GM 50224

DIAMOND DRILLING LOGS, PROJECT P-90 NARM-DP-OPTION

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Québec

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90-A-138

Feuille No 1 de ____

De ____ à ____

Profondeur totale: 50.90m

Journal: Marc Legault

Date: 31 janvier 1990

Projet	: P-90 Narm-DP-option	Ligne	: ____	Ord.	: ____	Profondeur	: 0	50.90m	____
Claim	: 455694-1	Section	: 16400E	Ord.	: 10033N	Plongée	: -51°	-45°	____
Canton	: Vezza	Lat.	: 16400.02E	Long.	: 10033.38N	Azimut	: -	-	____
Rang	: -	Élévation Orifice:	Grid 1000.28m			Commencé le	: 29 janvier 1990		
Lot	: -	Azimut:	Grid 358° 47' Astron 4° 41'			Terminé le	: 30 janvier 1990		
N.T.S.	: 32F/12	Niveau:	Surface			Entrepreneur	: N. Morissette (Val d'Or)		

Couronne AX: EX: AQ:

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	10.36	Overburden (casing left in hole)								
10.36	31.35	Interbedded argillite and wacke								
		15.70- 23.10: weak "banded" silicification zone								
		23.10- 27.10: strong bleach-moderate pervasive silicification								
		zone								
		27.10- 31.35: weak-moderate bleach-pervasive silicification								
		zone								
31.35	40.30	Bleached sheared mafic volcanic								
		40.0- 40.30: sheared argillaceous breccia								
40.30	50.90	Fine-medium grained gabbro								
		40.30- 43.60: moderate carbonate alteration- shear zone								
		43.60- 46.65: moderate carbonate green mica alteration zone								
		46.65- 48.35: aphanitic felsic dyke								
	50.90	End of hole								
		ref. Corriveau May 3, 1990								

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90-A-138

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0	10.36	Overburden									
10.36	31.35	Interbedded argillite and siltstone- wacke									
		-banded grey-black to light grey									
		-alternating argillaceous bands (50%) and wacke-siltstone bands 1-20cm thick on average									
		-argillite (grey black) 1mm- 10cm thick massive (poor bedding definition) bands, bedding is disrupted and distorted but generally alligned subparallel to schistosity; relatively sharp contacts with wacke (ie. no visible grading)									
		-wacke-siltstone (grey) 1cm- 1m thick massive (poorly bedded) bands; siltstone very fine-grained to aphanitic; wacke 3-5% 0.5- 1.0mm anhedral subrounded quartz grains in very fine-grained intermediate looking clastic matrix									
		-trace pyrite (mm disseminated clots) trace pyrrhotite mm clots									
		-1-2% 3-5mm quartz veins subparallel to schistosity									
		-schistosity (well developed in argillite) at 60° cax often cuts "bedding" planes									
		-no observable pattern to distortions (ie. to indicate systematic fold pattern)									
		-relatively unfractured 1-5/m									
		10.36- 10.70: casing core not recovered									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	Chemex Pulp1 / Pulp2
		10.70- 15.70: unaltered (as in main unit description)							Agnico Chemex reject		
		15.70- 23.10: weak "banded" silicification zone	3001	15.70	17.0	1.30	Tr	Tr	0.17	0.14	0.14
		-10-40cm long intervals (25-30% overall) of siliceous grey ma-									0.07
		terial (almost quartz looking) with argillaceous (weak bleach)	3002	17.0	18.50	1.50			0.14	0.14	0.07
		material (as in main) in between.									0.07
		-silicified zones: bleached, poor textural preservation, vague	3003	18.50	20.0	1.50			0.14	0.07	0.07
		contacts (over 1-2cm); bands approx. parallel to foliation									0.14
		-trace mm pyrrhotite clots associated with silicified intervals;	3004	20.0	21.50	1.50			0.14	0.07	0.14
		0.5% 0.5mm disseminated pyrite (Tr. Aspy?) in lower 50cm.									0.07
		-3-5% 3-5mm irregular quartz veinlets subparallel to schistosity	3005	21.50	22.50	1.0	Tr-.5%		0.21	0.21	0.14
									0.27		0.14
		23.10- 27.10: strong bleach moderate silicification zone	3006	22.50	23.10	0.60	0.5%	Tr	1.65	1.58	1.71
		-pale grey colour overall						Aspy			1.58
		-penetrative alteration destroys textures ie. 30% interval 1-3cm									
		grey finely banded bleached argillite (weak sericite with ar-									
		gillite only)									
		-alteration consists of pervasive silicification which bleaches									
		the rock (probably original siltstone-wacke)									
		- 5% 1-5mm grey irregular quartz clots veins subparallel to									
		schistosity; this gives the core a vague banded look (1-10cm)									
		due to variable intensity of silicification.									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T AE	Vérif. Ch.r	P#1 P#2
		-quartz veins may be fracture controlled- silicification									
		-0.5% 0.5mm disseminated py, tr-mm pyrrhotite clots and	3007	23.10	24.10	1.0	0.5%	Tr	0.72	0.69	0.69
		disseminations and trace 0.5mm disseminated arsenopyrite									0.69
		-(24.5- 24.70) 3-5% disseminated to veinlet pyrite	3008	24.10	25.10	1.0	1%	Aspy	2.88	2.19	3.09
		(25.0) 1% pyrite as mm veinlets along foliation; trace arsenopy-						Tr			3.15
		rite. (25.10- 25.5) 1% fine arsenopyrite minor 2-3cm quartz	3009	25.10	26.10	1.0	0.5%	Aspy	8.16	7.54	8.19
		veins. (25.70) 1% pyrite veinlets over 10cm						0.5%			8.00
			3010	26.10	27.10	1.0	Tr		1.51	1.44	1.51
		27.10 31.35 Wead Moderate Bleach Silicification Zone									1.44
		-light medium grey colour	3011	27.10	28.10	1.0	Tr-0.5		0.58	0.69	0.48
		-very weakly banded; because 80% fine grained wacke									0.55
		(3-5% visible 0.5- 1.0mm quartz grains), 20% 1-5cm bleached	3012	28.10	29.10	1.0	Tr-0.5		0.55	0.55	0.48
		relict argillite bands define "bedding" (argillite weak serici-									0.48
		tic)	3013	29.10	30.10	1.0	Tr-0.5		0.89	1.03	1.10
		-Similar to zone described above except bleach-silicification							0.96		1.03
		less intense	3014	30.10	31.35	1.25	Tr	Aspy	3.57	4.66	3.57
		-3-5% 1-3mm quartz veinlets at 60° cax (appear to control perva-						Tr			5.49
		sive silicification)									
		-1% mm quartz veinlets at 35° cax cut sulphide veinlets (ie.									
		later)									
		-0.5% mm pyrite clots and veinlets									
		-Trace fine arsenopyrite									
		-Upper contact gradual; lower contact sharp (no cax. observable)									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
31.35	40.30	Bleached Massive Mafic Volcanic							AE	Ch.r	P#1
		-light grey green									P#2
		-aphanitic weak-moderately sheared rock appears to be mafic	3015	31.35	32.50	1.15	Tr-0.5		0.82	0.96	0.96
		composition (ie. Basalt)							0.62		0.96
		-Trace sheared mm long chloritic phenocrysts set in an aphanitic	3016	32.50	34.0	1.50	Tr-0.5		1.78	1.65	1.85
		matrix							Ch		1.78
		-Occasional brecciated appearance (in-situ volcanic breccia with	3017	34.0	35.0	1.0	Tr-0.5		1.80		
		mm-cm sub-angular fragments in 10-15% darker matrix of similar									
		composition)	3018	35.0	36.10	1.10	Tr-0.5		1.14		
		-10-20% fine pervasive iron carbonate (helps define contact									
		along with disappearance of quartz grains)									
		-3-5% fine pervasive calcite									
		-Schistosity 60° is weakly crenulated (in oriented core so that									
		S_1 is east-west, axes plunge steeply)									
		-0.5% 1-2mm sheared pyrite clots disseminated throughout									
		-minor fine pyrite veinlets micro-folded.									
		32.0- 32.60: limonite (orange) weathering weakly fractured									
		over 10 cm									
		33.0- 33.40: interval of fine-grained wacke (as above); likely									
		a fragment? upper contact 60° cax; lower contact 25° cax									
		34.0- 34.65: quartz porphyritic felsic dykes									
		-light grey white									

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No 90-A-138

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		-15-20% 0.5-1.5mm euhedral subequant quartz phenocrysts in								
		felsic aphanitic matrix								
		-Dykes (70% volume interval) sharp contacts 35-70° cax								
		34.65- 39.0: limonitic (orange) staining over 10cm at 1.0m in-	3019	36.10	37.50	1.40	Tr-0.5		0.07	
		tervals	3020	37.50	39.0	1.50	0.5%	Aspy	0.08	
		(36.10- 38.10) altered fine-grained mafic (dyke or coarser phase	3021	39.0	40.30	1.30	0.5%	Tr	2.00	
		of mafic flow)- identical to (40.30- 46.65); sharp contacts								
		see description below.								
		(38.10- 38.95) flow breccia? Vague fragments, 0.5% fine Aspy								
		over 10cm at 38.70m								
		39.0- 39.70 quartz porphyritic felsic dykes similar to (34.0-								
		34.65) except dykes (30% volume) are 20cm wide.								
		40.0- 40.30: Dark Sheared Breccia								
		-10-30% mm-2cm sub-angular-angular bleached fragments in a dark								
		grey (almost argillaceous) sheared matrix (flow breccia or								
		tectonic breccia)								
		-schistosity 60° cax; sharp contacts parallel to schistosity								
40.30	50.90	Fine-medium grained Gabbroic Intrusion								
		-dark green								
		-poor textural preservation (in least altered zones)								

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No 90-A-138

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		-up to 30% 1.5-2.0mm subequant mafic phenocrysts (chloritized							Chemex	
		relict pyroxenes?) set in a fine-grained micro gabbroic looking								
		matrix- may see some mm long subhedral plagioclase								
		-up to 10% pervasive calcite								
		-minor leucoxene mm grains								
		-2-5% irregular mm calcite veinlets								
		-weak schistosity 55-60° cax								
		40.30- 43.6: Sheared Moderate Carbonate Altered Zone	3022	40.30	41.50	1.20	nil		0.07	
		-medium grey	3023	41.50	42.50	1.0	nil		0.07	
		-complete textural destruction except for 10% visible sheared	3024	42.50	43.60	1.10	nil		0.07	
		(60° cax) chloritic clots (relict mafic phenocrysts)								
		-matrix 15-20% Fe-carbonate								
		-2-3% sheared mm leucoxene								
		-very minor sericitic slips								
		-trace-nil mm pyrite								
		-upper contact fractured core (not observed)								
		43.60- 46.65: Moderate Carbonate Green Mica Alteration Zone	3025	43.60	45.10	1.50	Tr		0.07	
		-emerald green spots in grey matrix	3026	45.10	46.65	1.55	Tr		0.07	
		-hot sheared except in lower 40cm								

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		-1-3mm phenocrysts bleached to emerald green mica colour								
		over 20-50cm intervals (50% zone)								
		-minor 3-5mm carbonate quartz veins at low cax								
		-lower contact limonite stained								
		46.65- 48.35: Aphanitic Felsic Dyke	3027	46.65	48.35	1.70			0.07	
		-similar to porphyritic dykes above								
		-grey white colour								
		-trace mm subhedral white feldspars in aphanitic felsic matrix;								
		weakly sericitic								
		-upper contact fault gouge over 10cm (80° cax)								
		-felsic dyke is strongly microfractured- almost micro-brecciated								
		10-25/10cm								
		-lower contact sharp 50° cax								
		48.35- 50.90: Unaltered Gabbro- sharp upper contact	3028	48.35	49.85	1.50	nil		0.07	
	50.90	End of hole								
		7 boxes								
		28 samples (3001- 3028 inclus.), of which 3001- 3016 incl. (16)								
		were analysed for Au by Fire Assay (1/2 assay/ton) at Agnico Eagle labs, the pulp and rejects were reground-								
		pulverized & were re-assayed for Au by Fire Assay- AAS (1/2 assay-ton) (Pulp #2) in addition Pulp #1 was not								
		repulverized and was assayed by Fire Assay-AAS (1/2 assay-ton) at Chemex Lab. Samples 3017-3028 (12) were								
		analysed by Fire Assay-AAS (1/2 assay/ton) at Chemex Labs								

Marc Legault géologue
CP 87
Val d'Or (Québec)

LF C-4782

MINES AGNICO-EAGLE LTEE.

90A-139

12-14-1990 :: 13:07

DIAMOND DRILL LOG

PROPERTY	: VEZZA OPTION	PROJECT #	: 90		
NTS MAP #	: 32F/12	TOWNSHIP	: VEZZA	LICENSE #	: 455694-1
LINE/STATION:	16400E / 9975N	EASTINGS/NORTHINGS:	16399.99E / 9975.38N	ELEVATION	: 998.65 m
LENGTH	: 124.05 m	INCLINATION	: -50.0 degrees	AZIMUTH	: 1.0 degrees
OVERBURDEN	: 13.41 m	CASING	: BQ core; BQ casing left in hole		
LOGGED BY	: Marc H. Legault, Geologist	DRILLED BY	: N. Morrissette Canada Inc., Val d'Or (Quebec)		
				ASSAYING BY	: Agnico-Eagle (Joutel) & Chemex (Rouyn-Noranda)
DATE LOGGED	: 1990/02/03 to 1990/02/03	DATE DRILLED	: 1990/01/30 to 1990/02/01	CORE LOCATION:	Vezza

ACID DIP TESTS

Depth	Dip
46.00	-48.0
76.00	-45.0
122.00	-33.0

From(m)	To(m)	Field Name (Legend)
0.00	13.41	OVERBURDEN (M.T.)
13.41	61.35	INTERBEDDED WACKE AND ARGILLITE (S3E / S6E)
18.30	18.55	Lean Iron Formation (S9B - S10C)
37.00	58.30	Moderately Sheared (~)
58.30	61.35	Weak Sericite-Carbonate Alteration, moderate Shear Zone (~, < MI+, FeCB+)
61.35	70.50	INTERBEDDED LEAN IRON FORMATION AND WEAK CARBONATE-SERICITE ALTERED WACKE AND ARGILLITE (S9B - S10C / S3E - S6E, < ~, < MI+, FeCB+)
63.35	69.80	Weak Sericite-Carbonate Altered Wacke and Argillite (S3E - S6E, ~, < MI+, FeCB+)
69.80	70.50	Sulphidized Iron Formation and altered Wacke and Argillite (MG/SF-)
70.50	91.60	WEAKLY SHEARED INTERBEDDED ARGILLITE AND WACKE (S3E / S6E, < ~)
70.50	74.00	Weak Sericite-Carbonate Alteration Zone (~, < FeCB+, MI+)
82.75	85.00	Moderate Carbonate-Sericite Alteration Shear Zone (~, FeCB+, MI+)
85.00	91.60	Moderate-strong Carbonate Silicification Zone (<< ~, QZ+, FeCB+)
91.60	95.65	SHEARED MODERATELY CARBONATE ALTERED GABBRO (I3A[CL, ~, FeCB+, CL+)
91.60	92.00	Quartz Porphyritic Felsic Dyke (I-V1B[QZ)
93.85	94.90	Quartz Porphyritic Felsic Dyke (I-V1B[QZ)
95.65	100.50	MODERATELY SHEARED CARBONATE ALTERED, WEAKLY SILICIFIED MAFIC VOLCANIC (V3B[, ~, FeCB+, < QZ+)
99.85	100.50	Aphanitic Felsic Dyke (I-V1B)
100.50	101.80	ARGILLACEOUS SHEAR ZONE - BRECCIA ZONE (ARGILLACEOUS M8 - M25, > FeCB+)
101.80	124.05	WEAK CARBONATE BLEACHED MAFIC VOLCANIC (V3B[, FeCB+, < FC+)
101.80	102.40	Sheared Carbonate Altered Gabbro (I3A[CL, > ~, > FeCB+, < CL+)
107.50	109.35	Fine-grained Gabbro (I3A, < FeCB+, CL+)
109.35	109.75	Quartz-Tourmaline Vein Zone (QZ-TL Veins, AS, FeCB+)
110.40	110.60	Quartz-Tourmaline Vein Zone (QZ-TM Veins, AS, FeCB+)
110.60	111.40	Moderate Carbonate Bleach Alteration (FeCB+, AS)
112.00	112.50	Moderate Carbonate, weak Green Mica Alteration (FeCB+, FC+)
124.05		END OF HOLE.

Marc Legault
c.p. 87
Val d'Or (Québec)
J9P 4N9

From(m)	To(m)	Description	Sample#	From (ft)	To (ft)	Width (ft)	Au (ppb)
0.00	13.41	**OVERBURDEN (M.T.)**					
13.41	61.35	**INTERBEDDED WACKE AND ARGILLITE (S3E / S6E)**	3029	18.25	18.75	0.50	
	18.30	18.55 Lean Iron Formation (S9B - S10C)					
		Sub-Intervals	3030	20.60	22.10	1.50	
		⟨18.30⟩-⟨18.55⟩: Isoclinal M-folds, Z-folds Vertical rake	3031	24.50	26.00	1.50	
			3032	26.00	27.50	1.50	
			3033	27.50	29.00	1.50	
			3034	29.00	30.50	1.50	
			3035	34.40	35.90	1.50	
			3036	35.90	37.40	1.50	
	37.00	58.30 Moderately Sheared (~)					
		Sub-Intervals	3037	40.10	41.60	1.50	
		⟨37.00⟩-⟨58.30⟩: Isoclinal folds Vertical rake	3038	41.60	43.10	1.50	
			3039	52.50	54.50	2.00	
	58.30	61.35 Weak Sericite-Carbonate Alteration, moderate Shear Zone (~, ⟨ MI+, FeCB+)					
		Sub-Intervals	3040	58.30	59.35	1.05	
		⟨59.60⟩-⟨60.00⟩: Isoclinal S-folds Vertical - 70W rake	3041	59.35	60.35	1.00	
			3042	60.35	61.35	1.00	
61.35	70.50	**INTERBEDDED LEAN IRON FORMATION AND WEAK CARBONATE-SERICITE ALTERED WACKE AND ARGILLITE (S9B - S10C / S3E - S6E, ⟨ ~, ⟨ MI+, FeCB+)**					
		Sub-Intervals	3043	61.35	62.35	1.00	
		⟨61.35⟩-⟨63.35⟩: 0.5% arsenopyrite, 0.5% pyrite	3044	62.35	63.35	1.00	
	63.35	69.80 Weak Sericite-Carbonate Altered Wacke and Argillite (S3E - S6E, ~, ⟨ MI+, FeCB+)					
		Sub-Intervals	3045	63.35	64.35	1.00	
		⟨63.35⟩-⟨69.80⟩: Trace pyrite	3046	64.35	65.50	1.15	
			3047	65.50	67.00	1.50	
			3048	67.00	68.50	1.50	

From(m)	To(m)	Description	Sample#	From (ft)	To (ft)	Width (ft)	Au (ppb)
			3049	68.50	69.50	1.00	
			3050	69.50	70.50	1.00	
	69.80	70.50 Sulphidized Iron Formation and altered Wacke and Argillite (MG/SF-)					
		Sub-Intervals					
		(69.80)-(70.50): 5% pyrite, 0.5-1% arsenopyrite					
70.50	91.60	WEAKLY SHEARED INTERBEDDED ARGILLITE AND WACKE (S3E / S6E, (~)					
	70.50	74.00 Weak Sericite-Carbonate Alteration Zone (~, (FeCB+, MI+)					
			3051	70.50	71.50	1.00	
			3052	71.50	73.00	1.50	
			3053	73.00	74.50	1.50	
			3054	74.50	76.00	1.50	
			3055	81.25	82.75	1.50	
	82.75	85.00 Moderate Carbonate-Sericite Alteration Shear Zone (~, FeCB+, MI+)					
		Sub-Intervals	3056	82.75	84.00	1.25	
		(82.75)-(85.00): Trace pyrite, trace arsenopyrite	3057	84.00	85.00	1.00	
	85.00	91.60 Moderate-strong Carbonate Silicification Zone (((~, QZ+, FeCB+)					
		Sub-Intervals	3058	85.00	86.00	1.00	
		(85.00)-(91.60): 0.5% pyrite, trace arsenopyrite	3059	86.00	87.00	1.00	
			3060	87.00	88.00	1.00	
			3061	88.00	89.00	1.00	
			3062	89.00	90.00	1.00	
			3063	90.00	91.00	1.00	
			3064	91.00	91.60	0.60	
91.60	95.65	SHEARED MODERATELY CARBONATE ALTERED GABBRO (I3A(CL, ~, FeCB+, CL+)					
	91.60	92.00 Quartz Porphyritic Felsic Dyke (I-V1B(QZ)					
			3065	91.60	92.00	0.40	
			3066	92.00	93.00	1.00	
			3067	93.00	93.85	0.85	
	93.85	94.90 Quartz Porphyritic Felsic Dyke (I-V1B(QZ)					

From(m)	To(m)	Description	Sample#	From (ft)	To (ft)	Width (ft)	Au (ppb)
			3068	93.85	94.90	1.05	
			3069	94.90	95.65	0.75	
95.65	100.50	MODERATELY SHEARED CARBONATE ALTERED, WEAKLY SILICIFIED MAFIC VOLCANIC (V3B[, ~, FeCB+, < QZ+)					
		Sub-Intervals	3070	95.65	96.70	1.05	
		(96.00)-(99.85): 0.5% pyrite, 0.5% arsenopyrite	3071	96.70	97.10	0.40	
		(96.65)-(99.85): 1-5cm quartz - carbonate - arsenopyrite vein 360/90 oriented	3072	97.10	98.10	1.00	
			3073	98.10	99.10	1.00	
			3074	99.10	99.85	0.75	
	99.85	100.50 Aphanitic Felsic Dyke (I-V1B)					
			3075	99.85	100.50	0.65	
100.50	101.80	ARGILLACEOUS SHEAR ZONE - BRECCIA ZONE (ARGILLACEOUS M8 - M25, > FeCB+)					
			3076	100.50	101.80	1.30	
101.80	124.05	WEAK CARBONATE BLEACHED MAFIC VOLCANIC (V3B[, FeCB+, < FC+)					
		Sub-Intervals					
		(110.40)-(110.60): Trace AS					
	101.80	102.40 Sheared Carbonate Altered Gabbro (I3A[CL, > ~, > FeCB+, < CL+)					
			3077	101.80	102.80	1.00	
			3078	102.80	104.00	1.20	
			3079	104.00	105.30	1.30	
			3080	105.30	106.30	1.00	
			3081	106.30	107.50	1.20	
	107.50	109.35 Fine-grained Gabbro (I3A, < FeCB+, CL+)					
			3082	107.50	108.50	1.00	
			3083	108.50	109.35	0.85	
	109.35	109.75 Quartz-Tourmaline Vein Zone (QZ-TL Veins, AS, FeCB+)					
		Sub-Intervals	3084	109.35	110.00	0.65	
		(109.35)-(109.75): 40% quartz	3085	110.00	111.00	1.00	
		(109.35)-(109.75):					

From(m)	To(m)	Description	Sample#	From (ft)	To (ft)	Width (ft)	Au (ppb)
110.40	110.60	Quartz-Tourmaline Vein Zone (QZ-TM Veins, AS, FeCB+)					
110.60	111.40	Moderate Carbonate Bleach Alteration (FeCB+, AS)					
			3086	111.00	111.50	0.50	
			3087	111.50	112.50	1.00	
112.00	112.50	Moderate Carbonate, weak Green Mica Alteration (FeCB+, FC+)					
			3088	112.50	113.50	1.00	
			3089	113.50	115.00	1.50	
			3090	121.00	122.50	1.50	
			3091	122.50	124.05	1.55	
124.05		END OF HOLE.					

Sample#	From (ft)	To (ft)	Width (ft)	Comment	Au (ppb)
3029	18.25	18.75	0.50		
3030	20.60	22.10	1.50		
3031	24.50	26.00	1.50		
3032	26.00	27.50	1.50		
3033	27.50	29.00	1.50		
3034	29.00	30.50	1.50		
3035	34.40	35.90	1.50		
3036	35.90	37.40	1.50		
3037	40.10	41.60	1.50		
3038	41.60	43.10	1.50		
3039	52.50	54.50	2.00		
3040	58.30	59.35	1.05		
3041	59.35	60.35	1.00		
3042	60.35	61.35	1.00		
3043	61.35	62.35	1.00		
3044	62.35	63.35	1.00		
3045	63.35	64.35	1.00		
3046	64.35	65.50	1.15		
3047	65.50	67.00	1.50		
3048	67.00	68.50	1.50		
3049	68.50	69.50	1.00		
3050	69.50	70.50	1.00		
3051	70.50	71.50	1.00		
3052	71.50	73.00	1.50		
3053	73.00	74.50	1.50		
3054	74.50	76.00	1.50		
3055	81.25	82.75	1.50		
3056	82.75	84.00	1.25		
3057	84.00	85.00	1.00		
3058	85.00	86.00	1.00		
3059	86.00	87.00	1.00		
3060	87.00	88.00	1.00		
3061	88.00	89.00	1.00		
3062	89.00	90.00	1.00		
3063	90.00	91.00	1.00		
3064	91.00	91.60	0.60		
3065	91.60	92.00	0.40		

Sample#	From (ft)	To (ft)	Width (ft)	Comment	Au (ppb)
3066	92.00	93.00	1.00		
3067	93.00	93.85	0.85		
3068	93.85	94.90	1.05		
3069	94.90	95.65	0.75		
3070	95.65	96.70	1.05		
3071	96.70	97.10	0.40		
3072	97.10	98.10	1.00		
3073	98.10	99.10	1.00		
3074	99.10	99.85	0.75		
3075	99.85	100.50	0.65		
3076	100.50	101.80	1.30		
3077	101.80	102.80	1.00		
3078	102.80	104.00	1.20		
3079	104.00	105.30	1.30		
3080	105.30	106.30	1.00		
3081	106.30	107.50	1.20		
3082	107.50	108.50	1.00		
3083	108.50	109.35	0.85		
3084	109.35	110.00	0.65		
3085	110.00	111.00	1.00		
3086	111.00	111.50	0.50		
3087	111.50	112.50	1.00		
3088	112.50	113.50	1.00		
3089	113.50	115.00	1.50		
3090	121.00	122.50	1.50		
3091	122.50	124.05	1.55		

MINES AGNICO-EAGLE LIMITÉE

RAPPORT D'ANALYSE

Exploration Date .08.02.90.....

	NUMÉRO D'ÉCHANTILLON	Vezza	POIDS MGMS.	OZS. D'OR PAR TONNE
1	3056	—		.008
2	57			.006
3	58			014
4	59			10
5	60			202
6	61			032
7	62			.032
8	63			.24
9	64	90-A-139		084
10	65			.05
11	69			.006
12	70			008
13	71			.02
14	72			.014
15	73			012
16	74			.014
17	75			006
18	83			.002
19	84	—		.016
20	3095	90-A-140		152
21				
22				
23				
24				
25		Jean Marc Lemieux		
26				
27				
28				

Laboratoires Chemex Ltee.

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Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 3
Invoice Date: 01-MAR-90
Invoice No. : I-9011779
P.O. Number :

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: FAX - MINE CC: AGNICO-EAGLE MINE

*NOTE: * CORRECTED COPY FOR Au oz/T

CERTIFICATE OF ANALYSIS A9011779

	SAMPLE DESCRIPTION	PREP CODE		Au g/tonne	Au FA oz/T
	P-3001	268	--	0.07	< 0.003
	P-3002	268	--	0.07	< 0.003
	P-3003	268	--	0.14	0.004
	P-3004	268	--	0.07	< 0.003
	P-3005	268	--	0.14	0.004
	P-3006	268	--	1.58	0.046
	P-3007	268	--	0.69	0.020
*	P-3008	268	--	3.15	0.092
	P-3009	268	--	8.00	0.233
	P-3010	268	--	1.44	0.042
	P-3011	268	--	0.55	0.016
	P-3012	268	--	0.48	0.014
	P-3013	268	--	1.03	0.030
	P-3014	268	--	5.49	0.160
	P-3015	268	--	0.96	0.028
	P-3016	268	--	1.78	0.052
	P-3056	268	--	0.21	0.006
	P-3057	268	--	0.14	0.004
	P-3058	268	--	0.69	0.020
	P-3059	268	--	3.91	0.114
	P-3060	268	--	not/ss	not/ss
	P-3061	268	--	1.10	0.032
*	P-3062	268	--	1.23	0.036
	P-3063	268	--	9.60	0.280
	P-3064	268	--	2.37	0.069
	P-3065	268	--	1.71	0.050
	P-3069	268	--	0.14	0.004
	P-3070	268	--	0.14	0.004
	P-3071	268	--	0.69	0.020
	P-3072	268	--	0.82	0.024
	P-3073	268	--	0.34	0.010
	P-3074	268	--	0.69	0.020
	P-3075	268	--	0.21	0.006
	P-3083	268	--	< 0.07	< 0.003
	P-3084	268	--	0.62	0.018
	P-3095	268	--	6.41	0.187
	P-3096	268	--	0.75	0.022
	P-3097	268	--	2.26	0.066
	P-3098	268	--	0.55	0.016
	P-3099	268	--	0.34	0.010

CERTIFICATION : D Grant

Laboratoires Chemex Ltée.
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175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C1
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE C: AGNICO-EAGLE MINE

Page No. : 1
Tot. Pages: 3
Date : 22-FEB-90
Invoice # : I-9011504
P.O. # :

CERTIFICATE OF ANALYSIS A9011504

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne
R-3001	208	294	0.14
R-3002	208	294	0.14
R-3003	208	294	0.07
R-3004	208	294	0.07
R-3005	208	294	0.21
R-3006	208	294	1.58
R-3007	208	294	0.69
R-3008	208	294	2.19
R-3009	208	294	7.54
R-3010	208	294	1.44
R-3011	208	294	0.69
R-3012	208	294	0.55
R-3013	208	294	1.03
R-3014	208	294	4.66
R-3015	208	294	0.96
R-3016	208	294	1.65
R-3056	208	294	0.21
R-3057	208	294	0.14
R-3058	208	294	0.75
R-3059	208	294	3.50
R-3060	208	294	5.07
R-3061	208	294	1.51
R-3062	208	294	1.03
R-3063	208	294	6.99
R-3064	208	294	2.47
R-3065	208	294	1.92
R-3069	208	294	0.21
R-3070	208	294	0.14
R-3071	208	294	0.69
R-3072	208	294	0.48
R-3073	208	294	0.34
R-3074	208	294	0.89
R-3075	208	294	0.14
R-3083	208	294	0.07
R-3084	208	294	0.48
R-3095	208	294	4.42
R-3096	208	294	1.06
R-3097	208	294	3.22
R-3098	208	294	0.82
R-3099	208	294	0.55

CERTIFICATION : W. Van Breemen

Laboratoires Chemex Ltee.

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PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 2
Invoice Date: 27-FEB-90
Invoice No. : I-9011509
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9011509

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne	Au FA oz/T
3017	205	294	1.80	0.052
3018	205	294	1.14	0.033
3019	205	294	< 0.07	< 0.002
3020	205	294	0.08	0.002
3021	205	294	2.00	0.058
3022	205	294	< 0.07	< 0.002
3023	205	294	< 0.07	< 0.002
3024	205	294	< 0.07	< 0.002
3025	205	294	< 0.07	< 0.002
3026	205	294	< 0.07	< 0.002
3027	205	294	< 0.07	< 0.002
3028	205	294	< 0.07	< 0.002
3029	205	294	< 0.07	< 0.002
3030	205	294	< 0.07	< 0.002
3031	205	294	< 0.07	< 0.002
3032	205	294	< 0.07	< 0.002
3033	205	294	0.17	0.005
3034	205	294	< 0.07	< 0.002
3035	205	294	< 0.07	< 0.002
3036	205	294	< 0.07	< 0.002
3037	205	294	< 0.07	< 0.002
3038	205	294	< 0.07	< 0.002
3039	205	294	< 0.07	< 0.002
3040	205	294	< 0.07	< 0.002
3041	205	294	< 0.07	< 0.002
3042	205	294	< 0.07	< 0.002
3043	205	294	< 0.07	< 0.002
3044	205	294	< 0.07	< 0.002
3045	205	294	< 0.07	< 0.002
3046	205	294	< 0.07	< 0.002
3047	205	294	0.15	0.004
3048	205	294	< 0.07	< 0.002
3049	205	294	< 0.07	< 0.002
3050	205	294	1.01	0.029
3051	205	294	< 0.07	< 0.002
3052	205	294	< 0.07	< 0.002
3053	205	294	< 0.07	< 0.002
3054	205	294	< 0.07	< 0.002
3055	205	294	< 0.07	< 0.002
3066	205	294	< 0.07	< 0.002

CERTIFICATION : Adriana Alexandre

Laboratoires Chemex Ltee.

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175 Boul, Industriel C.P. 284, Rouyn,
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PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 27-FEB-90
Invoice No. : I-9011509
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9011509

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne	Au FA oz/T
3067	205	294	< 0.07	< 0.002
3068	205	294	1.71	0.050
3076	205	294	0.10	0.003
3077	205	294	< 0.07	< 0.002
3078	205	294	< 0.07	< 0.002
3079	205	294	< 0.07	< 0.002
3080	205	294	< 0.07	< 0.002
3081	205	294	< 0.07	< 0.002
3082	205	294	< 0.07	< 0.002
3085	205	294	0.64	0.019
3086	205	294	0.16	0.005
3087	205	294	< 0.07	< 0.002
3088	205	294	< 0.07	< 0.002
3089	205	294	< 0.07	< 0.002
3090	205	294	< 0.07	< 0.002
3091	205	294	0.07	0.002
3092	205	294	0.67	0.020
3093	205	294	< 0.07	< 0.002
3094	205	294	< 0.07	< 0.002
3105	205	294	0.15	0.004
3106	205	294	1.05	0.031
3111	205	294	< 0.07	< 0.002
3112	205	294	< 0.07	< 0.002
3113	205	294	< 0.07	< 0.002
3114	205	294	< 0.07	< 0.002
3115	205	294	< 0.07	< 0.002
3116	205	294	< 0.07	< 0.002
3117	205	294	< 0.07	< 0.002

CERTIFICATION : Adriana Alexandre

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A-140

Feuille No 1 de

De à

Profondeur totale: 53.04m

Projet	P-90 NARM-DP Vezza	Option Ligne		Ord.		Profondeur	0	53m	Couronne
Claim	455694-1	Section	16425E	Ord.	10028N	Plongée	-51°	-45°	AX: EX:
Canton	Vezza	Lat.	16424.98E	Long.	10028.29N	Azimut	-	-	AQ:
Rang		Elévation Orifice:	Grid 1000.43m			Commencé le	February 3rd, 1990		
Lot		Azimut:	Grid 0°57' astron 6°51'			Terminé le	February 4th, 1990		
N.T.S.	32F/12	Niveau:	Surface			Entrepreneur	N. Morissette Val d'Or		

Journal: Marc H. Legault
Date: February 5th, 1990

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	13.41	Overburden (casing left in hole)								
13.41	37.10	Interbedded Wacke and Argillite								
		24.50- 28.50: Weak Carbonate Sericite Alteration								
		28.50- 30.50: Moderate Carbonate-Sericite, Weak Banded Silicification Zone								
		30.50- 37.10: Moderate-Strong Carbonate-Silica Alteration Zone								
37.10	43.70	Moderate-Strong Silica-Carbonate Altered Mafic Volcanic								
		37.10- 38.10: Fracture Zone Carbonate Bleach Zone								
		38.10- 39.60: Moderate Carbonate, Weak green mica altered Gabbro								
		39.60- 40.95: Quartz porphyritic Felsic Dyke								
		40.95- 41.70: Moderate Carbonate Bleach Zone								
		41.70- 43.70: Moderate-Strong Carbonate- Silica Alteration Zone								
43.70	45.50	Argillaceous Shear Zone Breccia Zone								
45.50	53.04	Moderate Carbonate Weak Green Mica Altered Gabbro								
	53.04	End of Hole								
		Refer. J.L. Corriveau May 3, 1990								

LF H-2323

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A-140

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex g/ton	Vérif.
0	13.41	Casing (left in hole)								
13.41	37.10	Interbedded Argillite and Wacke	3092	16.75	18.25	1.50	Tr		0.67	
		-alternating grey-black (argillite) and light grey (wacke-silt-								
		stone)	3093	23.25	24.75	1.50	Tr		<0.07	
		-60% 0.5- 50cm thick (3-5cm average) aphanitic siltstone and								
		fine grained wacke; siltstone-wacke similar intermediate compo-								
		sition;								
		-wacke; up to 10% 0.5- 1.0mm average anhedral subequant quartz								
		grains, trace mm argillite chips (angular) alligned parallel								
		to schistosity; and up to 10% visible light coloured lithic (?)								
		grains in aphanitic matrix; no visible grading between siltstone								
		wacke; weakly foliated								
		-40% argillite as 0.1- 5cm thick (1cm average) bands and slips;								
		moderately fissile and schistose parallel to schistosity								
		(50- 55° CAX)								
		-3- 5% pervasive fine calcite in wacke								
		-2-3% 1-10mm quartz veinlets subparallel to schistosity								
		-bedding is transposed and sheared- observe tectonic banding								
		of discontinuous beds (cuts banding)								
		-Trace- 0.5% mm disseminated pyrite								
		-Wacke has 1-3mm thick weakly sericitic schist bands								
		24.50- 28.50: 5% interval weak bleaching of wacke-siltstone	3094	27.0	28.5	1.50	Tr		<0.07	

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A- 140

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est. Aspy	Au. oz. T g/ton	Vérif. Chemex reject	Chemex P#1 P#2
		intervals only (sericite- Fe carbonate weak) 2-3% 1-5mm quartz									
		veins parallel to schistosity (55° Cax); trace pyrite; bedding									
		transposed, veins and bedding at angle are contorted.									
		28.50- 30.50: Moderate Sericite-Carbonate, weak banded Silicifi-									
		cation Zone	3095	28.50	29.50	1.0	Tr	Nil	5.21	4.42	7.78
		-pale grey to waxy grey-yellow									6.41
		-Partial textural destruction; relict banding preserved parallel	3096	29.50	30.50	1.0	Tr	Tr	0.82	1.06	0.62
		to schistosity									0.75
		-70% interval (over 10- 50cm) intervals affected by moderate									
		sericite-Fe Carbonate (up to 15% fine-pervasive) alteration									
		which bleaches the argillite to waxy yellow and gives a good									
		foliation to wacke-siltstone (Tr- 10% 0.5mm quartz grains									
		always visible; alteration gradual at upper contact (progressive									
		bleach) over 30cm and decrease as silicification strenghtens									
		at lower contact									
		-30% 1-20cm wide silica-carbonate grey bleach zones; pervasive									
		over narrow bands (increasing in volume at expense of sericite									
		zones); pervasive penetrative alteration proportioned to per-									
		cent 1-5mm fine grey siliceous veinlets in intervals (up to 5-									
		10% alligned subparallel to foliation) (fracture controlled)									
		-Quartz veinlets have vague margins- are discontinuous									
		-Trace- 0.5% fine disseminated pyrite; trace mm arsenopyrite									
		-Schistosity 60- 65° cax									

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No 90 A- 140

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est	Au. oz. T AE	Vérif. chemex reject	Cheme P#1 P#2
		-Lower contact gradual (approximate)									
		30.50- 37.10: Moderate Strong Carbonate- Silica Alteration Zone									
		-pale grey									
		-similar to interval (28.50- 30.50) except silica-Fe-carbonate									
		alteration dominates (90%); near total textural destruction									
		-Rock loses foliated appearance (lack of sericite)									
		-in strongly altered zones fine hair-like fractures (10- 15%)									
		randomly oriented filled with silica-Fe-carbonate									
		-Trace- 0.5% fine disseminated pyrite; trace mm pyrrhotite clots									
		and trace arsenopyrite (uniformly disseminated or up to 1% mm									
		needles along mm chloritic fractures subparallel to schistosity)									
		-Locally 1-10mm wide discontinuous sheared pyrite streaks (fine									
		pyrite aggregate) occur over 10-15cm intervals									
		-Upper contact gradual; lower contact sharp against altered									
		volcanic									
								Aspy			
		(30.50- 31.50) 1% pyrite as sheared; 1-10mm streaks veinlets and	3097	30.50	31.50	1.0	1% po py	Tr	2.19	3.22	2.06
		disseminations; trace- 0.5% pyrrhotite mm clots; trace mm arse-									2.26
		nopyrite	3098	31.50	32.50	1.0	Tr	Tr	0.55	0.82	0.69
		(35.40) limonite (orange) staining adjacent to fracture									0.55
			3099	32.50	33.50	1.0	Tr		0.55	0.55	0.55
		36.50- 37.10: strong irregular fracture controlled silica-carbona-									0.34
		te alteration trace- 0.5% 0.5mm pyrite; trace arsenopyrite lower									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

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Feuille No 5 de _____

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Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
									AE	Chemex reject	Chemex P#1 P#2
		contact sharp but fractured; schist 60° cax						Aspy			
			3100	33.50	34.50	1.0	Tr	Tr	0.62	0.75	0.75
											0.69
			3101	34.50	35.50	1.0	Tr	Tr	2.54	2.26	2.95
											4.18
			3102	35.50	36.50	1.0	Tr-0.5%	Tr	1.10	1.10	1.10
											1.30
			3103	36.50	37.10	0.60	0.5%	Tr	2.47	2.54	2.67
											2.81
37.10	43.70	Moderate Strong Silica-Carbonate Altered Mafic Volcanic									
		-pale medium grey									
		-massive (relatively) homogeneous, poor textural preservation									
		-massive aphanitic rock affected by two different alteration types (described below) which bleach it and obscures textures;									
		interpret to be mafic volcanic because of:									
		a) massive aphanitic grain-size texture (in less altered zones)									
		b) presence of leucoxenes and mafic phenocrysts (rare)									
		c) association with gabbroic dykes? (may be coarser phases of mafic flows); lack of banding									
		-Foliation defined by alligned slip planes constant 65° cax									
		-Carbonate alteration consists of 15- 20% fine pervasive Fe-carbonate which bleaches the rock (alone the rock is soft); generally is associated with pervasive silicification (similar to									

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MINES AGNICO EAGLE LTÉE

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No 90-A-140

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		alteration of sediments (30.50- 37.10)						Aspy	Agnico	Chemex reject	Cheme P#1 P#2
		-upper part of interval injected with felsic and mafic dykes									
		-upper contact sharp but fractured									
		37.10- 38.10: fractured moderate strong carbonate altered mafic	3104	37.10	38.30	1.20	0.5%	Tr	«0.07	«0.07	«0.07
		volcanic; aphanitic; 15- 20% Fe carbonate; 20- 30 fractures/m;									0.07
		schistosity 60° cax; trace arsenopyrite in foliation parallel									
		fractures within 10cm of upper contact									
		-lower contact sharp 60° cax									
									Chemex		
		39.10- 39.60: Moderate Carbonate Weak Green Mica Altered Gabbro	3105	38.30	39.60	1.30	Tr-0.5%		0.15		
		dyke									
		-pale grey-green with emerald green spots									
		-poor textural preservation									
		-carbonate alteration (15- 20% pervasive fine iron carbonate)									
		bleaches matrix, destroys igneous textures; 10- 15% 1-3mm									
		stretched chlorite to green mica pilots (sheared parallel to									
		schist) these are relict chloritic phenocrysts; 2-3% mm sheared									
		beige leucoxene									
		-schistosity 60- 65° cax									
		-1-2% quartz (black tourmalene ?) veinlets 1-3mm thick at 45-									
		60° cax cut schistosity									
		-sharp upper contact (60° cax)									
		-possible trace quartz eyes									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Pv est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-Trace- 0.5% 1-2mm pyrite clots									
		(38.30- 38.60) Grey Aphanitic felsic dyke; micro-fractured; trace									
		mm quartz eyes; 0.5% mm pyrite along chloritic fractures (ran-									
		dom cax) lower contact/ upper contact 60- 70° cax									
		39.60- 40.95: Quartz-porphyritic Felsic dyke; similar to (38.30-	3106	39.60	40.95	1.35	Tr		1.05		
		38.60) except trace 20% 0.5- 1mm subhedral subequant quartz							Agnico	Chemex reject	Chemex P#1 P#2
		phenocrysts in aphanitic felsic matrix; trace 1-2mm pyrite									
		-upper and lower contacts sharp (70° and 55° respectively)									
		40.95- 41.90: Moderate Carbonate Bleach Zone	3107	40.95	41.70	0.75	0.5%	Tr	0.89	1.03	0.89
		-pale grey (as in main unit description)									0.96
		-weakly silicified, strongly, pervasively Fe-carbonate bleached									
		-weak schistosity, 60- 65° cax									
		-»0.5% 1-2mm disseminated pyrite; trace pyrrhotite clots									
		-lower contact where silicification dominates									
		41.70- 43.70: Moderate-Strong Carbonate Silica Alteration Zone	3108	41.70	42.70	1.0	0.5%		0.62	0.96	0.55
		-medium grey (as in main unit description)									0.40
		-relatively homogeneous fracture- controlled pervasive alteration									
		-5-10% fine irregular silica-carbonate veinlets subparallel									
		(approximately) to foliation									
		-several 1-3mm quartz-carbonate veins cut schistosity at									

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MINES AGNICO EAGLE LTÉE

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Feuille No 8 de

De à

Profondeur totale:

Journal:

Date:

Projet : Ligne : Ord. : Profondeur :

Claim : Section : Ord. : Plongée :

Canton : Lat. : Long. : Azimut :

Rang : Elévation Orifice: Commencé le :

Lot : Azimut: Terminé le :

N.T.S. : Niveau: Entrepreneur :

Couronne AX: EX: AQ:

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES			
			No:	De	À	Long.	% Py est.	% po. est	Au. oz. T	Vérif.
		35- 45° cax (some have minor (cm) displacement); if orient							Agnico	Chemex reject P#1
		schistosity, veinlets have east west trend								P#1
		-trace- 0.5% 0.5mm pyrite disseminated; trace Arsenopyrite	3109	42.70	43.70	1.0	0.5%		0.48	1.30 0.27
		-limonite stains along some fractures								0.34
		-lower contact sharp- fractured 70° cax								
43.70	45.50	Argillaceous Shear Zone Breccia Zone	3110	43.70	44.70	1.0	0.5%		1.44	1.37 1.30
		-banded grey black and white								1.30
		-strongly foliated- sheared 70° cax							Chemex	
		-interval consists of 40- 60% dark grey to black aphanitic shea-	3111	44.70	45.30	0.80	0.5%		«0.07	
		red material (almost graphitic) with 30- 40% 0.1- 3cm thick								
		pieces of wallrock (either 10% sheared felsic dykes or 90%								
		altered mafic) angular-subangular alligned parallel schist								
		-upper contact sharp 60- 70° cax; lower contact where argillaceous								
		sheared material ends abruptly								
		-limonitic staining over 5% interval								
		-10- 15% Fe-carbonate								
		-0.5- 1% mm disseminated pyrite								
		-minor sheared 1-3mm quartz veinlets								
45.50	53.04	Moderate Carbonate- Weak Green Mica Altered Gabbro	3112	45.50	46.50	1.0	Tr		«0.07	
		-dark grey green with green to emerald green spots	3113	46.50	47.50	1.0	Tr		«0.07	
		-post textural preservation	3114	47.50	48.50	1.0	Tr		«0.07	
		-identical to narrow mafic porphyritic mafic dykes near	3115	48.50	50.0	1.50	Tr		«0.07	

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MINES AGNICO EAGLE LTÉE

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Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		(37.10- 39.60) ie 10- 30% 1-3mm chloritic or green mica-stained							Chemex	
		weakly sheared relict mafic phenocrysts in Fe-carbonate bleached	3116	50.0	51.50	1.50	Tr		«0.07	
		altered matrix (1-3% sheared mm leucoxene); alteration decreases	3117	51.50	53.04	1.50	Tr		«0.07	
		downhole								
		-1-5% 1-3mm irregular carbonate veinlets 0- 90° cax								
		-trace mm disseminated pyrite								
		-minor limonite stains near fractures (less than 10/m)								
		-moderate weak schistosity 70° cax								
	53.04	End of hole								
		Samples 3092- 3117 inclusively (26); 7 boxes								
		Samples 3095- 3104, 3107- 3110 (14) by Fire Assay (1/2 Assay ton) at Agnico-Eagle								
		Samples 3092- 3094, 3105, 3106, 3111- 3117 by Fire Assay AAS (1/2 Assay ton) by Chemex								
		all Agnico-Eagle Lab Pulps (#2) and rejects re-pulverized and Fire Assay (1/2 assay ton)								
		at Chemex Labs- however Pulp # 1 not repulverized but 1/2 Assay ton Fire Assay AAS								

Marc Legault géologue
C.P. 87
Val d'Or (Québec)
J9P 4N9

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MINES AGNICO EAGLE LTÉE
P-90 NARM- DP

JOURNAL DE SONDAGES

No 90 A- 141

Feuille No 1 de

De à

Profondeur totale: 80.77m

Projet	: Vezza Option	Ligne	:	Ord.	:	Profondeur	: 0	45.7m	76.2m
Claim	: 455694-1	Section	: 16425E	Ord.	: 9998N	Plongée	: -50°30'	42°	-38°
Canton	: Vezza	Lat.	: 16425.07E	Long.	: 9998.47N	Azimut	: -	-	-
Rang	:	Elévation Orifice:	Grid 999.73m			Commencé le	: February 1st, 1990		
Lot	:	Azimut:	Grid 0°43' Astron 6°37'			Terminé le	: February 3rd, 1990		
N.T.S.	: 32F/12	Niveau:	Surface			Entrepreneur	: N. Morissette Val d'Or		

Couronne AX: EX: AQ:

Journal: Marc H. Legault

Date: February 13, 1990

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est	% po. est	Au. oz. T	Vérif.
		SUMMARY								
0	14.0	Overburden (casing to 14.63m left in hole)								
14.0	39.75	Interbedded Argillite and Wacke								
		34.0- 37.0: Weak Carbonate Bleach Zone								
		37.0- 39.75: Interbedded Chert and Argillite								
39.75	42.40	Interbedded Oxide facies Iron Formation and Argillite								
42.40	68.0	Interbedded Argillite and Wacke								
		42.40- 46.25: Interbedded Chert and Argillite								
		47.20- 54.0: Weak-moderately sheared Argillite and Wacke								
		54.0- 58.50: Moderate Carbonate-Weak banded Silicification Zone								
		58.50- 68.0: Moderate-Strong Carbonate-Silicification Zone								
68.0	70.90	Moderate Carbonate-Altered Gabbroic Intrusion								
		68.60- 69.80: Aphanitic Felsic Dyke								
		69.80- 70.90: Strong Carbonate-Weak Silicification Zone (volcanic)								
70.90	71.75	Argillaceous Shear Zone- Breccia Zone Ref. J.L. Corriveau, May 3, 1990								
71.75	80.77	Medium-grained Gabbroic Intrusion								
		71.75- 77.75: Moderate Strong Carbonate-Weak Green Mica Alteration								
	80.77	End of hole								

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MINES AGNICO EAGLE LTÉE

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0	14.0	Overburden (casing to 14.63 ft left in hole)									
14.0	39.75	Interbedded Argillite and Wacke									
		-banded alternating light grey and black									
		-60% light-medium grey 1-100cm (20 cm average) thick fine-grained wacke-aphanitic siltstone; wacke 3-5% 0.5- 1.5mm anhedral sub-rounded quartz grains; 1-5% 1-3mm angular light coloured lithic fragments and trace mm angular argillite chips in a very fine-grained matrix (intermediate siltstone composition); gradational difference between wacke (fine-grained) and siltstone (aphanitic)									
		-40% black aphanitic argillite 0.5- 50 cm thick (5cm average); fissile; moderately sheared									
		-Schistosity- foliation moderately developed in argillites (lesser in wacke) 60° cax									
		-bedding generally contorted cut by schistosity; "bedding" transposed (refer to as banding)									
		-local visible grading- uphole- downhole									
		-Z fold patterns with vertical plunges hinge lines (fold plane parallel to schistosity)									
		-Trace 1-3mm pyrite clots in argillite and wacke									
		-weakly fractured 5-20 fractures/m at 5-10cm intervals									
		-1-2% 1-3mm calcite veinlets (random deg. cax.)									
		-1-3% pervasive calcite									

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MINES AGNICO EAGLE LTÉE

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No 90 A- 141

Feuille No 3 de

De à

Profondeur totale:

Journal:

Date:

Projet : Ligne : Ord. : Profondeur :

Claim : Section : Ord. : Plongée :

Canton : Lat. : Long. : Azimut :

Rang : Elévation Orifice: Commencé le :

Lot : Azimut: Terminé le :

N.T.S. : Niveau: Entrepreneur :

Couronne AX: EX: AQ:

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		15.50- 15.75: Grey-white cherty bands within argillite bedding							Chemex		
		transposed	3181	15.0	16.50	1.50	Tr		0.155		
		20.0- 20.35: Banded grey chert; banding 55° cax; bedding 0-90°	3182	19.50	21.0	1.50	Tr		0.050		
		cax; vertical plunge to hinge lines (if orient schistosity east									
		west- steep south dip). 5% 1-3mm irregular quartz veins									
		27.0- 34.60: 10-20 fractures/m at 3-10cm intervals									
		34.60- 37.0: Weak Pervasive Fe-carbonate bleach in wacke	3183	35.50	37.0	1.50	Tr		0.020		
		5- 10% pervasive Fe-carbonate; banding 60° cax cut by fractures									
		60° cax and at 0° cax-									
		37.0- 39.75: Interbedded Chert and Argillite: 25% 3-5cm thick									
		finely banded chert bands interbedded with argillite; chert bands						Aspy			
		interbedded with argillite; chert bands 10- 25cm intervals; mm	3184	37.0	38.50	1.50	Tr-0.5%	Tr	0.035		
		bedding alternating beige-pink colour; cut by 0° cax fractures	3185	38.50	39.75	1.25	Tr-0.5%	Tr	0.130		
		(cleavage) which when orient core (east-west steep south dip)									
		is vertical; 0.5% 0.5mm pyrite near or in cherty bands (trace									
		arsenopyrite); another fine mm fracture set oriented west-north-									
		west, vertical dip (if orient core) (ie approx. 30° true angle									
		between bedding and fractures)									
39.75	42.40	Interbedded Oxide facies Iron Formation and Argillite	3186	39.75	41.25	1.50	1-2%	Tr	0.150		
		-alternating grey black- dark green (argillite) and black deep	3187	41.25	42.40	1.15	2-3%	Tr	0.290		

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A- 141

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est	% po. est	Au. oz. T Chemex	Vérif.	
		red (iron formation)									
		-30% cm banded iron formation over 5- 25cm wide intervals, con-									
		sist of 70% fine-grained 5- 10mm thick uniform magnetite bands									
		alternating with 30% 1-3mm deep red chert bands.									
		-70% black to dark green argillaceous bands 1-100cm thick;									
		weakly bleached									
		-2- 3% pyrite either as 1-5mm thick semi-massive bands near									
		iron formation or disseminated (mm) inside iron formation or									
		disseminated in fractures cutting iron formation at low angle.									
		-Trace fine arsenopyrite in veinlets near or in iron formation									
		-Banding 50- 60° cax consistant - no visible folding									
		-Consistant mm fracture set (cleavage) filled with quartz-calcite									
		cuts bedding at low angle (if orient core east-west, steep									
		south dip) fractures oriented west-northwest vertical dip;									
		observe right and movement (mm)?									
		-occasional sulphidisation of magnetite occurs within 1-5mm of									
		fine fractures- veinlets!									
		-upper and lower contacts sharp (ie where magnetite begins)									
42.40	68.0	Interbedded Argillite and Wacke									
		identical to (14.0- 39.75)						Aspy			
		42.40- 46.25: Interbedded Chert and Argillite	3188	42.40	43.90	1.50	Tr	Tr	0.025		
		-Alternating grey-beige (pink) and black (similar to (37.0- 39.75)	3189	43.90	45.40	1.50	Tr		0.020		
		-20% 3-5cm fine laminated (1-5mm thick bands) of beige to	3190	45.40	46.25	0.85	Tr		0.020		

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No 90 A- 141

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Pv est.	% po. est	Au. oz. T	Vérif.
		locally pink chert alternating with grey black argillite-								
		siltstone								
		-3-5% quartz-calcite veinlets cut chert bands and argillite sub-								
		parallel to core axis								
		-trace disseminated pyrite (mm) especially near chert bands								
		-trace mm arsenopyrite in some chert bands								
		-fine quartz-carbonate-filled fractures cut bedding (if orient								
		core east-west steep south dip) oriented northwest steep-vertical								
		dip								
		-lower contact where chert stops								
		(44.20- 46.25) drilling problems- poor core recovery 95%								
		weak sericitization								
		(46.25- 47.20) 50cm core not recovered								
		47.20- 54.0: Weak-Moderately Sheared Argillite and Wacke								
		similar to (14.0- 39.75) except								
		1) schistosity in argillite more strongly developed (65- 70° cax)								
		2) Wacke-siltstone bands (50%) are weakly sericitized (waxy								
		faint yellow colour) with 2-3% Fe-carbonate- minor calcite								
		-Trace- 1-3mm pyrite clots								
		-2-3% sheared contorted calcite veinlets								
		-1-2% 1-5cm bands grey silicified wacke- cut by fine quartz vein-								
		lets- bands 50- 100cm intervals (not chert look)								

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est	Au. oz. T Chemex	Vérif.	
		(47.50- 48.10) Silicified Zone; 80% 1-5cm grey siliceous bands									
		with vague contacts; 3- 5% pervasive to fine fracture controlled	3191	47.20	48.75	1.50	Tr		0.125		
		Fe-carbonate; trace- nil pyrite	3192	52.50	54.0	1.50	Tr		0.030		
		54.0- 58.50: Moderate Carbonate Bleach- Weak Banded Silicifica-	3193	54.0	55.50	1.50	Tr		0.195		
		tion Zone	3194	55.50	56.50	1.0	Tr		0.040		
		-alternating medium grey and light grey	3195	56.50	57.50	1.0	Tr	Tr	0.275		
		-moderate textural preservation	3196	57.50	58.50	1.0	Tr		2.80		
		-Argillite-siltstone and Wacke banding still visible due to									
		grain size contrast but argillite bleached to medium-light									
		grey colour due to pervasive carbonate (5- 7% fine Fe-carbo-									
		nate) and very minor sericite; wacke generally bleached (Fe-									
		carbonate)									
		-10- 15% interval 5mm- 10cm thick silicified bands; rock becomes									
		bleached- siliceous with gradual contacts (5- 10% pervasive or									
		fine fracture- controlled Fe-carbonate); frequently 1-5mm sili-									
		ceous veins (up to 5% of bands) with vague contacts (ie fractu-									
		re- controlled alteration)									
		-trace mm pyrite disseminated- rare pyrite- pyrrhotite (?)									
		near/in quartz veinlets									
		-schistosity 60° cax decreases approaching lower contact									
		58.50- 68.0: Moderate-Strong Carbonate Silicification Zone									
		-pale light grey									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		-Weak persistent banded texture									
		-Pervasive alteration of rock causes partial textural destruc-									
		tion- Argillite becomes very pale grey and banding (1-5mm) still									
		persists (resembles bleached version of (54.0- 58.50); wacke									
		becomes almost massive grey- very siliceous but 1-5% 0.5 mm									
		anhedral quartz grains always visible (texture used to identify									
		sedimentary-volcanic contact)									
		-alteration consists of pervasive silicification (up to 95%)									
		with coincident 15- 20% pervasive Fe-carbonate.									
		-up to 10% either very fine irregular silica-carbonate hair like									
		veinlets filling irregular fractures (random cax.) or 1-5mm grey									
		siliceous discontinuous veins subparallel to foliation (ie									
		alteration appears to be fracture-controlled); alteration									
		appears associated with intensity of veinlets (ie banded silici-									
		fication to pervasive with intensity)									
		-1-2% 1-5mm white barren quartz veins cut foliation 20- 45° cax									
		-Tr- 0.5% fine pyrite (0.5- 1% overall) in three general forms									
		1) most commonly at 1-2mm sheared clots of pyrite stretched									
		parallel to foliation or 2) as fine 0.5mm disseminations or									
		3) at 1- 10mm long X 1mm wide sheared discontinuous veinlets									
		-sulphides occur in matrix (not in siliceous veinlets)									
		-trace 0.5mm disseminated arsenopyrite									
		-local visible gold * see description below									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
		(58.50- 61.50) 60- 70% interval strongly altered over 5- 30cm						Aspy	Agnico	Chemex reject	Chemex P#1
		intervals; foliation decreases in intensity as silicification									P#2
		increases: up to 1% pyrite as sheared clots with arsenopyrite	3118	58.50	59.50	1.00	Tr		0.75	0.48	0.41
		within 50cm of lower contact; trace pyrrhotite clots									0.41
			3119	59.50	60.50	1.0	Tr-0.5%		1.03	0.62	0.75
		(61.50- 62.10) 2- 3% sheared discontinuous pyrite veinlets and									1.03
		clots (70° cax) strong altered	3120	60.50	61.50	1.0	0.5- 1%	Tr	5.07	3.62	4.80
		(62.10- 64.70) Moderate- strong pervasive alteration but sulphide									5.17
		content near trace- 0.5% levels	3121	61.50	62.50	1.0	2-3%	Tr	4.66	4.66	4.73
		(64.70- 65.50) 2- 3% fine disseminated pyrite visible especially									4.25
		on schist faces	3122	62.50	63.50	1.0	Tr	Tr	3.36	3.26	2.81
		(65.50- 67.50) 60- 70% banded silicification; foliation- banding									2.95
		weak-moderately developed; trace- 0.5% 1-2mm sheared pyrite	3123	63.50	64.50	1.0	Tr		1.37	1.44	1.37
		clots									1.30
			3124	64.50	65.50	1.0	2-3%	Tr	9.60	8.50	8.95
		(67.50- 68.0) 2- 3% pyrite as sheared veinlets (mm) and dissemina-									8.91
		tions (increasing within 30cm of lower contact)	3125	65.50	66.50	1.0	Tr		0.89	0.41	0.62
		* -4 pinhead sized specks of visible gold disseminated in matrix									1.78
		- lower contact very sharp (70° cax)	3126	66.50	67.50	1.0	0.5%		0.75	0.62	0.69
											0.62
			3127	67.50	68.0	0.50	2-3%		19.00	17.30	19.70
											19.50

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	A	Long.	% Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex P#1
68.0	70.90	Moderate Carbonate Altered Gabbroic Intrusion									P#2
		-pale grey-green with green mm clots									
		-poor textural preservation- consists of strong carbonate blea-	3128	68.0	68.60	0.60	Tr		0.41	0.27	0.27
		ched (15- 20% pervasive fine Fe-Carbonate with calcite) but									0.48
		not silicified massive moderately sheared rock with 1-2% sheared									
		mm leucoxene and up to 10% sheared 2-3mm long relict chloritic									
		phenocrysts									
		-Interpret to be gabbroic because of similarities with less al-									
		tered gabbro observed down hole									
		-Foliation 70° cax									
		-Trace mm disseminated pyrite									
		-upper contact sharp									
		68.60- 69.80: Aphanitic Felsic Dyke	3129	68.60	69.80	1.20	Tr		0.75	1.51	0.89
		-pale grey									0.96
		-massive homogeneous weakly sheared aphanitic felsic dyke with									
		trace- 1% 0.5- 1mm vague altered feldspars and quartz pheno-									
		crysts									
		-weak foliation 65- 70° cax									
		-2- 3% cm irregular white quartz veins cut foliation									
		-trace pyrite overall- minor mm pyrite along fractures									
		-upper/lower contacts sharp 70- 75° cax									
			3130	69.80	70.90	1.10	2-3%		20.02	18.20	19.70
		69.80- 70.90 Strong Carbonate-Weak Silicified Volcanic?									20.60

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T g/ton	Vérif. Chemex reject	Chemex P#1 P#2
		-pale grey									
		-weakly sheared- poor textural preservation									
		-may be altered volcanic except penetrative alteration									
		obscures textures- appears aphanitic (no leucoxene or quartz									
		grains): foliation gives fine microfractured (70° cax) appea-									
		rance									
		-locally appears almost siliceous micro breccia- mm angular									
		fragment in white siliceous matrix									
		-20- 25% pervasive Fe-carbonate									
		-2- 3% disseminated pyrite or along fine fractures									
		-schistosity increases gradually approaching lower contact-									
		approximate									
		-3 pin-head sized gold grains visible near 70- 50m									
70.90	71.75	Argillaceous Shear Zone- Breccia Zone	3131	70.90	71.75	0.85	1-2%		4.39	6.72	7.06
		-banded black and light grey- weak- rust									7.13
		-60- 70% sheared mm-cm angular intermediate and mixed felsic									
		fragments (wallrock) set in schistose argillaceous matrix-									
		almost mylonitic									
		-fragments sheared 3-10:1									
		-schistosity 70- 75° cax									
		-1- 3% sheared 2-3mm pyrite clots									
		-minor rusty staining									
		-wallrock at upper/lower contacts appear to spall into Tectonic breccia									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Pv est.	% po. est.	Au. oz. T	Vérif.
71.75	80.77	Medium-grained mafic intrusion (Gabbro)								
		-in least altered intervals- dark green								
		-5- 10% 2-3mm anhedral subequant chloritic relict mafic phenocrysts barely visible in dark fine-grained poorly crystallized.								
		-Matrix is chloritized and strongly carbonatized (10- 15% pervasive calcite)								
		-Massive- very weakly sheared- defined by alligned chloritic phenocrysts								
		-2- 3% 1-5mm calcite veinlets 35- 60° cax								
		71.75- 77.75: Moderate-Strong Carbonate Weak Green Mica Alteration								
		-pale grey with mm grey-green to emerald green spots								
		-penetrative textural destruction of matrix due to 15-20% pervasive Fe-carbonate (minor calcite) bleached grey								
		-see 1- 2% weakly sheared mm leucoxene								
		-5- 15% 1-2mm anhedral grey-green chloritic clots- relict phenocrysts								
		-locally (5% interval) chloritic clots are green mica stained (faint) over 1-5cm intervals- weak green mica in matrix also								
		-moderate schistosity (phenos stretched 3-5:1) 65- 70° cax								
		-upper contact sharp against shear zone- greyish stain persists within 5- 10cm of contact								

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 12 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex P#1 / P#2
		(71.75- 72.50) Strongly sheared; leucoxene stretched parallel									
		to schistosity 65- 70° cax; weak green mica									P#2
		(72.50- 72.75) Aphanitic band (chill zone? or volcanic or sedi-	3132	71.75	72.75	1.00	Tr		«0.07	«0.07	0.07
		ment xenolith?) sharp contacts 70° cax; no leucoxene. 0.5%									0.07
		sheared 1-2mm pyrite clots							Chemex		
		(72.75- 78.75) as in sub-unit description; trace-nil	3197	72.75	73.75	1.0			0.015		
		1-3mm pyrite cubes	3198	73.75	74.75	1.0			0.010		
			3199	74.75	76.25	1.50	Tr		0.005		
		77.75- 79.50: Moderate Carbonate Altered Gabbro	3200	76.25	77.75	1.50			0.005		
		-similar to (71.75- 77.75) except not sheared and no green mica-									
		matrix is pervasive altered with 10- 15% 1-3mm chloritic mafic									
		phenocrysts									
		-lower contact gradual									
		79.50- 80.15: relatively unaltered - as in main unit									
		80.15- 80.50: aphanitic felsic dyke; identical to (68.60- 69.80)									
		contacts 80° cax									
	80.77	End of Hole 12 boxes Core samples assayed for Au									
		Sample series 3181- 3200 inclus. & 3118- 3132 inclus. (35 samples)									
		-Samples 3118- 3132 (15)by Fire Assay (1/2 assay-ton) at Agnico-Eagle Lab									
		-Samples 3181- 3200 (20) by Fire Assay AAS (30 g fused sample) at Chemex Labs									
		-All Agnico-Eagle Pulps (#2) and rejects repulverized & Fire Assay AAS (1/2 assay/ton) at Chemex Labs									
		-Agnico Eagle Pulp #1 not repulverized but reassayed Fire Assay AAS (1/2 assay-ton) at Chemex Labs									

Marc Legault géologue

C.P. 67

Val d'Or (Québec)

J9P 4N9

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MINES AGNICO EAGLE LTÉE
P-90 NARM-DP

JOURNAL DE SONDAGES

No 90 A- 142

Feuille No 1 de

De à

Profondeur totale: 132.59m

Projet	: Vezza Option	Ligne :	Ord. :	Profondeur	: 0	47.2	91.4	132.6m	Couronne	
Claim	: 455694-1	Section : 16425E	Ord. : 9965N	Plongée	: -50° 30'	-48°	-44°	-41°	AX:	EX:
Canton	: Vezza	Lat. : 16424.86E	Long. : 9965.88N	Azimut	: -	-	-	-	AQ:	
Rang	: -	Elévation Orifice: Grid 998.19m		Commencé le	: 4 February 1990					
Lot	: -	Azimut: Grid 0° 26' astron. 6° 20'		Terminé le	: 6 February 1990					
N.T.S.	: 32F/12	Niveau: Surface		Entrepreneur	: N. Morissette Val d'Or					

Journal: Marc H. Legault
Date: February 1990

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	A	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	15.40	Overburden (BQ casing left in hole to 15.85m)								
15.40	77.50	Interbedded Argillite and Wacke								
		73.50- 77.50: Weak Carbonate-Sericite Alteration Zone								
77.50	79.50	Interbedded Chert and Wacke Argillite								
79.50	105.80	Interbedded Argillite and Wacke								
		79.50- 84.0: Weak-moderate Carbonate-Sericite Alteration Zone								
		93.25- 97.25: Weak Carbonate-Sericite Alteration Zone								
		97.25- 100.25: Moderate Carbonate-Sericite, Weak banded Silicification Zone								
		100.25- 104.75: Moderate-Strong Carbonate-Silicification Zone								
		104.75- 105.80: Weak-moderate Carbonate-Silicification Zone								
105.80	110.55	Moderate-Strong Carbonate Altered Sheared Gabbroic Intrusion								
110.55	112.05	Argillaceous Shear Zone- Breccia Zone								
112.05	123.60	Carbonatized Fine-medium grained Gabbro (or coarse volcanic)								
		122.0- 123.60: Moderate-strong carbonate weak Green Mica Alteration								
123.60	132.59	Variolitic Mafic Volcanic								
		123.60- 128.25: Moderate Carbonate Alteration Zone								
		(125.25- 126.30) Quartz Tourmaline Vein Zone	Ref. J.L. Corriveau May 3, 1990)							
		129.70- 132.59: Amygdaloide mafic volcanic								
	132.59	End of hole								

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Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet :		Ligne :		Ord. :		Profondeur :				Couronne	
Claim :		Section :		Ord. :		Plongée :				AX:	EX:
Canton :		Lat. :		Long. :		Azimut :				AQ:	
Rang :		Elévation Orifice:				Commencé le :					
Lot :		Azimut:				Terminé le :					
N.T.S. :		Niveau:				Entrepreneur :					

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Pv est.	% po. est.	Au. oz. T	Vérif.	
0	15.40	Overburden (BQ casing in the hole to 15.85m)									
15.40	77.50	Interbedded Argillite and Wacke									
		-alternating light grey and grey-black (argillite)									
		-60- 70% 1cm- 1.5m thick bands (20cm average) of fine-grained									
		wacke and very fine-grained-aphanitic siltstone alteration with									
		1-25cm thick bands (5cm average) black aphanitic argillite									
		-Wacke; 1-5% 0.1-2mm anhedral subrounded quartz grains; 2-3%									
		visible 0.5- 1.5mm angular light coloured lithic fragments									
		(intermediate) and trace 1-5mm angular argillite chips; inter-									
		mediate very fine-grained pale grey clastic matrix									
		-Siltstone essentially fragment free- matrix of wacke (gradatio-									
		nal contacts) no visible grading									
		-30- 40% black aphanitic argillite; moderately sheared relative									
		to wacke									
		-Schistosity 55° cax defined by alligned argillite bands and by									
		fragment allignment in wacke									
		-Bedding generally alligned parallel to schistosity but locally									
		disturbed-transposed; observe local tight-isoclinal folding of									
		argillite-siltstone sets (if orient schistosity east-west, steep									
		south dip, fold hinge plunges vertical-axial plane apparently									
		east-west)									
		-2-3% pervasive fine calcite in wacke									
		-1-2% 1-3mm calcite veinlets 50- 60° cax									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A- 142

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au, oz. T Chemex	Vérif.	
		-Trace 1-3mm pyrite cubes in wacke									
		15.40- 16.50: Fractured core; 10 fractures/m at 2- 10cm intervals;									
		schistosity 45° cax									
		16.50- 21.0: Wacke; interval cut by irregular chlorite-calcite-	3201	17.30	18.80	1.50	Tr		0.010		
		filled fractures at 10cm interval (irregular deg. Cax.); banding									
		distorted; wacke very weakly sericitized									
		24.50- 26.50: Argillite-rich interval (10% siltstone-wacke); ban-	3202	24.50	26.0	1.50	Tr		0.005		
		ding contorted transposed; 2- 3% ptygmatic folded calcite mm									
		veinlets (random deg. cax.); minor limonite along occasional									
		fractures; schistosity 55° cax									
		30.30- 31.50: 10% 3-5cm quartz calcite veins; cut foliation (pos-	3203	30.0	31.50	1.50	0.5%	Tr	0.040		
		sibly folded); argillaceous matrix chloritized within 1-5cm of									
		veins; 1-2% disseminated pyrite with minor brassy pyrrhotite									
		adjacent to veins but along schistosity; 0.5% pyrite overall									
		34.80- 35.50: similar quartz veins with chloritic alteration and	3204	34.50	35.50	1.00	0.5%	Tr	0.010		
		sulphides (as above); veins parallel to schistosity									
		41.50- 50.0: Evidence in several locations for uniform trending									
		schistosity cutting bedding and folding; schistosity consisten-									
		tly 55- 60° cax; (near 41.50) observe isoclinal folding cut (?)									
		by schistosity at low angle- if orient core (east-west, steep									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES			
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		south dipping schistosity) fold planes trend steeply-vertically								
		north west with vertically dipping hinge lines.								
		(near 42.60) Banding trends northwest steep-vertical dip is	3205	43.0	44.50	1.50	Tr		0.010	
		cut by schistosity trending (oriented) east-west with steep								
		south dip								
		-faint grading indicates tops downhole (to north)								
		(43.0- 47.50) 3- 5% 1-20cm irregular white quartz veins; trace	3206	44.50	46.0	1.50	Tr		0.025	
		1-5mm disseminated pyrite cubes	3207	46.0	47.50	1.50	Tr		0.035	
		50.0- 61.0: Argillite banding transposed- moderately sheared	3208	51.75	53.25	1.50	Tr		0.060	
		parallel to schistosity 60° cax; 5% 0.5- 3cm irregular to folia-	3209	53.25	54.75	1.50	Tr		0.020	
		tion parallel quartz carbonate veins; trace- mm pyrite in matrix	3210	54.75	56.25	1.50	Tr		0.005	
		wacke very weakly bleached (3- 5% pervasive Fe-carbonate)								
		(57.75) 2- 3 1-5cm intervals of grey mm banded chert; bands	3211	56.25	57.75	1.50	Tr		0.030	
		discontinuous 60- 65° cax								
		(57.75- 61.0) some quartz veins (3-5 cm- 60- 65° cax) have 1-2cm	3212	57.75	59.25	1.50	Tr		0.015	
		chloritic margins; weak grading (?) suggest tops up hole (1	3213	59.25	60.75	1.50	Tr		0.065	
		observation)	3214	60.75	62.25	1.50	Tr		0.235	
		-minor narrow grey banded cm-wide chert? (broken)								
		61.0- 69.0: Relatively weakly sheared wacke; trace- 0.5% 3-5mm								
		pyrite cubes; banding-bedding discontinuous; schistosity 55°cax								
		69.0- 73.50: Bedding at low angle to schistosity (55° cax) and	3215	70.50	72.0	1.50	Tr		0.035	

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif	
		1% 1-3mm calcite veinlets subparallel to foliation; hard to									
		discern bedding; (near 71.50) with oriented schistosity= observe	3216	72.0	73.50	1.50	Tr		0.015		
		what might be fine bedding parallel to cax (trending east west									
		with shallow dip to north) horizontal east west fold axis-									
		vertical fold plane (tight)									
		73.50- 77.50: Weak Carbonate Sericite Alteration Zone	3217	73.50	75.0	1.50	Tr		0.020		
		-banded medium-pale grey to waxy yellow	3218	75.0	77.50	2.50	Tr		0.015		
		-progressive alteration which partially destroys relict sedi-									
		mentary textures; wacke becomes pale grey bleached (5- 10% per-									
		vasive to fine fracture (mm) controlled Fe-carbonate) to weakly									
		sericitic (faint increase in schistosity)									
		-Argillite becomes bleached to weakly sericitic (waxy yellow									
		schistose bands); banding disrupted									
		-Alteration increases generally toward lower contact									
		-moderate schistosity 60- 65° cax									
		-1-2% 1-5mm quartz veins (grey) subparallel to schistosity									
		-trace-nil pyrite									
		(76.50- 77.50) locally 10cm very weakly silicified; fine quartz									
		veinlets 45° cax cut schistosity and are weakly folded (if									
		orient schistosity east-west steep south); veinlet trend east-									
		west dip steep north vertical east west fold hinge (horizontal)									
		with near vertical plane									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Pv est.	% po. est.	Au. oz. T	Vérif.	
77.50	79.50	Interbedded Chert and Wacke-Argillite							Chemex		
		-alternating beige-pink and light-dark grey									
		-similar to (73.50- 77.50) except 10% 5-10cm thick bands of very finely banded pink-grey chert									
		-Chert: mm laminations (generally 65- 70° cax) with sharp contacts against weakly altered (carbonate-sericite) argillite and wacke									
		-upper contact where laminated chert begins									
		-Trace pyrite- pyrrhotite generally in chert									
		(77.80) 5cm chert band with foliation- lamination parallel upper	3219	77.50	78.50	1.0	0.5-1%	Tr	0.715		
		contact (65° cax) but laminations are cut at lower contact=	3220	78.50	80.0	1.50	Tr		0.050		
		due to boudinage or sediment slump?									
		(78.0) 20% semi-massive pyrrhotite-pyrite band (1cm thick with veinlets) near upper chert band contact (5cm total thickness)									
		-possibly sulphidized lean iron formation? trace mm arsenopyrite									
		-some veinlets follow cax vertical dip									
		(79.50) Lower contact where 3cm thick beige-pink chert band ends									
79.50	105.80	Interbedded Argillite and Wacke									
		similar to (15.40- 77.50) except for level of alteration and deformation (see below)									
		79.50- 84.0: Weak-moderate Carbonate-Sericite Alteration	3221	80.0	81.50	1.50	Tr	Tr	0.020		

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Pv est.	% po. est.	Au. oz. T	Vérif.	
		similar to (73.50- 77.50) except relatively stronger sericite							Chemex		
		-banding disrupted- difficult to discern due to coincident alte-	3222	81.50	83.0	1.50	Tr		0.010		
		ration and moderately developed schistosity (65- 70° cax)	3223	83.0	84.50	1.50	Tr		0.035		
		-2-3% quartz carbonate mm veinlets cut foliation and are folded	3224	84.50	86.0	1.50	Tr-nil		0.065		
		(east-west vertical dipping veins folded along horizontal east-									
		west axes)									
		-2-3% cm foliation parallel quartz veins									
		-trace pyrite- pyrrhotite								Chemex reject	Chemex P#1 P#2
		84.0- 93.25: 70% Argillite- 30% Wacke siltstone- wacke	3225	92.25	93.25	1.0	Tr		1.500		
		-wacke very weakly bleached such that lithologies contrast stong									
		-schistosity increases downhole (60° cax)									
		-banding gradually becomes schistosity parallel down hole									
		93.25- 97.25: Weak Carbonate Sericite Alteration Zone	3226	93.25	94.25	1.0	Tr		0.105		
		similar to (73.50- 77.50) and (79.50- 84.0)	3227	94.25	95.25	1.0	Tr		0.045		
		-wacke and argillite gradually (down hole) become bleached and	3228	95.25	96.25	1.0	Tr		0.225		
		schistosity increase as sericite-carbonate alteration develops							Agnico		
		-schistosity 70° cax	3133	96.25	97.25	1.0	Tr		0.07	«0.07	0.07
		-up to 10- 15% pervasive Fe-carbonate; 3-5% quartz carbonate									0.14
		veins 65- 70° cax									
		-trace pyrite									
		-lower contact where rock becomes moderate- strongly bleached									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex reject	Chemex P#1 P#2
		97.25- 100.25: Moderate-Carbonate-Sericite weak banded Silicification Zone									
		-pale grey with waxy yellow grey slips	3134	97.25	98.25	1.00			«0.07	0.21	0.14
		-moderate strongly bleached and foliated rock: poor textural preservation									0.14
			3135	98.25	99.25	1.00			1.30	1.92	1.30
		-80% interval bleached Fe-carbonate-rich hard (10-15% pervasive)									1.23
		1-3mm irregular laminae with 15- 20% 1-3mm thick schistose	3136	99.25	100.25	1.00			1.65	1.71	1.85
		sericite slips									1.58
		-Generally 5% 1-3mm thick discontinuous siliceous veinlets in									
		bleached matrix 65- 70° cax where percent increases to 10-15%									
		(ie down hole) over 5- 10cm, the interval becomes pervasively									
		silicified (sericite decreases accordingly)- giving banded									
		silicification									
		-Banded silicification increases down hole (rock less foliated)									
		-0.5- 1% mm sheared pyrite clots disseminated throughout but									
		this decreases to trace near 99.0m									
		-lower contact where silicification dominates									
		100.25- 104.75: Moderate-Strong Carbonate-Silicification Zone	3137	100.25	101.25	1.0	0.5%	Tr	6.72	7.13	6.93
		-pale grey									7.95
		-generally massive poorly foliated	3138	101.25	102.25	1.0	Tr-0.5%		3.15	1.90	2.81
		-poor textural preservation due to pervasive penetrative silicification and Fe-carbonate (15- 20% pervasive)									2.26
			3139	102.25	103.25	1.0	Tr		4.11	3.91	4.46
		-Wacke (estimate 80% interval) massive grey with 1-5% 0.1-2mm									3.98

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		anhedral quartz grains still visible							Agnico	Chemex reject	Chemex P#1 P#2
		-Argillite appears as aphanitic bleached weakly silicified and									
		weak schistose 3-5cm bands	3140	103.25	104.25	1.0	0.5%		5.62	4.94	5.21
		-Alterated rock cut by mm hairlike irregular network of carbonate									5.01
		silica veinlets- stronger bleaching (1-3mm) occurs along thicker	3141	104.25	104.75	0.50	Tr-nil		2.40	2.61	2.74
		veinlets									2.61
		-3-5% 1-5mm grey quartz veins 45- 70° cax									
		-Trace 0.5% or more pyrite occurs in 2 forms: 1) fine 0.5mm dis-									
		seminations throughout or 2) as 1-5mm X 1mm thick irregular									
		sheared veinlets- stringers over 1-10cm intervals (rare)									
		-very minor mm sheared pyrrhotite clots									
		104.75- 105.80: Weak-Moderate Carbonate-silica Alteration Zone	3142	104.75	105.80	1.05	Tr		1.71	1.58	1.78
		-similar to sub-unit description except 35% interval is not									1.85
		silicified									
		-unaltered rock is bleached aphanitic moderate-weakly sheared									
		bleached argillite-siltstone									
		-trace 1.0mm relatively unsheared pyrite clots									
		-silicification not as strong relative to (100.25- 104.75)									
		-lower contact sharp									
105.80	110.55	Moderate Strong Carbonate Altered Sheared Gabbroic Intrusion	3143	105.8	106.80	1.00	Tr		«0.07	0.07	0.14
		-pale grey with grey-green spots									0.14
		-poor textural preservation due to coincident alteration and									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		schistosity							Agnico	Chemex reject	Chemex P#1 P#2
		-relatively homogeneous rock interpreted to be gabbro similar									
		to gabbro downhole (except for stronger schistosity)	3144	106.80	107.80	1.00	Tr		0.14	0.07	0.07
		-5- 10% moderate-strongly sheared 1-3mm (215:1) chloritic									0.07
		bleached relict mafic phenocrysts alligned parallel to schisto-	3145	107.80	108.80	1.00	Tr		«0.07	«0.07	«0.07
		sity (60- 65° cax)									«0.07
		-matrix completely Fe-carbonate bleached grey (20- 25% pervasive	3146	108.80	109.75	0.95	Tr		0.14	0.07	0.07
		Fe-carbonate) and 5- 10% calcite; matrix contains 1-2% sheared									0.07
		mm leucoxene (relict altered igneous									
		-1-2% 1-5mm quartz carbonate veins									
		-trace to no disseminated pyrite									
		-upper and lower contacts sharp									
		109.75- 110.55 Dark weakly silicified interval	3147	109.75	110.55	0.60	Tr-0.5%		0.96	0.82	0.75
		-rock at once hard but chloritic (effect of fault?)									0.89
		-2-3% 1-3cm quartz veins (limonitic margins) and 1% 1-3mm									
		pyrite clots within 40cm of lower contact									
		-lower contact becomes brecciated (wall rock to fault) with									
		1-3cm angular alligned fragments in schistose argillaceous									
		fault matrix									
110.55	112.05	Argillaceous Shear Zone- Breccia Zone	3148	110.55	111.55	1.0	1%		10.29	7.95	8.85
		-banded black and rusty grey									10.01

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			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex reject	Chemex P#1 P#2
		-strongly foliated clastic interval									
		-50- 70%mm- 5cm wide strongly difformed polymictic fragments in a strongly sheared black argillaceous (non-conductive) matrix-	3149	111.55	112.05	0.50	0.5%		0.82	1.23	0.82
		Tectonic breccia (lower contact broken over 10cm)									0.96
		-fragments of 2 types: 1) grey silicified aphanitic 2) aphanitic rusty carbonatized: fragments sheared out with feathery jagged margins- all alligned parallel to foliation (flattened 5-10:1 minimum)									
		-matrix sheared with 1% 1-5mm pyrite clots									
		-margins of fault have pieces of wallrock insitu (over 1-5cm)									
		-schistosity varies from 70°- 80° of margins to 55° in core									
112.05	123.60	Carbonatized fine-medium grained Gabbro (or coarse volcanic)	3150	112.05	113.05	1.0	Tr		«.07	0.07	0.07
		-medium grey with green spots									«.07
		-similar to (105.80- 110.55) except less sheared and more weakly altered generally							Chemex		
			3229	113.05	114.50	1.45	Tr-nil		0.010		
		-5-15% 1-3mm sheared relict mafic phenocrysts (chloritic) set in bleached grey carbonate rich matrix (no textures visible)- 10- 20% Fe-carbonate and 5% calcite pervasive in matrix									
		-1-3% sheared anhedral leucoxene grains									
		-alteration and schistosity decreases from upper contact (70°- 75° cax) (ie sheared chloritic clots become more visible)									
		-2-3% carbonate veinlets (1-5mm random deg. cax.)									

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			No:	De	A	Long.	% Pv est.	% po. est.	Au. oz. T. Chemex	Vérif.	
		119.0- 122.0: Relatively fine-grained weakly bleached interval									
		(chill zone?) trace 2-3mm pyrite									
		122.0- 123.60: Moderate strong carbonate- weak Green Mica Alte-									
		ration									
		-pale grey with weakly sheared grey to emerald green spots	3230	121.75	122.75	1.0	nil		«.005		
		-similar to main description except relict phenocrysts occasio-									
		nally have green mica stain; observe unsheared phenocrysts with									
		subequant- subhedral outlines (relict pyroxenes?); nil pyrite									
		-lower contact where chloritic clots disappear- approximate									
123.60	132.59	Variolitic Mafic Volcanic									
		-grey, green with pale green spots									
		-relatively good textural definition									
		-trace- 40% 2-10mm rounded elipsoidal to amoeboid light coloured									
		aphanitic varioles (rounded to irregular margins) set in darker									
		green aphanitic weakly bleach mafic volcanic matrix									
		-1% mm leucoxene disseminated									
		123.60- 128.25: Moderate Carbonate Alteration Zone	3232	124.25	125.25	1.0	Tr		0.010		
		-varioles become bleached and Zoned due to pervasive carbonate									
		(calcite with Fe-carbonate)									
		-Trace 1-2mm pyrite clots									

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

Feuille No 13 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		(125.25- 126.30) Quartz Tourmalene Vein Zone							Chemex	
		50% 10-20cm quartz veins with 5% 1mm- 1cm black irregular tour-	3233	125.25	126.30	1.05	nil		0.010	
		malene clots (along margins and irregularly in core); veins oc-								
		cur at high core axes (70°- 90°) but may also be 45° cax.								
		-no sulphides; matrix is carbonate altered variolitic mafic								
		(126.30- 128.25) Gradual decrease in bleaching; 2-3mm chalcopyri-	3234	126.30	127.30	1.0	Tr		0.080	
		te clot in cm quartz vein near 126.75m	3235	127.30	128.30	1.0	Tr		0.015	
		129.70- 132.59: Aphanitic weakly amygdaloidal mafic volcanic								
		-grey green								
		-aphanitic to very fine-grained								
		-trace 1-3mm calcite-quartz amygdules set in bleached mafic (to								
		possibly andesitic) matrix (10- 15% pervasive Fe-carbonate with								
		minor calcite)								
		-upper contact sharp 70- 80° cax								
		-nil pyrite								
	132.59	End of hole								

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No 90 A- 142

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

Feuille No 14 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		21 boxes								
		Samples assayed for gold by fire Assay								
		Series 3201- 3235 inclusive (35)								
		3133- 3150 inclusive (28)								
		TOTAL: 63 samples								
		Samples 3201- 3235 incl Fire Assay AAS (30g fused sample) at Chemex Labs								
		Samples 3133- 3150 incl Fire Assay (1/2 assay ton) at Agnico-Eagle Lab								
		All rejects & Pulps (#2) from Agnico were repulverized and Fire Assay								
		AAS (1/2 assay ton) at Chemex Labs								
		Agnico-Eagle Pulp #1 was not repulverized but was Fire Assay AAS								
		(1/2 assay ton) at Chemex Labs								
		Marc Legault géologue								
		C.P. 87								
		Val d'Or (Québec)								
		J9P 4N9								

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MINES AGNICO EAGLE LTÉE
P-90 NARM DP

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No 90 A- 143

Feuille No 1 de

De à

Profondeur totale: 138.38m

Projet	: Vezza Option	Ligne :	Ord. :	Profondeur	: 0	45.7	91.5m	133.5m	Couronne
Claim	: 455694-1	Section : 16450E	Ord. : 9953N	Plongée	: -52	-48°	-39°	-38°	AX: EX:
Canton	: Vezza	Lat. : 16450.04E	Long. : 9953.13N	Azimut	: -	-	-	-	AQ:
Rang	: -	Elévation Orifice: Grid 998.99m		Commencé le : 6 February 1990					
Lot	: -	Azimut: Grid 1°48' Astron. 7° 42'		Terminé le : 7 February 1990					
N.T.S.	: 32F/12	Niveau: Surface		Entrepreneur : N. Morissette (Val d'Or)					

Journal: Marc H. Legault
Date: February 1990

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	19.15	Overburden (BQ casing left in hole)								
19.15	117.70	Interbedded Wacke and Argillite								
		72.30- 72.60: Interbedded Chert and minor Argillite								
		95.50- 100.60 Moderate Carbonate Bleach Zone								
		100.60- 105.50: Weak Carbonate Bleach- Shear Zone								
		105.50- 107.50: Moderate Carbonate Bleach Zone								
		107.50- 109.50: Moderate Banded Carbonate- Silica, weak Sericite								
		Alteration Zone								
		109.50- 112.10: Moderate- Strong Carbonate- Silicification Zone								
		112.10- 113.05: Argillaceous Shear Zone (Carbonate Altered)								
		113.05- 115.0: Moderate Banded Carbonate- Silica- Moderate Sericite Alteration Zone								
		115.0- 117.70: Moderate- Strong Carbonate- Silicification Zone								
117.70	119.20	Sheared Carbonate Altered Gabbro								
119.20	120.0	Argillaceous Shear Zone- Breccia Zone								
120.0	124.20	Carbonate Bleached Gabbro								
		120.0- 121.0: Sheared Upper Contact								
124.20	138.38	Massive fine-grained to Variolitic Mafic Volcanic	Refer. J.L. Corriveau, May 3, 1990							
		125.70- 126.50: Quartz vein- Arsenopyrite Zone								
		134.80- 138.38 Arsenopyrite Zone								
	138.38	End of Hole								

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est	Au. oz. T	Vérif.	
0	19.15	Overburden (BQ casing left in hole)									
19.15	117.70	Interbedded Wacke and Argillite									
		-alternating light grey and grey-black bands									
		-70% 1-150cm thick bands of wacke-siltstone (50 cm average) 30%									
		1mm- 50cm thick bands of aphanitic black argillite (10cm avera-									
		ge)									
		-wacke: trace- 5% 0.1- 1.5mm anhedral subrounded quartz grains;									
		trace- 2% 1-3mm angular light coloured lithic fragments; trace-									
		5% 0.5mm anhedral equant grey white feldspar grains; fine-grai-									
		ned clastic matrix intermediate grey (andesite- dacite) composi-									
		tion									
		-grain size difference between wacke and siltstone (very fine-									
		grained)									
		-up to 3% 1mm- 10cm angular argillite chips in coarser bands of									
		wacke (ie definitely a sediment)									
		-argillite: black aphanitic very weakly banded; slaty cleavage									
		generally weakly sheared									
		-grading very weakly developed in wacke- siltstone sets (often									
		fining down hole ie to north)									
		-schistosity generally parallel to bedding 50° cax									
		-trace to nil 1-3mm disseminated pyrite cubes									
		-very weak pervasive calcite in wacke only									
		-1% calcite veinlets along argillite schist planes									

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Feuille No 3 de

De à

Profondeur totale:

Journal:

Date:

Projet : Ligne : Ord. : Profondeur :

Claim : Section : Ord. : Plongée :

Canton : Lat. : Long. : Azimut :

Rang : Elévation Orifice: Commencé le :

Lot : Azimut: Terminé le :

N.T.S. : Niveau: Entrepreneur :

Couronne AX: EX: AQ:

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est	% po est	Au. oz. T Chemex	Vérif.
		-Interval generally weakly fractured (1- 5/m at 10- 30cm inter-								
		vals)								
		19.15- 25.0: Weak irregular («1% overall) 1-5mm chlorite-calcite	3265	19.50	21.0	1.50	Tr		0.005	
		filled fractures cut foliation (almost spider web pattern)	3266	24.0	25.50	1.50	Tr		«.005	
		trace pyrite: narrow limonite stained fractures at 25.0m								
		25.0- 28.0: Argillite rich interval; schistosity (50° cax) at								
		shallow angle to banding (50° cax)								
		28.0- 80cm coarse wacke-siltstone set; grades from almost pebble	3267	31.0	32.50	1.50	Tr		«.005	
		conglomerate (10% 1mm- 3cm alligned argillite clasts) to fine-								
		grained wacke-siltstone (tops down hole ie north)								
		34.0- 38.0: Weak chlorite calcite fracturing (similar to (19.15-								
		25.0)	3268	36.0	37.50	1.50	Tr		0.010	
		-very weak pervasive sericitization (faint waxy yellow colour to								
		wacke)								
		38.0- 42.0: Weakly developed grading in wacke-siltstone sets;								
		tops downhole (ie to north); banding parallel to schistosity								
		55° cax								
		45.0- 52.50: Banding 55- 60° cax; bedding disjointed; observe	3269	48.0	49.50	1.50	Tr		0.010	

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

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Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES			
			No:	De	A	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		local isoclinal folding; bedding weakly sheared minor white								
		barren quartz veins 35- 90° cax	3270	49.50	50.50	1.0	Tr		0.015	
		52.50- 53.30: schistosity 60° cax. Cut bedding 60° cax; 3-5%								
		mm anhedral grey porphyroblasts in argillite (andolusite?)								
		53.30- 72.30: Banding transposed- weakly sheared; relatively								
		unaltered								
		(58.20- 58.90) 5% cm white quartz veins 35- 50° cax	3271	58.0	59.0	1.0	Tr		«.005	
		(71.80) 10cm cherty band 55- 60° cax	3272	71.0	72.0	1.0	Tr		0.035	
		72.30- 72.60: Banded Chert and minor Argillite	3273	72.0	73.0	1.0	Tr		0.030	
		-70% alternating 1-5mm light grey and grey-black chert bands;	3274	73.0	74.0	1.0	Tr		0.025	
		minor 5-15mm thick argillite interbedded								
		-bedding 60° cax								
		-several fractures with mm displacements oriented sub parallel								
		to the core axis and dipping vertically								
		72.60- 95.50: Interbedded Wacke and minor Argillite as in main	3275	80.50	82.0	1.50	Tr		0.025	
		unit description except banding 60° cax	3276	82.0	83.50	1.50	Tr		0.020	
		-relatively unsheared	3277	90.50	92.0	1.50	Tr-0.5%		0.010	
		-faint bleaching due to 3-5% mm Fe-carbonate in matrix of wacke	3278	92.0	93.50	1.50	Tr-0.5%		0.025	
		-trace- 1-5mm disseminated pyrite cubes								

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	A	Long.	% Py est.	% po est.	Au. oz. T Chemex	Vérif.	
		95.50- 100.60: Moderate Carbonate Bleach Zone									
		-pale grey to grey orange (where carbonate surface weathers)	3279	95.50	97.0	1.50	0.5%		0.010		
		-partial textural destruction	3280	97.0	98.50	1.50	0.5%		0.040		
		-70% wacke, 30% banded argillite	3281	98.50	99.50	1.00	Tr-0.5%		0.020		
		-wacke bleached to light grey (and weathers grey orange) likely	3282	99.50	100.50	1.00	Tr		0.060		
		due to 5-10% pervasive Fe-carbonate; argillite bands (1-3cm									
		thick) are bleached to medium grey (aphanitic); argillite re-									
		tains weak moderate schistosity (60° cax)- 3-5% Fe-carbonate in									
		argillite									
		-progressive increase in bleaching to 96.0 and gradual decrease									
		in intensity from (100.0- 100.50)									
		-0.5% 1-2mm anhedral clots of fine-grained pyrite in wacke									
		-argillite very weakly sericitized (99.0- 100.0)									
		100.60- 105.50: Weak Carbonate Bleached Sheared Argillite-Wacke	3283	103.50	104.50	1.00	Tr	Tr po	0.475		
		-similar to main unit description except	3284	104.50	105.50	1.00	Tr		0.140		
		1) 70- 80% cm banded argillite alternating with 1-5cm bands of									
		bleached wacke									
		2) Wacke is bleached medium grey, argillite locally weakly blea-									
		ched due to 3-5% pervasive Fe-carbonate (especially in wacke)									
		and 2-3% fine fracture filling irregular mm Fe-carbonate									
		veinlets									
		3) bedding moderately sheared- transposed contorted; disjointed									
		wacke bands are parallel to schistosity (60- 65° cax) and									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif. Chemex reject	Chemex P#1 / P#2
		have feathery-jagged extremities									
		-trace 1-3mm pyrite cubes, minor 1-5mm pyrrhotite clots									
		-lower contact where bleaching affects both wacke and argillite.									
		(schistosity steepens to 65- 70° cax)									
		-weakly fractured 10- 20cm interval parallel to foliation									
		(101.70) 10cm cherty band similarily at 104.5m									
		105.50- 107.50: Moderate Carbonate Alteration Bleach Zone very	3285	105.50	106.50	1.0	Tr-nil		0.075		
		similar to (95.50- 100.50)	3286	106.50	107.50	1.0	Tr		0.145		
		-5-10% pervasive fine Fe-carbonate in wacke bands (70% overall);									
		3-5% Fe-carbonate in grey bleached aphanitic argillite bands									
		-schistosity parallel to banding (moderate shear) 65- 70° cax									
		-minor 1-3mm irregular carbonate veinlets cut banding at random									
		cax									
		-1% 1-5mm white carbonate veins									
		-trace to nil disseminated pyrite (mm)									
		-very faint sericite developed in bleached argillite near lower									
		contact							Agnico		
		107.50- 109.50 Moderate Banded Carbonate Silica weak Sericite	3151	107.50	108.50	1.0	Tr		0.48	0.27	0.27
		Alteration									0.34
		-Alternating waxy yellow grey and light grey bands	3152	108.50	109.50	1.0	Tr		0.41	0.27	0.21
		-Banded rock with progressive decrease in schistosity down hole									0.14
		-Silica carbonate alteration pervasively affects wacke bands									

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

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De _____ à _____

Profondeur totale: _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Pv est.	% po. est.	Au. oz. T	Vérif.	
		initially (sericitization- weak carbonate affects argillaceous									
		(?) bands)but progressively affects argillaceous bands; result									
		is gradual development of a more massive looking grey siliceous									
		rock									
		-Silica carbonate is pervasive replacement of groundmass (still									
		observe quartz grains in wacke) by silica and 10-15% fine Fe-									
		carbonate; in thicker bands (ie 10cm) alteration characterized									
		by 5-10% fine mm thick network of anastomosing siliceous veinlets.									
		-sericitized 1-5mm bandsare relict schistose argillite bands;									
		giving rock foliated banded appearance; as alteration increases									
		schist decreases									
		-Trace 0.5mm pyrite occurs in matrix, adjacent to sericite									
		bands (margins) or along rare mm thick black veinlets 1-5mm									
		long (tourmalene?) alligned parallel to schistosity (70° cax)									
		-lower contact pervasive alteration begins									
		109.50- 112.10: Moderate Strong Carbonate Silicification Zone									
		-variable pale-medium grey									
		-near total textural destruction (still see vague light-medium									
		grey banding and quartz grains in wacke)									
		-alteration (consisting of moderate-strong pervasive silicifica-									
		tion (hard) and Fe-carbonate (10-15% fine pervasive)) results									
		in a more massive looking rock; characterized by 5-10% fine									
		mm network of irregular anastomosing grey siliceous veinlets									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

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Couronne AX: EX: AQ:

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Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex reject	Chemex P#1
		cutting wacke									P#2
		-2-3% 1-3mm clots- irregular veinlets of grey quartz (vague									
		margins)									
		-faint fabric 70° cax (banding)									
		-trace 0.5% disseminated 0.5mm pyrite; local 1-3mm long sheared									
		veinlets (almost stringers) make up to 1% overall pyrite over									
		10- 30cm intervals (see below)									
		-trace mm arsenopyrite and mm sheared pyrrhotite									
								Aspy			
		(109.50- 110.0) Moderately developed alteration (80% by volume)	3153	109.50	110.50	1.0	Tr-0.5%	Tr	0.69	0.69	0.62
		Trace 0.5- 1mm disseminated pyrite; trace arsenopyrite in vein-									0.62
		lets	3154	110.5	111.50	1.0	1%	Tr po	13.30	12.60	13.00
		(110.0- 112.10) Moderate Strong Alteration: still see foliation									12.75
		but up to 1% fine 1mm X 10mm sheared veinlets of dark pyrite	3155	111.50	112.10	0.60	»0.5%		9.12	8.23	9.12
		alligned parallel to foliation (50% of interval varying in in-									9.05
		tensity over 10- 30cm intervals)									
		»5% pyrite overall; locally 10cm with 1% pin sized black specks									
		(near 111.40)- tourmalene?									
		-2-3% 3-5mm grey siliceous veins 70° cax									
		-upper contact gradual									
		-lower contact gradual against argillaceous Zone (over 20cm)									
		112.10- 113.05: Carbonate Altered Argillaceous Shear Zone	3156	112.10	113.05	0.95	0-5%		0.48	0.48	0.41
		-alternating black and light grey bands									0.48

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____

Couronne AX: EX: AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex reject	Chemex P#1 P#2
		-Zone consists of three intervals namely:									
		1) upper and lower contact zones 0.3- 0.5m thick consisting									
		of 90% 1-5cm thick moderately sheared bleached light grey									
		wacke (15- 20% pervasive Fe-carbonate- not silicified) and									
		10% 1-5mm slips of black sheared argillite towards the center									
		of the zone;									
		2) 30cm wide sheared black argillaceous schist with 10- 50% vi-									
		sible mm-cm strongly deformed carbonatized fragments (3-5:1)									
		alligned parallel to schistosity;									
		-fragments are ribbon-like with jagged extremities									
		-likely a tectonic breccia- shear zone									
		-schistosity 60- 75° cax									
		-0.5% 1-5mm pyrite clots sheared in argillite									
		-within lower 50cm, observe apparently low angle displacement									
		of schist beds; if orient schistosity (east west, steep south									
		dip) disruption plane trends north northeast or north northwest									
		sub vertical dip									
		-lower and upper contacts alterations change rapidly									
		113.05- 115.0: Moderate Banded Carbonate- Silicification- Mode-	3157	113.05	114.0	0.95	Tr-0.5%		0.27	0.27	0.21
		rate Sericite Alteration Zone									0.21
		very similar to (107.50- 109.50) except sericite- carbonate	3158	114.0	115.0	1.00	Tr-0.5%		1.10	1.10	0.89
		altered intervals more abundant (50- 60%) and silicification									1.37
		begins to dominate in lower 1- 1.5m of interval									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

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Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	chemex reject	chemex P#1 P#2
		-Tr 0.5% disseminated pyrite throughout (mm clots)									
		-upper contact gradual increase in bleach- sericitization									
		-schistosity 65- 70° cax									
		115.0- 117.70: Moderate Strong Pervasive Carbonate Silicification	3159	115.0	116.0	1.0	Tr		0.82	0.82	0.75
		Zone similar to (109.50- 112.10) except rock is generally more									0.96
		massive looking (still see quartz grains in wacke protolith)	3160	116.0	117.0	1.0	Tr		10.01	7.68	8.67
		because alteration (or protolith) is pervasive									8.64
		-also trace very fine disseminated pyrite (locally along schist	3161	117.0	117.70	0.70	Tr		2.54	2.13	2.54
		planes									2.81
		-lower contact sharp (70° cax)									
		-1-3% 1-5mm quartz veins 45- 70° cax									
117.70	119.20	Sheared Carbonate Altered Gabbroic Intrusion (or coarse volcanic	3162	117.70	118.20	0.50	Tr		0.69	0.89	0.62
		flow)									0.55
		-pale grey green with dark green spots									
		-moderately sheared rock interpreted to be gabbro because of									
		similarities with Gabbro-volcanic interval below (ie 120.0- 124.20)									
		-bleached grey green Fe-carbonate-rich bleached matrix (15- 20%									
		pervasive fine carbonate) with 1-2% sheared mm irregular leuco-									
		xene									
		-10-15% sheared 1-3mm long light medium green chloritic pheno-									
		blasts (remnant mafic phenocrysts)									
		-very weak sericite helps (along with flattened chlorite clots)									

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MINES AGNICO EAGLE LTÉE

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No 90 A- 143

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex P#1 P#2
		define schistosity 70- 75° cax									
		-trace pyrite except for									
		(118.70- 119.0) where lose chloritic phenoblasts and 0.5- 1%	3163	118.20	119.20	1.0	0.5%		6.93	5.69	6.24
		1-2mm weakly sheared pyrite clots and minor 1-3mm irregular									6.79
		quartz veinlets									
		(119.0- 119.20) weak fractured, 10cm strongly silicified bleach									
		band (similar to strong alteration near (115.0- 117.70))									
		adjacent to 10cm quartz vein marking lower contact (70° cax)									
		(minor epidote in fracture) trace pyrite									
114.20	120.0	Argillaceous Shear Zone Breccia Zone	3164	119.20	120.0	0.80	Tr		0.69	0.55	0.41
		similar to (112.10- 113.05) except									0.48
		1) upper contact fractured over 10cm; lower contact fractured									
		2) schistosity 75- 80° cax									
		3) fragments in schist zone more strongly flattened									
		-lower contact gradual; where sheared carbonatized Gabbro no									
		longer cut by argillaceous slips									
120.0	124.20	Carbonate Bleach fine-medium Grained Gabbro (or coarser volcanic									
		flow)									
		-similar to (117.70- 119.20) ie:									
		-15- 20% 1-3mm dark chloritic clots (relict mafic phenocrysts)									
		(generally sheared parallel to foliation) in a Fe-carbonate									
		(10- 15% pervasive) bleached light grey green matrix (complete									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

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De _____ à _____

Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		textural destruction except for 2- 3% mm leucoxene grains)							Agnico	Chemex reject	Chemex P#1
		-1-3% quartz carbonate veins (1-5mm thick) 60- 70° cax									P#2
		-trace disseminated mm pyrite									
		-lower contact sharp 55° cax (schistosity 60- 55° cax)									
		120.0- 121.0: Strongly sheared upper contact; schistosity 70° cax	3165	120.0	121.0	1.0	Tr-0.5%		0.21	0.07	0.07
		can't see mafic phenocrysts (reappear near 120.50m); 1-5% 1-5mm									0.07
		discontinuous quartz veinlets; trace- 0.5% 1-2mm pyrite clots							Chemex		
		-alteration, mineralization and shearing decrease from upper con-	3287	121.0	122.50	1.50	Tr-nil		0.100		
		tact (and schistosity decrease from 70° cax to 60° cax)	3288	122.50	123.50	1.00	Tr		0.075		
124.2	138.38	Massive fine-grained to Variolitic Mafic Volcanic									
		-pale grey green									
		-fine-grained to aphanitic									
		-generally fine-grained volcanic looking rock with 1-2% leucoxe-									
		nes, weakly bleached (Fe-carbonate 3-5%), cut be irregular									
		quartz-chlorite fractures									
		-variable grain size textures typical of volcanic									
		-locally 1-3m thick intervals (with sharp to gradual contacts)									
		with 25- 50% 1-5mm ovoid aphanitic blobs with rounded to irre-									
		gular edges set in slightly darker matrix- interpret to be va-									
		rioles; varioles may coalesce to from 1-2cm irregular rafts of									
		varioles; when altered varioles tend to be zones (ie mm bleached									
		margins with dark cores)									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 13 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
								Aspy	Chemex		
		-Rock generally weakly bleached and sheared weakly 55° - 60° cax									
		-1- 2% 1-5mm white quartz veins 45- 65° cax									
		-Generally rare trace mm pyrite									
		124.20- 130.30: fine-grained Aphanitic Volcanic	3289	123.50	124.70	1.20	Tr		0.085		
		-as in main unit description	3290	124.70	125.70	1.0	Tr		0.010		
		-weak carbonate bleach									
		(125.70- 126.50) 10% 1-2cm quartz veins at 0- 35° cax with	3291	125.70	126.55	0.85	1%	0.5%	0.030		
		0.5% 1-2mm arsenopyrite needles distributed along vein contacts	3292	126.55	127.50	0.95	0.5%		0.015		
		and in relatively moderately bleached mafic wallrock 0.5- 1%									
		1-3mm pyrite clots									
		(126.50- 128.50) 0.5- 1% 1-3mm pyrite clots; minor cm quartz	3293	127.50	128.50	1.0	0.5-1%		«.005		
		veins									
		130.30- 131.40: Carbonate Bleached Gabbro Interval; identical									
		to (120.0- 124.20); schistosity 75- 80° cax; 3- 5% 1-5mm									
		quartz veins 55- 70° cax; lower contact vague; upper contact									
		65° cax; fractured at 5- 10cm intervals									
		131.40- 134.80: Bleached Variolitic Interval									
		-as in main unit description									
		-trace 1- 10mm pyrite clots									
		-lower contact sharp 65° cax, but adjacent volcanic has similar									

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Feuille No 14 de

Projet :	Ligne :	Ord. :	Profondeur :	Couronne	De à
Claim :	Section :	Ord. :	Plongée :	AX: EX:	Profondeur totale:
Canton :	Lat. :	Long. :	Azimut :	AQ:	
Rang :	Elévation Orifice:		Commencé le :		
Lot :	Azimut:		Terminé le :		Journal:
N.T.S. :	Niveau:		Entrepreneur :		Date:

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est	% po. est	Au. oz. T	Vérif.	
		composition (ie textural contact may not be actual flow contact.						Aspy	Chemex		
		134.80- 138.38: Bleached Massive fine-grained Volcanic	3294	133.80	134.80	1.0	Tr-0.5	Tr-0.5		0.050	
		-3- 5% pervasive Fe-carbonate	3295	134.80	135.80	1.0	Tr-0.5	0.5-1%		0.160	
		-schistosity 70- 75° cax	3296	135.80	136.80	1.0	Tr	Tr-0.5		0.505	
		-5%(overall) 1-2cm white quartz veins 0- 90° cax which follow	3297	136.80	138.38	1.60	0.5%	Tr-0.5		2.50	
		(and are ptygmatic folded) along cax.									
		-0.5- 1% 1-3mm arsenopyrite disseminated along vein									
		margins and in matrix of volcanic									
		-0.5% 1-3mm disseminated pyrite clots									
	138.38	End of hole									
		Sample series:									
		21 boxes 3151- 3165 incl (15)									
		3265- 3297 incl (33) total of 48 samples									
		Samples 3265- 3297 Fire Assay- AAS (30g fused sample) at Chemex Labs									
		Samples 3151- 3165 incl Fire Assay (1/2 assay-ton) at Agnico-Eagle Lab									
		All Agnico rejects & Pulps #2 repulverized for Assay AAS (1/2 assay-ton) at Chemex Labs									
		Agnico Pulps #1 not repulverized but Fire Assay (1/2 assay-ton) at Chemex Labs									

Marc Legault géologue
C.P. 87
Val d'Or (Québec)
J9P 4N9

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MINES AGNICO EAGLE LTÉE
P-90 NARM DP

JOURNAL DE SONDAGES

No 90 A- 144

Feuille No 1 de

De à

Profondeur totale: 53.34m

Journal: Marc H. Legault

Date: February 1990

Projet	: Vezza Option	Ligne	:	Ord.	:	Profondeur	: 0	53.3m	Couronne
Claim	: 455694-1	Section	: 16475E	Ord.	: 10025N	Plongée	: -52°30'	-44°	AX: EX:
Canton	: Vezza	Lat.	: 16475.43E	Long.	: 10025.18N	Azimut	: -	-	AQ:
Rang	:	Elévation Orifice:	Grid 1000.96m			Commencé le	: 12 February 1990		
Lot	:	Azimut:	Grid 358°11' astron 4°05'			Terminé le	: 13 February 1990		
N.T.S.	: 32F/12	Niveau:	Surface			Entrepreneur	: N. Morissette (Val d'Or)		

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Pv est	% po. est	Au. oz. T	Vérif.
		SUMMARY								
0	15.15	Overburden (BQ casing in hole to 15.25m)								
15.15	19.0	Interbedded Oxyde facies Iron formation and Argillite								
19.0	39.90	Interbedded Argillite and Wacke								
		20.0- 23.25 Weak Carbonate- Sericite Alteration Zone								
		23.25- 29.50: Weak Carbonate Bleach Zone								
		29.50- 30.50: Weak Banded Silicification- Carbonate Alteration Zone								
		30.50- 39.90: Moderate-Strong Carbonte- Silicification Zone								
39.90	41.35	Argillaceous Shear Zone- Breccia Zone								
41.35	53.34	Fine-medium grained Gabbro								
		41.35- 41.60: Aphanitic felsic dyke								
		41.60- 42.50: Aphanitic Carbonate Altered mafic Volcanic	Ref. J.L. Corriveau			May 3, 1990				
		42.50- 50.0: Moderate-Strong Carbonate Alteration Zone								
	53.34	End of hole								

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	A	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
0	15.15	Overburden (BQ casing in hole to 15.25m)								
15.15	19.0	Interbedded Oxide facies Iron Formation and Argillite								
		-alternating black and deep red bands and dark grey bands								
		-banded texture								
		-alternating 25- 30% 5-10cm thick bands of oxide-facing iron								
		formation, chert (10- 20%) and argillaceous sediment (25-40cm								
		thick intervals); iron formation occurs at 25- 50cm intervals.								
		-Iron formation: 5- 50% mm-cm thick fine-grained massive magneti-								
		te bands (or disseminated in) with deep red jasper chert (finely								
		mm bedded); generally fractured and injected with mm quartz								
		veinlets along bedding planes or along cleavage cutting bedding;								
		-chert bands: grey-black- very weakly banded- occur adjacent								
		or within iron formation interval; describe as dirty (argilla-								
		ceous)								
		-Argillite: catch all term (ie siltstone to siliceous argillite)								
		for dark sediments occuring between iron formation and chert								
		intervals; generally cm banded; banding difficult to see some-								
		times								
		-schistosity 55° cax defined easily in argillaceous units as fine								
		planar fabric but is a mm spaced cleavage foliation variably								
		developed in chert and iron formation								
		-banding (well defined in iron formation) varies within the								
		interval:								

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		if orient schistosity cleavage such that it trends east-west									
		with a steep south dip (ie regional trend) then									
		(15.15- 17.0) banding is parallel to schistosity- 55° cax									
		(17.0- 18.0) banding is 45- 50° cax; banding trends northeast									
		dips steep southeast (?)									
		(18.0- 19.0) banding 40° cax; cut by schistosity- cleavage									
		(very clearly defined); banding trends northeast and dips									
		nearly vertically									
		-lower contact where red chert bands end									
		-3-5% 1-10mm thick quartz veins injected along bedding or (sub)-									
		parallel to schistosity (minor calcite)									
		-1-5% pervasive Fe-carbonate in sediments (rarely in iron forma-									
		tion)									
		-locally minor sulphides replace (?) magnetite (fractured areas									
		with limonitic stains- effect of ground water?); trace pyrrho-									
		tite									
		-trace- 1% (over cm) mm disseminated arsenopyrite in iron forma-									
		tion bands only (50% of bands only) where quartz vein injected									
		fracturing variable									
		(15.15- 15.75) strongly fractured- core broken subparallel									
		to schistosity at 1-3cm intervals									
		(15.75- 16.25) fractured at 10- 20cm intervals subparallel to									
		schistosity									
		(16.25- 16.45) Limonite stained; weathered broken core									

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne
AX: EX:
AQ:

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Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Aspy	Vérif. Chemex
		(16.45- 19.0) fractures at 10- 30cm intervals 60- 90° cax								
		15.15- 16.25: 10% jasper-chert bands, 90% argillaceous sediments	3236	15.15	16.15	1.0	Tr			0.030
		16.25- 17.15: 10% lean iron formation bands; 90% chert and sedi-	3237	16.15	17.15	1.0	2-3%	Tr	Tr	0.015
		ments	3238	17.15	18.10	0.95	2-3%	Tr	Tr	0.065
		17.25- 19.0: 25- 30% rich iron formation (25- 60% magnetite)								
19.0	39.90	Interbedded Argillite and Wacke								
		-alternating medium-light grey bands and dark grey-black bands								
		-weak to moderate textural preservation (description from least								
		altered interval)								
		-60- 70% wacke-siltstone bands 1-50cm thick (3- 5cm average) al-								
		ternate with 30- 40% grey-black 0.5- 2cm thick aphanitic argil-								
		lite bands.								
		-Argillite; moderately sheared (slaty cleavage) aphanitic weak								
		to finely banded- no visible grading; sharp contacts with colour								
		(and grain size) contrasting wacke-siltstone								
		-Wacke-siltstone; aphanitic- very fine-grained (siltstone)								
		intermediate composition (andesite-dacite) with up to Tr- 5%								
		0.5- 1.5mm subrounded quartz grains; no visible lithic grains								
		(likely obscured by alteration								
		-banding parallel to schistosity 50- 55° cax; banding likely								
		transposed due to shearing (see discontinuous bands often)								
		-see intervals below								

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	A	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		19.0- 20.0: Grey bleached zone- hard to see banding; possible							Chemex		
		narrow grey chert bands; fractured 65° cax; trace pyrite	3239	18.10	19.0	0.90			0.435		
			3240	19.0	20.0	1.0	Tr		0.225		
		20.0- 23.25: Weak Carbonate- Sericite Alteration Zone									
		-banded alternating waxy grey-yellow and light grey	3241	20.0	21.0	1.0	Tr		0.170		
		-moderate textural preservation	3242	21.0	22.0	1.0	Tr		0.075		
		-alteration bleaches both argillite and wacke bands; Wacke	3243	22.0	23.25	1.25	Tr		0.025		
		becomes very pale grey to faintly waxy yellow due to 10-15%									
		pervasive Fe-carbonate and fine sericite									
		-argillite becomes waxy yellow and schistose as sericite carbo-									
		nate alteration increases; alteration decreases downhole									
		-rock still visibly sheared altered sediment									
		-trace- 0.5% disseminated to mm veinlets pyrite (veinlets paral-									
		lel to banding)									
		-Schistosity 50- 55° cax									
		-lower contact approximate (where alteration very faint)									
		23.25- 29.50: Weak Carbonate Bleach Zone	3244	23.25	24.50	1.50	Tr		0.080		
		-basically main unit description	3245	24.50	26.0	1.50	Tr		0.170		
		-50% argillite-wacke bands are bleached grey (almost icy looking)	3246	26.0	27.50	1.50	Tr		0.145		
		vague contacts with less altered argillaceous bands (50% in-	3247	27.50	28.50	1.00	Tr		0.155		
		terval cm bands)	3248	28.50	29.50	1.00	Tr		0.050		
		-5-10% pervasive fine Fe-carbonate and 3- 5% calcite									
		-schistosity moderately developed (banding is parallel) 55° cax									

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MINES AGNICO EAGLE LTÉE

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Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-possibly very weak silicification overall especially down hole									
		-1-2% cm white quartz veins subparallel to cutting schistosity									
		-trace mm disseminated pyrite									
		-locally faint sericite alteration of bleached argillite bands									
		29.50- 30.50: Weak Banded Silicification- Carbonate Alteration									
		Zone									
		-banded pale grey and medium grey									
		-30- 50% 5-20cm hard fine-grained massive silicified (with 5-15%	3249	29.50	30.50	1.00	Tr		1.370		
		Fe-carbonate) bands (altered wacke- see grains) alternates									
		with bleached banded argillite-wacke (as above)									
		-penetrative pervasive alteration which makes intervals less									
		foliated									
		-2-3% 1-2cm quartz veins parallel to schistosity (55° cax)									
		-trace mm disseminated pyrite									
		-fractured, limonitic staining over 15cm near 30.20m									
		-lower contact where silicification becomes dominant (approximate)									
		30.50- 39.90: Moderate-Strong Carbonate Silicification Zone									
		-pale- medium grey									
		-very faint banding to massive									
		-penetrative alteration which (when pervasive) near totally									
		destroys sedimentary fabric; see vague banding from relict									
		argillite; wacke intervals (see quartz eyes in wacke)									

MINES AGNICO EAGLE LTÉE

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No 90 A- 144

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	A	Long.	% Py est.	% po. est. Aspy	Au. oz. T Agnico g/ton	Vérif. Chemex reject.	Chemex Pulpe
		-Alteration consisting of pervasive silicification and 10-15%									
		pervasive fine Fe-carbonate (no calcite) makes rock near massive									
		-Alteration characterized by 5-15% mm network of fine carbonate-									
		silica veinlets (hairlike meshing) at random orientations									
		(locally see predominant orientation 45- 55° cax not necessarily									
		parallel to banding or weak schistosity)									
		-Progressive alteration along narrow intervals which, as altera-									
		tion increases, becomes pervasive									
		-3-5% grey 1-5mm quartz veins subparallel to foliation (55- 60°									
		cax)									
		-Trace to 0.5% disseminated 0.5mm pyrite; pyrite also occurs									
		along narrow dark (chloritic) fractures which are irregular									
		but follow schistosity (1-5mm intervals over a 20cm thick band)									
		-Trace disseminated arsenopyrite									
		(30.50- 33.0) moderate pervasive alteration; still see relict	3250	30.50	31.50	1.0	Tr	Tr	1.30	1.20	1.13
		banding, weak schistosity due to remnant sericite (incomplete	3251	31.50	32.50	1.0	Tr		3.02	3.33	3.57
		silicification) minor arsenopyrite at veinlet 60° cax at	3252	32.50	33.50	1.0	Tr-0.5%		1.23	0.97	1.11
		(30.9- 31.10) limonite staining along fractured core near 30.0									
		-0.5% along fractures (33.10- 33.50)									
		(33.0- 35.50) Moderate Strong Pervasive Alteration	3253	33.50	34.50	1.0	0.5%		7.95	6.09	7.83
		textures very hard to see; rock cut by 15- 20% silica-carbonate	3254	34.50	35.50	1.0	Tr-0.5%		1.10	0.99	1.03
		veinlets; trace to up to 1% pyrite as clots and along mm fine									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

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Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Pv est.	% po. est.	Au. oz. T	Vérif.	
								Aspy	Agnico g/ton	Chemex reject	Chemex Pulpe
		chloritic fractures (30% interval cut by such fractures)									
		-lower contact approximate									
		-15cm quartz vein (65° cax) with minor pyrite along mm black									
		chloritic (tourmaline?) fractures 65- 90° cax									
		(35.50- 37.60) Moderate Pervasive Alteration	3255	35.50	36.50	1.0	Tr		0.69	0.38	0.48
		-similar to (33.0- 35.50) except level of alteration relatively	3256	36.50	37.60	1.10	Tr		1.23	1.23	1.34
		weaker and only traces of pyrite generally									
		-locally veinlet network near 40° cax preferred orientation									
		-lower contact approximate									
		(37.60- 39.90) Strong Pervasive Alteration Zone	3257	37.60	38.50	0.90	0.5%		1.51	1.51	1.77
		-similar to (33.0- 35.50) except rock has a banded appearance	3258	38.50	39.40	0.90	0.5%	Tr	1.58	2.50	1.56
		-alteration obscures textures; banding is vague- discontinuous	3259	39.40	39.90	0.50	0.5%	Tr	2.67	2.50	3.51
		55° cax									
		-pervasive network of 1-2mm silica-carbonate 1-2mm irregular									
		veinlets crosscut rock banding (20- 30% overall)									
		-light colour 1-5cm bands are fine-grained (can't see quartz									
		grains); dark interstitial bands are almost same composition									
		-5% fine dark chloritic fractures (discontinuous) parallel to									
		foliation which have »0.5% 0.5mm pyrite disseminated-smeared									
		along them; minor mm pyrite veinlets									
		-Trace 0.5mm arsenopyrite									
		-upper contact gradual; lower contact sharp 70° cax									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

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Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est. Aspy	Au. oz. T Agnico g/ton	Vérif. Chemex reject	Chemex Pulpe
		-10% 5-10mm white quartz veins at 60- 90° cax within 15cm of									
		lower contact									
		-strongly sheared carbonate altered at lower contact (2cm)									
39.90	41.35	Argillaceous Shear Zone- Breccia Zone	3260	39.90	41.35	1.45	Tr?		0.27	0.19	0.25
		-light brown with black slips and bands									
		-strongly sheared to clastic rock									
		-trace to 50% (30% overall) black schistose argillaceous									
		(almost graphitic) matrix with polymictic fragments (tectonic									
		breccia)									
		-basically assymmetric unit which from:									
		(39.90- 40.80) consists of a sheared carbonatized aphanitic (?)									
		possible volcanic (?) with 15- 20% pervasive Fe-carbonate									
		(schistosity 70° cax) and 1% narrow argillaceous slips; argil-									
		laceous material increases in volume until almost veinlike									
		(with carbonate)									
		(40.80- 41.35) 40- 70% carbonatized volcanic fragments (mm-5cm)									
		and grey felsic fragments in argillaceous schist; upper contact									
		see fragments spalling into fault matrix; schistosity decreases									
		to 60° cax									
		-lower contact sharp against felsic dyke									
		-trace pyrite									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex reject	Chemex pulp
41.35	53.34	Fine-medium grained Gabbro (or coarse grained flow)									
		-dark green with green-black spots									
		-in relatively unaltered areas- massive									
		-fine-medium grained gabbroic rock with 20- 30% dark 1-3mm									
		irregular chloritic clots (relict mafic phenocrysts) set in									
		a poorly crystallized microgabbroic matrix (chlorite- epidote)									
		-trace leucoxene grains									
		-10- 15% pervasive calcite									
		-2- 3% mm irregular calcite veinlets									
		-weak schistosity 55- 60° cax									
		-trace mm pyrite									
		41.35- 41.60: Aphanitic grey felsic dyke; upper contact sharp									
		60° cax; lower contact fractured over 2cm; weak schistosity									
		55- 60° cax									
		41.60- 42.50: Aphanitic Carbonatized Mafic Volcanic (or chill									
		zone)	3261	41.35	42.50	1.15			«.07	«.03	0.10
		-aphanitic grey weakly sheared volcanic looking bleached rock;									
		10- 15% pervasive Fe-carbonate; schistosity 60° cax									
									Chemex		
		42.50- 50.0: Moderate Strong Carbonate Alteration	3262	42.50	44.0	1.50			0.005		
		-pale grey with grey-green clots	3263	44.0	45.50	1.50			«.005		
		-complete textural destruction of matrix elements by 15- 20%	3264	45.50	47.0	1.50			0.010		

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		pervasive Fe-carbonate								
		-1-2% mm leucoxene grains								
		-5-15% 1-2mm anhedral relict mafic phenocrysts sheared (3-5:1)								
		parallel to schistosity (55- 60° cax)								
		-weak green mica staining very locally; occasional sericite de-								
		veloped (forms schist planes)								
		-3- 5% 1-5mm carbonate veinlets								
		-lower contact approximate; gradual decrease in alteration								
		-minor limonite stains along fractures 50-70° cax								
		50.0- 50.50: aphanitic interval (similar to (41.60- 42.50))								
	53.34	End of hole								
		7 boxes; sample series A 3236- 3264 inclusive (29 samples)								
		Samples 3236- 3249 incl, 3262- 3264 incl (17) Fire Assay AAS								
		(fused 30g sample) at Chemex Labs								
		Samples 3250- 3261 incl (12) Fire Assay (1/2 assay ton) at								
		Agnico-Eagle Lab								
		All Agnico Pulps & Rejects repulverized Fire Assay-Gravimetric								
		(30g fused sample) at Chemex Labs								

Marc Legault géologue

C.P. 87
Val d'Or (Québec)
J9P 4N9

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MINES AGNICO EAGLE LTÉE

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No 90 A- 145

Feuille No 1 de

De à

Profondeur totale: 83.82m

Projet	: P-90 NARM-DP Vezza Option	Ligne	:	Ord.	:	Profondeur	: 0	44.2m	83.8m
Claim	: 455694-1	Section	: 16475E	Ord.	: 9995N	Plongée	: -52°	-41°	-36°
Canton	: Vezza	Lat.	: 16474.78E	Long.	: 9994.12 N	Azimut	: -	-	-
Rang	: -	Elévation Orifice:	Grid 1000.28m			Commencé le	: 07 February 1990		
Lot	: -	Azimut:	Grid 0°41' Astron: 6°35'			Terminé le	: 12 February 1990		
N.T.S.	: 32F/12	Niveau:	Surface			Entrepreneur	: N. Morissette (Val d'Or)		

Couronne AX: EX: AQ:

Journal: Marc H. Legault
Date: February 1990

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	16.05	Overburden (BQ casing to 16.46m)								
16.05	72.95	Interbedded Argillite and Wacke								
		49.40- 50.70: Weak-Moderate Sericite-Carbonate Alteration								
		50.70- 52.50: Interbedded Chert and Altered Wacke-Argillite								
		52.50- 55.0: Moderate Sericite-Carbonate- Weak Silicification								
		zone								
		55.0- 59.30: Weak Carbonate Bleach Zone: Shear Zone								
		59.30- 60.45: Moderate Carbonate- Weakly banded Silicification Zone								
		60.45- 72.95: Moderate Strong Carbonate- Silicification Zone								
72.95	83.82	Fine-medium grained Gabbroic Intrusion								
		72.95- 74.20: Strong Carbonate Weak Sericite Alteration- Shear Zone (Fractures)								
		74.20- 80.70: Moderate Carbonate Alteration								
		(75.20- 77.70) Fault Zone								
	83.82	End of Hole								
		Ref. J.L. Corriveau May3, 1990								

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No 90 A- 145

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0	16.05	Overburden (BQ casing to 16.46m- error in blocks corrected)									
		(core inverted to approximately 50m)									
16.05	72.95	Interbedded Argillite and Wacke									
		-alternating light grey and black									
		-50% fine-grained wacke (light grey) and 50% black argillite									
		-Wacke (siltstone) 1-150 cm thick (15- 20 average) bands; trace-									
		5% 0.1- 2.0mm anhedral subrounded quartz grains, trace 1% 1-3mm									
		angular lithic fragments (intermediate) and up to 1% mm argilli-									
		te chips set in a very fine grained silty (intermediate composi-									
		tion) matrix; occasionally in coarser bands, visible mm sube-									
		quant altered grey yellow feldspar (?) grains (3- 5%); silt-									
		stone gradational with wacke (same colour)									
		-Wacke may be quite siliceous over narrow intervals (see below)									
		-Argillite: black aphanitic 1mm- 20cm thick (3- 5cm average)									
		bands; slaty cleavage, weakly sheared									
		-no visible grading									
		-banding generally parallel to schistosity 55° cax but locally									
		see isoclinal folding (can't measure because uncertain of core									
		direction- know axes are vertical)									
		-banding sometimes cut by schistosity- slight rotation of bedding									
		schist planes along core axis									
		-Trace- 0.5% 1-5mm euhedral pyrite cubes									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est	Au. oz. T	Vérif.	
		16.05- 19.0: weakly fractured generally parallel to schistosity							Chemex		
		at 5-10cm intervals; limonite staining due to ground water									
		20.0- 20.20: Siliceous coarse wacke bands- possibly weakly graded	3299	21.70	23.20	1.50	Tr		0.035		
		tops up hole (ie to south?) banding cut by schistosity	3300	23.20	24.70	1.50	Tr		0.055		
		22.75- 23.20: Siliceous coarse wacke band									
		24.20- 24.75: fractured 2-5cm intervals; limonitic stains due									
		to ground water									
		24.75- 35.0: minor low angle to core axis micro faults (cm- dis-	3301	30.50	32.0	1.50	Tr		0.020		
		placement of beds- vertical dips (if orient schistosity east-	3302	33.50	35.0	1.50	Tr		«.005		
		west dipping steep south)									
		35.0- 49.50: Interval dominated by dark grey argillaceous wacke,	3303	39.50	41.0	1.50	Tr		0.010		
		quite massive fine- very fine-grained; schistosity 55- 60° cax									
		-trace- 0.5% 1-4mm euhedral pyrite									
		(47.0- 49.50) very weak bleach? 3-5% pervasive fine Fe-carbonate	3304	48.0	49.50	1.50	Tr		0.010		
		but no textural destruction: increased bleaching down hole									
		49.40- 50.70: Weak-moderate Sericite-carbonate Alteration	3305	49.50	50.70	1.20	Tr-nil		0.015		
		-light waxy yellowish grey									
		-schistosity moderately developed 65° cax									
		-wacke bleached light grey (5-10% pervasive Fe-carbonate)									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Pv est.	% po. est.	Au. oz. T Chemex	Vérif.	
		5% sericite as 1-3mm thick schist planes and slips (defines									
		foliation) and finely disseminated in wacke									
		-argillaceous bands are bleached									
		-alteration increases gradually down hole									
		-trace mm disseminated pyrite									
		50.70- 52.50: Interbedded Chert and altered Wacke Argillite	3306	50.70	51.70	1.0	Tr		0.030		
		-variable dark-light grey to local grey pink	3307	51.70	52.70	1.0	Tr-0.5%		0.550		
		-30% hard siliceous vaguely banded chert (or siliceous sediment)									
		and 5% finely banded beige-pink chert with interbedded sericite-									
		carbonate altered sediment (as in 49.50- 50.70)									
		-schistosity varies from 65 to locally 50° cax; banding quite									
		irregular- hard to follow except in beige-pink chert bands									
		-siliceous bands 5-30cm thick, chert 5-10cm thick									
		-trace pyrite along schist planes; 1-5% disseminated pyrite in									
		chert bands									
		-(50.70) 5cm chert band marks upper contact 65° cax									
		(50.70- 51.10) sericitized sediment									
		(51.10) 10cm cherty sediment band									
		(51.20- 52.30) altered sediment and siliceous bands									
		(52.30- 52.50) 50% pink beige chert- banding disrupted by low									
		angle micro faults and quartz veins									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	A	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		52.50- 55.0: Moderate Sericite-Carbonate- weakly Silicified Zone							Chemex	
		-very similar to (49.50- 50.70) except sericitization generally	3308	52.70	53.70	1.00	Tr		0.920	
		stronger and rock appears harder- silicified	3309	53.70	55.0	1.30	Tr-nil		0.105	
		-Weak- moderately sheared wacke bleached yellowish (sericite-								
		carbonate) but decreases in intensity down hole								
		-schistosity varies from 50° cax near upper contact to 70° cax								
		down hole								
		-mm siliceous veinlets ptygmatically folded throughout- banding								
		irregular- suspect transposed or at least isoclinal folding								
		-trace- nil disseminated pyrite								
		-lower contact approximate								
		55.0- 59.30: Moderately Sheared Weak Carbonate Bleach Zone	3310	55.0	56.0	1.00	Tr		0.660	
		-finely (1-5mm) banded light-dark grey	3311	56.0	57.0	1.00	Tr		0.090	
		-deformation and weak penetrative alteration results in a strong-	3312	57.0	58.0	1.00	Tr	Tr	0.165	
		ly foliated rock- unmistakeable Argillite-wacke)	3313	58.0	59.30	1.30	Tr		0.170	
		-1-5mm alternating disjointed irregular dark argillite and								
		light grey bleached wacke (5- 10% pervasive Fe-carbonate) bands								
		alligned 70° cax								
		-3-5% cm quartz veins parallel to schistosity								
		-any relict bedding transposed								
		-trace disseminated mm pyrite- rare 1-3mm sheared pyrrhotite								
		-lower contact where rock becomes pervasively bleached								

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

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Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		59.30- 60.45: Moderate Carbonate- Sericite Weak Banded Silici-							Agnico	Chemex reject	Chemex P# 1
		fication Zone									P# 2
		-pale grey to waxy grey yellow	3166	59.30	60.45	1.15	Tr-nil		0.07	0.07	0.07
		-partial textural destruction (still see wacke bands)									0.07
		-wacke pervasively bleached (grey-white) due to pervasive (10-									
		15%) fine Fe-carbonate; argillite- siltstone bands (presume)									
		are bleached pale grey and are moderately sericitized									
		-rock is therefore markedly foliated									
		-trace 0.5- 1 mm sheared pyrite clots									
		-progressive increase in sericite (rapid over upper 10- 15cm)									
		-towards bottom of interval, wacke bands become quite hard									
		(3- 5% fine veinlets of silica- anastomosing pattern); overall									
		volume increases to 50% of lower 50cm									
		-Sericite development appears to decrease proportionately									
		(may be combination decrease in aphanitic (ie sericite rich)									
		sediment and increase in silicification)									
		60.45- 72.95: Moderate Strong Carbonate- Silicification Zone									
		-marbled pale to medium grey									
		-generally massive to very poorly foliated rock									
		-recognize relict primary sedimentary textures in spite of									
		strong overall alteration; ie relict textures of wacke are-									
		weak banding, trace- 5% 0.1- 1.5mm anhedral quartz grains									
		(primary idenfies); argillaceous zones likely aphanitic narrow									

LF H-2323

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A- 145

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 7 de _____

De _____ à _____

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		schistosity bands							Agnico	Chemex reject	Chemex P#1 P#2
		-penetrative (ie affects groundmass) pervasive strong alteration									
		which bleaches the rock and makes it very hard; 15- 20% very									
		fine Fe-carbonate is pervasive or occurs along a complex anasto-									
		mosing network of hairlike fractures (no preferred orientation)									
		-5-10% 1mm irregular anastomosing veinlets of grey silica carbo-									
		nate (appear to possibly control alteration)									
		-5% 1-5mm grey quartz veins with vague margins ; where intensity									
		of veins is greater alteration appears stronger (not completely									
		certain); veins are generally 70° cax									
		-weak fabric defined by local altered (weakly sericitic bands)									
		bands and weak orientation of veinlets 70- 75° cax									
		-0.5% pyrite occurs in 3 forms 1) as very fine disseminations									
		commonly 2) as 1-5mm long sheared veinlets parallel to schisto-									
		sity (up to 1% over 10- 20cm)									
		-less common and 3) as 1-2mm relatively unsheared pyrite clots									
		(60.45- 64.45) Moderate Alteration- weak- moderate foliation	3167	60.45	61.45	1.0	Tr		0.89	0.55	0.48
		defined due to 10% (or more) 1-5cm bands of weakly sericitized									0.41
		material; trace disseminated pyrite except for lower interval	3168	61.45	62.45	1.0	Tr		1.51	1.44	1.71
		where up to 0.5% very fine grey black (fly specks) pyrite									1.71
			3169	62.45	63.45	1.0	Tr-0.5%		6.85	8.09	7.75
											7.27

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No 90A- 145

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex P#1 P#2 Pulp
		(64.45- 72.95) Strong Alteration Zone: marbled grey colour texture									
		-very rarely see relatively unaltered bands; pyrite is sporadic but is generally as fine disseminations and irregular sheared veinlets	3170	63.45	64.45	1.0	Tr-0.5%		2.54	2.67	2.26 / 2.67
			3171	64.45	65.45	1.0	Tr		1.23	1.17	0.96 / 1.10
		-lower contact has 0.5% unsheared 1-2mm pyrite clots within 10-15cm; sheared 75° cax at lower contact against white quartz vein									Pulp
			3172	65.45	66.35	0.90	Tr		0.14	1.03	1.27
			3173	66.35	66.95	0.60	Tr		1.10	0.86	0.96
			3174	66.95	67.95	1.00	Tr-0.5		3.77	2.71	2.81
			3175	67.95	68.95	1.00	Tr		5.21	6.41	6.17
			3176	68.95	69.95	1.00	Tr		4.18	5.11	5.31
			3177	69.95	70.95	1.00	Tr-0.5		12.0	7.27	11.50
			3178	70.95	71.95	1.00	Tr-0.5		3.02	3.50	3.09
			3179	71.95	72.95	1.00	Tr-0.5		1.71	2.06	1.80
72.95	83.82	Fine-medium Grained Gabbroic Intrusion									
		-in less altered zone- dark green black									
		-fine- medium grained massive dark gabbroic looking rock; 3-5% 2-3mm very dark chloritic phenocrysts (relict pyroxene?) set in a poorly crystallized chlorite-calcite altered gabbro (micro-gabbroic matrix)									
		-10- 15% pervasive calcite									
		-1-5% 1-3mm calcite veins									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Pv est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex reject	Chemex Pulp
		- very weakly sheared 70- 75° cax									
		-trace pyrite									
		-believe to be protolith of very altered and deformed rock at									
		top of contact due to 1) gradual contact into (less altered									
		rock (typical of what described above) 2) presence of 3-5%									
		1-3mm chloritic phenocrysts throughout and 3) presence of leu-									
		coxene in altered rocks at top of interval									
		72.95- 74.20: Strong Carbonate- weak Sericite Shear Zone-	3180	72.95	73.55	0.60	0.5-1%		1.23	1.01	1.70
		Fracture Zone									
		-pale grey to limonite orange									
		-aphanitic strong carbonate altered (10- 15% Fe-carbonate)							Chemex		
		sericitic schistose rock; fractured at 2-10cm intervals (80° cax)									
		-upper contact 10cm irregular quartz vein 80° cax									
		-(73.05- 73.55) very strongly sheared 85° cax with 0.5- 1% mm									
		pyrite clots									
		(73.55- 73.85) dark grey very weakly sheared aphanitic rock-	3314	73.55	74.20	0.65	Tr		0.010		
		(volcanic or sediments?) trace pyrite									
		(73.85- 74.20) Strong limonite staining- weathered- Fault?									
		74.20- 80.70 Moderate Fe-carbonate Bleach	3315	74.20	75.20	1.0	Tr-nil		0.005		
		-light grey green with dark green spots	3316	75.20	76.20	1.0	Tr-nil		0.010		
		-10-20% 1-3mm relict weakly sheared chloritic phenocrysts set in									
		a moderately carbonate bleached matrix gabbro									

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Projet :
Claim :
Canton :
Rang :
Lot :
N.T.S. :

Ligne :
Section :
Lat. :
Elévation Orifice :
Azimut :
Niveau :

Ord. :
Ord. :
Long. :

Profondeur :
Plongée :
Azimut :
Commencé le :
Terminé le :
Entrepreneur :

Couronne
AX: EX:
AQ:

Feuille No 10 de

De à
Profondeur totale:

Journal:
Date:

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	A	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-2- 3% leucoxene									
		-trace nil mm pyrite									
		-schistosity varies from 75- 80° cax to 0° cax									
		(see intervals below)									
		(75.20- 77.70) Fault zone	3317	76.20	77.70	1.50	Tr		0.015		
		-schistosity varies from 0- 90° cax; rock fractured: 10-30/m									
		0°- 90° cax; can't define orientation									
		-limonite staining strong (76.2- 77.70)									
		-schistosity reestablished 70- 75° cax near lower contact									
		(2cm gouge 80° cax)									
		(77.70- 80.75) weak bleach; minor epidote	3318	77.70	79.20	1.50	Tr-nil		0.025		
		2- 3% quartz veins 90- 25° cax									
	83.82	End of hole									
		12 boxes Sample series 3299- 3318 incl. (20)									
		3166- 3180 incl. (15)= 35 total									
		Samples 3166- 3180 Fire Assay (1/2 assay-ton) at Agnico-Eagle Lab									
		Agnico rejects & Pulps #2 Samples 3166- 3171 (6) repulverized and Fire Assay AAS (1/2 assay-ton) at Chemex Labs									
		Agnico Pulps #1 3166- 3171 (6) not repulverized but Fire Assay AAS (1/2 assay-ton) at Chemex Labs									
		Rejects and Pulps 3172- 3180 (9) pulverized and Fire Assay Gravimetric (30g fused sample) at Chemex Labs									
		and 3299- 3318 (20)									

[illegible] géologue
CP 87 Val d'Or (Québec) J9P 4N9

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MINES AGNICO EAGLE LTÉE

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P-90 NARM-DP

Projet	: Vezza Option	Ligne	:	Ord.	:	Profondeur	: 0	47.3m	99.1m
Claim	: 455694-1	Section	: 16475E	Ord.	: 9960N	Plongée	: -52°	-43°	-35°
Canton	: Vezza	Lat.	: 16474.82E	Long.	: 9961.13N	Azimut	: -	-	-
Rang	: -	Elévation Orifice:	Grid 999.83m			Commencé le	: 13 February 1990		
Lot	: -	Azimut:	Grid 358° 35' astron. 4° 29'			Terminé le	: 15 February 1990		
N.T.S.	: 32F/12	Niveau:	Surface			Entrepreneur	: N. Morissette (Val d'Or)		

Couronne AX: EX: AQ:

Feuille No 1 de

De à

Profondeur totale: 129.24m

Journal: Marc H. Legault

Date: February 1990

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	21.85	Overburden (BQ casing to 21.95m left in hole)								
21.85	102.80	Interbedded Argillite and Wacke								
		87.0- 90.80 Sheared Argillite and Wacke								
		90.80- 93.65 Weak-Moderate Carbonate Bleach Zone. Shear Zone								
		93.65- 95.50 Moderate Carbonate-Weak Sericite Alteration								
		95.50- 99.75 Weak-Moderate Banded Carbonate Silicification								
		Weak-Moderate Sericite-Alteration Zone								
		99.75- 102.80: Moderate-Strong Carbonate-Silicification Zone								
102.80	104.90	Moderate-Strong Carbonate Altered Gabbroic Intrusion								
		102.80- 103.90: Sheared Aphanitic Chill zone (or volcanic)								
		103.90- 104.35: Feldspar-phyric Felsic Dyke								
104.90	105.90	Shear Zone- Fault								
105.90	110.10	Fine-medium grained Gabbro								
110.10	129.24	Fine-grained Gabbro (or coarse volcanic flow)								
	129.24	End of hole Refer. J.L. Corriveau May 3, 1990								

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MINES AGNICO EAGLE LTÉE

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	A	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0	21.85	Overburden (casing to 21.95- left in hole)							Chemex		
21.85	102.80	Interbedded Argillite and Wacke									
		-Alternating light grey (wacke-siltstone) and black argillite	3319	25.50	27.0	1.50	Tr		«.005		
		-Banded fine-grained aphanitic wacke and aphanitic argillite	3320	32.50	34.0	1.50	Tr		0.005		
		-60% 0.5cm 3.0m thick bands of wacke alternating with 0.5cm-	3321	40.0	41.50	1.50	Tr-0.5%		«.005		
		50cm thick bands of argillite	3322	41.50	43.0	1.50	Tr-0.5%		0.005		
		-Wacke: Trace- 5% 0.5- 1.5mm anhedral quartz grains, trace- 2%									
		light grey subangular lithic fragments (aphanitic intermediate									
		composition); trace- rare 1-3mm angular argillite chips set in									
		wacke matrix very fine-grained (siltstone) intermediate compo-									
		sition (clastic) very weakly sheared (fragments always alligned									
		parallel to schistosity)									
		-Argillite; black, aphanitic moderately sheared, slatey cleavage									
		generally sharp contacts with wacke									
		-No visible grading									
		-Banding generally parallel to schistosity (55- 60° cax)									
		-Locally banding is tightly contorted, may be folded except									
		poor banding obscures observations									
		-Trace 1-4mm euhedral pyrite									
		-Wacke 1-5mm calcite- quartz calcite veins parallel to schisto-									
		sity, but locally ptygmatically folded									
		44.75- 48.0: 5% 1-5cm quartz veins subparallel to banding	3323	44.75	46.25	1.50	Tr		«.005		

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif
		55- 60° cax ; locally observe transposed bedding near quartz veins;							Chemex	
		trace pyrite	3324	46.25	47.75	1.50	Tr		«.005	
			3325	47.75	49.25	1.50	Tr		0.005	
		48.0- 53.0: Schistosity cuts banding at low angle (above 55° cax)								
		53.0: 5cm quartz veins with 2-3% pyrite (1-5mm) over 10 cm	3326	53.0	54.50	1.50	1%		0.005	
		57.50: Bedding 0° cax; dips are subvertical (if orient core)-	3327	54.50	56.0	1.50	Tr		0.005	
		minor low amplitude- short wavelength isoclinal folding	3328	56.0	57.50	1.50	Tr		0.025	
			3329	60.50	63.0	1.50	Tr		0.170	
		61.60- 62.90: Sheared Argillite; 2-3% 1-5mm quartz veins parallel	3330	63.0	64.50	1.50	0.5-1%		0.495	
		to schistosity 60° cax								
		62.90- 63.60: Sheared quartz vein injected Zone; upper contact								
		10 cm quartz carbonate vein 25° cax with 1-5mm clots of								
		pyrite on margins; 40% grey quartz in sheared bleached argilli-								
		te with 3-5% mm pyrite								
		61.0- 72.50: Very fine-grained interval dominated by argillite	3331	70.0	71.50	1.50	Tr		0.035	
		(70%) and minor siltstone (fine-grained wacke); banding is								
		very weakly defined (60° cax); trace 1-4mm euhedral pyrite in								
		siltstone- wacke								
		-very weak grading (?) in siltstone- argillite sets (10cm)								
		suggests tops up hole (ie south)								
		72.50- 78.0: fine-grained coarse grained wacke; very weakly	3332	73.0	74.50	1.50	Tr		0.005	
		sericitized (waxy grey colour); trace 1-3mm euhedral disseminated								

MINES AGNICO EAGLE LTÉE

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		pyrite; locally (near 74.8m) 1-2cm angular argillite chips							Chemex		
		in basal interval of 50cm thick graded wacke siltstone set,									
		grades from coarse wacke (5% quartz grains, 2-3% lithic grains									
		(or feldspars) with trace argillite chips) to a siltstone-									
		tops downhole (ie north)									
		78.0- 82.0: Interbedded Argillite- Wacke (as in main unit):	3333	79.0	80.50	1.50	Tr		0.010		
		alternating 0.5- 10cm bands; cut by schistosity; minor isoclinal									
		tight microfolding (cm amplitude- wavelength) subvertical fold									
		axes- planes parallel to schistosity (ie if orientcore schist									
		east-west steep south dips)									
		82.0- 87.0: Graded Coarse Wacke (almost pebble conglomerate) and	3334	87.50	89.0	1.50	Tr		0.010		
		wacke; 10- 50cm sets; grading from narrow (3- 5cm) coarse	3335	89.0	90.50	1.50	Tr		0.025		
		interval (with 10% 3-5mm alligned angular argillite chips,									
		5-10% 1-5mm alligned angular- subangular beige and grey aphani-									
		tic lithic fragments and 5% 0.1- 2mm anhedral quartz grains) to									
		fine grained wacke; grading up hole and downhole; bedding occa-									
		sionally o° cax! (unable to orient core because schistosity									
		poorly developed)									
		87.0- 90.80: Sheared Argillite and Wacke; schistosity dominates									
		banding parallel to schistosity (65° cax Tr- 2-3mm pyrite									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

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De _____ à _____

Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	A	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		90.80- 93.65: Moderate- Weak Carbonate Bleach Zone- Shear Zone							Chemex		
		-alternating pale grey and grey-black bands	3336	90.50	92.0	1.50	Tr		0.115		
		-banding completely disrupted- sheared parallel to schistosity	3337	92.0	93.50	1.50	Tr		0.180		
		often see dismembered bands with feathery edges (65- 70° cax)									
		-50% 1-3mm thick pale grey carbonate bleached fine-grained									
		wacke-siltstone (5% pervasive Fe-carbonate in bleached zones)									
		alternating with 1-5mm black schistose argillite; bleached									
		wacke very faintly sericitized (waxy yellow grey)							Agnico	Chemex reject	Chemex Pulp
		-Percent bleached increases downhole									
		-Trace sheared pyrite clots (often isoclinally folded in argillite laminae)									
		93.65- 95.50: Moderate Carbonate- Weak Sericite Alteration	3338	93.50	94.50	1.00	Tr		0.82	0.48	0.41
		-pale grey- waxy yellowish grey	3339	94.50	95.50	1.00	Tr	Tr	1.23	1.82	1.10
		-70% wacke pervasively bleached to waxy grey yellow									
		(due to 10% pervasvie Fe-carbonate and fine disseminated sericite)									
		-30% aphanitic argillite- siltstone bleached to pale grey- resembles wacke colour but increase in schistosity 60- 65° cax									
		-Moderately developed schistosity									
		-Trace 1-2mm sheared disseminated pyrite- local sheared pyrrhotite clot									
		-Lower contact approximate where silicification begins									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz T	Vérif.	
									Agnico	Chemex reject	Chemex Pulpe
		95.50- 99.75: Weak-moderate Banded Carbonate- Silicification									
		moderate-weak sericite Alteration zone									
		-alternating medium grey and waxy yellowish grey bands	3340	95.50	96.50	1.00	Tr		5.49	2.85	7.39
		-poor textural preservation due to coincident pervasive bleaching	3341	96.50	97.50	1.00	Tr		2.54	2.30	2.19
		and coincident cm-dm thick silicification and injection of	3342	97.50	98.50	1.00	Tr		1.65	1.65	1.44
		grey siliceous veins	3343	98.50	99.25	0.75	Tr		0.82	0.69	0.62
		Generally rock is similar to carbonate- sericite altered zone	3344	99.25	99.75	0.50	Tr		0.89	1.06	0.93
		above except progressive increase in a banded texture alteration									
		(from 10% to 90% at lower contact).									
		Banded alteration consists of 1-10cm thick grey white pervasi-									
		vely silicified bands (with 10- 15% pervasive Fe-carbonate or									
		in fine hairlike fractures) occurring at narrower to narrower									
		intervals (down to 1 cm)- silicified rock grey siliceous appea-									
		rance (still see quartz grains in wacke)									
		-Coincident with banded silicification is 10% 0.5 cm thick grey									
		quartz- carbonate (in fine fractures) veins alligned parallel									
		to schistosity (65- 70° cax)									
		-As percent banded silicification increases sericite- carbonate									
		decreases (as does schistosity)									
		-Alteration appears to be generally controlled by foliation pa-									
		rallel fabric (ie fractures) but fine hairthick fractures									
		controlling carbonate are anastomosing and irregular orienta-									
		tions; less than disseminated pyrite (0- 5mm)									

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MINES AGNICO EAGLE LTÉE

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No 90 A- 146

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex Reject	Chemex Pulpe
		99.75- 102.80: Moderate Strong Carbonate Silicification Zone									
		-medium grey									
		-massive very weakly foliated rock	3345	99.75	100.75	1.00	Tr-0.5%		0.82	1.10	1.92
		-pervasive Carbonate- silica dominated (groundmass replacing)	3346	100.75	101.75	1.00	Tr-0.5%		1.58	1.58	1.54
		alteration makes rock massive hard with marble texture; due to	3347	101.75	102.80	1.05	0.5-1%		6.03	6.41	6.14
		15- 20% fine hairthick anastomosing silica-carbonate veinlets									
		cutting what was like a wacke-rich sediment									
		-5% 1-5mm irregular grey white quartz carbonate veinlets 70- 75°									
		cax									
		-5% 1-5mm thick beige aphanitic laminae (possible relict argilli-									
		te- siltstone) define weak foliation									
		-Trace to up to 1% very fine disseminated (0.5mm maximum general-									
		ly) pyrite									
		-Uppper contact gradual increase in penetrative alteration									
		-Lower contact sharp 70° cax (fracture- plane)									
102.80	104.90	Moderate- Strong Carbonate Altered Gabbroic Intrusion	3348	102.80	103.90	1.10	Tr		0.14	0.14	0.14
		-pale grey-green with dark green spots									
		-Spotted moderate- weakly schistose rock with poor textural de-									
		finition; interpret to be a gabbro because resembles gabbro									
		downhole.									
		-10-15% 1-3mm sheared chloritic clots (relict mafic phenocrysts									
		sheared 2-5:1 parallel to schistosity) set in a pale grey green									
		bleached matrix (no relict igneous texture- complete textural									

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De _____ à _____

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Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
										Agnico Chemex reject	Chemex Pulpe
		destruction) with 15- 20% pervasive Fe-carbonate and 1-2% irre-									
		gular mm-leucoxene									
		-Trace 1-2mm pyrite clots and cubes									
		-Moderate schistosity 75- 80° cax (very weak sericite)									
		-1% mm quartz veinlets subparallel to schistosity									
		102.80- 103.15: Strongly sheared Aphanitic interval (either chill									
		or volcanic ?) upper contact fracture 70° cax; rock is foliated									
		mm- sericite-chlorite slips cut aphanitic rock; lower contact									
		sharp 75- 80° cax against porphyritic gabbro									
		103.90- 104.35: Feldsparphyric aphanitic Felsic Dyke	3349	103.90	104.35	0.45	Tr		3.98	1.03	2.69
		-pale grey									
		-1% 0.5- 2mm euhedral grey-white feldspar (plagioclase?) pheno-									
		crysts in an aphanitic felsic matrix									
		-upper- lower contact 70- 80° cax									
		-Trace pyrite along fractures									
		-minor sericite in felsic matrix									
		104.35- 104.90: Weak- pervasive silicification adjacent to fel-	3350	104.35	104.90	0.65	1%		5.01	5.28	5.31
		sic dyke- rock fractured 45- 90° cax; 10cm coarse quartz vein									
		(70° cax upper contact, 35° lower contact) with 10% pyrite									
		clots - veins at 104.75									
		-lower contact where strong schistosity begins									

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	A	Long.	ANALYSES % Py est	% po. est	Au. oz. T	Vérif. Chemex reject	Chemex Pulpe
104.90	105.90	Shear Zone Fault Zone									
		-altered deformed gabbro looking protolith but logged as a dis-									
		tinctive unit	3351	104.90	105.90	1.00	Tr-nil		0.060		
		-dark grey green with dark green spots									
		-strongly sheared carbonate- chlorite altered soft rock (resembles									
		spotted gabbro as above)									
		-Upper contact shear banded (75- 80° cax) (alternating 1-10mm									
		light-dark laminae) over 20cm- light bands are silicified while									
		dark bands almost argillaceous									
		-lower contact where schist decreases and minor gouge (90° cax)									
		disappear									
		(105.10- 105.50) Strongly sheared- Fault									
		- fractured at cm intervals- minor gouge (10%)									
		- matrix strongly sheared carbonate- weak chlorite- sericite al-									
		tered spotted gabbro (schist 80° cax)									
		- cut by mm chloritic fractured at cm intervals (if orient schis-									
		tosity east-west, steep south dip- fractures trend northeast to									
		east-north-east steep vertical dip)									
		- rock heavily fractured at high core angles									
105.90	110.10	Fine-medium grained Altered Gabbroic Intrusion	3352	105.90	107.0	1.10	nil		0.005		
		-similar to (102.80- 104.90) except less altered and less	3353	107.0	108.0	1.0	nil		«.005		
		sheared	3354	108.0	109.50	1.50	nil		«.005		
		-Pale- medium grey with dark to emerald green spots	3355	109.50	111.0	1.50	nil		0.005		

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		-10- 20% 1-5mm anhedral chloritic relict mafic phenocrysts in a								
		carbonate altered (15- 20% Fe-carbonate) bleached matrix with								
		2-3% mm leucoxene								
		-see vague igneous matrix in spite of alteration								
		-locally chloritic spots have a green mica stain («10% interval)								
		-Upper contact where faulting ends								
		-lower contact approximate (curious because where alteration								
		decreases, there is a marked textural change).								
110.10	129.24	Fine-medium grained gabbro (or coarse flow)								
		-dark green								
		-fine-grained microgabbroic to medium grained								
		-Highly variable texture and grain size; generally fine-grained								
		(volcanic looking) with 30% 1-2m intervals of microgabbro (mm								
		grain size- poorly crystallized) to medium-grained gabbro								
		-generally weak to not obviously sheared								
		-upper contact approximate (where alteration decreases rapidly)								
		110.15- 111.0: Weak calcite alteration; 10% pervasive fine								
		calcite; 3-5% 1-5mm calcite veins 35- 90° cax								
		111.0- 114.0: microgabbro; poorly crystallized- weakly chlorite-								
		calcite altered (dark green with 10% pervasive calcite)								

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		114.0- 116.0: 1-2% 1-3mm magnetite disseminated; very weakly									
		epidotized (pistacio green mm clots)									
		116.0- 116.20: Feldsparphyric aphanitic felsic dyke									
		-identical to (103.90- 104.35) except matrix grey-green and									
		1-2% mm chloritic fractures; contact 70- 90° cax									
		116.20- 119.0: chloritic weakly sheared interval; 5% 1-5mm	3356	116.25	117.75	1.50	Tr		«.005		
		calcite veins 45- 90° cax	3357	117.75	119.25	1.50	Tr		0.005		
		119.0- 123.0: Microgabbroic to very fine-grained minor calcite									
		epidote veinlets									
		123.0- 125.50: 1-2% 1-2mm magnetite	3358	125.0	126.50	1.50	Tr		0.010		
		125.50- 126.19: Quartz (80%) calcite (5%) chlorite (15%) vein									
		0-15°cax									
	129.24	End of hole 19 boxes									
		Sample series 3318- 3358 inclusively (41)									
		Samples 3318- 3337, 3351- 3358 incl. (28) Fire Assay- AAS (30g fused sample)			Chemex						
		Samples 3338- 3350 (13) Fire Assay (1/2 Assay-ton) at Agnico-Eagle Lab									
		All Pulps + Rejects from Agnico repulverized Fire Assay- Gravimetric (30g fused sample) at Chemex Labs									

Marc Lizotte géologue
C.P. 87
Val d'Or (Québec)

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'90 DEC 19 11 12

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

Projet	: P-90 NARM-DP Vezza	Option Ligne	:	Ord.	:	Profondeur	: 0	45.7m 91.4m	121.9m	Couronne
Claim	: 455694-1	Section	: 16500E	Ord.	: 9955N	Plongée	: -52° 45'	-48° -42°	-38°	AX: EX:
Canton	: Vezza	Lat.	: 16500.18E	Long.	: 9954.74N	Azimut	: -	- -	-	AQ:
Rang	: -	Elévation Orifice:		Grid 999.66m		Commencé le	: 15 February 1990			
Lot	:	Azimut:		Grid 359° 58' Astron 5° 52'		Terminé le	: 16 February 1990			
N.T.S.	: 32 F/12	Niveau:		Surface		Entrepreneur	: N. Morissette (Val d'Or)			

No 90-A-147

Feuille No 1 de

De à

Profondeur totale: 121.92m

Journal: Marc H. Legault

Date: February 1990

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	21.65	Overburden (BQ casing to 22.56m in hole)								
21.65	110.35	Interbedded Wacke and Argillite								
		21.65- 24.45: Fracture Zone (chert- wacke- argillite)								
		69.0- 71.75: Interbedded Chert- lean Altered Iron-Formation and Altered		Wacke-	Argillite					
		71.75- 73.75: Weak Carbonate Bleach Alteration								
		73.75- 75.50: Moderate Carbonate Sericite Alteration								
		76.50- 91.20: Weak Carbonate Bleach Alteration								
		91.20- 100.50: Moderate Carbonate Weak Sericite Alteration								
		100.50- 105.20: Weak-Moderate Carbonate- Sericite Alteration- Shear								
		(102.10- 102.75) Interbedded Chert and Altered Iron Formation								
		(102.80- 103.60) Sheared Argillite-rich Interval								
		(104.60- 105.20) Sheared Argillite-rich Interval								
		105.20- 106.20: Moderate Banded Carbonate-silicification Weak Sericite Alteration								
		106.20- 110.35: Strong Silicification Moderate Carbonate Alteration								
110.35	121.92	Medium Grained Gabbroic Intrusion								
		110.35- 110.45: Fault- aphanitic Felsic Dyke								
		110.45- 111.0: Sheared Aphanitic Mafic Carbonate Bleached								
		111.0- 117.70: Weak Moderate Carbonate Weak Green Mica Alteration								
		117.70- 118.35: Strong Sericite- Carbonate Alteration- SHEAR ZONE								
		121.60- 121.92: Feldspar Porphyritic Felsic Dyke								
	121.92	End of Hole Refer. J.L. Corriveau May 3, 1990								

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0.0	21.65	Overburden (BQ casing to 22.56m left in hole)									
21.65	110.35	Interbedded Wacke and Argillite									
		-Alternating light- grey (wacke) and grey- black (argillite)									
		-fine-grained wacke and aphanitic argillite									
		-70% wacke: 1cm- 5m thick intervals alternating with argillite,									
		trace- 5% 0.1- 1.5mm anhedral rounded-subrounded quartz grains,									
		trace- 2% visible up to 2mm light coloured subangular alligned									
		lithic fragments (intermediate aphanitic) in a very fine-grained									
		(silty) intermediate composition clastic matrix									
		-30% black aphanitic slatey cleavage schistose argillite bands									
		0.5- 10cm thick; weak banding due to subtle colour- shade									
		differences									
		-Contacts between argillite- wacke generally sharp									
		-Faint recognizeable grading in wacke (and finer siltstone sets)									
		-Trace 1-3mm euhedral pyrite in wacke									
		-minor calcite in wacke									
		-1-5% 1-3mm ptygmatic folded calcite veinlets in argillite									
		see intervals below									
		21.65- 24.45: Strongly fractured zone									
		- 0% RQD »100 fractures 1m at 1-5cm intervals									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-Interval 60% banded argillite with 20% interval bleached (10-									
		15% pervasive Fe-carbonate) sediment with Tr- 0.5% mm pyrite	3359	21.65	23.0	1.35	Tr		«.005		
		and 10% 1-3cm thick siliceous almost cherty bands	3360	23.0	24.45	1.45	Tr		0.005		
		-Core limonite stained; fractures parallel to banding (55° cax)									
		to 0° cax; 90% core recovery									
		-minor cm quartz veins									
		-possibly altered chert- sediment horizon (similar to A-144)									
		24.45- 34.30: 90% fine-grained wacke- poorly banded	3361	24.45	25.90	1.45	Tr		«.005		
		-schistosity 55° cax; local chlorite mm fractures 90- 0° cax	3362	25.90	27.40	1.50	Tr		«.005		
			3363	27.40	29.90	1.50	Tr		«.005		
		34.30- 41.0: Argillite rich interval (70% overall)	3364	36.50	38.0	1.50	Tr		0.015		
		-banding cut by schistosity (55° cax); banding transposed (ie	3365	38.0	39.50	1.50	Tr		0.030		
		beds are cut- contorted- sheared parallel or perpendicular to									
		schistosity)									
		41.0- 60.10: Interbedded Wacke and minor argillite (as in main	3366	47.25	48.75	1.50	Tr		0.005		
		unit) moderate schistosity 55° cax	3367	53.0	54.50	1.50	Tr		0.005		
		-banding cut by schistosity- isoclinal folding observed locally	3368	54.50	56.0	1.50	Tr		0.010		
		(if orient schistosity east-west, steep south dip) fold axes									
		plunge steep- vertically- fold planes parallel to schistosity									
		* at 41.80- isoclinal fold (?) cut by schistosity- fold axes									
		plunge steeply- fold planes trend northwest									

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

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Feuille No 4 de _____

De _____ à _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		60.10- 62.50: Argillite-rich interval; banding sheared transpo-									
		sed parallel to schistosity 55- 60° cax	3369	61.0	62.50	1.50	Tr		0.060		
		-3-5% cm quartz veins parallel to schistosity									
		65.0- 69.0: Sheared Argillite; 1-5mm banding sheared parallel	3370	65.0	66.50	1.50	Tr		0.105		
		to schistosity 60° cax (transposed); Tr- 0.5% 1-10mm pyrite	3371	66.50	68.0	1.50	Tr-0.5%		0.020		
		megacrysts	3372	68.0	69.0	1.0	Tr		0.025		
		(65.0- 66.50) 25% 1-10cm quartz veins 60° cax Trace mm pyrite									
		69.0- 71.75: Interbedded Chert- altered Lean Iron Formation and	3373	69.0	70.0	1.0	Tr	1%	0.265		
		altered Wacke and Argillite	3374	70.0	71.0	1.0	Tr	3-5%	0.775		
		-Banded dark grey, light grey and white	3375	71.0	71.75	0.75	Tr	1%	0.170		
		-5% 5-10cm chert bands, 10% sulphidized iron formation (?) 5-10cm									
		thick and 60% 0.5- 1.0m intervals of bleached wacke-argillite									
		and 25% quartz carbonate veins (5- 25cm thick)									
		-chert; light grey weakly banded, sharp contacts with argillite,									
		minor cm pyrrhotite clots									
		-altered Iron Formation; defined by 1-5cm thick bands of semi-									
		massive pyrrhotite- pyrite with quartz veins with minor cherty									
		material									
		-Altered sediments are bleached by 10% pervasive Fe-carbonate									
		-Quartz- carbonate veins; 80% white quartz 10- 20% coarse									
		beige carbonate (calcite- dolomite?) and up to 10% cm clots									
		of pyrrhotite (minor pyrite)									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T. Chemex	Vérif.	
		-quartz veins are subparallel to foliation to 0° cax- irregular									
		orientations									
		-banding in sediments contorted; isoclinal "Z" folds observed									
		in altered wacke- argillite at 70.50m- if orient schistosity									
		(east-west, steep south dip) fold axes plunge vertically or									
		steeply east, fold planes parallel to schistosity 65- 70° cax									
		71.75- 73.75: Weak Carbonate Bleach; 5- 10% Fe-carbonate 2-3%	3376	71.75	72.75	1.00	Tr		0.025		
		quartz veinlets; trace mm pyrite	3377	72.7	73.75	1.00	Tr		0.770		
		73.75- 75.50: Moderate Carbonate- Sericite Alteration Zone	3378	73.75	74.75	1.00	Tr		0.090		
		-bleached to pale grey waxy yellow; moderate weak schistosity	3379	74.75	76.25	1.50	Tr		0.030		
		65° cax; gradual contacts; trace 1-2mm pyrite cubes									
		75.50- 91.20: Weak Pervasive Carbonate Bleach Zone	3380	80.50	82.0	1.50	Tr		0.010		
		-pale medium grey									
		-3-5% pervasive Fe-Carbonate in wacke, argillite weakly bleached									
		-Schistosity 65- 70° cax									
		-Banding poorly defined									
		-irregular chlorite- calcite filled fractures 0- 10° cax (verti-									
		cal dip if orient schistosity) from (81.0- 82.0)									
		(86.50) Z fold developed; similar to except folded bands are	3381	85.0	86.5	1.50	Tr		0.030		
		cut displaced by schistosity- 5cm wave length	3382	86.5	87.50	1.0	Tr		0.020		

MINES AGNICO EAGLE LTÉE

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

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De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif. Chemex reject	Chemex Pulp
		(87.0- 88.0) Chlorite- calcite filled fracture 0- 10° cax									
		(88.0- 91.2) Schistosity cuts banding; Tr pyrite	3383	87.50	89.0	1.50	Tr		0.030		
			3384	89.0	90.50	1.50	Tr		0.030		
		91.20- 100.50: Moderate Carbonate very weak sericite	3385	93.0	94.50	1.50	Tr		0.025		
		alteration- Bleach Zone	3386	94.50	96.0	1.50	Tr		0.015		
		-pale to waxy grey yellow alternating with medium grey	3387	96.0	97.0	1.00	Tr		0.080		
		-70% wacke bleached by 5-10% pervasive Fe-carbonate finely									
		disseminated in matrix- very weak sericite developed (visible									
		on weak developed schistosity planes)									
		-30% argillite bleached to pale- medium grey (less Fe-carbonate)									
		-Schistosity 65- 70° cax									
		-Trace 1-3mm euhedral pyrite									
		-lower contact where bleaching increases significantly									
		(97.0- 98.30) Moderate- strongly sheared Argillite-rich interval	3388	97.0	98.30	1.30	Tr		0.720		
		bedding contorted and transposed parallel to schistosity 70° cax	3389	98.30	99.30	1.0	Tr		0.030		
		-5% irregular quartz veinlets (folded-contorted)	3390	99.30	100.30	1.0	Tr		0.20		
		-Trace 1-2mm pyrite									
		100.50- 105.20: Weak Moderate Carbonate-Sericite Alteration-	3391	100.30	101.30	1.0	Tr		0.20		
		Shear	3392	101.30	102.0	0.70	Tr	Agnico	0.34	0.17	0.17
		-pale grey to waxy grey yellow									
		-upper part of interval (100.5- 103.0) is wacke-rich and signi-									
		ficantly bleached- but still can see relict wacke textures;									
		bleaching increases quickly (over 20 cm)									

LF H-2323

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

No 90A- 147

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex reject	Chemex Pulp
		-5-10% pervasive Fe-carbonate									
		-Schistosity weak 65- 70° cax									
		(102.10- 102.75) Narrow interval of banded chert and altered	3393	102.0	103.0	1.0	1%		0.34	0.17	0.10
		iron formation									
		-40% 5-10cm grey massive chert									
		-3cm semi-massive pyrrhotite- sulphidized iron formation									
		-banding 65- 70° cax									
		-minor pyrite									
		-upper-lower contacts where chert stops									
		(102.75- 105.20) Sheared Bleached Argillite- rich interval mm-em	3394	103.0	104.0	1.0	Tr		0.14	0.14	0.07
		banding generally sheared parallel to schistosity 70° cax,	3395	104.0	105.0	1.0	Tr		«.07	0.14	0.14
		minor sericite-carbonate altered wacke intervals 20-50 cm thick									
		-Argillite is greyish- black banded dominates (102.8- 103.60)									
		(104.60- 105.20)									
		-minor banding cut by schistosity- isoclinal folding with verti-									
		cal fold axes and fold planes parallel to schistosity (oriented									
		east-west, steep south dip)									
		-2-3% cm quartz veins parallel to banding									
		-trace pyrite (mm disseminated)									
		-Not an argillaceous shear zone- breccia zone									
		105.20- 106.00: Moderate Banded Carbonate- Silicification Weak-	3396	105.0	106.0	1.0	Tr-0.5%		0.27	0.34	0.10
		Sericite Alteration Zone									
		- banded grey and waxy yellow									

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A- 147

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Pv est.	% po. est.	Au. oz. T	Vérif.	
		-40% 1-10mm thick schistose sericitic bands (70° cax) "interbedded" with cm thick grey siliceous bands resembling wacke- bleached grey- visible quartz grains									
		-5% 3-5mm grey quartz veins subparallel to schistosity with vague contacts									
		-0.5% 1-2mm pyrite clots, trace 1-2mm irregular pyrrhotite									
		-upper contact approximate- where argillaceous zone ends									
		-lower contact where pervasive silicification dominates									
		-Note the banded alteration zone is normally wider than in this hole (ie 2-3m thick) suspect argillaceous sheared bands uphole (ie (102.8- 103.60) (104.60- 105.20))									
		106.0- 110.35: Strong silicification moderate Carbonate Alteration Zone									
		-beige brown with white									
		-strong pervasive penetrative alteration of sediment- likely wacke due to presence of visible 0.5- 2mm quartz grains (but other textures obliterated). Rock is quite massive looking unfoliated									
		-Silicification hardens to quartz-like and 10- 15% pervasive fine-grained Fe-carbonate in groundmass cut by 10- 15% fine anastomosing network of hairthin grey silica-carbonate veinlets.									
		-local weak fabric defined by alligned sericitic-slip and veinlets (75- 80° cax)									

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A- 147

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex Pulp
		-5% 1-3mm thick grey quartz veins with vague outlines alligned									
		(and define) parallel to foliation									
		-Strongest alteration example in holes drilled in 1990 A-138- 146									
		inclusively									
		-0.5- 1% very finely disseminated pyrite- also in fine irregular									
		veinlet form throughout matrix									
		-10- 25% 5mm- 5cm grey-white quartz injected- brecciates matrix									
		alteration- unusual- normally very little quartz									
		-veins oriented 0- 45° cax- not pyrite in quartz (or rare)									
		(106.20- 106.70) trace- 0.5% pyrite- 2-3% quartz veins 50° cax	3397	106.	107.0	1.0	Tr-0.5%		4.94	5.28	5.07
		(106.70- 107.10) 35% quartz veins Tr- 0.5% pyrite in matrix	3398	107.0	108.0	1.0	1%		6.03	6.96	7.41
		(107.10- 107.65) 2-3% quartz 1% very fine pyrite in matrix	3399	108.0	109.0	1.0	1%		6.65	7.10	7.03
		(107.65- 108.45) 35- 40% quartz- 1% very fine pyrite in matrix	3400	109.0	109.60	0.60	Tr-0.5%		6.31	7.60	6.45
		(108.45- 109.50) Tr- 0.5% fine pyrite in matrix	3401	109.60	110.35	0.75	Tr	Visible gold	4.25	5.50	4.51
		(109.50- 110.10) Trace- 0.5% very fine pyrite in matrix									
		(110.10) 1 1.5mm grains of visible gold									
		(110.35) lower contact sharp 65° cax against felsic dyke									
		(1 cm bleach against dyke)									
110.35	121.92	Medium grained Gabbroic Intrusion									
		-dark grey green									
		-in loss altered interval fine-medium grained mm- grain size with									
		10- 15% 1-3mm mafic phenocrysts									

LF H-2303

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A- 147

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Agnico	Chemex reject	Chemex Pulpe
		-poor textural preservation; visible 10-15% 1-3mm anhedral									
		chloritic mafic phenocrysts set in a chlorite-calcite altered									
		fine-grained matrix with trace- 2% mm leucoxene (ie gabbro)									
		-10- 15%pervasive calcite									
		-5% 1-5mm calcite veins 45- 60° cax									
		-Trace 1-3mm euhedral pyrite									
			3401	110.35	111.0	0.65	Tr		0.14	0.34	0.24
		110.35- 110.45: Fault- Felsic dyke									
		-pale grey									
		-upper contact mm dark band (argillite?) 65° cax									
		-aphanitic felsic dyke is fractured at 0.5- 1.0cm intervals									
		70- 80° cax									
		-lower contact fractured									
		110.45- 111.0: Sheared aphanitic mafic- carbonate bleached									
		-pale grey green									
		-aphanitic foliated rock- moderate pervasive Fe-carbonate									
		altered- schistosity 65° cax									
		-possibly chill zone or volcanic									
		-lower contact sharp 70° cax									
		-trace 0.5mm disseminated pyrite except for 3-5mm sheared clot									
		at upper contact zone									

LEH 2223

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A- 147

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		111.0- 117.70: Weak-moderate Carbonate alteration- weak green								
		mica	3403	111.0	112.0	1.0	Tr		0.005	
		-pale grey green with dark green spots (local emerald green)	3404	112.0	113.50	1.50	Tr		0.005	
		-pervasive textural destruction of remnant matrix textural ele-	3405	113.50	115.0	1.50	Tr		0.010	
		ments due to pervasive 15- 20% fine Fe-carbonate; 2-3% sheared	3406	115.0	116.50	1.50	Tr		«.005	
		leucoxene in matrix; 5- 15% 1-3mm sheared chloritic clots alli-	3407	116.50	117.70	1.20	Tr		«.005	
		gned parallel to schist planes								
		-locally the chloritic clots become pale to emerald green colou-								
		red over 5-10cm intervals (green mica development)								
		-minor sericite defines schistosity along with minor chlorite								
		-trace 1-2mm euhedral pyrite								
		-schistosity 65- 70° cax								
		-fractured at 10- 20cm intervals								
		(111.50- 113.50) Weak bleaching- rock is darker								
		(113.50- 115.50) minor green mica- 5% overall								
		117.70- 118.35 Strong Sericite Carbonate Alteration Shear Zone	3408	117.70	118.35	1.0	Tr-nil		0.005	
		-schistose pale waxy green	3409	118.35	119.35	1.0	Tr-nil		0.010	
		-complete textural destruction- schistosity defined by moderate								
		strong sericite developments								
		-contacts where schistosity increases over 5cm								
		-schistosity 70- 75° cax								
		-10cm fractured zone 70- 75° cax at 1-2cm spacings								

I.E.H.7223

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90 A- 147

Feuille No 12 de

Projet :
Claim :
Canton :
Rang :
Lot :
N.T.S. :

Ligne :
Section :
Lat. :
Elévation Orifice:
Azimut:
Niveau:

Ord. :
Ord. :
Long. :

Profondeur :
Plongée :
Azimut :
Commencé le :
Terminé le :
Entrepreneur :

Couronne
AX: EX:
AQ:

De à
Profondeur totale:

Journal:
Date:

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
		119.50- 121.60: Bleaching decreases rapidly- relatively unaltered									
		(as in main unit description)									
		121.60- 121.92: Felsic Dyke- Feldspar porphyritic									
		5-10% 1-2mm subhedral subequant to prismatic white albite (?)									
		or K- feldspar set in a grey aphanitic felsic matrix									
		-upper contact 55° cax									
	121.92	End Of Hole									
		19 boxes									
		Sample series 3359- 3409 inclusively (51 samples)									
		Samples 3359- 3391 incl & 3403- 3409 incl (40)									
		Fire Assay AAS (30g fused sample) at Chemex Labs									
		Samples 3392- 3402 (11)Fire Assay (1/2 Assay-ton) at Agnico-Eagle Lab									
		all Agnico Pulps & Rejects repulverized , Fire Assay- gravimetric (30g fused sample) at Chemex Labs									
		géologue CP87 Val d'Or (Québec) J9P 4N9									

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90-A-148

Feuille No 1 de

De à

Profondeur totale: 56.39m

Journal: Marc H. Legault

Date: March 1990

Projet : P-90 NARM-DP Vezza
Claim : 455694-1
Canton : Vezza
Rang :
Lot :
N.T.S. : 32 F-12

Option Ligne :
Section : 16525E
Lat. : 16524.84E
Elévation Orifice: Grid 1000.68m
Azimut: Grid 359° 55' astron. 5° 49'
Niveau: Surface

Ord. :
Ord. : 10020N
Long. : 10020.07N

Profondeur : 0 | 56.4m
Plongée : -51° | -47°
Azimut : - | -
Commencé le : 17 February 1990
Terminé le : 18 February 1990
Entrepreneur : N. Morissette (Val d'Or)

Couronne
AX: EX:
AQ: BQ

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	13.30	Overburden (BQ casing to 15.24m left in hole)								
13.30	38.85	Interbedded argillite and wacke								
		19.0- 25.60: weak pervasive carbonate bleach								
		27.75- 32.0: moderate carbonate bleach alteration								
		32.0- 33.60: moderate banded carbonate- sericite silicification								
		zone								
		33.60- 38.85: moderate-strong carbonate silicification zone								
		38.70: visible gold grain								
38.85	41.35	Argillaceous shear zone- breccia zone								
		40.15- 40.75: strong carbonate altered aphanitic mafic volcanic								
41.35	56.39	Fine-medium grained gabbroic intrusion								
		41.35- 42.95: sheared carbonate-bleached aphanitic mafic (chill								
		zone?)								
		42.95- 47.90: strong carbonate alteration zone (minor green mica)								
		47.90- 50.90: carbonate-sericite weak green mica alteration-								
		shear zone								
	56.39	End of hole								
		Refer. J.L. Corriveau May 3, 1990								

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-148

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0	13.30	Overburden (BQ casing to 15.24m left in hole)									
13.30	38.85	Interbedded Argillite and Wacke									
		Alternating light grey and grey black bands									
		-70% fine-grained wacke- (minor aphanitic siltstone) bands									
		1cm- 3m thick (50cm average): trace- 7% (2% average) 0.5- 1.5mm									
		anhedral (trace euhedral) subequant quartz grains, trace-0.5%									
		(trace average) 1- 3mm sub-angular pale grey lithic fragments									
		(heterogeneous textures but intermediate composition) and									
		rare angular 1-3mm argillite chips, in a very fine-grained									
		clastic intermediate matrix (siltstone)									
		-difference between siltstone-wacke in grain size only- grada-									
		tional contacts 30% 0.5-20cm thick (5cm average) black aphani-									
		tic argillite bands; moderately sheared- pronounced slatey									
		cleavage									
		-Schistosity moderately developed in argillite 55-60° cax									
		-Banding generally cut by schistosity (see intervals below)									
		-Trace 1-4mm pyrite clots in wacke and argillite									
		-Generally weakly fractured at 15-50cm intervals parallel to									
		schistosity									
		13.30- 18.0: wacke-rich interval; schistosity moderately deve-									
		loped, traceable in argillite; banding is generally along the									
		core axis- wavy 0-50° cax- if orient core (so that schistosity									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-148

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet :		Ligne :		Ord. :		Profondeur :				Couronne
Claim :		Section :		Ord. :		Plongée :				AX: EX:
Canton :		Lat. :		Long. :		Azimut :				AQ:
Rang :		Elévation Orifice:				Commencé le :				
Lot :		Azimut:				Terminé le :				
N.T.S. :		Niveau:				Entrepreneur :				

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		is east-west dipping steep south) banding generally north									
		south dipping vertically! suspect may be refolding but unable									
		to trace properly	3410	17.50	19.0	1.50	Tr		0.040		
		-trace pyrite									
		18.0- 19.0: 1-5mm thick argillite seams- follow irregular pat-									
		tern generally 0° cax (similar north-south strike, 90° dip if									
		orient core). Seams are boudinaged (or injected?)									
		19.0- 25.60: Weak Pervasive Carbonate Bleach	3411	22.0	23.50	1.50	Tr	Tr Po	0.050		
		-Wacke is pale grey, argillite light-medium grey	3412	23.50	25.0	1.50	Tr	Tr Po	0.150		
		-Sedimentary textures visible but bleached appearance likely	3413	25.0	26.50	1.50	Tr		0.175		
		due to 5-10%, pervasive fine Fe-carbonate									
		-Upper contact gradual									
		-Lower contact argillite-rich interval									
		-Banding disjointed- transposed parallel to schistosity (55-60°									
		cax)									
		-Trace to very rare pyrite- minor pyrrhotite veinlets (trace									
		overall)									
		25.60- 27.75: Argillite-Rich Interval									
		-70% grey black weakly bleached sheared argillite									
		-30% 1-5cm thick wacke bands									
		-Banding cut by schistosity (60° cax), orientation of banding									
		varies from 60° cax (disjointed- transposed) to 35° cax									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-148

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		-if orient 35° cax bands, (schistosity east-west steep south							Chemex	Chemex reject	Chemex pulp
		dip) then appear to strike northeast to north-northeast with									
		vertical dip; schistosity slices-up (displaces) low angle bands									
		so that almost staircase pattern with 5mm zig-zag- unusual									
		27.75- 32.0: Moderate Carbonate Bleach Alteration- Shear	3414	27.75	29.0	1.25	Tr		0.065		
		-Alternating pale grey and medium grey	3415	29.0	30.0	1.00	Tr		0.255		
		-Fine-banded schistose rock	3416	30.0	31.0	1.00	Tr	AE	0.21	0.21	«0.07
		-Protalith 50% cm banded argillite- 50% cm banded wacke	3417	31.0	32.0	1.00	Tr		0.21	0.24	0.24
		-Wacke bleached to pale grey-white (10- 15% pervasive Fe-carbo-									
		nate)									
		-Argillite bleached to medium grey (weak overall carbonate con-									
		tent- possibly due to permeability)									
		-Banding is sheared, disjointed alligned parallel to moderate									
		strongly developed schistosity 60° cax									
		-Streaks of argillite-wacke common- witnesses increase in de-									
		formation									
		-Bleaching increases down-hole, schistosity relatively constant									
		-Lower contact where sericite increases quickly (minor sericite									
		developed along schistosity planes and in bleached bands within									
		1m of lower contact									
		-2-3% 1-5mm quartz veins parallel to schistosity									
		-Trace 1-3mm pyrite clots (brassy)									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-148

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est	Au. oz. T	Vérif.	
		32.0- 33.60: Moderate Banded Carbonate-Sericite-Silicification							AE	Chemex Reject	Chemex Pulp
		Zone									
		-Waxy grey yellow with pale grey bands	3418	32.0	33.0	1.0	Tr-	Tr	1.78	1.99	1.66
		-Banded alteration zone occurring on margin of pervasive					0.5%	Aspy			
		alteration down hole	3419	33.0	33.60	0.60	Tr-		0.14	0.27	«0.07
		-Near total textural destruction- recognize 50% wacke by					0.5%				
		a) bleached nature (as in interval above) b) presence of mm									
		quartz grains; all other textures are destroyed. Recognize 50%									
		(what interpret) argillite by a) aphanitic schistose nature									
		(although alteration obscures) and b) interbanded habit (similar									
		to interval above).									
		-Argillite is bleached and moderate-strongly sheared (due to 10-									
		15% pervasive Fe-carbonate and development of sericite)									
		-Wacke- initially strongly carbonate bleached (10-15% pervasive									
		Fe-carbonate and very weak pervasive fine sericite); progressi-									
		ve groundmass replacing silicification makes wacke siliceous									
		grey cherty appearance (end result); silicification associated									
		with presence of up to 10% mm irregular quartz stringers injec-									
		ted into matrix and cm thick grey siliceous vein network paral-									
		lel to foliation									
		-As intensity of silicification increases, sericite (and with it,									
		the foliation) decreases									
		-Banding often disjointed- until get amoeboid masses of silici-									
		fied wacke in carbonate bleached aphanitic matrix.									

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Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet :		Ligne :		Ord. :		Profondeur :				Couronne
Claim :		Section :		Ord. :		Plongée :				AX: EX:
Canton :		Lat. :		Long. :		Azimut :				AQ:
Rang :		Elévation Orifice:				Commencé le :				
Lot :		Azimut:				Terminé le :				
N.T.S. :		Niveau:				Entrepreneur :				

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex Reject	Chemex Pulp
		-Trace to (locally over 10cm) 0.5- 1% fine almost black amor-									
		phous pyrite clots (weak to strongly sheared)									
		-Trace mm disseminated arsenopyrite (up to 1% over 2cm)									
		33.60- 38.85: Moderate-Strong Carbonate Silicification Zone	3420	33.60	34.50	0.90	Tr		1.30	1.13	0.75
		-pale grey to beige marbled colour	3421	34.50	35.50	1.00	Tr		2.26	2.85	2.57
		-massive very poorly foliated rock	3422	35.50	36.50	1.00	Tr-		2.40	3.19	2.91
		-pervasive alteration- near complete textural destruction- of					0.5%				
		what was likely a wacke rich (80%) interval; visible 0.5- 1.0mm									
		quartz grains throughout (no other textures except for narrow									
		aphanitic (weakly silicified) bands (siltstone?))									
		-matrix pervasively silicified with 10-15% pervasive fine-carbo-									
		nate; 10- 20% fine mm to hairlike anastomosing grey silica-									
		carbonate veinlets throughout- gives rock a marbled texture.									
		-up to 10% very fine irregular quartz veinlets									
		-generally very poor foliation; locally fine carbonate-silica									
		veinlet fracture system is oriented 50- 60° cax									
		Trace to (1% very fine) (0.5- 1mm) disseminated pyrite (0.5%									
		overall)- pyrite is sheared- brassy coloured									
		-Upper contact where silicification dominates (10cm zone)									
		-very weakly fracture (fractures 50- 60° cax at 20- 70cm inter-									
		vals)									
		(33.60- 36.50) trace fine «1.0mm disseminated pyrite; locally									
		(«5% interval) 0.5% pyrite over 10cm widths									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex Reject	Chemex Pulp
		(36.50- 38.70) grey-dark grey marbled vitreous appearance (very strong silicification); 0.5- 1% finely disseminated pyrite (unusual); foliation very weakly defined. 55- 60° cax;	3423	36.50	37.50	1.0	0.5-1%		5.97	6.0	5.62
		very weak fine dark fractures (30- 35° cax)	3424	37.50	38.35	0.85	1%		3.29	4.66	3.94
		-quartz veinlets very rare	3425	38.35	38.85	0.50	Tr- 0.5%	Visible gold	29.28	24.40	26.10
		(38.70- 38.85) silicified vitreous interval; narrow white 3mm quartz veinlet 5° cax: single 1.5mm star shape grain of VISIBLE GOLD. Very little disseminated pyrite									
		-Lower contact sharp against breccia zone (fractured but at high core angle 70- 80° ?)									
38.85	41.35	Argillaceous Shear Zone- Breccia Zone									
		-composite unit comprised of 3 distinct sub-units described below									
		(38.85- 40.15) Argillaceous shear zone- breccia zone	3426	38.85	39.50	0.65	1-2%		2.88	3.36	2.91
		-light beige and grey-white fragments in black matrix	3427	39.50	40.15	0.65	0.5%		0.21	0.34	0.10
		-70% 1.0mm- 15cm thick visible deformed- angular- sub-angular fragments set in a block strongly schistose (very weakly graphitic) argillite matrix									
		-Fragments of two types; 1) 50% light grey silica-carbonate altered aphanitic felsic (?) fragments with 20- 25% fine Fe-carbonate (lighter coloured than wallrock up-hole) and 2) beige strong carbonate altered (20- 25% calcite and Fe-carbonate)									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		aphanitic intermediate fragments.									
		-Felsic silicified fragments are now common near upper contact;									
		absent near lower contact									
		-Fragments flattened (3-5:1) and have feathery outlines									
		-Unit definitely tectonic breccia.									
		-Cm-dm sized carbonatized fragments (ie. larger fragments) are									
		more common from (39.50- 40.15)									
		-Schistosity 65-70° cax									
		-1-2% pyrite overall as cm sheared clots in argillite matrix.									
		-Lower contact approximate, fractured weakly at 5- 30cm intervals.									
		40.15- 40.75: Strong Carbonate Altered Aphanitic Mafic Volcanic	3428	40.15	40.75	0.60	Tr		«.07	0.14	«0.07
		-light grey beige with black									
		-95% sheared aphanitic rock (interpret to be a mafic volcanic									
		but likely very poor textural preservation) with 20- 25% perva-									
		sive fine Fe-carbonate and calcite									
		-5% argillaceous material along fractures and tightly folded									
		veins (?) - jagged contacts									
		-Rock identical to beige carbonatized "fragments" in tectonic									
		breccia above									
		-This sub-unit is likely itself a large fragment									
		-Trace 2- 3mm pyrite in matrix									
		-Schistosity 60- 65° cax									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									AE	Chemex Reject	Chemex Pulp
		40.75- 41.35: Argillaceous Shear Zone- Breccia									
		-identical to (38.85- 40.15) except carbonatized fragments									
		dominate	3429	40.75	41.35	0.60	1%		0.75	0.45	0.75
		-(41.05- 41.15) sheared aphanitic felsic dyke: schistosity 60°									
		cax; fractured upper and lower contacts									
		-Lower contact of shear zone (argillaceous) sharp 60° cax									
41.35	56.39	Fine-Medium Grained Gabbroic Intrusion									
		dark green with green black spots									
		-in less altered zones, porphyritic appearance with 10- 20% 1-3mm									
		anhedral chloritic relict mafic phenocrysts (subequant) set									
		in a microgabbroic looking chlorite-calcite altered matrix (mm									
		grain-size approximately)									
		-Generally massive, very weakly foliated 60- 70° cax (?)									
		-Very poor textural preservation of matrix elements- relict									
		phenocrysts barely visible due to coincident weak-moderate per-									
		vasive chlorite and 10- 15%, pervasive calcite (green schist									
		facies)									
		-2-3% 1-5mm irregular chlorite fractures									
		-3-5% 1-10mm calcite veins 0- 90° cax									
		-weakly fractured at 20- 50cm intervals 60- 90° cax									
		-1% mm irregular leucoxene locally									
		-The phenocrysts and leucoxenes are the only elements which									
		persist in spite of very strong alteration described below.									

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Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		41.35- 42.95: Sheared Carbonate Bleached Aphanitic Mafic (Chill							AE	Chemex Reject	Chemex Pulp
		zone or Volcanic?)									
		-medium grey green	3430	41.35	42.35	1.0	Tr		0.27	0.17	0.17
		-aphanitic moderately sheared (65° cax) mafic looking									
		-interval which at first glance doesn't appear strongly deformed									
		except when observe boudinaged felsic dyke fragments down-hole.									
		-minor 1-5mm irregular dark chloritic slips-bands									
		-5-20% (not uniform) pervasive Fe-carbonate and calcite									
		-Trace 1-2mm sheared pyrite disseminated									
		-(41.8- 42.10) 50% 2cm-10cm masses of quartz porphyritic felsic									
		dyke (2-3% subhedral mm quartz phenocrysts in an aphanitic									
		light grey felsic matrix- weakly sericitized- 5% carbonate)									
		-felsic masses are lensoid sheared up - boudinaged within the									
		aphanitic mafic matrix- almost quartz like									
		-alligned 65- 70° cax									
		-the largest band is 10 cm at (42.0- 42.1)									
									Chemex		
		(42.10- 42.95) as in sub-unit description except 1-2% sheared	3431	42.35	42.95	0.60	Tr		0.030		
		mm leucoxene alligned 60- 65° cax									
		-lower contact approximate- sericitic slip marks aphanitic-									
		porphyritic contact									
		42.95- 47.90: Strong Carbonate Alteration Zone	3432	42.95	44.0	1.05	Tr		0.005		

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-pale grey with grey-green spots									
		-complete textural destruction due to 20- 25% pervasive fine-	3433	44.0	45.0	1.0	Tr		«0.005		
		grained Fe-carbonate and minor calcite completely destroys	3434	45.0	46.50	1.5	Tr		0.005		
		matrix elements and partially observes chloritic phenocrysts									
		(sheared 2-3:1- pale green)									
		-1-2% sheared leucoxene parallel to moderate schistosity (65°									
		cax)									
		-3-5% irregular 1-5mm calcite veins (0- 90° cax)									
		(45.8- 47.25) strongly bleached aphanitic interval- very weakly									
		silicified; trace- 2-3mm pyrite clots									
		1% 1-5mm quartz veinlets 45° cax									
		-vague upper and lower contacts (lower contact 70° cax)									
		(47.25- 47.90) moderately sheared 70° cax; minor green mica	3435	46.50	47.90	1.40	Tr		0.010		
		stains of chloritic phenocrysts over 2-3cm bands 70° cax									
		Lower contact approximate									
		47.90- 50.90: Carbonate-Sericite, Weak Green Mica Alteration-									
		Shear Zone									
		-pale grey green with green to emerald green spots to limonitic									
		orange									
		-Generally moderately sheared version of altered gabbro descri-									
		bed (42.95- 47.90) except green mica weakly developed through-	3436	47.90	49.40	1.50	Tr		«0.005		
		out matrix and phenocrysts	3437	49.40	50.90	1.50	Tr		0.010		
		-phenocrysts sheared 5:1 70- 75° cax	3438	50.90	52.40	1.50	Tr		«0.005		

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Feuille No 12 de _____

De _____ à _____

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Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		-(47.90- 49.0) fractured 5-10cm intervals; strong limonite staining over 5- 35cm fractured intervals 70- 80° cax							Chemex	
		-Lower contact approximately where strong schistosity diminishes rapidly and alteration diminishes								
		50.90- 56.39: relatively unaltered (as in main unit) except for 1.0m interval near upper contact where weak carbonate bleach diminishes								
	56.39	End of hole								
		8 boxes								
		Sample series 3410- 3438(29 samples)								
		Samples 3410- 3415 incl. 3431- 3438 incl (14) Fire Assay AAS (30gfused sample) at Chemex Labs								
		Samples 3416- 3430 incl. (15) Fire Assay (1/2 Assay ton) at Agnico-Eagle all Agnico Pulp & Rejects Fire Assay- gravimetric (30g fused sample) at Chemex								
		Marc Fortin géologue								
		CP 87								
		Val d'Or (Québec)								
		J9P 4N9								

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Feuille No 1 de _____

De _____ à _____

Profondeur totale: 89.10m

Journal: Marc H. Legault

Date: March 1990

Projet	: P-90 NARM-DP Vezza	Option Ligne	:	Ord.	:	Profondeur	: 0	45.7m	86.9m	Couronne	
Claim	: 455694-1	Section	: 16525E	Ord.	: 9990N	Plongée	: -51°	-48°	-46°	AX: EX:	
Canton	: Vezza	Lat.	: 16527.17E	Long.	: 9990.87N	Azimut	: -	-	-	AQ: BQ	
Rang	:	Elévation Orifice:	Grid 1000.30m			Commencé le	: 16 February 1990				
Lot	:	Azimut:	Grid 359° 09' Astron 5° 03'			Terminé le	: 17 February 1990				
N.T.S.	: 32F/12	Niveau:	Surface			Entrepreneur	: N. Morissette (Val d'Or)				

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	18.30	Overburden (BQ casing to 18.90m left in hole)								
18.30	63.85	Interbedded Wacke and Argillite								
		27.40- 34.0: Quartz-carbonate vein zone- chert?								
		34.0- 36.0: Weak carbonate bleached Argillite/ minor Pyrrhotite bands)								
		36.0- 40.50: Moderate carbonate bleach alteration								
		51.30- 55.50: Weak carbonate very weak sericite bleach alteration								
		57.0- 61.0: Weak carbonate bleach alteration								
		61.0- 63.0: Moderate-weak fracture-controlled-pervasive carbonate alteration								
		63.0- 63.60: Weak-moderate banded carbonate- silicification- weak sericite alteration								
		63.60- 63.85: narrow moderate carbonate silicification zone								
63.85	65.70	Argillaceous shear zone- breccia zone								
65.70	66.40	Carbonate- silicified altered sediment (or gabbro)								
66.40	89.10	Fine-medium grained Gabbroic Intrusion								
		66.40- 66.80: aphanitic carbonate bleached sheared mafic (chilled volcanic)								

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De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ Couronne AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		66.80- 75.50: Moderate carbonate alteration zone									
		80.0- 89.10 Moderate chlorite-calcite alteration									
	89.10	End of hole									
		Refer. J.L. Corriveau May 3 1990									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0	18.30	Overburden (BQ casing to 18.90m left in hole)									
18.30	63.85	Interbedded Wacke and Argillite									
		-alternating light grey and grey black									
		-50- 60% (overall) fine-grained light grey 1.0cm -3m thick									
		(30cm average) bands of wacke: trace- 5% 0.5- 1.5mm subrounded									
		equant quartz grains, trace- 5% (1% average) visible 0.5- 2mm									
		sub-angular to sub-rounded light grey coloured aphanitic lithic									
		fragments (intermediate-felsic composition) and trace mm alli-									
		gned argillite chips (rare); matrix fine-grained elastic (silt-									
		stone) intermediate composition.									
		-40% black 1mm- 30cm thick (5 cm average) aphanitic schistose,									
		argillite.									
		-Generally sharp contacts between argillite and wacke-siltstone									
		bands									
		-Schistosity moderate- well developed in argillite 55- 60° cax									
		-Banding generally cut by schistosity at a low angle- banding									
		tends to be subparallel to schistosity but may be disrupted									
		transposed parallel to schistosity- see feathery jagged edges									
		to bands and discontinuous banding (especially in argillite rich									
		intervals)									
		-Trace- 5% pervasive calcite in wacke bands									
		-Trace pyrite mm disseminated									
		-No visible grading									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-Weakly- moderately fractured at 5-30cm intervals (roughly 80% RQD)									
		18.30- 23.0: Wacke-rich interval; 70% 20cm- 1.5m thick bands trace 1-3mm pyrite in wacke; banding 60° cax cut by schistosity 60° cax	3439	19.75	21.25	1.50	Tr		«0.005		
			3440	21.25	22.75	1.50	Tr		«0.005		
		-minor limonite stains along fractures at 1.0m intervals									
		23.0- 27.40: Sheared argillite and wacke; as in main unit description schistosity disrupts and cuts banding 55- 60° cax	3441	25.90	27.40	1.50	Tr		0.040		
		-minor pyrite clots up to 1cm size									
		-minor (3-5%) quartz calcite veins along schist planes (boudinaged?)									
		27.40- 34.0: Quartz-carbonate vein zone in argillite rich interval									
		-40% quartz-calcite veins in argillite rich interval (70- 80% cm argillite bands)									
		-Veins of 2 types: 1) 1-35cm thick coarse grained veins with 30cm clots of cubic calcite and 1% 5mm pyrrhotite clots; 2) dark grey quartz- calcite (10- 20% fine pervasive) veins subparallel to banding- very weakly banded also- possible chert?									
		-Coarse quartz calcite veins (extension veins?) cut fabric 0-90° cax; random (apparent) orientations									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-149

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		-Grey quartz veins follow banding (60- 65° cax) and often define								
		folding in argillite	3442	27.40	28.50	1.10	0.5%	0.5%	0.060	
		-Host argillite may be locally bleached- more often mm-cm wide	3443	28.50	29.50	1.0	0.5%-		0.095	
		chloritic margins to coarse veins					Tr			
		-Trace- 5-10mm pyrrhotite clots in argillite	3444	29.50	30.50	1.0	Tr		0.005	
		(27.40- 28.80) 50% coarse quartz calcite veins; 10% grey quartz	3445	30.50	31.50	1.0	Tr		0.035	
		calcite veins; 0.5% pyrite- pyrrhotite	3446	31.50	32.50	1.0	Tr		<0.005	
		(28.80- 32.0) 30- 40% 1-10cm grey quartz calcite veins; banding								
		in argillite disrupted- cut by schistosity 60- 65° cax								
		-quartz-calcite veins parallel to foliation- almost banded looking								
		- chert?								
		-"Z" shaped folds in veins near 30.0m (if orient core so that								
		schistosity east-west steep south dipping) fold axes plunge								
		vertically (5cm wagelength); fold planes parallel to schistosity								
		(32.0- 34.0) 20% coarse quartz-calcite veins; 10% grey quartz	3447	32.50	34.0	1.50	Tr-	Tr-	0.010	
		calcite veins; tr- 0.5% pyrite- pyrrhotite clots; thick vein					0.5%	0.5%		
		(40cm) near 32.50 has 20cm chlorite margins.								
		34.0- 36.0: Weak Carbonate Bleached Argillite- rich interval	3448	34.0	35.0	1.0	Tr	1%	0.020	
		-pale-medium grey	3449	35.0	36.0	1.0	Tr	1%	0.035	
		-moderately foliated 60° cax								
		-argillite and wacke bands are obscured by pervasive bleaching								
		(5% calcite- 10% Fe-carbonate) and moderately developed schis-								
		tosity								

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-1% 1-5mm thick discontinuous pyrrhotite rich bands-clots (70-80%									
		very fine to mm pyrrhotite and minor pyrite) alligned parallel									
		to foliation; banded to lensoid shapes; pyrite 1-3mm cubes-									
		clots									
		-lower contact where bleaching increases and pyrrhotite dimini-									
		shes									
		36.0- 40.50: Moderate Carbonate Bleach Zone	3450	36.0	37.50	1.50	Tr		0.005		
		-pale grey to waxy grey yellow	3451	37.50	39.0	1.50	Tr		«0.005		
		-fine-grained wacke-rich interval (80% overall) bleached due to	3452	39.0	40.50	1.50	Tr		0.010		
		pervasive 3- 5% fine calcite and 10% Fe-carbonate									
		-banding very poorly defined									
		-schistosity weakly developed 60° cax									
		-trace mm disseminated pyrite									
		40.50- 51.30: Interbedded Argillite and Wacke (as in main unit	3453	40.50	42.0	1.50	Tr		0.010		
		description)	3454	44.0	45.50	1.50	Tr		0.010		
		-schistosity moderately developed 65° cax	3455	48.30	49.80	1.50	Tr		0.260		
		-banding irregular- discontinuous- generally cut by schistosity	3456	49.80	51.30	1.50	Tr		0.030		
		(banding 0- 90° cax)									
		-2-3% 1-5mm calcite veinlets ptygmatically folded									
		-Trace 1-5mm disseminated euhedral pyrite									
		(48.50- 51.30) banding sheared parallel to schistosity									

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Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
		51.30- 55.50: Weak Carbonate- very weak Sericite Alteration-							Chemex		
		Bleach Zone	3457	51.30	52.50	1.20	Tr		0.025		
		-pale grey to waxy yellow grey	3458	52.50	54.0	1.50	Tr		0.030		
		-generally faint alteration- good textured preservation	3459	54.0	55.50	1.50	Tr		0.065		
		-protolith fine-coarse grained wacke; weakly sheared; still									
		visible bleached 1-3mm sub-angular lithic fragments- matrix is									
		bleached to weak pervasive (5- 10%) Fe-carbonate and development									
		of disseminated sericite- weakly sheared; gradual contacts									
		-Trace pyrite									
		55.50- 57.0: Interbedded Wacke and Argillite- as in main unit									
		except 60% cm argillite bands interbedded with weakly bleach cm									
		wacke bands alligned parallel to schistosity 70° cax									
		-Trace- 1-3cm pyrite cubes									
		(56.0- 56.40) fractured core- redrilled core							AE	Chemex reject	Chemex pulp
		57.0- 61.0: Weak Carbonate Bleach Zone	3460	58.0	59.0	1.0	Tr		«.07	0.07	0.10
		-pale medium grey	3461	59.0	60.0	1.0	Tr		0.07	0.10	«.07
		-banding alligned with schistosity 70° cax	3462	60.0	61.0	1.0	Tr		0.14	0.10	«.07
		-weak pervasive Fe-carbonate (5- 10% overall) gives rock more									
		uniform medium grey colour in spite of banded habit. (bedding									
		transposed)									
		-trace pyrite disseminated									
		-lower contact approximate									

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Feuille No 8 de _____

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Profondeur totale: _____

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Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex pulp
		61.0- 63.0: Moderate-weak Fracture-controlled Carbonate Altera-									
		tion	3463	61.0	62.0	1.00	Tr-nil		0.07	0.07	0.10
		-medium to pale grey	3464	62.0	63.0	1.00	Tr-nil		0.34	0.55	0.24
		-visible banding not affected by alteration									
		-host rock very fine grained siltstone-wacke with less than 20%									
		1-5cm argillite bands (70° cax)									
		-progressive weak bleaching due to 5-10% pervasive fine-carbonate									
		but as approach lower contact ie									
		(62.0- 63.0) 25-75% moderate bleaching occurs within 2mm to 5cm									
		of fractures 15-70° cax (sub-parallel to foliation); as fractu-									
		re pattern increases, so does proportion of bleaching; fractures									
		are irregular									
		-very weak sericite along schist planes within 1.0m of lower									
		contact									
		-trace- rare mm disseminated pyrite									
		-lower contact where silicification begins									
		63.0- 63.60: Weak-Moderate Banded Carbonate-Silicification,									
		Weak Sericite Alteration	3465	63.0	63.85	0.85	Tr-	0.5%	2.33	2.43	2.50
		-alternating light grey and greyish waxy yellow					0.5%				
		-banded sheared interval									
		-progressive development of sericite and cm bands of silicified									
		wacke (protolith likely cm banded wacke-argillite- visible cm									
		wide bands of silicified material with 0.5mm quartz grains;									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		argillite likely aphanitic intervals altered to sericite?)									
		-Sericite developed progressively over cm intervals (50% overall)									
		defines schistosity 70- 75° cax (also weak fe-carbonate increa-									
		ses bleaching); sericite decreases rapidly at lower contact (as									
		silicification becomes pervasive									
		-Silicification occurs initially along fine fractures 70- 75°cax									
		(filled with mm quartz-carbonate); visible halo of bleached si-									
		licification (with 10-15%, fine Fe-carbonate); silicification									
		increases intensely rapidly									
		-minor 5mm quartz veinlets 70° cax									
		-0.5% 1-3mm sheared pyrrhotite clots and mm veinlets with trace-									
		0.5% sheared parallel to schistosity									
		-rock fractures-parts easily along schist planes									
		63.60- 63.85: Narrow Interval of Moderate Pervasive Carbonate-									
		Silicification									
		-pale grey									
		-weak- sheared									
		-massive homogeneous interval of moderate pervasive penetrative									
		silica-carbonate alteration (protolith appears to have been a									
		wacke)									
		-alteration increases rapidly- lower contact sharp against fault									
		(fractured)									
		-rock grey uniform alteration cut by fine (0.5mm) short									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T AE	Vérif. Chem reject	Chem pulp
		(1-15mm) dark fractures- define foliation 70° cax									
		-5% 1-5mm discontinuous grey bands (veins?) of siliceous material									
		(relatively)									
		-0.5% 1-3mm pyrite clots (trace pyrrhotite?)									
		-rock parts easily (faint sericite- local argillite parting-									
		due to fault proximity?)									
63.85	65.70	Argillaceous Shear Zone- Breccia Zone	3466	63.85	65.0	1.15	1-2%		0.21	0.10	0.10
		-pale grey beige and black	3467	65.0	65.70	0.70	1%		«.07	0.09	0.34
		-sheared fragmental rock									
		-70-80% mm-5cm strongly deformed visible fragments in an argil-									
		laceous to grey carbonate rich schistose matrix- fault breccia									
		-fragments: possibly 2 types (based on textures): 1) 90% beige									
		aphanitic strong carbonate altered (20- 25% very fine Fe-carbo-									
		nate), possibly mafic volcanic or aphanitic sediments (silt-									
		stone?) 2) 10% beige speckled fragments 15- 20% pin-head sized									
		dark specks in an aphanitic altered matrix similar to other									
		fragment type									
		-fragments deformed 3-10:1, have feathery jagged termination									
		and are alligned parallel to schistosity 75- 80° cax									
		-matrix variably strong- weakly argillaceous- schistose and									
		strongly pervasively carbonatized									
		-percent matrix is variable									
		-1-2% coarse (mm-cm) sheared clots and disseminations of pyrite									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	A	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		in argillaceous matrix and disseminated mm clots in fragments							AE	Chemex reject	Chemex pulp
		-fractured at 3-5cm intervals 70-80° cax (rock parts easily along schist planes)									
		-upper and lower contacts sharp but fractured off (likely 70-80° cax)									
65.70	66.40	Limonite Stained Moderate Strong Carbonate Silicification Zone (altered sediment?)	3468	65.70	66.40	0.70	Tr		0.14	0.31	0.31
		-limonite orange and grey									
		-strongly altered rock with very poor textural definition; occasional (5%) 1-2mm darker grey spots (suggest gabbro) but see 0.5-1.0mm quartz-looking grains suggesting sediment									
		-strong resemblance with (63.60- 63.85) suggests more likely a sediment protolith									
		-70% mm pale grey anastomosing silica-carbonate veinlets generally alligned parallel to foliation; matrix silicified and stong limonite stained (alteration- weathering of Fe-carbonate)									
		-5% mm-cm quartz carbonate veins 35- 45° cax									
		-weak- moderately fractured (must be groundwater channel to have such a limonite stain- not common) sub-parallel to foliation 65° cax									
		(66.20- 66.30) Fractured Aphanitic Felsic Dyke									
		-sheared felsic rock with trace- 5% 1mm subhedral quartz									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 12 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
		phenocrysts. Fractures 60° cax at 1-15mm intervals							AE	CHEMEX Reject	CHEMEX Pulp
		-not limonite stained (because very little carbonate)									
		(66.30- 66.40) Sheared Carbonate Altered Interval									
		1% pyrite clots; sheared 70° cax; minor argillite slips									
		1-3mm thick- lower contact of fault? 70° cax									
66.40	89.10	Fine-Medium Grained Gabbro									
		-dark green with green black spots									
		-in less altered intervals- massive- porphyritic textures;									
		1-3mm anhedral phenocrysts in mm microgabbroic matrix									
		-10-15% 1-3mm anhedral chloritic relict-subequant mafic pheno-									
		crysts set in a relatively poorly preserved mocrogabbroic									
		matrix altered by chlorite- calcite- weak epidote (green schist									
		assemblage)									
		-see vague mm grain-size (may be only metamorphic texture)									
		-5- 20% pervasive calcite									
		-minor mm anhedral leucoxene grains									
		-very weak foliation developed where chloritic alteration strong									
		enough for schistosity to develop (55- 60° cax)									
		-2- 3% 1-10mm calcite veins 0- 90° cax									
		66.40- 66.80: Aphanitic Sheared Carbonate Bleach Mafic (chill zone?)									
		-aphanitic pale grey weak moderately sheared mafic interval	3469	66.40	67.40	1.0	Tr-0.5%		«.07	0.07	«.07
		with gradual lower contact									

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No 90A-149

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 13 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif.	
		-Schistosity and bleaching (due to 15- 20% fine Fe-carbonate)								Chemex reject	Chemex pulp
		decreases from upper contact									
		-0.5% 1-4mm dark pyrite clots									
									Chemex		
		66.80- 75.50: Moderate Carbonate Alteration Zone	3470	67.40	68.50	1.10	Tr		«0.005		
		-pale grey with grey black spots	3471	68.50	70.0	1.50	Tr		«0.005		
		-complete textural destruction of matrix elements; 10- 15%	3472	70.0	71.50	1.50	Tr		«0.005		
		chloritic clots-bleached partially obscured by pervasive blea-	3473	71.50	73.0	1.50	Tr		«0.005		
		ching due to 15- 20% pervasive Fe-carbonate	3474								
		-2- 3% irregular leucoxene in matrix									
		-identify as gabbro due to overall resemblance and gradual lower									
		contact with relatively unaltered gabbro below									
		-trace pyrite									
		-weak developed schistosity 70° cax: 3-5% calcite veins 45-70°cax									
		-bleaching progressively decreases and matrix elements and phe-									
		nocrysts gain textural definition									
		(74.20- 75.50) Feldspar Porphyritic Interval									
		5-15% 1-3mm anhedral-subhedral chalk white phenocrysts distri-									
		buted irregularly throughout									
		- phenocrysts are fractured and react weakly with acid (likely									
		albite)									
		- lower contact approximate where alteration ends but albite									
		phenocrysts persist									

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JOURNAL DE SONDAGES

No 90A-149

Feuille No 14 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		75.50- 79.25: 2-3% anhedral 2-3mm feldspar phenocrysts								
		minor chlorite calcite veinlets 15-90° cax- fractures 0-20° cax								
		80.0- 89.10: Relatively Moderately Chlorite-Calcite altered	3474	80.50	82.0	1.50			«0.005	
		weak sheared 55° cax	3475	82.0	83.50	1.50			«0.005	
		(82.0- 83.60) 1- 10cm calcite vein (5% quartz clots) at 0°cax	3476	83.50	85.0	1.50			«0.005	
		88.50- 89.10: Moderately Sheared 40- 60° cax	3477	88.0	89.10	1.10			0.005	
		Trace pyrite								
	89.10	End of hole								
		13 boxes								
		Sample series 3439- 3477 incl. (39 samples)								
		Samples 3439- 3460 incl & 3470- 3477 incl. (29) Fire Assay AAS								
		(30g fused samples at Chemex Labs								
		Samples 3460- 3469 (10) Fire Assay (1/2 assay-ton) at Agnico-								
		Eagle lab. All Agnico Pulps & Rejects repulverized, Fire Assay-								
		gravimetric (30g fused sample) at Chemex Labs								
		Marc Legault géologue								
		C.P. 87								
		Val d'Or (Québec)								
		J9P 4N9								

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JOURNAL DE SONDAGES

No 90A-150

Projet : P-90 NARM-DP Vezza Option
Ligne : ________ Ord. : ________
Claim : 455694-1
Section : 16525E Ord. : 9952N
Canton : Vezza
Lat. : 16525.03E Long. : 9950.59N
Rang : ________
Élévation Orifice: Grid 999.79m
Lot : ________
Azimut: 000° (Grid) 003° 6'
N.T.S. : 32F/12
Niveau: Surface

Profondeur	0	45.7m	123.5m
Plongée	-52° 45'	-50°	-41°
Azimut	-	-	-

Couronne AX: EX: AQ:

Commencé le : 18 February 1990
Terminé le : 19 February 1990
Entrepreneur : N. Morissette (Val d'Or)

Feuille No 1 de ________
De ________ à ________
Profondeur totale: 123.44

Journal: Marc H. Legault
Date: March 1990

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
		SUMMARY									
0	18.50	Overburden									
18.50	20.10	Interbedded Lean Iron Formation and Bleached Wacke and Argillite									
20.10	112.25	Interbedded Wacke and Argillite									
		20.10- 26.00 Weak Pervasive Carbonate Bleach									
		28.30- 28.70 Interbedded Jasper-Chert and Bleached Wacke-Argillite									
		28.70- 33.30 Sheared-Fractured Carbonate Bleached Wacke									
		44.0- 50.30 Sheared Fractured Carbonate Bleached Wacke									
		54.80- 58.25 Sheared Carbonate Bleached Wacke									
		73.25- 76.80 Quartz-vein Zone- Shear Zone									
		93.50- 99.0 Weak Carbonate Bleached Coarse Wacke									
		99.0 105.50 Weak-moderately Sheared Argillite									
		105.50- 108.50 Weak Moderate Carbonate Bleach Alteration									
		108.50- 109.50 Moderate Strong Carbonate-Sericite Alteration- Shear Zone									
		109.50- 110.60 Altered Lean Iron Formation- Chert and									
		Moderate-Strong Carbonate-Sericite Altered Wacke- Argillite									
		110.60- 111.60 Moderate-Strong Carbonate-Sericite Alteration Shear Zone									
		111.60- 112.25 Banded to Pervasive Carbonate Silicification Near Sericite Alteration Zone									
112.25	114.40	Argillaceous Shear Zone- Breccia Zone									
114.40	123.44	Fine-medium grained Moderate Carbonate Altered Gabbro	Refer. J.L. Corriveau May 3, 1990								
		114.40- 115.50 Moderate Carbonate Weak Green Mica Alteration- Shear Zone									
		117.80- 123.44 Moderate-Strong Carbonate Bleach									
	123.44	End of Hole									

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			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
0	18.50	Overburden (BQ casing to 18.90m left in hole)									
18.50	20.10	Interbedded Altered Lean Iron Formation and Bleached Wacke-Argil-									
		lite									
		-alternating pale grey, dark grey and deep red	3523	18.50	19.50	1.00	Tr-0.5%		«0.005		
		-30% 1cm- 25cm thick bands of altered iron formation- chert in-	3524	19.50	20.10	1.10	1%	Aspy Tr	0.015		
		terbedded with 70% very fine-grained 10- 60cm thick intervals									
		of bleach wacke (?) and dark grey bleached argillite									
		-Iron formation: consists of 60- 70% mm laminated alternating									
		beige grey and pink-red chert with 1-5mm discontinuous remnant									
		bands of magnetite (up to 25%- 10% on average); laminations and									
		magnetite broken up by hairlike fractures which often have 2-3cm									
		displacements along them; fractures filled with silica-carbonate									
		(fractures tend to cut banding)									
		-Magnetite bands are sectionned and appear to be dissolved by									
		fractures and 1-15mm quartz veins									
		-5-10% white mm pyrite occurs as coarse disseminated clots and									
		along quartz veinlets									
		-locally trace arsenopyrite									
		-banding 50- 60° cax- disrupted by microfaults oriented northwest									
		shallow northeast dip (if orient core so that banding east-west,									
		steep south dip)									
		-fine-grained sediment- pale grey weakly banded, 50- 50° cax,									

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			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		bleached to pale grey due to 10% pervasive Fe-carbonate; sedi-									
		ments likely a fine-grained wacke siltstone; minor cm thick									
		argillaceous grey black intervals									
20.60	112.25	Interbedded Wacke and Argillite									
		-alternating light grey and grey black bands									
		-70% light-medium grey fine-grained wacke bands 1cm- 4m thick									
		(50cm average) alternate with 30%mm- 1.5m thick (20 cm average)									
		argillite bands									
		-Wacke: trace- 5% (1-2% average) 0.5- 2.0mm anhedral sub-rounded									
		quartz grains, trace- 2% mm subangular lithic fragments, trace									
		mm-cm argillite chips set in a fine-grained intermediate clastic									
		matrix (siltstone); very weak grading visible between wacke-									
		siltstone sets (see intervals below)									
		-Argillite: aphanitic black very weakly banded, moderate- weakly									
		sheared (slaty cleavage); generally sharp contacts against									
		wacke.									
		-Banding generally parallel to schistosity (developed in argil-									
		lite) 55° cax									
		-Generally trace 1-3mm disseminated pyrite									
		-1-3% 1-5mm calcite veinlets parallel to schistosity									
		20.10- 26.00: Weak Pervasive Carbonate Bleach	3525	20.10	21.60	1.00	Tr		«0.005		
		-pale grey and grey-white- minor limonite orange	3526	21.60	23.10	1.50	Tr		0.025		

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		-Most of alteration occurs in very fine-grained-indurated silt-							Chemex		
		stone and wacke; bleaching to pale grey occurs along bedding	3527	23.10	24.60	1.50	Tr		0.005		
		planes and along margins of fractures cutting bedding.									
		-Several examples of partial bleach									
		-Banding 50° cax									
		-Weak grading near 22.0 and 22.5m (tops down hole- ie south)									
		-Trace disseminated mm white pyrite (not arsenopyrite)	3529	24.60	26.10	1.50	Tr		«0.005		
		(25.0- 26.30) fractured 2-10cm intervals at 0- 50° cax;									
		generally parallel to foliation; limonite stains along fracture									
		26.0- 28.30: Moderately Sheared thinly bedded Argillite-Siltstone	3530	26.10	27.60	1.50	Tr-nil		«0.005		
		-alternating 1-3mm light grey fine-grained siltstone, and grey	3531	27.60	28.30	0.70	tr-nil		«0.005		
		black sheared argillite									
		-fractured at 10cm intervals parallel to banding-schistosity									
		55° cax									
		-5% pervasive Fe-carbonate									
		28.30- 28.70: Interbedded Jasper-chert and Bleached Wacke-Argil-	3532	28.30	28.80	0.50	Tr		0.160		
		lite	3533	28.80	29.80	1.00	Tr-nil		«0.005		
		-5% 15-20mm thick finely banded to massive beige-pink Jasper									
		Chert interbedded with moderate Carbonate bleached wacke-argilli-									
		te; bandy 55° cax; trace 2-3mm eudhdral disseminated pyrite									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									Chemex		
		28.70- 33.30: Sheared-fractured Carbonate Bleached Wacke									
		-grey- limonite orange	3534	29.80	31.30	1.50	Tr		0.010		
		-host rock moderately carbonate-bleached (5-10% pervasive Fe-	3535	31.30	32.80	1.50	Tr		«0.005		
		carbonate)	3536	32.80	34.30	1.50	Tr		0.005		
		fine grained wacke									
		-Schistosity moderately developed (50- 55° cax)									
		-Rock cut-sectioned by 5% mm dark chloritic fractures at low deg.									
		cax- irregular mm-cm spaced network-									
		-Often observe cm amoeboid masses isolated in sheared matrix.									
		-hard to describe but interpret to be chloritic fracture zone									
		at low core axis angle (rock parts at cm-dm intervals)									
		-minor limonite stains along 10% interval									
		-lower contact where argillite-rich interval begins and fractu-									
		ring decreases									
		33.30- 44.0: Interbedded Wacke and Argillite (as in main unit									
		description)									
		-Schistosity moderately developed 50° cax									
		-3-5% pervasive Fe-carbonate in wacke									
		-banding generally parallel to schistosity									
		(40.10- 40.40) kinks? angular fine fracture pattern cut									
		argillite bands									
		(40.40) Isoclinal folding- visible fold hinges- dismembered									
		folds; if orient core so that schistosity east-west, steep									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		south dip, fold hinge plunge vertically, fold planes parallel									
		to schistosity									
		(41.0- 44.0) banding at 0- 90° cax fractures 0° cax	3537	42.50	44.0	1.50	Tr		0.005		
		44.0- 50.30 Sheared-fractured Carbonate Bleached Wacke	3538	44.0	45.50	1.50	Tr		0.010		
		similar to (28.70- 33.30) except bleaching and chloritic frac-									
		turing less developed									
		-Schistosity 55- 60° cax									
		(49.80- 50.35) 2-3cm calcite quartz vein 0- 30° cax									
		51.50- 54.50 Weak Carbonate Bleach	3539	51.50	53.0	1.50	Tr		0.005		
		-Wacke rich interval bleached to a pale grey due to weak pervasive	3540	53.0	54.50	1.50	Tr-0.5%		«0.005		
		Fe-carbonate (5- 7% overall); trace- 0.5% 1-3mm amorphous pyrite									
		clots sheared (2:1) parallel to foliation (60° cax)									
		54.50- 58.25: Sheared Carbonate Bleached Wacke	3541	54.50	56.0	1.50	Tr		0.010		
		-similar to (44.0- 50.30) except chloritic fractured weakly deve-									
		loped 1-5cm thick wacke bands are discontinuous sheared off but									
		moderate schistosity 60° cax; bands are boudinaged by foliation.									
		-Schistosity developed in argillite bands at low angle to banding									
		(if orient core, banding trends westnorth west, steep south to									
		vertical dip)									
		58.25- 73.25: Interbedded Wacke and Argillite (as in main unit)									
		-banding parallel to schistosity 60- 65° cax									

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			No:	De	À	Long.	% Py est.	% po. est.	Au, oz. T Chemex	Vérif.	
		73.25- 76.80: Quartz Vein Zone- Shear Zone									
		-alternating grey-black and white	3542	72.25	73.25	1.0	Tr		0.155		
		-30- 40% cm-15cm wide grey white irregular quartz veins	3543	73.25	74.25	1.0	Tr		0.020		
		-matrix is strongly sheared Argillite and minor (30% bleached	3544	75.25	76.25	1.0	Tr		0.010		
		wacke; occasional (5%) 3-5cm cherty bands (resemble grey quartz	3545	76.25	77.25	1.0	Tr		0.015		
		veins, trace pyrite									
		-Schistosity 65- 75° cax- quartz veins and banding contorted-									
		gradual contacts									
		76.80- 77.50 Weak bleaching in argillite: tr- 0.5% mm pyrite									
		along some banding planes (60° cax)	3546	77.25	78.75	1.50	Tr		0.035		
		77.50- 87.0 Interbedded Wacke and Argillite (as in main unit)									
		very weakly fractured at 10- 30cm intervals									
		-banding 60- 65° cax (parallel to schistosity)									
		87.0- 93.50: Argillite rich Interval- very weakly sheared ban-									
		ding- cut by schistosity at a low angle (60- 65° cax)									
		-minor contorted banding									
		93.50- 99.0 Weak Carbonate Bleached Coarse Wacke Interval	3547	92.50	94.0	1.50	Tr		0.030		
		-70% light grey weakly bleached (5- 10% Fe-Carbonate) fine-	3548	94.0	95.50	1.50	Tr		0.040		
		coarse wacke (as in main unit) bands up to 50 cm thick alter-	3549	95.50	97.0	1.50	Tr		0.015		
		nating with 30% cm-dm banded argillite	3550	97.0	98.50	1.50	Tr		0.020		
		-no visible grading									

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-minor pyrite disseminated and along bands									
		99.0- 105.50: Weak-moderately Sheared Argillite- rich Interval	3551	101.0	102.50	1.50	Tr		0.020		
		-banding sheared parallel to schistosity 65° cax	3552	102.50	104.0	1.50	Tr		0.030		
		-banding discontinuous- transposed	3553	104.0	105.50	1.50	Tr		0.060		
		-3-5% pervasive Fe-carbonate in cm wacke bands									
		-trace pyrite							AE	Chemex reject	Chemex Pulp
		105.50- 108.50: Progressive Weak-moderate Carbonate Bleach altera-	3478	105.50	106.50	1.00	Tr		0.07	0.14	«.07
		tion	3479	106.50	107.50	1.00	Tr		0.14	0.10	0.07
		-alternating medium grey and grey progressive to medium grey and	3480	107.50	108.50	1.00	Tr		0.14	0.07	«.07
		light grey									
		-relatively good textural preservation- 50%/50% fine-grained									
		1-10cm bands of medium to light grey wacke and 1-2cm bands of									
		dark grey to medium grey argillite (as alteration increases)									
		-banding alligned parallel to schistosity 65° cax (which is									
		moderately developed)									
		-alteration consists of progressive bleaching of wacke and (to a									
		lesser extent) argillite bands as a result of 10% increasing to									
		15- 20% pervasive fine-grained Fe-Carbonate (more abundant in									
		wacke- due to primary porosity contrast?)									
		-2-3% mm carbonate veinlets alligned parallel to schistosity									
		-Trace mm disseminated pyrite to 1-3mm sheared clots									
		-wacke begins to lose some elements (ie hard to see lithic grains									

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			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		as bleaching increases									
		-lower contact where begin to see sericite development (rock becomes waxy grey yellow)									
		(108.20- 108.50) Cm long displacements along mm fractures at 0° cax; if orient schistosity such that east-west, steep south dip, cm left hand displacements along north-south to north-northwest vertical dipping fractures									
		108.50- 109.50: Moderate Strong Carbonate Sericite Alteration- Weak-Shear	3481	108.50	109.50	1.0	»tr		0.41	0.41	0.21
		-pale grey to waxy yellow- green									
		-progressive increase in sericite alteration and schistosity									
		-partial to complete textural destruction- at top of contact (gradual) rock is bleached fine-grained wacke- at bottom, becomes moderately sheared carbonate-sericite rock (aphanitic)									
		-Alteration consists of progressive replacement of groundmass elements by 10- 15% fine-grained pervasive Fe-carbonate and very fine grained sericite- gives rock waxy yellow green colour									
		-Schistosity increases from upper contact (moderately developed at lower contact 65- 70° cax)									
		-3-5% mm-cm quartz veins 65- 70° cax									
		-Trace- 0.5% (locally) 1.0- 2.0mm sheared disseminated pyrite									
		-lower contact where alteration formation begins									

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			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		(108.5- 108.60) 10cm band of grey massive chert 65° cax									
		(weakly foliated)									
		109.50- 110.60: Altered Lean Iron Formation and Chert with Mode-									
		rate-Strong Carbonate-Sericite Altered Wacke-Argillite	3482	109.50	110.50	1.00	1%		1.30	1.51	1.44
		-similar in general to (108.50- 109.50) except 20% 5-10cm thick									
		chert, Jasper-chert and sulphide-chert bands interbedded									
		-Waxy yellowish-green alternating with beige-white and deep red									
		(jasper)									
		-80% interval moderate-strong carbonate-sericite altered sediments									
		(interpret to be fine-grained wacke because of resemblance with									
		107.50- 108.50); differs from (107.50- 108.50) in 3-5% siliceous									
		1-5mm grey veins-bands; trace sheared 0.5mm pyrite									
		-Sericite-carbonate altered bands 40- 50cm thick alternating with									
		- 20% 5-10cm thick bands of either 1) beige-white finely banded									
		(mm) to coarse banded (1-5cm) chert (minor 0.5% fine dissemina-									
		ted pyrite or 2) grey white chert with 15-20% disseminated to									
		semi-massive mm pyrite bands- veins (interpret to be sulphidized									
		lean iron formation or 3) deep red coloured Jasper (50% finely									
		banded) and beige-white chert bands (with 0.5- 1% mm dissemina-									
		ted pyrite)									
		-Bands are parallel or at a slight (5°) angle with schistosity									
		(65° cax)									
		-lower contact where jasper-chert bands end									

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		-0.5- 1% pyrite overall- possibly trace arsenopyrite in chert bands (?)									
		110.60- 111.60 Moderate-Strong Carbonate- Sericite Alteration- weak- moderate Shear	3483	110.50	111.50	1.0	0.5%		0.21	0.27	0.31
		-very similar to (108.50- 109.50) except schistosity relatively more strongly developed 65° cax and 5% 1mm- 2cm grey quartz (?) bands 65- 70° cax (ie subparallel- parallel foliation)									
		-up to 10% disseminated pyrite along some of the grey quartz bands -0.5- 1% overall									
		-lower contact where sericite begins to weaken									
		111.60- 112.25: Banded to Pervasive Carbonate-Silicification Weak Sericite Alteration Zone	3484	111.50	112.25	0.75			2.88	3.45	2.47
		-banded grey and waxy grey-yellow progressing to pale grey down hole									
		-interval characterized by transformation of carbonate-sericite sheared rock to weakly sheared carbonate-silica-rich rock (over 60cm)									
		-Silicification (with 10-15% pervasive Fe-carbonate) occurs initially along narrow intervals (cm wide) parallel to foliation (65- 70° cax); characterized by groundmass replacement by dominantly silica (sericite content diminishes proportionately making rock less sheared- more massive mottled rock (grey))									

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No 90A- 150

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 12 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
									AE	Chemex reject	Chemex Pulp
		-At bottom of interval- rock has almost vitreous look									
		-1% pyrite overall; occurs as cm-wide semi-massive bands near									
		112.0 with trace of pyrrhotite clots and as mm disseminations									
		throughout									
		-lower contact 65° cax sharp against fault									
112.25	114.40	Argillaceous Shear Zone- Breccia Zone	3485	112.25	113.25	1.00	0.5%		0.27	0.21	0.27
		Pale grey and black slips	3486	113.25	114.40	1.00	1%		0.21	0.55	0.55
		-Schistose fragmental rocks with polymictic fragments									
		-10%- 80% mm dm sized sub-angular-angular strongly deformed-									
		altered fragments set in a black argillaceous schistosity ma-									
		trix (tectonic breccia)									
		-fragments of 2 types: 1) 70% beige coloured strongly carbonati-									
		zed (15- 20% fine Fe-carbonate) aphanitic possibly mafic volca-									
		nics or fine grained sediments and 2) Pale grey aphanitic fel-									
		sic fragments (or silicified material)									
		-fragments are sheared- flattened (3-5-10:1) parallel to schisto-									
		sity 65° cax; fragments have feathery jagged terminations (wit-									
		ness high degree of deformation)									
		-felsic fragments occur generally in middle and lower portions									
		of interval; rock parts easily along schist planes (but fractu-									
		res 20- 30cm intervals)									
		-Sheared matrix generally black argillaceous (almost graphitic									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

Projet	:		Ligne	:	Ord.	:	Profondeur	:			Couronne
Claim	:		Section	:	Ord.	:	Plongée	:			AX: EX:
Canton	:		Lat.	:	Long.	:	Azimut	:			AQ:
Rang	:		Elévation Orifice:				Commencé le	:			
Lot	:		Azimut:				Terminé le	:			
N.T.S.	:		Niveau:				Entrepreneur	:			

No 90A-150

Feuille No 13 de

De à

Profondeur totale:

Journal:

Date:

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		looking) with 15-20% pervasive carbonate matrix occasionally								
		just sheared carbonate-rich material								
		-0.5- 2% 1-5mm sheared pyrite in argillaceous schist and in								
		fragments (generally mm disseminated)								
		(112.25- 113.25) lower percentage of fragments-large (10cm) dark								
		felsic bands (fragments) near 113.25- trace pyrite								
		(113.25- 114.10) as in main unit description								
		(114.10) 10cm sheared quartzphyric aphanitic felsic dyke								
		-1% 0.5- 1.5mm subhedral anhedral quartz phenocrysts in aphanitic								
		weakly sheared and weakly sericitized felsic matrix; argilla-								
		ceous slips along contacts suggest possibly caught up in fault								
		rather than intruding								
		(114.30- 114.40) Sheared felsic dyke- similar to (114.10)								
		-including argillaceous slip (mm-wide) forming lower contact								
114.40	123.44	Fine-medium grained Moderate Carbonate Altered Gabbroic Intrusion								
		-medium grey-green with greenish black spots								
		-generally even in least altered intervals very poor textural								
		preservation								
		-10-20% 1-3mm anhedral subequant green black chloritic relict								
		mafic phenocrysts (vague obscure outlines) set in a grey-green								
		altered carbonate-chlorite-rich matrix-mm grain size visible								
		may be metamorphic- but rock with 1-2% mm leucoxene resembles								
		a gabbro								

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No 90A-150

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 14 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		-10-15% pervasive fine to mm anhedral Fe-carbonate, when mm-sized									
		gives rock fine-grained look (due to porphyroblasts)									
		-3-5% 1-10mm calcite veins 0- 90° cax									
		-Trace mm pyrite									
		114.40- 115.50: Moderate Carbonate Weak Green Mica Alteration-									
		Shear Zone									
		-similar to main unit described above except moderately sheared	3487	114.40	115.40	1.00	Tr		0.14	0.10	0.10
		65- 70° cax (decreasing rapidly downhole)							Chemex		
		-Gabbro loses textures due to increase in foliation- reappear	3488	115.40	116.9	1.50	Tr-nil		«0.005		
		as deformation decreases	3489	116.9	118.40	1.50	Tr		«0.005		
		-locally mafic phenocrysts are bleached (with matrix elements) to									
		emerald green grey colour (green mica development)									
		-lower contact approximate									
		115.50- 117.80: Relatively Weakly Altered (as in main unit des-									
		cription)									
		117.80- 122.0: Moderate Carbonate Bleach Alteration (weak green									
		mica)									
		-very similar to (114.40- 115.50) except very weakly sheared									
		(50° cax)									
		-5% 1-10mm calcite veins (random deg. cax)									
		-Trace 1-2mm disseminated pyrite									

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Feuille No 15 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T chemex	Vérif.
		122.0- 123.44 Strong Carbonate Bleach Alteration								
		-similar to above except phenocrysts are almost completely obscured by alteration	3490	122.0	123.44	1.44	Tr		0.005	
		-trace pyrite								
		-minor light brown masses 3-5cm size (Fe-carbonate rich)								
	123.44	End of hole								
		17 boxes								
		Sample series 3523- 3553 (31), 3478- 3490 (23)= 54 samples total								
		Samples 3488- 3490 & 3523- 3553 incl (44) Fire Assay AAS (30g fused sample) at Chemex Labs								
		Samples 3478- 3487 incl (10) Fire Assay (1/2 Assay/ton) at Agnico-Eagle Lab								
		All Agnico Pulps & Rejects repulverized, Fire Assay- gravimetric (30g fused sample) at Chemex Labs								
		Marc Legault géologue								
		C.P. 87								
		Val d'Or (Québec)								
		J9P 4N9								

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-151

Feuille No 1 de

De à

Profondeur totale: 96.01m

Journal: Marc H. Legault

Date: March 1990

Projet : P-90 NARM-DP Vezza | Option Ligne : | Ord. : | Profondeur : 0 | 45.7m | 96.0 | Couronne AX: EX: AQ:

Claim : 455694-1 | Section : 16550E | Ord. : 9990N | Plongée : -52° 45' | -48° | -47°

Canton : Vezza | Lat. : 16549.75E | Long. : 9990.49N | Azimut : - | - | -

Rang : | Elévation Orifice: Grid 1000.27m | Commencé le : 19 February 1990

Lot : | Azimut: Grid 0° 28' Astron: 6° 22' | Terminé le : 20 February 1990

N.T.S. : 32F/12 | Niveau: Surface | Entrepreneur : N. Morissette (Val d'Or)

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		SUMMARY								
0	19.55	Overburden (BQ casing to 20.12m left in hole)								
19.55	34.50	Interbedded Wacke and Argillite								
		28.75- 34.0 Weak Carbonate Bleach Alteration								
		34.0- 34.50 Moderate-Weak Carbonate Bleach Alteration								
34.50	36.75	Interbedded Altered Lean Iron Formation, Chert and Altered Wacke-Argillite								
36.75	65.55	Interbedded Wacke and Argillite								
		36.75- 41.50 Weak Carbonate Bleach Alteration								
		41.50- 54.0 Moderate Carbonate Bleach Alteration								
		57.0- 57.10 Narrow Chert Interval								
		58.75- 61.25 Moderate-Strong Shear Zone- thin banded Argillite-Wacke								
		61.25- 61.75 Moderate Carbonate; very weak Sericite Alteration- Shear Zone								
		61.75- 62.50 Moderate Strong Carbonate- Weak Sericite Alteration- Shear Zone								
		62.50- 63.25 Moderate Banded Carbonate-Silicification Weak Sericite Alteration								
		63.25- 65.55 Moderate Strong Carbonate Silicification Zone								
65.55	65.85	Argillaceous Shear Zone- Breccia Zone								
65.85	69.0	Sheared Carbonate Altered Amygdaloidal Mafic Mafic Volcanic								
69.0	74.35	Strong Carbonate- Weak Green Mica Altered Gabbroic Intrusion								
74.35	86.90	Feldspar- Quartzphyric Felsic Dyke								
86.90	90.70	Massive Weakly Amygdaloidal Mafic Volcanic	Refer. J.L. Corrivau May 3 1990							
90.70	96.01	Fine-Medium Grained Feldsparphyric Gabbroic Intrusion								
	96.01	End of hole								

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MINES AGNICO EAGLE LTÉE

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No 90A-151

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
0	19.55	Overburden (BQ casing to 20.12m left in hole)								
19.55	34.50	Interbedded Wacke and Argillite								
		-alternating light grey and grey-black								
		-banded fine-grained and aphanitic sediment interval (10cm bands								
		average)								
		-60-70% 1cm-50cm thick bands of light grey fine-grained Wacke								
		alternating with 30- 40% 1mm- 20cm thick aphanitic black argillite								
		-Wacke (siltstone- grain size variant); nil-2% 0.5- 1mm visible								
		anhedral subequant quartz grains, trace mm angular argillite								
		chips and nil-1% 1-2mm subangular light coloured Aphanitic lithic								
		grains set in a very fine grained to aphanitic clastic (inter-								
		mediate composition) matrix (siltstone)- relatively unfractured								
		-Argillite: aphanitic moderately sheared- slatey cleavage; sharp								
		contacts with wacke; locally thin beds are disrupted								
		-Schistosity 55° cax moderately developed- cuts bands at low-								
		high angle (ie schist. constant core angle)								
		-Banding varies from parallel to schistosity (ie 55° cax) to								
		0° cax (ie cut by schistosity)								
		-local visible isoclinal folding; see fold axes plunge (if orient								
		schistosity east-west, steep south dip) vertically along fold								
		plane oriented parallel to schistosity, (example near 25.2m)								
		-Trace 1-5mm pyrite cubes - minor Fe-carbonate in wacke								

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No 90A-151

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
	*	23.0- Open tight fold- resembles "S" fold but fold plane not								
		oriented (apparently) parallel to schistosity; if orient schis-								
		tosity (55° cax) east-west steep south dip, fold plane trends								
		northwest- steep east dip, fold axis plunges vertically (paral-								
		lel to schistosity)- believe fold predates isoclinal folds des-								
		cribed above								
	*	25.0- Refolded fold: within a wacke-siltstone- argillite contact								
		observe a general "v" shaped tight folded contact (if orient								
		schistosity as above) with northwest trending fold plane- dipping								
		approximately 50 -70° to east (fold axis plunging parallel to								
		schistosity ie. subvertical-steep south as at 23.0); this fold								
		is "Z" refolded by isoclinal folds (5mm wavelength) whose fold								
		planes are parallel to schistosity; can't define plungeof fold								
		axes								
		28.75- 25cm Silicified Wacke band- 15% 1-5mm Quartz Veinlets-	3554	28.75	30.25	1.50	Tr		0.030	
		Trace mm-pyrite	3555	30.25	31.75	1.50	Tr		0.010	
			3556	31.75	33.25	1.50	Tr		0.005	
		28.75- 34.0 Weak Fe-carbonate Bleach Alteration	3557	33.25	34.50	1.25	Tr		0.020	
		Very faint lightening of wacke- and argillite due to 5-7% per-								
		vasive Fe-carbonate- Trace 1-5mm pyrite cubes (30.0 mm argillite								
		bed 0° cax displaced 2-3mm intervals dextrally by schistosity)								
		34.0- 34.50 Moderate-weak Fe-carbonate bleach of wacke; 5% grey								
		quartz calcite veins 55° cax (parallel to schistosity)								

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-151

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
34.50	36.75	Interbedded Altered Iron -Formation, Chert and Altered Wacke-								
		Argillite	3558	34.50	35.50	1.0	Tr	0.5%	0.005	
		-alternating grey-white, beige and grey black	3559	35.50	36.75	1.25	Tr	0.5%	0.010	
		-30% altered lean oxide facies iron formation, 10% chert, 60%								
		weakly carbonate bleached wacke and argillite								
		-Lean iron-formation: 10- 30% irregular quartz calcite veins								
		(sugary mm grain size) injected into weakly banded (1-5mm) chert								
		(60%) and disjointed (10%) 1-5mm magnetite bands: magnetite								
		appears almost dissolved along margins- gives chocolate-block								
		pattern with siliceous and vein matrix; up to 5% pyrrhotite								
		clots-veins within or adjacent to iron formation; bands 1cm-25cm								
		long. (almost mistook for quartz veins)								
		-Chert bands; 1-5cm thick, beige weakly banded often disrupted								
		by schistosity; up to 10% fine calcite along bleached margins								
		-Wacke-argillite identical to (28.75- 34.50) except weakly blea-								
		ched, (5-10% pervasive Fe-carbonate) and generally more contor-								
		ted- sheared								
		-Banding generally sheared parallel to schistosity 55° cax								
		-But locally see assymmetric "Z" shaped folds in chert; 1-3mm								
		wavelength, fold planes parallel to schistosity- if orient								
		schistosity east-west, steep south dip, fold axes plunge-rake								
		vertically								
		-elsewhere isoclinal folds have similar vertical plunging fold								
		axes								

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		-Tr- 0.5% pyrrhotite overall- trace pyrite								
		-Lower contact where chert ends but pyrrhotite clots and 1-3mm								
		bands continue (1% overall) to 37.25m								
36.75	65.55	Interbedded Wacke and Argillite								
		-general description identical to (19.55- 34.50)								
		36.75- 41.50 Weak Fe-Carbonate Bleach Alteration	3560	36.75	37.75	1.0	Tr	Tr	0.005	
		-Similar to (28.75- 34.50) except banding 0- 90°cax cut by	3561	37.75	38.75	1.0	Tr		0.085	
		schistosity 55- 60° cax	3562	38.75	40.25	1.50	Tr		0.010	
		-banding 0° cax (if orient core) trends northsouth with vertical								
		dip								
		-isoclinal folds (appear to describe "Z" shaped assymmetric folds								
		with 30-50cm wavelength) have fold planes parallel to schisto-								
		sity and (if orient schistosity as above) fold axes which plun-								
		ge subvertically (make vertically along schist-fold plane)								
		-Trace 0.5% 1-3mm pyrrhotite bands persist to 37.25m								
		41.50- 54.0 Moderate Carbonate-Bleach Alteration	3563	44.0	45.50	1.50	Tr		0.010	
		-Bleaching affects interval with 70- 80% Wacke, 20-30% cm argil-	3564	45.50	47.0	1.50	Tr		0.010	
		lite bands	3565	47.0	48.50	1.50	Tr		0.020	
		-Fine-grained wacke bleached to medium grey colour (good textu-	3566	48.50	50.00	1.50	Tr		0.020	
		ral preservation) due to 10-15% pervasive fine-grained Fe-Car-								
		bonate (reacts to 30% HCL only)								

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

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Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex ~~reject~~	Chemex ~~Pulp~~
		-5% 1-5mm calcite-Fe-carbonate veinlets; trace mm pyrite									
		-Schistosity 60° cax									
		-banding generally cut by schistosity; isoclinal folding									
		commonly visible- (see steep plunging fold axes similar to those									
		described above)									
		(48.15- 50.0) Wacke is fractured- microbrecciated seemingly									
		along core axis									
		-lower contact where wacke proportion diminishes									
		54.0- 57.0: Argillite-rich Interval- weak-moderately sheared	3567	55.50	57.0	1.50	Tr-nil		0.07	0.10	0.07
		-60-70% cm banded argillite- 30-40% weak-moderate Fe-carbonate									
		bleached wacke (similar to 41.50- 54.0)									
		-banding appears parallel to schistosity generally (ie 60° cax)									
		but often see 5% 1-2mm carbonate veinlets cut band of wacke									
		only to be cut by schistosity (ie abruptly end of a band con-									
		tact)- suggest significant transposition									
		-locally observe isoclinal folding (evidence) ie fold hinge									
		lines plunging steeply (similar to above)									
		-Schistosity moderately developed in argillite- vaguely defined									
		in wacke									
		57.0- 57.10: Narrow Chert Interval	3568	57.0	58.0	1.0	Tr		<0.07	0.21	0.07
		-50% 1-5cm aphanitic grey chert bands interbedded with 1-5cm									
		black argillite									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-151

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		-banding generally cut by schistosity; isoclinal folding commonly									
		visible- (see steep plunging fold axes similar to those descri-									
		bed above)									
		(48.15- 50.0) Wacke is fractured- microbrecciated seemingly									
		along core axis									
		-lower contact where wacke proportion diminishes									
		54.0- 57.0 Argillite-rich Interval- weak-moderately Sheared	3567	55.50	57.0	1.50	Tr-nil		0.07	0.10	0.07
		-60- 70% cm-banded argillite 30- 40% weak-moderate Fe-Carbonate									
		bleached wacke (similar to 41.50- 54.0)									
		-banding appears parallel to schistosity, generally (ie 60° cax)									
		but often see 5% 1-2mm carbonate veinlets cut band of wacke only									
		to be cut by schistosity (ie abruptly end of a band contact)-									
		suggest significant transposition									
		-locally observe isoclinal folding (evidence) ie fold hinge lines									
		plunging steeply (similar to above)									
		-Schistosity moderately developed in argillite- vaguely defined									
		in wacke									
		57.0- 57.10 Narrow Chert Interval	3568	57.0	58.0	1.0	Tr		<0.07	0.21	0.07
		-50% 1-5cm aphanitic grey chert bands interbedded with 1-5cm									
		black argillite									
		-isoclinal fold hinge lines plunge vertically (if orient schist									
		as above); mm quartz filled extension fractures in chert-oriented									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

No 90A-151

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		north south- vertical dip									
		57.10- 58.0 Moderate Carbonate Bleached Wacke									
		identical to (41.50- 54.0) trace pyrite 2-3mm; schistosity 60°									
		cax									
		58.0- 58.75: Moderate-strong schistosity; cm banding in wacke	3569	58.0	59.0	1.0	Tr	Tr	0.34	0.34	0.48
		argillite microfolded isoclinally but banding 0° cax; ie cm									
		wavelength "M" shaped isoclinal fold cut band; if orient schis-									
		tosity (east-west, steep south dip) fold planes parallel to									
		schistosity with fold axes raking vertically (ie plunging 90°									
		along schist plane); trace pyrrhotite									
		58.75- 61.25 Strongly Sheared thinly banded Argillite and Blea-	3570	59.0	60.0	1.0	Tr		0.21	0.21	0.10
		ched Wacke	3571	60.0	61.0	1.0	Tr		0.141	0.14	0.17
		-variably moderate-strongly sheared thinly banded interval									
		-50/50 1-5mm thick alternating black sheared argillite and 1-5mm									
		bleached to weakly sericitic fine grained wacke bands									
		-wacke 10-15% pervasive iron carbonate- increasing bleaching to									
		very weakly sericitic slips within 0.5m of lower contact									
		-banding strongly sheared parallel to schistosity 60-65° cax									
		-Trace- 1-3mm pyrite disseminated-sheared throughout									
		(59.0- 59.50) Strong Schistosity- such that wacke bands are									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-151

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		boudinaged into 1-3mm wide elliptically shaped rods flattened									
		3:1 in plane of schistosity; ie if orient schist as above, rods									
		plunge vertically; also fine mm extension fractures trend north									
		south and dip vertically in oriented core									
		-Superimposed on schistosity is spaced fracture cleavage 30° cax									
		(occasionally filled with mm-quartz-carbonate veinlets) which									
		(if schistosity oriented as above) trends 330°- 150°/90°									
		61.25- 61.75: Moderate Carbonate Alteration- very Weak Sericite	3572	61.0	61.75	0.75	Tr		«0.07	0.07	0.10
		Alteration- Moderate Shear Zone									
		-similar to subunit general description except very weak sericite									
		development in bleached wacke (very poor textural definition,									
		except for quartz grains) and argillite bleached to medium pale									
		grey- due to progressive Fe-carbonate development									
		-Schistosity moderate-strongly developed 60- 65° cax									
		-Trace pyrite									
		61.75- 62.50: Moderate-Strong Carbonate- Weak-Moderate Sericite									
		Alteration									
		-pale grey to waxy yellowish grey									
		-banded looking rock which becomes progressively sericitized	3573	61.75	62.50	0.75	Tr		0.07	0.17	«.07
		-strong bleaching initially affects more wacke-siltstone rich									
		bands- become weakly sericitized (as 1-5mm slips) adjacent to									
		alternating progressively bleach argillite									

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
									Ae	Chemex reject	Chemex Pulp
		-Schistosity 60° cax, moderate-strongly developed									
		-Wacke becomes weak pervasively silicified (with 15-20%) Fe-carbonate such that rock consists of 1-5mm thick bleached relict wacke lamellae (locally silicified) in an anastomosing network of sheared 1-5mm thick sericitic slips									
		-Trace- 1-2mm pyrite clots									
		-lower contact where silicification becomes more evident									
		62.50- 63.25: Moderate Banded Carbonate-Silicification Weak Sericite Alteration Zone	3574	62.50	63.25	0.75	0.5%		1.85	2.16	1.47
		-pale grey with waxy yellowish grey slips									
		-similar to above- hybrid zone between sericite-carbonate dominated alteration above and silica-carbonate alteration below									
		-60% bleached relict wacke, 20% sericite bleached aphanitic slips (altered argillite siltstone) and 20% grey siliceous almost cherty strongly silicified bands									
		-progressive alteration occuring initially along wacke (?) bands in between sericitic intervals, then progressively pervasively replacing groundmass elements									
		-Alteration destroys textures (only mm relict quartz grains in wacke persist) by pervasive replacement of groundmass by silica and 15-20% fine Fe-carbonate									
		-where alteration intense, rock becomes grey vitreous looking and foliation decreases (through decreasing overall sericite									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-151

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex pulp
		content).									
		-0.5% 1-2mm pyrite clots sheared parallel to schistosity 60- 65°									
		cax; pyrite often sooty black amorphous looking									
		63.25- 65.55: Moderate-Strong Carbonate- Silicification Altera-									
		tion Zone	3575	63.25	64.25	1.00	0.5-1%		83.24	62.95	77.93
		-marbled pale-medium grey					Visible gold				
		-alteration pervasively replaces 80- 90% interval- minor 1-5cm	3576	64.25	65.0	0.75	0.5%		5.69	4.46	5.21
		thick strong carbonate bleached bands at 0.5- 1.0m intervals	3577	65.0	65.55	0.55	0.5%		10.01	11.60	8.98
		-still see relect 0.5- 1.0mm quartz grains in spite of strong									
		alteration of wacke (and argillite) consisting of strong per-									
		vasive silicification (groundmass replacing) and strong pervasive									
		Fe-carbonate									
		-5-25% pale grey very fine anastomosing network of silica-carbo-									
		nate veinlets- in areas rock looks almost microbrecciated along									
		mm-cm wide zones of silica-carbonate "flooding"									
		-rock retains weak banding- foliation 60- 65° cax									
		-no quartz veins visible									
		-trace- 1% (0.5% overall) pyrite occurs in 2 forms: a) generally									
		as very fine disseminated 0.5mm or b) rarely as 1-5mm thick									
		sheared veinlets- stringers (made up of very fine pyrite) alli-									
		gned discontinuously parallel to foliation (up to 1% over 3-5cm)									
		-locally very fine 1-3cm spaced fractures filled with black ma-									
		terial (tourmaline or black chlorite) cut rock subparallel to									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

No 90A-151

Feuille No 12 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
									AE	Chemex reject	Chemex Pulp
		schistosity									
		(63.25- 63.50) 0.5% very fine disseminated pyrite- strongly silicified									
		(63.50- 63.70) 5% pyrite as 1-5mm thick stringers: within strong silicified interval; 0.5% pinhead to 2-3mm wide clusters of VISIBLE GOLD grains occur in sulphide stringers and within strongly silicified bands (5cm) interval quite vitreous- weakly foliated									
		(63.70- 64.50) Moderate pervasive carbonate-silicification; banding visible; 0.5% disseminated pyrite, alteration increases near lower contact									
		(64.50- 65.10) strongly silicified zone; marbled vitreous texture minor black fine fractures; 0.5% disseminated fine (0.5mm) pyrite- similar to (63.25- 63.50)									
		(65.10- 65.20) limonitic stains in weakly silicified fractured band									
		(65.20- 65.55) strongly silicified-similar to (63.25- 63.50) except 0.5- 1% disseminated pyrite; cm quartz vein 70° cax									
								Aspy			
65.55	65.85	Argillaceous Shear Zone- Breccia Zone	3578	65.55	66.05	0.50	Tr	Tr	0.14	0.21	0.07
		-light grey fragments in dark grey black matrix									
		-60-70% subangular fragments of altered wacke (near upper contact) and felsic dyke (near lower contact) set in 30% dark grey black									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 13 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. CHEMEX reject	CHEME Pulp
		sheared argillaceous matrix; tectonic breccia									
		-Upper contact fractured over 5cm and strong limonite-stained									
		over 10cm; limonite outlines strong carbonate-weakly silicified									
		wacke (?) fragments up to 3cm wide alligned in sheared argilla-									
		ceous matrix									
		-5cm lower contact sheared brecciated quartzphyric felsic dyke									
		-lower contact 3-5mm thick dark argillaceous schist 65° cax									
		(irregular contact)									
		-Trace 1-2mm Arsenopyrite clots in felsic dyke									
		-Trace pyrite clot									
65.85	69.00	Sheared Carbonate Altered Amygdaloidal Mafic Volcanic	3579	66.05	67.05	1.00	Tr		.07	.007	.14
		-pale grey							Chemex		
		-aphanitic moderately sheared	3580	67.05	68.0	0.95	Tr		.025		
		-strong carbonate bleached (15-20% pervasive Fe-carbonate) mafic	3581	68.90	69.0	1.00	Tr		.010		
		volcanic with trace 1-5mm chlorite carbonate filled amygdules									
		sheared parallel to schistosity (60- 65° cax)									
		-1-2% irregular contorted 1-5mm quartz veinlets									
		-moderate schistosity									
		-moderately fractured 2-20cm intervals (60% RQD)									
		-lower contact fault over 20cm									
		-trace 1-2mm disseminated pyrite									

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MINES AGNICO EAGLE LTÉE

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No 90A-151

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 14 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
69.0	74.35	Strong Carbonate- Weak Green Mica Altered Gabbro							Chemex		
		-pale grey with dark green to emerald green spots	3582	69.0	70.50	1.50	Tr-nil		«0.005		
		-10-20% 1-3mm anhedral chloritic relict mafic phenocrysts	3583	70.50	72.0	1.50	nil		«0.005		
		(subequant) set in a strong Fe-carbonate bleached matrix (no	3584	72.0	73.50	1.50	nil		«0.005		
		textures remanent except for 1-2% mm leucoxene) with 20- 25%	3585	73.50	74.35	0.85	nil		«0.005		
		pervasive Fe-carbonate									
		-interpret to be porphyritic gabbro because resembles less alte-									
		red gabbro observed in other hole									
		-very weakly foliated 60- 65° cax (decreases rapidly from upper									
		contact)									
		-locally (ie «5% interval) 1-10cm intervals where matrix is									
		strongly bleached adjacent to cluster of carbonate veinlets;									
		here mafic phenocrysts bleached and stained with green mica									
		-3-5% 1-5mm irregular sugary calcite-carbonate veins 45-70° cax									
		-lower contact very sharp- 2cm carbonate mantle against dyke									
		35° cax									
		-trace-nil visible pyrite									
74.35	86.90	Feldspar- Quartzphyric Felsic Dyke	3586	74.35	75.35	1.0	nil		0.045		
		-pale grey	3587	85.90	86.90	1.0	Tr		0.010		
		-trace-10% (5% overall) 0.5- 2mm subhedral subprismatic white									
		feldspar (albite?) and trace- 1% 0.5-1mm anhedral quartz pheno-									
		crysts in aphanitic felsic matrix									
		-weakly fractured 45-65° cax- hairline-cm intervals									

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MINES AGNICO EAGLE LTÉE

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No 90A-151

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 15 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		-very weakly sericitic									
		-1-2% calcite, trace pyrite									
		-1% 1-5mm calcite veins									
		-very weak fracturing (80- 95% ROD)									
		-lower contact very sharp 45° cax (mm pyrite vein within 1cm)									
86.90	90.70	Massive Aphanitic Weakly Amygdaloidal Mafic Volcanic	3588	86.90	87.90	1.00	Tr		0.020		
		-pale grey green	3589	87.90	89.0	1.10	Tr		0.005		
		-very similar to (65.85- 74.35) except less schistose and not as strongly bleached- no doubt is volcanic									
		-moderate Fe-carbonate with minor calcite bleached along upper contact but decreases rapidly to weak calcite alteration (5-10%) near 88.0m									
		-trace pyrite near upper contact									
		-weak schistosity 65-70° cax									
		-weakly fractured 5-20cm intervals (parallel to schistosity) except for minor 15° cax									
		-lower contact sharp but fractured									
90.70	96.01	Fine-Medium Grained Feldsparphyric Gabbro									
		-medium to dark grey green									
		-in least altered zone; 5-10% 1-3mm subhedral weakly epidotized plagioclase phenocrysts and 5-10% 1-2mm anhedral mafic phenocrysts set in a poorly crystallized altered gabbroic matrix									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-151

Feuille No 16 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet :		Ligne :		Ord. :		Profondeur :				Couronne
Claim :		Section :		Ord. :		Plongée :				AX: EX:
Canton :		Lat. :		Long. :		Azimut :				AQ:
Rang :		Elévation Orifice:				Commencé le :				
Lot :		Azimut:				Terminé le :				
N.T.S. :		Niveau:				Entrepreneur :				

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		(calcite-epidote-chlorite green schist alteration)									
		-1-2% calcite chlorite veins (random deg. cax)									
		90.70- 93.50: fine-grained chill zone- microgabbroic matrix;									
		3-5% pervasive calcite; gradual lower contact									
	96.01	End of hole									
		14 boxes sample series 3554- 3589 (36)									
		Samples 3554- 3566 incl & 3580- 3589 incl (23) Fire Assay AAS									
		(30g fused sample) at Chemex Labs									
		Samples 3567- 3579 (13) Fire Assay (1/2 Assay/ton) at Agnico-									
		Eagle Lab									
		All Agnico pulps & rejects repulverized, Fire Assay gravimetric									
		(30g fused sample) at Chemex Labs									
		Marc Legault Géologue									
		CP 87									
		Val d'Or (Québec)									
		J9P 4N9									

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ÉNERGIE ET RESSOURCES
SECTEUR MINES

14 DEC. 1990

Bureau régional Val d'Or

'90 DEC 13 11 13

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90-A-152

Feuille No 1 de

De à

Profondeur totale: 116.74m

Journal: Marc H. Legault

Date: March 1990

Projet : P-90 NARM-DP Vezza | Option Ligne : | Ord. : | Profondeur : 0 | 45,7m | 91,5m | 114.3m | Couronne

Claim : 455694-1 | Section : 16550E | Ord. : 9956N | Plongée : -51° -49° | -41° | -38° | AX: EX:

Canton : Vezza | Lat. : 16549.67E | Long. : 9956,07 | Azimut : 15' - - | - | - | AQ:

Rang : - | Elévation Orifice: Grid 999.79m | Commencé le : 21 February 1990

Lot : - | Azimut: Grid 357° 28' Astron 3° 22' | Terminé le : 27 February 1990

N.T.S. : 32F/ 12 | Niveau: Surface | Entrepreneur : N. Morissette (Canada)

DE	À	SUMMARY GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
0	21.95	Overburden								
21.95	26.10	Interbedded lean Iron Formation and Carbonate Altered Wacke + Argillite								
26.10	41.40	Interbedded Wacke and Argillite								
		26.10 27.50 Weak Carbonate Bleach Alteration								
		36.35 37.20 Banded Chert and Siltstone								
		38.25 38.80 Interbedded Chert and Siltstone								
		38.80 41.40 Weak-Moderate Carbonate Altered Wacke								
41.40	48.60	Oxyde facies Iron Formation, Jasper-Chert and Minor Argillite								
48.60	68.50	Interbedded Wacke and Argillite								
		65.60 68.50 Weak Carbonate Bleach Alteration								
68.50	76.80	Interbedded Altered Lean Iron Formation, Chert and Carbonate Altered Wacke and Argillite								
76.80	100.60	Interbedded Wacke and Argillite								
		76.80 88.25 Weak Carbonate Bleach Alteration								
		88.25 95.50 Weak-Moderate Shear								
		95.50 97.50 Weak Carbonate Bleach Alteration- Weak Moderate Shear Zone								
		97.50 99.50 Weak Banded Silicification- Moderate Carbonate- Sericite Alteration								
		99.50 100.60 Moderate Banded Carbonate- Silicification- Weak Sericite Alteration								
100.60	101.50	Strong Carbonate Altered Sheared Wacke cut by Argillaceous Shears								
101.50	113.45	Moderate-Strong Carbonate Weak Green Mica Altered Gabbro			Ref. J.L. Corriveau May3, 1990					
		101.50 102.10 Sheared Carbonate Bleached Aphanitic Mafic (chill zone)								
113.45	116.74	Feldspar- Quartz- Phyric Felsic Dyke (115.45- 116.0) Carbonatized Mafic								
	116.74	End of Hole								

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-152

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
0	21.95	Overburden (BQ casing to 21.95m left in hole)									
21.95	26.10	Interbedded Altered Lean Iron-Formation, Chert and Carbonate	3590	22.0	23.50	1.50	Tr		«.005		
		Altered Wacke-Argillite	3591	23.50	25.0	1.50	3-5%		0.480		
		-banded deep red, black and beige-white									
		-60% fine-grained- aphanitic wacke-siltstone and Argillite, 20%									
		lean altered oxide facies iron formation (chert-magnetite)- 10%									
		thin deep red jasper chert bands and 10% grey-beige chert.									
		a) fine-grained sediments: generally 1cm- 60cm thick bands which									
		alternate with jasper, chert and iron formation; in spite of									
		alteration (described below) rock very fine-grained to aphani-									
		tic (likely a very fine-grained wacke or siltstone)- locally									
		see black banded argillite (slatey cleavage- poorly bedded)									
		over 10- 20cm less altered intervals									
		-Alteration of sediments consists of strong bleaching (rock									
		is pale grey beige) likely due to moderate strong Fe-carbonate									
		alteration (10- 15% pervasive fine Fe-carbonate in ground-									
		mass): weak moderate foliation enhance banded texture									
		b) Thin Jasper-chert bands: 5- 10mm thick isolated bands which									
		are individually mm banded (characteristic): bands are gene-									
		rally either isolated or clustered (up to 30%) over 15-20cm									
		(interbedded with bleached sediment)									
		-Jasper bands often discontinuous and boudinaged- 2 X 3-5mm									
		lenticular cross-section (flattened 2-3 :1 in plane of									

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		schistosity) like in section- gives it a stretch lineation- if								
		orient core such that schistosity is east west, steep south								
		dipping, stretch lineation (ie orientation of rod- Flattening								
		in plane of schistosity) rakes vertically- ie steep south								
		plunge								
		c) Jasper-chert-Magnetite Iron Formation: occurs over 10- 20cm								
		bands (centred at 23.50m); consist of 20% 3-5mm magnetite								
		bands, 50% thin banded Jasper chert (as above) and 30% blea-								
		ched 3-5mm aphanitic sediment bands (as above- siltstone)								
		-Magnetite bands are locally grey bleached (up to 5% calcite)								
		and are partially obscured- dissolved by same alteration as								
		affects sediment- where dissolved, see up to 1% mm white								
		pyrite- elsewhere where calcite strong and bleaching strong,								
		observe cm thick bands of mm coarse pyrite (magnetite repla-								
		cement of sulphide)								
		d) Minor grey beige weakly banded 15- 20cm thick chert bands								
		-Banding parallel to schistosity developed in altered sedi-								
		ments ie 55° cax:								
		-2-3% magnetite overall, 1-2% pyrite overall								
		-21.95- 22.0 core not recovered								
		-22.0- 25.0 weak moderately fractured 5-10cm intervals								
		-25.0- 25.20 strong fractured sulphidized iron formation								
		(cm intervals)								

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		25.20- 25.75 limonite stained altered sediment- iron carbonate									
		weathered argillite- siltstone & fractured at 2-3cm intervals	3592	25.0	26.10	1.10	1%		0.745		
		parallel to schistosity									
		-Lower contact at 26.10 where chert ends									
26.10	41.40	Interbedded Wacke and Minor Argillite	3593	26.10	27.10	1.0	Tr		0.015		
		-Light grey alternating with minor grey black	3594	27.10	28.60	1.50	Tr		0.005		
		-Banded weakly sheared sedimentary interval									
		-90% fine-grained wacke in 5-70cm thick bands (20cm average)									
		10% grey-black aphanitic argillite bands									
		-Wacke: trace- 5% 0.5- 1.0mm anhedral subequant quartz grains,									
		nil- 5mm alligned grey aphanitic lithic fragments (intermediate									
		composition) and trace-rare angular mm argillite chips set in									
		very fine-grained (siltstone) clastic grey matrix (intermediate									
		composition)									
		-Wacke- siltstone difference- grain size qualifier									
		-Argillite: 5-10mm thick aphanitic schistose bands alternating									
		(black) with wacke									
		-Banding parallel (generally) with moderate schistosity (deve-									
		loped more strongly in argillite) 55- 60° cax									
		-Generally very weak bleach due to 5- 10% pervasive Fe-carbonate									
		(very fine groundmass alteration)									
		-Trace 1-3mm sheared pyrite clots									
		-Very weak fracturing schist parallel and (less commonly)									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		parallel to core axis									
		26.10- 27.50: Weak carbonate bleach: similar Fe-carbonate bleach									
		of sediments as in (22.0- 26.10) except decreasing intensity									
		down hole; minor carbonate filled veinlets- fractures 0° cax									
		near upper contact (in oriented core as above, veins are north-									
		south, vertical dip- parallel to vertical lineation)									
		34.0- 38.0: Tr- 0.5% 1-2mm sheared pyrite clots	3595	32.0	33.50	1.50	Tr		0.005		
		36.0- 36.35: very weak grading in wacke- siltstone set; over	3596	33.50	35.0	1.50	Tr-0.5%		<.005		
		10cm grades from wacke to very fine grained siltstone downhole	3597	35.0	36.35	1.35	Tr-0.5%		0.010		
		(tops downhole)									
		36.35- 37.20: Banded chert and siltstone- grey mm-cm 70%	3598	36.35	37.20	0.85	Tr		0.015		
		chert bands and light grey very fine-grained siltstone (very									
		weak apparent grading- (light to dark grey repetitions)									
		-bedding varies from 55° cax at top 5cm of interval to 0° cax									
		throughout most of interval to 55° cax within 5cm of lower									
		contact.									
		-superimposed on bedding ie 55° cax foliation complete with									
		cm bleached bands- if orient foliation (east-west, steep south									
		dip) 0° bedding trends north south with steep east (60°?) dip									
		and grading gives tops to east									
		37.20- 38.25 fine-grained wacke- identical to 34.0- 36.35	3599	37.20	38.25	1.05	Tr-0.5%		0.010		
		-faint grading at top of interval- uncertain tops downhole									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		(ie north)									
		-banding 55° cax, Tr- 0.5% pyrite- weak carbonate bleach									
		38.25- 38.80: Interbedded chert and siltstone- identical to									
		(36.35- 37.20)									
		-banding-bedding-foliation relationship identical	3600	38.25	39.25	1.0	Tr		0.015		
		-lower contact 55° cax									
		38.80- 41.40: Moderate-weak carbonate altered wacke- very similar	3601	39.25	40.75	1.50	Tr		0.005		
		to (26.10- 36.35) except moderate grey white colour due to	3602	40.75	41.40	0.65	Tr		«.005		
		to 10-15% pervasive fine Fe-carbonate. Schistosity weak at									
		55° cax									
		-Trace pyrite 1-3mm disseminated, trace mm arsenopyrite									
41.40	48.60	Oxyde Facies Iron Formation, Jasper Chert and Minor Argillite									
		-alternating black, grey white and deep red									
		-60% banded Magnetite-Jasper chert iron formation, 10% chert and									
		30% argillite									
		-Iron formation: 10cm - 50cm thick intervals (25cm average) con-									
		sisting of 60- 70% mm-3cm thick magnetite bands alternating with									
		mm-cm grey and deep red finely laminated chert-jasper.									
		-Chert: 1-10cm (5cm average) intervals of fine (mm) to coarsely									
		banded grey and minor deep red chert-jasper									
		-Argillite: grey black weakly sheared argillite bands 10.35cm									
		thick- very vaguely banded- may see minor quartz grains									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		(ie minor wacke interbedded)									
		-Schistosity- foliation =55° cax, defined by slatey cleavage- schistosity in argillite wacke and fine mm-cm spaced cleavage in chert and iron formation									
		-banding is generally cut by schistosity due to strong development of isoclinal assymmetric 'Z' shaped folds; may only see hinge lines and fold noses; if orient core (such that schistosity is east west and dipping steep south) fold planes are parallel to schistosity and hinge lines (fold noses) rake vertically (ie plunge 180°, steep south)									
		-Commonly iron formations are altered near cross-cutting quartz veinlets and fractures; magnetite bands become bleached and lose magnetism and chlorite is developed near veins; also up to 10% coarse magnetite in veins within magnetite bands; minor calcite in vein									
		-Argillite very weakly bleached due to minor Fe-carbonate mm disseminated									
		-5% quartz veins with minor carbonate at 55° cax (ie parallel to foliation) and less commonly 0- 10° cax- these veins generally disrupt banding in chert and iron formation									
		-0.5% pyrite in mm-cm veins- clots overall (restricted to magnetite band)									

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		41.40- 41.60: Alteration associated with low angle fault- cm								
		quartz-carbonate vein filled; trending north, north-west-	3603	41.40	42.50	1.10	Tr-0.5%		0.005	
		vertical dip in oriented core	3604	42.50	43.50	1.0	Tr- 0.5%		«.005	
		41.60- 44.0: 5% quartz carbonate veins 0- 25° cax, minor chlo-	3605	43.50	44.50	1.0	Tr		«.005	
		rite	3606	44.50	45.50	1.0	Tr		«.005	
		44.0- 45.50: relatively unaltered	3607	45.50	46.50	1.0	0.5-1%		0.015	
		45.50- 45.60: 10cm with 5- 10% pyrite in veins (1-5mm)	3608	46.50	47.50	1.0	Tr		«.005	
		45.60- 47.10: relatively unaltered	3609	47.50	48.60	1.10	0.5%		0.005	
		47.10- 48.60: minor bleaching- 1% pyrite- iron formation less								
		abundant								
		46.60 Lower contact where chert ends								
48.60	68.50	Interbedded Wacke and Argillite								
		similar to (26.20- 41.40) except:								
		-60% cm-50cm thick wacke- siltstone intervals interbedded								
		with 40% 1mm-30cm thick (5cm average) bands of argillite								
		-Wacke-siltstone (grain size difference) are often graded-								
		grading from coarse wacke to fine-grained siltstone over 10-								
		35cm- indicates tops downhole (ie north) consistently								
		-Argillite weakly sheared								
		-banding parallel to schistosity 55- 60° cax								
		-trace disseminated 1-2mm pyrite cubes								
		-relatively unaltered- except for intervals described below								

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T (ppb)	Vérif.	
		48.60- 49.50: 10- 15% 1-5cm quartz veins 45- 70° cax; trace py-									
		rite	3610	48.60	49.50	0.90	Tr		«.005		
		49.50- 54.30: Weak bleach of wacke- very pale grey- 5- 7% fine-	3611	49.50	50.50	1.0	Tr-0.5		«.005		
		grained pervasive Fe-carbonate; trace 0.5% 1-2mm pyrite clots	3612	50.50	52.0	1.50	Tr-0.5		0.025		
		(53.60) Grading tops downhole (ie north)	3613	52.0	53.50	1.50	Tr		0.010		
		59.50 Grading: tops downhole (ie north)	3614	53.50	55.0	1.50	Tr		0.005		
		62.0- 65.60: Banding distorted 3- 5% cm quartz veins sub-parallel	3615	62.0	63.50	1.50	Tr		«.005		
		to schistosity (60° cax) trace pyrite	3616	63.50	65.0	1.50	Tr		0.005		
			3617	65.0	66.50	1.50	Tr		0.040		
		65.60- 68.50: Weak Carbonate Bleach	3618	66.50	67.50	1.0	Tr-0.5		0.010		
		-similar to 48.60- 54.30- except more sheared 60° cax	3619	67.50	68.50	1.0	Tr		0.015		
		-trace- 0.5% pyrite									
68.50	76.80	Interbedded Altered Lean Iron Formation, Chert and Altered Wacke-	3620	68.50	69.50	1.0	Tr	Tr	0.040		
		Argillite:	3621	69.50	70.50	1.0	Tr		0.010		
		-alternating grey-white, black and ligh grey	3622	70.50	71.50	1.0	Tr		0.015		
		-60% variably altered 1cm- 50cm thick argillite- and very fine	3623	71.50	72.50	1.0	Tr		0.055		
		grained wacke bands; rock variably weak to strongly bleached	3624	72.50	73.50	1.0	Tr	Tr	0.030		
		over 1-50cm intervals by 5- 20% pervasive Fe-carbonate i) alte-	3625	73.50	74.50	1.0		Tr	0.170		
		ration proportional to percent quartz calcite veins	3626	74.50	75.50	1.0		0.5%	0.030		
		-20-30% beige to white altered chert and sulphidized iron forma-	3627	75.50	76.80	1.30		1.0%	0.020		
		mation bands 1-10cm thick; in chert bands, up to 60% sugary tex-									
		tured quartz-calcite veins injected- disturbs bands; in iron									

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		formation (relict) identify by 10- 30% irregular pyrrhotite									
		mm bands and clots in sugary textured quartz and minor calcite									
		-10-20% cm- 20cm grey quartz veins sub-parallel to schistosity-									
		proportion may be recrystallized chert?- can't always be sure									
		-common texture is recrystallization of siliceous bands in									
		chert and iron formation									
		-moderately developed schistosity 55- 60° cax									
		-banding generally sheared- probably transposed									
		-lower contact where chert ends- trace 1-3mm pyrrhotite clots									
		disseminated in wacke continues until 78.0m									
		-fractured at 10.20cm intervals									
		-locally low angle fractures 10° cax									
		(73.0- 75.0) observe altered chert bands									
		(75.0- 76.80) pyrrhotite occurs in sugary quartz-calcite bands									
76.80	100.60	Interbedded Wacke and Argillite									
		-identical to (48.60- 68.50) except no visible grading									
		76.80- 88.25 Weak Carbonate Bleach Alteration	3628	76.80	78.0	1.20		Tr- 0.5%	0.030		
		-similar to (65.8- 68.50) except schistosity 60- 65° cax									
		-Trace- 0.5% pyrrhotite from (76.80- 78.0); trace mm pyrite	3629	78.0	79.50	1.50	Tr		0.010		
		elsewhere	3630	79.50	81.0	1.50	Tr		0.005		
			3631	81.0	82.25	1.25	Tr		0.010		
		88.25- 95.50 Weak-moderately sheared interbedded Wacke and									
		argillite									

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif. Chemex reject	Chemex Pulp
		-similar to main unit description except 50% 1-10cm bands of									
		sheared argillite interbedded with 50% 1-25cm bands of fine-	3632	88.50	90.0	1.50	Tr		0.020		
		grained sheared wacke	3633	90.0	91.50	1.50	Tr		0.045		
		-banding alligned parallel to schistosity 65- 70° cax; more	3634	91.50	93.0	1.50	Tr		0.015		
		strongly developed in argillite	3635	93.0	94.50	1.50	Tr		0.020		
		-banding appears transposed to irregular disbanded sheared	3636	94.50	95.50	1.00	Tr		0.030		
		-wacke very weakly Fe-carbonate bleached (5- 7% Fe-carbonate)									
		-weak moderately fractured 5-25cm intervals- along foliation									
		-Trace- 1-3mm disseminated pyrite									
		(93.40- 93.50) chert? dark grey siliceous band									
									Agnico		
		95.50- 97.50: Weak Carbonate Alteration; weak-moderate Shear	3491	95.50	96.50	1.00	Tr		0.14	0.10	0.17
		Zone	3492	96.50	97.50	1.00	Tr		1.03	2.68	0.90
		-similar to above unit except:	3493	97.50	98.50	1.00	Tr		0.14	0.10	0.14
		a) schistosity generally more strongly developed 70° cax-	3494	98.50	99.50	1.00	Tr		0.41	0.41	0.51
		banding observed									
		b) pale grey bleached wacke and (to a lesser extent) argillite									
		due to 10- 15% Fe-carbonate									
		97.50- 99.50: Weak-Banded Silicification- Moderate Carbonate-									
		Weak Sericite Alteration									
		-banded pale-medium grey and light grey									
		-progressive alteration consisting of two different end products:									
		a) progressive bleaching of wacke and to a lesser degree,									

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			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex Pulp
		argillite + wacke loses primary textures except for quartz									
		grains which stand out in pale grey bleached matrix due to									
		15- 20% pervasive Fe-carbonate									
		-argillite begins to pale as carbonate increases- at extreme,									
		begin to see faint sericite slips develop in aphanitic schisto-									
		se bands.									
		-Silicification accompanied by 15- 20% pervasive Fe-carbonate									
		appears to progressive affect wacke intervals; initially over									
		mm-cm intervals- wacke becomes vitreous- siliceous, hard due to									
		groundmass replacement (banding parallel to schistosity)									
		-silicified bands occur sporadically (10- 15% of interval)									
		-trace mm disseminated pyrite									
		-moderate schistosity 65- 70° cax									
		-lower contact where silicification becomes proportionately									
		dominant (approximate)									
		(98.80) Low angle fracturing oriented northwest-vertical dip									
		(if orient core as above)									
		99.50- 100.60 Moderate Banded Silicification- Carbonate	3495	99.50	100.60	1.10	Tr-0.5%		1.44	1.47	1.23
		and weak sericite alteration									
		-alternating medium and pale grey									
		-very similar to above except silicification 30- 40% of interval									
		over 1- 20cm bands									
		-Schistosity relatively more weakly developed due to increase									
		less sheared silicified bands									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex Pulp
		-where silica-carbonate alteration more strongly developed,									
		rock has micro brecciated look due to selective bleaching along									
		irregular fine network of silica-carbonate veinlets									
		-Trace- 0.5% pyrite as mm disseminations and smears on schist									
		planes in silicified and non-silicified bands									
		-Lowe contact very sharp but fractured (approx. 70° cax?)									
100.60	101.50	Strong Carbonate Altered and Sheared fine-grained Wacke-Argillite	3496	100.60	101.50	0.90	0.5%		0.21	0.14	0.10
		cut by Narrow Argillaceous Shear bands.									
		-pale yellowish grey, black and grey white									
		-60% interval moderate-strongly sheared strong Fe-carbonate weak									
		sericite altered fine-grained wacke?; see visible mm-grains along									
		grey bleach 1-5mm thick lamellae cut by anastomosing sericitic									
		slips (defining moderate-strong schistosity 70° cax); sericitic									
		bands 25- 30% overall									
		-locally ser 1-2cm thick black argillaceous sheared bands with									
		up to 20% strongly sheared 1-3mm fragments (carbonatized) 70°									
		cax									
		-Trace- 0.5% 1-3mm sheared pyrite clots									
		-Lower contact sharp, fractured 70- 75° cax (felsic dyke)									
		101.30- 101.40: Sheared Aphanitic Felsic Dyke									
		-Trace mm quartz phenocrysts set in a sheared pale grey felsic									
		matrix; microfractured parallel to schistosity									

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MINES AGNICO EAGLE LTÉE

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No 90A- 152

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 14 de _____

De _____ à _____

Profondeur totale: _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex Pulp
101.50	113.45	Moderate-Strong Carbonate-Weak Green Mica Altered Gabbroic									
		Intrusion									
		-pale grey wider grey-green to emerald green spot									
		-10-20% 1-3mm anhedral bleach grey green relict chloritic pheno-									
		crysts set in a moderate- strongly bleached (20- 25% pervasive									
		fine-grained Fe-carbonate bleaches and destroys primary igneous									
		textures) matrix with trace- 2% mm anhedral leucoxene grains									
		-interpret to be gabbroic protolith (mafic porphyritic) due									
		to resemblance with less altered gabbros observed in other									
		holes nearby									
		-bleaching locally («5% interval) very strong where mafic phe-									
		nocrysts have green mica stain set in grey white carbonate rich									
		matrix									
		-very weak foliation (flattened phenocrysts, weak schistosity)									
		at 70° cax									
		-minor calcite veins irregular deg. cax.									
		-Trace- 1-2mm pyrite clots									
		101.50- 102.10: Sheared Carbonate Bleached Mafic Interval (chill									
		zone?)									
		-pale medium grey	3497	101.50	102.10	0.60			0.14	0.07	0.14
		-sheared aphanitic homogeneous interval; interpret to be mafic									
		volcanic or chill due to constant grain size and lack of banding									
		-15- 20% pervasive Fe-carbonate									

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De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet	:	Ligne	:	Ord.	:	Profondeur	:			Couronne
Claim	:	Section	:	Ord.	:	Plongée	:			AX: EX:
Canton	:	Lat.	:	Long.	:	Azimut	:			AQ:
Rang	:	Elévation Orifice:				Commencé le	:			
Lot	:	Azimut:				Terminé le	:			
N.T.S.	:	Niveau:				Entrepreneur	:			

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		-moderate schistosity 70° cax							AE	Chemex reject	Chemex Pulp
		-minor cm quartz veins completely sheared- contorted	3498	102.10	103.20	1.10	Tr		«.07	0.10	0.07
		-lower contact fractured over 15cm (70°- 90° cax)	3637	103.20	104.50	1.30	Tr-nil	Chemex	0.005		
			3638	104.50	106.0	1.50	Tr-nil	Chemex	«.005		
		102.10- 103.20: Moderate Strong Carbonate-weak Green Mica Altera-	3639	106.0	107.50	1.50	Tr-nil	Chemex	«.005		
		tion- similar to main unit description, except green mica stai-									
		ned 1-5mm sheared phenocrysts more commonly developed									
		-green mica also developed very weakly in matrix									
		-weak moderate schistosity decreases downhole									
		-lower contact- fracture-filled with quartz carbonate mm vein									
		at 30° cax									
									Chemex		
		108.0- 113.45: Strong Fe-Carbonate Bleaching (rock has light	3640	107.50	109.0	1.50	Tr		0.030		
		brown 1-5cm patches-stains) partially obscures porphyritic tex-	3641	109.0	110.50	1.50	Tr		«.005		
		tures over 10- 25cm intervals (40% overall)	3642	110.50	112.0	1.50	Tr-0.5%		0.005		
		-Trace 1-2mm pyrite clots- locally up to 0.5% over 10cm interval	3643	112.0	113.45	1.45	Tr		«.005		
		-Schistosity very weakly developed 70° cax									
		-Sericitic over narrow intervals									
		-Lower contact zone is very weakly chloritic (minor 1-5mm chlo-									
		ritic slips in darker overall rock)									
113.45	116.74	Feldspar-Quartz phyric Felsic dyke									
		-Trace- 5% 1-2mm subhedral grey white feldspar phenocrysts									
		(albite) and trace mm quartz phenocrysts set in aphanitic grey									

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Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		massive felsic matrix; upper contact sharp 65° cax- relatively								
		unaltered, weak foliation								
		(115.45- 116.0) Bleached Carbonatized mafic 65° cax (as in								
		(108.0- 113.45))								
	116.74	End of hole								
		17 boxes sample series (3590- 3643) (54 samples) and								
		(3491- 3498) (8 samples)								
		Samples 3590- 3643 incl. Fire Assay AAS (30g fused sample)								
		at Chemex Labs								
		Samples 3491- 3498 incl. Fire Assay 1 1/2 assay ton) at Agnico-								
		Eagle								
		All Agnico-Eagle Pulps & Rejects repulverized Fire Assay								
		(gravimetric) (30g fused samples) at Chemex Labs								
		Marc Legault géologue								
		C.P. 87								
		Val d'Or (Québec)								
		J9P 4N9								

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No 90A- 153

Feuille No 1 de

De à

Profondeur totale: 44.20m

Journal: Marc H. Legault

Date: March 1990

Projet	: 90 NARM-DP Vezza	Option Ligne	:	Ord.	:	Profondeur	: 0	41.6m		Couronne
Claim	: 455694-1	Section	: L 16575E	Ord.	: 10020N	Plongée	: -50° 15'	-46°		AX: EX:
Canton	: Vezza	Lat.	: 16575.15E	Long.	: 10020.07N	Azimut	: -	-		AQ:
Rang	: -	Elévation Orifice:	Grid 1001.14m			Commencé le	: 27 February 1990			
Lot	: -	Azimut:	Grid 3° 42' Astron 9° 36'			Terminé le	: 28 February 1990			
N.T.S.	: 32F 12	Niveau:	Surface			Entrepreneur	: N. Morissette (Canada) Val d'Or			

DE	À	SUMMARY GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
0	15.35	Overburden								
15.35	21.0	Interbedded Weakly Altered Argillite, Chert and lean Iron Formation								
		15.35- 18.0 Interbedded Argillite and Minor Chert								
		20.25- 21.0 Interbedded Argillite and Minor Chert								
21.0	31.35	Interbedded Argillite and Wacke								
		23.90- 25.90 Fracture Zone								
		25.90- 27.40 Weak-moderate Carbonate Bleach Alteration- Weak Shear Zone								
		27.40- 28.15 Moderate Carbonate- Sericite Alteration- Shear Zone								
		28.15- 31.15 Moderate Banded Carbonate-Silicification, Weak								
		Sericite Alteration Shear Zone Fracture Zone								
		(28.15- 29.40) Moderate Strong Carbonate Silicification- Speckled								
		Tourmaline Alteration								
31.35	32.05	Weak Argillaceous Shear Zone								
32.05	32.95	Moderate-Strong Carbonate- Silicification Alteration of Wacke								
32.95	44.20	Moderate Carbonate Altered Gabbroic Intrusion								
		32.95- 33.25 Sheared Carbonate Altered Aphanitic Mafic (chill zone)								
		33.25- 34.10 Sheared Moderate-Strong Carbonate Alteration								
		34.10- 37.0 Moderate Strong Carbonate Weak Green Mica Alteration								
		42.0- 44.20 Moderate Strong Carbonate Weak Green Mica Alteration								
	44.20	End of hole (43.40- 43.70) Fault zone- Aphanitic felsic dykes								

Reference: J.L. Corriveau May3, 1990

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0	15.35	Overburden (BQ casing to 15.85 left in hole)									
15.35	21.0	Interbedded weakly altered argillite, chert and altered lean									
		Iron Formation									
		-alternating black light grey and pinkish beige bands									
		-overall 80% black argillite, 15% grey-beige chert and 5%									
		pink-grey beige altered lean Iron Formation									
		-generally argillite minor chert comprises unit except for									
		narrow interval of sparsely distributed altered iron formation									
		(see description below)									
		-argillite: black sheared weakly banded aphanitic sediment									
		1-30cm thick intervals; banding roughly sub-parallel to									
		schistosity (moderately developed, especially in argillite)									
		55° cax: weak bleaching locally due to weak fe-carbonate (see below)									
		-chert: 1-10cm (2-3cm average) bands- grey to beige colour-									
		aphanitic but not banded (suggest alteration may obscure somewhat)									
		-vague contact generally- banding parallel to schistosity									
		-Altered Iron Formation: consists of bleached grey and discon-									
		tinuous 2- 15cm bands of pink chert with clots of coarse (1-3mm)									
		pyrite up to 2cm thick on mm clots- stringers of pyrrhotite:									
		banding not very well defined cut by 5% mm quartz veinlets:									
		interpret to be sulphidized (and bleached) lean oxide facies									
		iron formation									
		-1% pyrite and trace pyrrhotite restricted to altered iron									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		formation only									
		-bleaching of argillite and alteration of chert and iron forma-									
		tion appears associated with intensity of deformation (shearing)									
		and development of 5-15% pervasive Fe-carbonate									
		-banding of argillite often transposed (ie bands transected									
		abruptly by schist planes)									
		-2-3% cm quartz veins alligned parallel to schistosity									
		-lower contact where chert bands diminish									
		15.35- 18.0 Interbedded Argillite and minor chert (75/25%)	3644	17.0	18.0	1.0	Tr		0.025		
		18.0- 20.25 Interbedded Argillite- altered Iron Formation and	3645	18.0	19.0	1.0	Tr		0.030		
		Chert (30/30/30 proportions) 1-2% pyrite 0.5% pyrrhotite	3646	19.0	20.25	1.25	1-2%	0.5%	0.005		
		20.25- 21.0 Interbedded Argillite and chert as in (15.35- 18.0)	3647	20.25	21.25	1.0	Tr		0.045		
		except weak pervasive carbonate bleached									
21.0	31.35	Interbedded Argillite and Wacke- weakly sheared	3648	21.25	22.25	1.0	Tr		0.020		
		-alternating light grey- grey black bands									
		-60% medium light grey fine-grained wacke band 1-30cm thick									
		(10 cm average) alternating with 40% mm 5cm bands of black									
		aphanitic sheared argillite									
		-Wacke: very fine-grained siltstone matrix with trace- 2-3%									
		0.5- 1mm anhedral equant quartz grains									
		-Interval weak-moderately sheared 60° cax; banding alligned									
		parallel to schistosity- locally discontinuous- transected by									
		schistosity (especially in argillite)									

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MINES AGNICO EAGLE LTÉE

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

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Feuille No 4 de _____

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Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
		-Weak moderately fractured 5- 20cm intervals (generally parallel							Chemex	Chemex reject	Chemex Pulp
		schistosity)									
		-3-5% fine-Fe-carbonate in wacke and in fractures- trace- 1-5mm									
		pyrite clots									
		21.0- 26.40 Generally 50% wacke/ 50% argillite	3649	23.40	24.90	1.50	Tr		0.010		
		(23.40) 15cm grey siliceous band- cherty- weak limonite staining									
		Trace pyrite									
		(23.90) 3cm chert band- 0.5% pyrite streaks	3650	24.90	26.40	1.50	Tr		0.015		
		(23.90- 25.85) Fractured at 5-10cm intervals (fault)									
		(25.85) 5cm grey chert band									
		(25.90- 26.40) Weak Carbonate Bleach									
		-similar to main unit except wacke (and to a lesser extent)									
		argillite bleached to light grey due to 5- 10% pervasive Fe-car-									
		bonate- schistosity 60° cax									
		26.40- 27.40 Weak Moderate Carbonate Bleach Alteration Moderately	3499	26.40	27.40	1.00	Tr		0.07	0.10	«.07
		Sheared									
		-similar to (25.90- 26.40) except intensity of schistosity (de-									
		fined by very tightly spaced banding alligned perfectly with									
		schistosity 65- 70° cax)									
		-There is a stronger overall intensity of bleaching due to re-									
		latively stronger carbonate alteration; trace mm pyrite clots									
		-Lower contact where sericite slips begin									

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Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif. Chemex reject	Chemex Pulp
		27.40- 28.15 Moderate Carbonate- Sericite Alteration- Shear Zone									
		-progressive pale grey to banded grey- and waxy yellowish grey	3500	27.40	28.15	0.65	Tr		«.07	0.07	«.07
		-wacke (30- 40% interval) remains strongly bleached (grey) in									
		1-2cm bands alligned parallel to schistosity (65- 70° cax)									
		-Argillite= interpret to be sheared aphanitic 1-5cm bands									
		between wacke									
		-Argillite becomes progressively bleached and sheared from grey									
		to yellowish grey due to development of dominantly sericite									
		(initially along slips then progressively replacing entire									
		bands) carbonate not as strongly developed in schistose bands									
		as in wacke									
		-Trace mm pyrite clots									
		-lower contact where silicification begins									
		-Weak-moderately fractured at 5-10cm intervals (suggest 95% core									
		recovery)									
		28.15- 31.15 Moderate Banded Carbonate- Silicification Very Weak									
		Sericite Alteration- Weak Shear Zone- Fractured									
		-alternating light grey and medium grey to waxy yellow grey									
		-interval 50- 60% 1-5cm pale grey silicified wacke bands, and									
		40- 50% bleached schistose aphanitic 1-5cm bands of argillite									
		similar to sheared aphanitic material described in (27.40-									
		28.15) except generally more weakly sericitized (but as sheared									
		70° cax)									
		-Wacke (identified by minor mm quartz grain only) occurs as bands									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		or discontinuous bands: bleached to light grey and strongly									
		silicified (become vitreous-looking) = alteration with 15- 20%									
		pervasive fine Fe-carbonate, is groundmass replacing and rock									
		is cut by anastomosing hairlike network of silica-carbonate									
		filled veinlets- fractures									
		-Trace- mm pyrite throughout									
		-Rock is weak- moderately fractured 5- 10cm intervals (parts									
		easily along schist planes) RQD estimate at 0- 50% (poor)									
		-lower contact gradual									
		(28.15- 29.40) Moderate- Strong Banded Silicification- Speckled	3501	28.15	29.40	1.25	Tr		3.09	2.23	2.74
		Alteration									
		-interval has greater proportion of silicification than sub-unit									
		description except trace- 30% mm black specks develope in sili-									
		cified bands (more abundant) as in sheared aphanitic bands (30%									
		overall)									
		-mm speckles are almost needle-like habit oriented sub-parallel									
		to schistosity- tourmaline? possible link with fracturing?									
		-interval moderately fractured relatively- 90% core recovery									
		indicated									
		-lower contact where speckling ends and fracturing diminishes									
		-trace to up to 0.5% pyrite									
		(29.40- 31.35) same as sub-unit description	3502	29.40	30.40	1.00	Tr		0.21	0.10	0.10
			3503	30.40	31.35	0.95	Tr		«.07	0.24	0.17

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
31.35	32.05	Weakly Argillaceous Shear Zone									
		-dark grey black and minor grey clots									
		-90% sheared dark aphanitic material interpret to be argillaceous	3504	31.35	32.50	1.15	Tr		1.65	1.89	1.44
		strong schistosity developed 60- 70° cax (variable)									
		-10% mm-cm clots- irregular sheared fragments with jagged									
		feathery edges- definitely deformed- boudinaged; fragments are									
		siliceous trace- 5% 1-2mm quartz grains set in felsic (serici-									
		tic streaks) matrix- either silicified wacke or deformed dyke									
		(as observed in other similar interval intersected on strike)									
		-upper and lower contacts vague- approximate- due to fracturing									
32.05	32.95	Moderate Strong Carbonate Silicified Wacke	3505	32.50	32.95	0.45	Tr- 0.5%		8.23	8.85	8.67
		-dark grey to medium grey									
		-pervasive alteration of what was likely a wacke protolith (ie									
		homogeneous Tr- 1% 0.5- 1mm anhedral quartz grains); alteration									
		consisting of silica and 15- 20% fine Fe-carbonate pervasively									
		replaces groundmass to give a siliceous vitreous very weakly									
		foliated rock- contrasts intervals above and below									
		-in effect very wide band of silicification									
		-Trace- 0.5% very fine disseminated pyrite throughout									
		-irregular anastomosing network of mm hairlike silica-carbonate									
		veinlets (<5%)									
		-upper 30cm is quite dark and sheared; easily mistaken for ar-									
		gillaceous shear except for hardness (weak fine disseminated									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A- 153

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T AE	Vérif. Chemex reject	Chemex Pulp
		pyrite)- Weakly fractured at 10- 20cm intervals									
		-lower contact very sharp 70° cax- not fractured!									
32.95	44.20	Moderate Carbonate Altered Gabbroic Intrusion									
		-pale grey with local grey green spots									
		-in less altered zones (moderate textural preservation); 15- 20%									
		1-3mm anhedral bleached grey- green relict chloritic subequant									
		phenocrysts set in mm grain size bleached but microgabbroic									
		looking matrix with 10-15% pervasive Fe-carbonate (partial									
		textural destruction) and trace 2% mm anhedral leucoxene.									
		-1-2% 1-5mm irregular Fe-carbonate veins (with minor quartz)									
		at 50- 70° cax									
		-very weak schistosity (alligned stretched phenoblasts 65-70°cax									
		-trace- 1-2mm disseminated pyrite									
		32.95- 33.25: Sheared Strong Carbonate Aphanitic Mafic- chill									
		Zone									
		-sheared aphanitic grey rock with 20- 25% pervasive Fe-carbonate									
		in sharp contact with altered wacke above and leucoxene bearing	3506	32.95	34.10	1.15	Tr		0.07	0.14	0.07
		sheared gabbro below									
		-Trace- 0.5% 1-3mm sheared pyrite clots (balck sooty look)									
		33.25- 34.10 Sheared moderate-strong Carbonate Alteration Zone									
		-pale grey green									

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-153

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		-near total textures destruction due to coincident moderately							Chemex	
		developed schistosity (60° cax) and 15- 20% pervasive Fe-carbo-								
		nate; only relict leucoxene and vague strongly sheared chloritic								
		phenocrysts persist								
		-lower contact where shearing decreases rapidly (approximate)								
		34.10- 37.0 Moderate-Strong Carbonate Weak green Mica Alteration	3651	34.10	35.10	1.00	Tr-nil		0.005	
		-pale grey with minor grey green and emerald green spots	3652	35.10	36.50	1.40	Tr-nil		«.005	
		-similar to above except very weakly sheared and bleaching obs-	3653	36.50	38.0	1.50	Tr-nil		0.010	
		cures porphyritic textures								
		-weak green mica staining of phenoblasts within 1-2cm of some								
		quartz-carbonate veins (2- 3% 1-5mm thick random deg. cax.)								
		-trace-no pyrite								
		-lower contact where phenoblasts appear								
		38.0- trace pyrite in bleach zone associated with quartz-	3654	38.0	39.0	1.0	Tr		«.005	
		carbonate vein- minor green mica	3655	39.0	40.0	1.0	Tr		«.005	
		39.80 cm thick quartz-tourmaline vein- 70° cax?	3656	40.0	41.50	1.50	Tr-nil		0.010	
		42.0- 44.20 Moderate Strong Carbonate- Weak Green Mica	3657	41.50	42.50	1.0	Tr		0.005	
		alteration	3658	42.50	43.50	1.0	Tr Cpy	Aspy	0.005	
		-similar to (34.10- 37.0) except schistosity relatively more	3659	43.50	44.20	0.70	Tr Cpy	Tr	«.005	

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MINES AGNICO EAGLE LTÉE

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No 90A-153

Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		strongly developed and 2-3% quartz-carbonate veins								
		-also trace 1-3mm clots of chalcopyrite occur in fractures at								
		40- 45° cax- possibly northeast trending (hard to orient core)-								
		trace Arsenopyrite mm grains in veins								
		(43.40- 43.70) Fault Zone: 20% 2-3cm felsic aphanitic dykes-								
		sharp contacts 70° cax- but fractured at 1-3cm intervals								
		70- 90° cax								
	44.20	End of hole								
		5 boxes Sample series (3644- 3659) incl. (16 samples)								
		and (3499- 3506) incl. (8 samples) sent to Agnico-Eagle Lab								
		Samples 3644- 3659 incl. Fire Assay AAS (30g fused sample) at								
		Chemex Labs								
		Samples 3499- 3506 incl. Fire Assay (1/2 assay-ton) at								
		Agnico-Eagle Lab								
		All Agnico-Eagle pulps rejects repulverized, Fire Assay								
		gravimetric (30g fused sample) at Chemex Labs								

Marc Legault géologue
CP 87
Val d'Or (Québec)
J9P 4N9

LF C-4762

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-154

Feuille No 1 de

De à

Profondeur totale: 80.77m

Journal: Marc H. Legault

Date: March 1990

Projet : P-90 NARM-DP Vezza | Option Ligne : | Ord. : | Profondeur : 0 | 45.7m | 80.8m | Couronne AX: EX: AQ:

Claim : 455694-1 | Section : L16575E | Ord. : 9991N | Plongée : -52° | -49° | -47°

Canton : Vezza | Lat. : 16575.15E | Long. : 9991.53m N | Azimut :

Rang : - | Elévation Orifice: Grid 1000.31m | Commencé le : 20 February 1990

Lot : - | Azimut: Grid 1° 27' astron 7° 21' | Terminé le : 21 February 1990

N.T.S. : 32 F 12 | Niveau: Surface | Entrepreneur : N. Morissette (Canada) Ltd. Val d'Or

DE	À	SUMMARY GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
0	18.75	Overburden								
18.75	47.0	Interbedded Wacke and Argillite								
		18.75- 24.75 Fracture Zone								
		32.50- 35.0 Very Weak Carbonate Bleach Alteration								
		39.0- 45.50 Very Weak Carbonate Bleach Alteration								
		45.50- 47.0 Moderate Carbonate Bleach Alteration- Weak Shear Zone								
47.0	52.50	Interbedded Carbonate Altered Argillite-Wacke, Chert and Lean Iron Formation								
52.50	66.90	Interbedded Argillite- Wacke and Minor Chert								
		52.50- 53.80 Weak-Moderate Carbonate Bleach Alteration								
		61.0- 62.0 Weak Moderate Carbonate Alteration Shear Zone								
		62.0- 62.50 Fault								
		62.50- 64.50 Weak-Moderate Carbonate Alteration- Shear Zone								
		64.50- 65.50 Moderate-Strong Carbonate very weak Sericite Alteration- Shear Zone								
		65.50- 66.90 Weak-Moderate Banded Carbonate Silicification- Weak Shear								
66.90	67.50	Argillaceous Shear Zone- Breccia Zone- Fault			Ref. J.L. Corriveau May3,				1990	
67.50	69.65	Sheared Carbonate Altered Aphanitic Mafic (Volcanic or Chill Zone)								
69.65	79.10	Moderate-Strong Carbonate- Weak Green Mica Altered Gabbro								
		75.70- 76.10 Quartz-Phyric felsic dykes								
79.10	80.77	Fine Grained Mafic Volcanic								
	80.77	End of Hole								

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A-154

Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

Projet :		Ligne :		Ord. :		Profondeur :				Couronne
Claim :		Section :		Ord. :		Plongée :				AX: EX:
Canton :		Lat. :		Long. :		Azimut :				AQ:
Rang :		Elévation Orifice:				Commencé le :				
Lot :		Azimut:				Terminé le :				
N.T.S. :		Niveau:				Entrepreneur :				

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
0	18.75	Overburden (BQ casing to 18.90 m left in hole)									
18.75	47.0	Interbedded Wacke and Argillite									
		-alternating light grey and grey black									
		-60% 1-60cm thick (20cm average) fine-grained wacke bands									
		alternating with 40% 1mm- 60cm thick (5cm average) bands of									
		argillite									
		-Wacke: light-medium grey. Trace- 5% 0.1- 1.0mm visible anhe-									
		dral sub-rounded quartz grains, trace to no visible (ie above									
		0.5mm) lithic fragments, Trace- rare 1-3mm angular alligned									
		argillite chips, set in a very fine-grained clastic (siltstone)									
		matrix (intermediate composition)									
		-Argillite: aphanitic black moderately sheared slatey cleavage-									
		sharp contacts with wacke									
		-Moderately developed schistosity in argillite 55- 60° cax									
		(higher cax. down hole)									
		-banding generally parallel to schistosity; however common to									
		see bands 0- 90° cax- cut by schistosity; discontinuous bands									
		suggest transposition; minor assymmetric isoclinal folds									
		(cm- dm wavelengths) observed and isoclinal fold noses.									
		-If orient core such that schistosity trends east-west and dips									
		steep south, fold planes parallel to schistosity and Fold-nose=									
		hinge line rakes vertically ie plunges to south steeply									
		-trace 1-5mm pyrite cubes in wacke and argillite (clots)									

MINES AGNICO EAGLE LTÉE

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		-weak (1-2%) fine pervasive clacite in wacke; 5-10% Fe-carbonate								
		-1-2% 1-5mm calcite veinlets sub-parallel to foliation								
		18.75- 24.75 Fracture zone: fractures 0- 75° cax cut banding;	3660	21.0	22.50	1.50	Tr		«.005	
		fractures at 1-20cm intervals- estimate 50% RQD factor	3661	22.50	24.0	1.50	Tr		0.005	
		25.50- 26.75 Banding 0- 90° cax- in Wacke								
		27.0 'Z' shaped assymmetric isoclinal fold: cm cherty band of								
		siliceous sediment in argillite; schistosity transects band at								
		low core angle; fold oriented as in main unit description								
		32.35- 35.0 Very weak Carbonate Bleach Alteration: wacke-rich	3662	32.35	33.85	1.50	Tr		0.010	
		Interval bleached to yellowish grey dueto 10% pervasive Fe-car-	3663	33.85	35.35	1.50	Tr		0.005	
		bonate								
		-Trace pyrite- minor pyrrhotite clots								
		35.0- 39.0 discontinuous banding in sheared argillite, trace py-	3664	38.0	39.50	1.50	Tr		0.005	
		rite								
		39.0- 45.50 Very weak Carbonate Bleach Alteration of Wacke	3665	44.0	45.50	1.50	Tr		0.010	
		-5-7% pervasive fine Fe-carbonate partially obscures textures of								
		wacke (quartz grains remain)								
		-moderate-weak schistosity 60° cax								
		-observe local isoclinal assymmetric 'Z' shaped fold- 1-5cm								

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MINES AGNICO EAGLE LTÉE

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No 90A-154

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		wavelength- folds oriented as in main unit description ie in								
		oriented core fold plane trends east-west, dips steeply south								
		parallel to schistosity; fold axes= fold noses rake vertically								
		(ie plunge steeply due south)								
		-bedding often transected (displaced) by schistosity								
		45.50- 47.0 Moderate Carbonate Alteration- Weak Shear Zone	3666	45.50	47.0	1.50	Tr			0.020
		-pale grey sheared rock								
		-similar to above except vague increase in percent Fe-carbonate								
		(10- 15% pervasive) and marked increase in schistosity 60° cax								
		-poor textural definition in wacke								
		-argillite bleached to medium grey sheared 1-5mm bands								
		-lower contact fractured over 3-5cm; marks appearance of thick								
		chert bands								
		-trace 1-3mm pyrite								
47.0	52.5	Interbedded Carbonate Altered- Argillite Wacke, chert and Altered								
		Lean Iron Formation								
		-alternating pale grey, pink beige and green black								
		-approximately 50- 60% altered argillite-wacke, 25- 30% grey								
		chert and 10- 15% sulphidized chert lean iron formation								
		-dominant feature is moderate schistosity 60° cax and variable								
		intermittent nature (ie bands) of moderate Fe-carbonate blea-								
		ching of sediments								

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MINES AGNICO EAGLE LTÉE

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vérif.	
		-argillite- fine-grained wacke: generally moderate strongly altered and sheared; proportion includes all aphanitic- fine-grained 'soft' sediments sheared and also more weakly altered aphanitic black sheared 1-5cm argillite bands and interbedded lighter coloured siltstone-wacke bands (minority)									
		-Alteration (15- 20% Fe-carbonate) bleached to pale-medium yellowish grey (poor textural definition)									
		-chert: 1-5cm grey aphanitic, generally not banded siliceous bands;									
		Iron formation: consists of generally beige coloured with pink stains (faint pink bands) very weakly banded 3- 5cm thick bands of chert with trace- 25% fine-grained pyrrhotite; pyrrhotite occurs as up to 10% disseminations along 1-5mm thick bands (often discontinuous) or as disseminations									
		-interpret sulphide rich chert bands to be sulphidized lean relict oxide facies chert-magnetite iron formation									
		-chert and iron formation have strong carbonate bleached 1-5cm margins									
		-1% pyrrhotite overall (restricted to iron formation)									
		-schistosity moderately developed 60° cax									
		-bands generally parallel to schistosity (what's left in banding)									
		-assymmetric isoclinal folds are common in chert-argillite sets: curious because in this interval, observe 'S' shaped assymmetric isoclinal folds (1-5cm wavelengths) as opposed to 'Z' shaped									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

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Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		folds observed above and below interval							Chemex	
		-folds are oriented identical to folds described above								
		-crude symmetry to interval- see below								
		47.0- 47.50 Argillite chert and iron formation (30%)	3667	47.0	48.0	1.0		2-3%	1.740	
		47.50- 50.0 Argillite and chert ('S' folds)	3668	48.0	49.0	1.0	Tr	Tr	0.050	
		50.0- 50.50 Argillite chert and 50% iron formation (possible 'Z'	3669	49.0	50.0	1.0	Tr		0.050	
		folds)	3670	50.0	51.0	1.0	Tr	3-5%	3.82	
		50.50- 52.5 Argillite and chert ('S' folds)	3671	51.0	52.0	1.0	Tr		0.020	
52.50	66.90	Interbedded Argillite fine-grained Wacke and minor Chert	3672	52.0	53.0	1.0	Tr		0.005	
		very similar to (18.75- 47.0) main unit description except:	3673	53.0	54.0	1.0	Tr		0.020	
		a) wacke-argillite roughly equivalent proportions	3674	57.0	58.50	1.50	Tr		0.020	
		b) wacke generally very fine-grained- almost siltstone grain	3675	58.50	60.0	1.50	Tr		0.025	
		size in general	3676	60.0	61.0	1.0	Tr		0.030	
		c) 1-3% 1-3cm thick bands of grey aphanitic siliceous sediment-								
		chert interbedded with sediments								
		-schistosity weak-moderately developed 65- 70° cax								
		-banding alligned parallel to schistosity except where observe								
		assymmetric isoclinal folds (1-3cm wavelength) similar to those								
		described in (18.75- 47.0) ie 'Z' shaped folds- not 'S' shaped.								
		-banding quite often truncated by schistosity.								
		-0.5%, trace 1-2mm sheared pyrite clots throughout								

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MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

NO 90A- 154

Feuille No 7 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif. Chemex reject	Chemex Pulp
		- 5-7% pervasive Fe-carbonate appears to help obscure textures									
		-see intervals below- weak carbonate bleach of wacke									
		52.50- 53.80 Weak-Moderate Carbonate Bleach Alteration									
		-similar to (45.50- 47.0)									
		61.0- 62.0 Weak-Moderate Pervasive Carbonate Alteration- Mode-									
		rate Shear Zone									
		-alternating grey-black, pale grey and yellowish grey	3507	61.0	62.0	1.0	Tr		0.07	0.07	0.07
		-50- 50% argillite- (siltstone-wacke) cm thick bands									
		-wacke and to a lesser extent argillite bleached sporadically									
		from pale grey to waxy yellow grey- with increasing intensity-									
		individual bands									
		-schistosity moderately developed- banding parallel to schisto-									
		sity 70° cax									
		62.0- 62.50 Fault							Agnico		
		-black with limonite stains	3508	62.0	62.50	0.50	nil		«.07	0.10	0.10
		-fractured argillite bands; fracture 1-5cm intervals at 35-90°									
		cax									
		-visible carbonate veinlets- weathered out									
		-sharp upper and lower contacts									
		62.50- 64.50 Weak-Moderate Carbonate Bleach Alteration-	3509	62.50	63.50	1.00	Tr		0.21	0.21	0.17

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex pulp
		Shear Zone									
		-identical to (61.0- 62.0) except banding generally thicker	3510	63.50	64.50	1.00	Tr		«.07	0.24	0.21
		(3- 5cm average)									
		-'Z' shaped assymmetric isoclinal folded 2-3cm chert band at									
		64.50m									
		-oriented as in main unit description									
		-trace 1-2mm sheared pyrite clots									
		64.50- 65.50 Moderate Strong Carbonate very weak Sericite Alte-									
		ration/ Shear Zone									
		-similar to above except wacke (aphanitic with quartz grains)	3511	64.50	65.50	1.00	Tr		0.14	0.21	0.24
		and argillite (aphanitic sheared) are bleached to a grey-white									
		colour due to strong (15- 20%) pervasive fine-grained Fe-carbo-									
		nate									
		-very weak sericite developed along schist planes									
		-schistosity moderate at 70° cax									
		-minor 1-2cm grey- aphanitic chert bands									
		-lower contact where begin to observe silicified wacke- approxi-									
		mate									
		-trace mm pyrite disseminated									
		65.50- 66.90 Weak-Moderate Banded Carbonate- Silicification	3512	65.50	66.10	0.60	Tr		0.75	0.45	0.48
		-vaguely banded pale to medium grey	3513	66.10	66.90	0.80	Tr		0.69	0.89	0.62
		-similar to above except relatively more weakly sheared and wacke									

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A- 154

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Pv est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex Pulp
		bands occasionally silicified (see description below)									
		-excluding chert bands (identified by aphanitic grey texture),									
		30- 40% 1-3cm thick wacke bands set in carbonate bleached apha-									
		nitic fine-grained groundmass of altered sediment									
		-Wacke: pervasively silicified- hard- vitreous with coincident									
		moderate carbonate throughout; hard to see textures but alte-									
		ration generally restricted to what interpret to be wacke									
		-Schistosity 65- 70° cax									
		-Trace- mm disseminated pyrite									
		-Lower contact sharp against fault									
66.90	67.50	Argillaceous Shear Zone Breccia Zone- Fault	3514	66.90	67.50	0.60	0.5%		2.06	2.33	2.33
		-black alternating with grey									
		-60% 1mm-5cm size sub-angular fragments of 2 dykes set in a									
		(40%) matrix of sheared argillaceous material (strong pervasi-									
		vely carbonatized)									
		-Material sheared 70° cax- trace coarse pyrite in argillaceous									
		schist									
		-fragments strongly deformed with jagged feathery extremities									
		intervals interpreted to be fault breccia- recemented									
		-fragments vary in composition from strongly carbonatized									
		aphanitic mafic (?) fragments common near lower contact (30%									
		overall) and silicified- carbonate altered wacke (common near									
		upper contact)									

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JOURNAL DE SONDAGES

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

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Couronne AX: EX: AQ:

No 90A- 154

Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex Pulp
		-ie appear fault brecciating wallrock									
		-lower and upper contacts very sharp									
67.50	69.65	Sheared Carbonate Altered Aphanitic Mafic Volcanic (or chill zone)									
		-pale grey	3515	67.50	68.50	1.0	Tr		«.07	0.31	0.34
		-aphanitic weak to moderately sheared interval (schistosity de-	3516	68.50	69.65	1.15	nil		«.07	0.14	0.07
		creases downhole)									
		-aphanitic rock- interpret to be mafic due to colour, degree of									
		carbonate alteration, lack of banding- possibly volcanic or									
		chilled margin of gabbro below									
		-locally pseudo-banding due to mm thick sheared bleached lamel-									
		lae and minor carbonate veinlets									
		-15- 20% pervasive Fe-carbonate									
		-minor- 1-5mm quartz veinlets- transected- boudinaged in schis-									
		tosity									
		-some veinlets at 30° cax									
		-lower contact sharp but fractured									
		-very little (« trace) pyrite									
69.65	79.10	Moderate-Strong Carbonate- Weak Green Mica Altered Gabbroic									
		Intrusion									
		-medium to light grey with dark grey green to emerald green spots									
		-10-15% 1-3mm anhedral subequant bleached relict mafic pheno-									
		crysts set in a moderate to strongly bleached matrix									

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.	
		(complete groundmass textural destruction)							Chemex		
		-groundmass altered by 20- 25% pervasive fine-grained Fe-carbona-									
		te; bleaching often very strong over 1-10cm bands («10% interval)									
		-in strong bleached intervals, mafic phenocrysts either disappear	3677	69.65	71.0	1.35	Tr		0.015		
		(see vague ghost outlines) on stained emerald green with Green	3678	71.0	72.50	1.50	Tr		0.005		
		Mica development	3679	72.50	73.50	1.00	Tr		«.005		
		-minor sericite developed in groundmass- mostly chloritic-carbo-									
		nate matrix									
		-very weak schistosity 70- 75° cax									
		(69.65- 72.0) Strong Carbonate- Weak Green Mica alteration-									
		decreasing from upper contact									
		(72.0- 75.70) 1% quartz-white carbonate on extension veins	3680	73.50	74.50	1.0	Tr Cpy		0.060		
		45- 70° cax; occasionally (ie near 74.0m) veins contain mm-cm	3681	74.50	75.70	1.20	Tr		0.005		
		clots of chalcopyrite									
		75.70- 76.10 40% 5-10cm grey quartz phyric felsic dykes									
		-trace- 1% 1-2mm anhedral quartz phenocrysts set in aphanitic									
		felsic matrix									
		-contacts 50- 70° cax trace pyrite									
79.10	80.77	Fine-Grained Mafic Volcanic									
		-grey-green fine-grained mafic 1-2% 1-5mm calcite quartz amyg-									
		dules, weak calcite alteration									

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No 90A- 154

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 12 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
	80.77	End of hole								
		11 boxes, Sample series (3507- 3516) (3661- 3681) (32)								
		Samples 3660- 3681 (22 samples) Fire Assay (AAS) 30g fused								
		sample at Chemex Labs								
		Samples 3507- 3516 incl (10 samples) Fire Assay (1/2 Assay/ton)								
		at Agnico-Eagle Lab. All pulps & rejects from Agnico								
		repulverized, Fire Assay ,gravimetric (30g fused sample) at								
		Chemex Labs								
		Marc Legault géologue								
		CP 87								
		Val d'Or (Québec)								
		J9P 4N9								

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No 90A- 155

Feuille No 1 de

De à

Profondeur totale: 120.42

Journal: Marc H. Legault

Date: March 1990

Projet	P-90 NARM-DP Vezza	Option Ligne	:	Ord.	:	Profondeur	: 0	45.7m	
Claim	: 455694-1	Section	: L16575E	Ord.	: 9952N	Plongée	: -55	-45°	
Canton	: Vezza	Lat.	: 16575.09m	Long.	: 9952.53m N	Azimut	: -	-	
Rang	: -	Elévation Orifice:	Grid 999.73m			Commencé le	: 28 February 1990		
Lot	: -	Azimut:	Grid 1° 13' Astron 7° 07'			Terminé le	: 01 March 1990		
N.T.S.	: 32F/12	Niveau:	Surface			Entrepreneur	: N. Morissette (Canada) Ltée. Val d'Or		

Couronne AX: EX: AQ:

DE	À	SUMMARY GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
0	22.25	Overburden								
22.25	29.45	Moderate-Weak Carbonate Altered Interbedded Wacke and Argillite								
		27.50- 29.45 Minor Banded Chert								
29.45	32.45	Interbedded Oxyde facies Iron Formation and Wacke-Argillite								
32.45	91.60	Interbedded Wacke and Argillite								
		32.45- 42.50 Strong Carbonate Bleach Alteration and minor								
		'banded' Silicification Zone								
		42.50- 44.30 Weak Carbonate Bleach Alteration								
		51.0- 58.0 Moderate Carbonate Bleach Alteration								
		91.0- 91.60 Moderate Carbonate Bleach Zone- Shear Zone								
91.60	95.20	Interbedded Strong Carbonate Altered Wacke- Argillite, Chert and	Lean Iron Formation							
95.20	110.45	Interbedded Wacke and Argillite								
		95.20- 96.20 Strong Carbonate- Sericite Alteration- Shear Zone								
		107.0- 109.0 Moderate Strong Carbonate Bleach Alteration								
		109.0- 109.90 Moderate Banded Carbonate Silicification Shear Zone								
		109.90- 110.45 Strong Carbonate- Silicification Zone- Fracture Zone								
110.45	111.0	Graphitic Fault Zone								
111.0	120.40	Moderate Carbonate Weak Green Mica Altered Gabbro								
		111.0- 112.0 Shear Zone- Strong Carbonate Alteration Zone			Reference: J.L. Corriveau May 4, 1990					
	120.40	End of hole								

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Feuille No 2 de _____

De _____ à _____

Profondeur totale: _____

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Date: _____

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
0	22.25	Overburden (BQ casing to 23.16m left in hole)								
22.25	29.45	Interbedded Wacke- and Argillite- Moderate Weak Carbonate Bleach Alteration								
		-alternatly grey-black and pale grey	3724	22.25	23.75	1.50	Tr-nil		«.005	
		-70% 1cm- 50cm thick fine-grained wacke bands alternating with	3725	23.75	25.25	1.50	Tr-nil		«.005	
		1cm 50cm thick aphanitic sheared argillite (either black or	3726	25.25	26.75	1.50	Tr		«.005	
		pale grey when bleached)	3727	26.75	28.25	1.50	Tr		«.005	
		-Wacke: trace- 5% 0.5- 1.5mm anhedral quartz grains, rare 1-3mm	3728	28.25	29.45	1.20	Tr		«.005	
		sub-angular light coloured aphanitic lithic fragments and rare								
		1-5mm angular argillite chips set in an aphanitic intermediate								
		siltstone matrix								
		-rock is variably bleached from medium grey to grey white colour								
		due to 10- 15% variably developed pervasive Fe-carbonate- rock								
		often banded due to alteration along 1-20cm intervals								
		-Argillite- dark grey-black to pale grey aphanitic sheared rock,								
		very faintly banded								
		-banding parallel to moderate-weakly developed schistosity 55°ca								
		-trace mm pyrite								
		27.50- 29.45 minor 1-3cm thick thinly banded pink-grey chert								
		intervals- relatively less altered								
29.45	32.45	Interbedded Oxide Facies Iron Formation and Wacke-Argillite	3729	29.45	30.45	1.00	Tr		0.005	
		-alternating black, deep red, grey and white	3730	30.45	31.45	1.00	Tr-1%		0.080	

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ _____ _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ _____ _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ _____ _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 3 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		-50% 1-30cm thick magnetite-jasper-chert iron formation;								
		50% fine-grained to aphanitic dark to light grey bands of	3731	31.45	32.45	1.00	Tr-1%		0.050	
		argillite-wacke								
		-oxide facies iron formation; 50- 70% 5-10mm magnetite bands al-								
		ternating with 20- 30% deep red jasper bands and grey-beige								
		chert; locally where quartz veins injected along bedding, chert								
		magnetite are bleached and may see mm sulphide disseminations								
		on rarely cm pyrite bands (local sulphidization but «1% inter-								
		val)								
		-Argillite fine-grained wacke variably bleached as in (22.25-								
		29.45),								
		-Banding 55- 60° cax								
		-1-2% quartz veins generally parallel to banding								
		-Minor 'Z' shaped assymmetric isoclinal fold observed near								
		29.45; cm wavelength, if orient core such that weak foliation								
		east, west, steep south dip, fold plane parallel to foliation,								
		fold axes rake 90° (ie plunge steeply to south)								
		-1% pyrite overall								
		-lower contact where sulphidized iron formation stops								
		-minor cm chert bands persist to 33.50m								
32.45	91.60	Interbedded Wacke and Argillite	3732	32.45	33.60	1.15	Tr		0.010	
		similar to (22.25- 29.45)	3733	33.60	35.00	1.40	Tr		0.020	
		ie 70- 80% 1cm- 1.5m thick intervals of fine grained pale grey	3734	35.00	36.50	1.50	Tr		0.190	

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Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 4 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Chemex	Vérif.
		wacke interbedded with mm-50cm bands of sheared black aphanitic								
		argillite	3735	36.50	38.0	1.50	Tr		0.110	
			3736	38.0	39.50	1.50	Tr		0.740	
		32.45- 42.50 Strong Carbonate Bleach Alteration and Minor	3737	39.50	41.0	1.50	Tr		0.135	
		'banded' Silicification Zone	3738	41.0	42.50	1.50	Tr		0.165	
		-pale irregular grey- mottled grey appearance								
		-alteration consists of general pervasive bleaching due to 10-15%								
		fine Fe-carbonate in groundmass and 1-5% (with calcite) in								
		minor irregular fractures								
		-alteration results in partial textural destruction in wacke								
		(mm quartz eyes always persist) and argillite bands lighter								
		somewhat								
		-10-15% of intervals in also penetrative silicified along 5-20cm								
		thick intervals- rock- (which may contain narrow chert like								
		intervals) is very hard- almost vitreous- silicification not								
		100% in bands								
		-alteration resembles that visible near deposit								
		-2-3% cm quartz veins- white- random cax								
		-traces mm pyrite clots								
		-lower contact gradual								
		-foliation weakly developed 60° cax								
		(41.20- 41.50) limonite staining associated with weak fracturing								
		low deg. cax.								

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Rang : _____ Elévation Orifice: _____ Commencé le : _____

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Feuille No 5 de _____

De _____ à _____

Profondeur totale: _____

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DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif.	
		42.50- 44.30 Weak Carbonate Bleach Alteration									
		-3-5% pervasive Fe-carbonate bleaching decreasing down hole;	3739	42.50	44.0	1.50	Tr		0.060		
		marks lower part of strong alteration zone									
		44.30- 51.0 Argillite- rich Interval	4175	44.0	45.50	1.50	Tr				
		-70% dark grey-black aphanitic argillite bands with minor wacke									
		-schistosity 60° cax- parallel to banding									
		-weakly fractured at 5-10cm intervals (50% RQD)									
		-lower contact where wacke regains dominance									
		51.0- 58.0 Moderate Carbonate Bleach Alteration	4176	51.10	52.60	1.50	Tr				
		-pale medium grey	4177	53.50	55.0	1.50	Tr				
		-10% pervasive Fine Fe-carbonate bleaches, dominantly wacke	4178	55.0	56.50	1.50	Tr				
		hostrock- causing very little textural destruction									
		-weak schistosity 60° cax (strongest in narrow argillite bands)									
		-1-2% mm irregular dark carbonate rich mm veinlets cut schisto-									
		sity- contorted ptygmatically deformed									
		-Trace- 2-3mm pyrite clots									
		-lower contact where argillite begins to dominate									
		(51.70- 52.30) minor cm quartz veins and carbonate bleached									
		58.0- 91.0 Weakly Sheared and Carbonate Bleached, Banded Argil-									
		lite and Wacke									
		-alternating 5-20cm thick sheared argillite and alternating									
		5-25cm weakly bleached wacke									

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Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 6 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		-differs from main unit in that argillite/wacke roughly same								
		proportions and generally narrow intervals	4179	65.50	67.0	1.50	Tr			
		-level of shearing higher- argillite much more sheared	4180	67.0	68.50	1.50	Tr			
		-wacke is bleached due to weak pervasive Fe-carbonate (approx 5%	4181	68.50	70.0	1.50	Tr			
		-Schistosity 60- 65° cax								
		-banding locally 0- 90° cax (ie cut by schistosity) and contor-								
		ted- transposed parallel to schistosity								
		-fractures parallel to schistosity at 5- 30cm intervals								
		-trace 2-3mm pyrite clots in wacke and argillite								
		(79.0- 82.60) Fractured at 3-20cm intervals (50% RQD factor)	4182	79.0	80.50	1.50	nil			
		trace pyrite	4183	80.50	82.0	1.50	Tr			
		(85.0- 86.50) Fractured (similar to above)	4184	82.0	83.50	1.50	nil			
		-lower contact at 91.0 where strong alteration starts	4185	88.50	90.0	1.50	Tr			
		(ie approximate)	4186	90.0	91.0	1.0	Tr			
		91.0- 91.60 Moderate Carbonate Weak Sericite Alteration Shear	4187	91.0	91.60	0.60	nil			
		Zone								
		-strongly sheared interval adjacent to altered iron formation								
		-strong textural destruction also due to pervasive Fe-carbonate								
		bleaching of what was likely argillite rich (aphanitic dark								
		protolith); minor sericite developed on slip planes								
		-minor cm long X 1.2mm thick lenticular 'fragments' like bou-								
		dinaged competent beds								

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No 90A-155

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____

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N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Couronne AX: EX: AQ:

Feuille No 7 de _____

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DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
91.60	95.20	Strong Carbonate Altered- Sheared Argillaceous sediments inter-								
		bedded Chert and Altered Lean Jasper-chert Iron Formation								
		-alternating creamy beige to pink and grey								
		-hard to discuss original rock types but estimate interval 70%	4188	91.60	92.50	0.90	Tr-0.5	Tr		
		fine-grained clastic sediments (siltstone-argillite with minor	4189	92.50	93.50	1.00	Tr			
		quartz bearing wacke) bands 10- 60cm thick; 20% cream beige-	4190	93.50	94.50	1.00	Tr	1-2%		
		pink altered jasper chert lean (?) iron formation bands 3-20cm	4191	94.50	95.20	0.70	Tr	1%		
		thick; and 10% grey 5-10cm chert bands								
		-strong Fe-carbonate alteration of sediments destroys textures								
		-moderate coincident shearing transposes banding parallel to								
		schistosity 65° cax (ie no banding likely original bedding)								
		-creamy beige-pink Jasper chert bands (irregular pink staining)								
		contains up to 10% pyrrhotite clots and sheared mm veinlets								
		(occasional band like veinlets); with traces of mm disseminated								
		pyrite and rare chalcopyrite (estimate 0.5% pyrrhotite overall)								
		interpret to be altered lean iron formation								
		-upper- lower contacts approximate								
95.20	110.45	Interbedded Wacke and Argillite								
		very similar to (58.0- 91.0) ie argillite- wacke similar propor-								
		tions								
		-minor 10cm grey chert bands (see below)								
		-moderately sheared- banding often cut transposed by schistosity								
		65° cax								

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A- 155

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 8 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T Chemex	Vérif. Chemex reject	Chemex pulp
		-argillite bands often cut by irregular mm carbonate veinlets									
		-wacke weakly moderate carbonate bleached grey- white									
		-trace-mm pyrite									
		-fractured at 10cm intervals throughout parallel to schistosity									
		95.20- 96.20: Strong Sericite- Carbonate Alteration- Shear	4192	95.20	96.20	1.0	Tr				
		-pale apple green and grey	4193	100.50	102.0	1.50					
		-complete textural destruction due to coincident sericite alte-	4194	102.0	103.50	1.50					
		ration (schist) and shearing 60- 65° cax	4195	103.50	105.0	1.50					
		-10-20% mm-cm dismembered more carbonate rich lamellae through-	4196	105.0	106.0	1.0					
		out	4197	106.0	107.0	1.0					
		-Trace mm-pyrite									
		99.10 5cm chert band									
		103.80 10cm chert band									
		107.0- 109.0 Moderate Strong Pervasive Carbonate Bleach Altera-	3517	107.0	108.0	1.0	Tr		«0.07	0.07	«0.07
		tion- Weak Shear Zone	3518	108.0	109.0	1.0	Tr-0.5%		0.14	0.24	0.41
		-similar to alteration of wacke-argillite seen in iron formation									
		interval near (91.60- 95.20)									
		-rapid increase in bleaching									
		-schistosity (65- 70° cax) similar intensity as interval above									
		-pyrite as 1-2mm sheared clots and rare mm veinlets sheared									
		parallel to schistosity									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A- 155

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 9 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Agnico	Vérif. Chemex reject	Chemex Pulp
		-local 1-5mm hard siliceous lamellae near lower contact (approximate where banded silicification starts)									
		109.0- 109.90 Moderate Banded Carbonate Silicification Zone	3519	109.0	109.90	0.90	Tr-0.5%		1.99	2.40	2.06
		-alternating light medium grey									
		-30% interval 1-3cm thick bands of bleached silicified wacke alternating with less bleached carbonatized wacke bands									
		-silicified bands (with 10-15% pervasive carbonate) have hazy reasonably vague contacts									
		-suspect silicification- fracture controlled									
		-trace mm-sheared pyrite									
		-speckled appearance near lower contact (sooty pyrite?)									
		-weakly fractured- moderate- weak foliation 70° cax									
		-lower contact gradual									
		109.90- 110.45: Strong Pervasive Carbonate Silicification Alteration Zone- fractured	3520	109.90	110.45	0.55	Tr		1.85	2.54	2.16
		-pale grey									
		-silicified probable wacke- protolith									
		-penetrating silicification of groundmass (only see relict 0.5mm quartz grains of wacke)									
		-15-20% pervasive Fe-carbonate occurs in groundmass and in very fine hairlike irregular fracture network									
		-rock relatively massive- poorly foliated									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

No 90A- 155

Feuille No 10 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T Agnico	Vérif. chemex reject	chemex Pulp
		-trace very fine dusty pyrite									
		-fractured 70- 75° cax (3- 5cm intervals)									
		-minor cm white quartz vein 75° cax?									
		-lower contact where graphite appears on fracture planes									
110.45	111.0	Fault- microfault- graphitic slips	3521	110.45	111.0	0.55	0.5%		1.17	1.44	1.51
		-pale grey with black fractures									
		-protolith (preserved in intervals up to 10cm wide) likely									
		strongly carbonate bleached (similar to (107.0- 109.0)									
		wacke- siltstone									
		-wacke microbrecciated over 1mm- 10cm intervals (fractures-									
		fragments 1mm- 1cm size) cemented by black graphitic material									
		-fractures preferred orientation 70- 80° cax									
111.0	120.40	Weak-Moderate Carbonate- local Green Mica Altered Medium-Grained									
		Gabbro									
		-grey-green with dark green to emerald green spots									
		-partial textural destruction									
		-protolith likely mafic porphyritic gabbro affected by pervasive									
		Fe-carbonate-chlorite alteration of groundmass (causes blea-									
		ching, textural destruction) 15- 30% 1-3mm anhedral chloritic									
		relict mafic phenocrysts always persist									
		-phenocrysts weakly sheared 1-3 i) parallel to schistosity									
		65- 70° cax									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A- 155

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 11 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON				ANALYSES				
			No:	De	À	Long.	% Py est.	% po. est.	Au. oz. T	Vériff.	
									Agnico	Chemex reject	Chemex Pulp
		-locally (<5% interval) 5-10cm strongly bleached zones, green									
		mica developed in chloritic phenoblasts									
		-1- 2% mm irregular leucoxene									
		-trace mm pyrite disseminated									
		111.0- 112.0 Moderate Strong Carbonate Alteration Shear									
		-pale grey green	3522	111.0	112.0	1.0	Tr		<0.07	0.10	0.07
		-upper contact where graphite fracturing stops	4198	112.0	113.50	1.50	Tr				
		-complete textural destruction fine visible phenocrysts	4199	113.50	115.0	1.50	Tr				
		-schistosity (70° cax) and alteration decrease towards lower	4200	115.0	116.50	1.50	Tr				
		contact									
		115.50- 117.50 1% Fe-carbonate-chlorite filled fractures 1-5mm									
		thick 35- 90° cax									
		117.50- 117.65 Aphanitic felsic Dyke 60- 75° cax									
		-rhyolite grey composition									
		117.65- 120.40 1% carbonate filled fractures (as in 115.50-									
		117.50) 35- 90° cax									
		-locally mm chalcopyrite									
	120.40	End of hole									

LF C-4782

MINES AGNICO EAGLE LTÉE

JOURNAL DE SONDAGES

No 90A- 155

Projet : _____ Ligne : _____ Ord. : _____ Profondeur : _____ | _____ | _____ Couronne

Claim : _____ Section : _____ Ord. : _____ Plongée : _____ | _____ | _____ AX: EX:

Canton : _____ Lat. : _____ Long. : _____ Azimut : _____ | _____ | _____ AQ:

Rang : _____ Elévation Orifice: _____ Commencé le : _____

Lot : _____ Azimut: _____ Terminé le : _____

N.T.S. : _____ Niveau: _____ Entrepreneur : _____

Feuille No 12 de _____

De _____ à _____

Profondeur totale: _____

Journal: _____

Date: _____

DE	À	GÉOLOGIE	ÉCHANTILLON No:	De	À	Long.	ANALYSES % Py est.	% po. est.	Au. oz. T	Vérif.
		18 core boxes								
		Sample series 3724- 3739 incl. (16)								
		3517- 3522 incl. (6)								
		4175- 4200 incl. (26)								
		Samples 3724- 3739 (11) sent to Chemex Labs for								
		Fire Assay AAS (30 g fused sample)								
		Samples 4175- 4200 incl. and 3517- 3522 (32)								
		sent to Agnico-Eagle Lab, Fire Assay (1/2 assay/ton)								
		Pulps and rejects 3517- 3522 incl. repulverized, Fire Assay-								
		gravimetric (30 g fused sample) at Chemex Labs								
		Marc Legault géologue								
		CP 87								
		Val d'Or (Québec)								
		J9P 4N9								

LF C-4782

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 3
Invoice Date: 20-FEB-90
Invoice No. : I-9011480
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:MINE AGNICO EAGLE

CERTIFICATE OF ANALYSIS A9011480

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne									
P-3001	214	227	0.14	pulps not REPULVERIZED								
P-3002	214	227	0.07	SEE PULVERIZED pulp ASSAY on # 9011779								
P-3003	214	227	0.07									
P-3004	214	227	0.14									
P-3005	214	227	0.14									
P-3006	214	227	1.71									
P-3007	214	227	0.69									
P-3008	214	227	3.09									
P-3009	214	227	8.19									
P-3010	214	227	1.51									
P-3011	214	227	0.48									
P-3012	214	227	0.48									
P-3013	214	227	1.10									
P-3014	214	227	3.57									
P-3015	214	227	0.96									
P-3016	214	227	1.85									
P-3056	214	227	0.14									
P-3057	214	227	0.14									
P-3058	214	227	0.69									
P-3059	214	227	3.77									
P-3060	214	227	6.55									
P-3061	214	227	1.17									
P-3062	214	227	1.23									
P-3063	214	227	9.12									
P-3064	214	227	3.09									
P-3065	214	227	1.58									
P-3069	214	227	0.14									
P-3070	214	227	0.21									
P-3071	214	227	0.69									
P-3072	214	227	0.69									
P-3073	214	227	0.34									
P-3074	214	227	0.96									
P-3075	214	227	0.21									
P-3083	214	227	0.14									
P-3084	214	227	0.69									
P-3095	214	227	7.78									
P-3096	214	227	0.62									
P-3097	214	227	2.06									
P-3098	214	227	0.69									
P-3099	214	227	0.55									

ÉNERGIE ET RESSOURCES
SECTEUR MINES
14 DEC. 1990
Bureau régional Val d'Or

CERTIFICATION : W. Allen Armanini

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 20-FEB-90
Invoice No. : I-9011480
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:MINE AGNICO EAGLE

CERTIFICATE OF ANALYSIS A9011480

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne
P-3100	214	227	0.75
P-3101	214	227	2.95
P-3102	214	227	1.10
P-3103	214	227	2.67
P-3104	214	227	< 0.07
P-3107	214	227	0.89
P-3108	214	227	0.55
P-3109	214	227	0.27
P-3110	214	227	1.30
P-3118	214	227	0.41
P-3119	214	227	0.75
P-3120	214	227	4.80
P-3121	214	227	4.73
P-3122	214	227	2.81
P-3123	214	227	1.37
P-3124	214	227	8.95
P-3125	214	227	0.62
P-3126	214	227	0.69
P-3127	214	227	19.70
P-3128	214	227	0.27
P-3129	214	227	0.89
P-3130	214	227	19.70
P-3131	214	227	7.06
P-3132	214	227	0.07
P-3133	214	227	0.07
P-3134	214	227	0.14
P-3135	214	227	1.30
P-3136	214	227	1.85
P-3137	214	227	6.93
P-3138	214	227	2.81
P-3139	214	227	4.46
P-3140	214	227	5.21
P-3141	214	227	2.74
P-3142	214	227	1.78
P-3143	214	227	0.14
P-3144	214	227	0.07
P-3145	214	227	< 0.07
P-3146	214	227	0.07
P-3147	214	227	0.75
P-3148	214	227	8.85

CERTIFICATION : W. Sterkenburg

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 20-FEB-90
Invoice No. : I-9011480
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:MINE AGNICO EAGLE

CERTIFICATE OF ANALYSIS A9011480

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne
P-3149	214	227	0.82
P-3150	214	227	0.07
P-3151	214	227	0.27
P-3152	214	227	0.21
P-3153	214	227	0.62
P-3154	214	227	13.00
P-3155	214	227	9.12
P-3156	214	227	0.41
P-3157	214	227	0.21
P-3158	214	227	0.89
P-3159	214	227	0.75
P-3160	214	227	8.67
P-3161	214	227	2.54
P-3162	214	227	0.62
P-3163	214	227	6.24
P-3164	214	227	0.41
P-3165	214	227	0.07
P-3166	214	227	0.07
P-3167	214	227	0.48
P-3168	214	227	1.71
P-3169	214	227	7.75
P-3170	214	227	2.26
P-3171	214	227	0.96

CERTIFICATION W. Ten Brummeler

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul. Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011480

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:MINE AGNICO EAGLE

CERTIFICATE A9011480

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O. # :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 20-FEB-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
214	103	Received sample as pulp
227	103	Rolling charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
399	103	Au g/tonne: 1/2 assay ton	FA-AAS	0.07	500.00

- pulps non prepares
analyzed in # 9011779

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 01-MAR-90
Invoice No. : I-9011779
P.O. Number :

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: FAX - MINE CC: AGNICO-EAGLE MINE

*NOTE: * CORRECTED COPY FOR Au oz/T

CERTIFICATE OF ANALYSIS A9011779

	SAMPLE DESCRIPTION	PREP CODE	Au g/tonne	Au FA oz/T
	P-3001	268 --	0.07	< 0.003
	P-3002	268 --	0.07	< 0.003
	P-3003	268 --	0.14	0.004
	P-3004	268 --	0.07	< 0.003
	P-3005	268 --	0.14	0.004
	P-3006	268 --	1.58	0.046
	P-3007	268 --	0.69	0.020
*	P-3008	268 --	3.15	0.092
	P-3009	268 --	8.00	0.233
	P-3010	268 --	1.44	0.042
	P-3011	268 --	0.55	0.016
	P-3012	268 --	0.48	0.014
	P-3013	268 --	1.03	0.030
	P-3014	268 --	5.49	0.160
	P-3015	268 --	0.96	0.028
	P-3016	268 --	1.78	0.052
	P-3056	268 --	0.21	0.006
	P-3057	268 --	0.14	0.004
	P-3058	268 --	0.69	0.020
	P-3059	268 --	3.91	0.114
	P-3060	268 --	not/ss	not/ss
	P-3061	268 --	1.10	0.032
*	P-3062	268 --	1.23	0.036
	P-3063	268 --	9.60	0.280
	P-3064	268 --	2.37	0.069
	P-3065	268 --	1.71	0.050
	P-3069	268 --	0.14	0.004
	P-3070	268 --	0.14	0.004
	P-3071	268 --	0.69	0.020
	P-3072	268 --	0.82	0.024
	P-3073	268 --	0.34	0.010
	P-3074	268 --	0.69	0.020
	P-3075	268 --	0.21	0.006
	P-3083	268 --	< 0.07	< 0.003
	P-3084	268 --	0.62	0.018
	P-3095	268 --	6.41	0.187
	P-3096	268 --	0.75	0.022
	P-3097	268 --	2.26	0.066
	P-3098	268 --	0.55	0.016
	P-3099	268 --	0.34	0.010

CERTIFICATION : D Grant

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 01-MAR-90
Invoice No. : I-9011779
P.O. Number :

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: FAX - MINE CC: AGNICO-EAGLE MINE

*NOTE: CORRECTED COPY FOR Au oz/T

CERTIFICATE OF ANALYSIS A9011779

	SAMPLE DESCRIPTION	PREP CODE	Au g/tonne	Au FA oz/T
	P-3100	268 --	0.69	0.020
	P-3101	268 --	4.18	0.122
	P-3102	268 --	1.30	0.038
	P-3103	268 --	2.81	0.082
	P-3104	268 --	0.07	< 0.003
	P-3107	268 --	0.96	0.028
	P-3108	268 --	0.48	0.014
	P-3109	268 --	0.34	0.010
	P-3110	268 --	1.30	0.038
	P-3118	268 --	0.41	0.012
*	P-3119	268 --	1.03	0.030
	P-3120	268 --	5.17	0.151
	P-3121	268 --	4.25	0.124
	P-3122	268 --	2.95	0.086
	P-3123	268 --	1.30	0.038
*	P-3124	268 --	8.91	0.260
	P-3125	268 --	1.78	0.052
	P-3126	268 --	0.62	0.018
	P-3127	268 --	19.50	0.568
	P-3128	268 --	0.48	0.014
	P-3129	268 --	0.96	0.028
*	P-3130	268 --	20.60	0.600
	P-3131	268 --	7.13	0.208
	P-3132	268 --	0.07	< 0.003
	P-3133	268 --	0.14	0.004
	P-3134	268 --	0.14	0.004
	P-3135	268 --	1.23	0.036
	P-3136	268 --	1.58	0.046
	P-3137	268 --	7.95	0.232
	P-3138	268 --	2.26	0.066
	P-3139	268 --	3.98	0.116
	P-3140	268 --	5.01	0.146
	P-3141	268 --	2.61	0.076
	P-3142	268 --	1.85	0.054
	P-3143	268 --	0.14	0.004
	P-3144	268 --	0.07	< 0.003
	P-3145	268 --	< 0.07	< 0.003
	P-3146	268 --	0.07	< 0.003
	P-3147	268 --	0.89	0.026
*	P-3148	268 --	10.01	0.292

CERTIFICATION : Ehnst

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011779

Comments: ATTN: MARC LEGAULT CC: FAX - MINE CC: AGNICO-EAGLE MINE

CERTIFICATE A9011779

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O. # :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 1-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
268	103	Assay ring entire sample

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
399	102	Au g/tonne: 1/2 assay ton	FA-AAS	0.07	500.00
396	102	Au oz/T: 1/2 assay ton	FA-GRAVIMETRIC	0.003	20.000

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN, QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9
Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE C: AGNICO-EAGLE MINE

Page No. : 1
Tot. Pages: 3
Date : 22-FEB-90
Invoice # : I-9011504
P.O. # :

CERTIFICATE OF ANALYSIS A9011504

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne
R-3001	208	294	0.14
R-3002	208	294	0.14
R-3003	208	294	0.07
R-3004	208	294	0.07
R-3005	208	294	0.21
R-3006	208	294	1.58
R-3007	208	294	0.69
R-3008	208	294	2.19
R-3009	208	294	7.54
R-3010	208	294	1.44
R-3011	208	294	0.69
R-3012	208	294	0.55
R-3013	208	294	1.03
R-3014	208	294	4.66
R-3015	208	294	0.96
R-3016	208	294	1.65
R-3056	208	294	0.21
R-3057	208	294	0.14
R-3058	208	294	0.75
R-3059	208	294	3.50
R-3060	208	294	5.07
R-3061	208	294	1.51
R-3062	208	294	1.03
R-3063	208	294	6.99
R-3064	208	294	2.47
R-3065	208	294	1.92
R-3069	208	294	0.21
R-3070	208	294	0.14
R-3071	208	294	0.69
R-3072	208	294	0.48
R-3073	208	294	0.34
R-3074	208	294	0.89
R-3075	208	294	0.14
R-3083	208	294	0.07
R-3084	208	294	0.48
R-3095	208	294	4.42
R-3096	208	294	1.06
R-3097	208	294	3.22
R-3098	208	294	0.82
R-3099	208	294	0.55

CERTIFICATION : [signature]

Laboratoires Chemex Ltée.
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To : AGNICO-EAGLE DIVISION EXPLORATION
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE C: AGNICO-EAGLE MINE

Date : 22-FEB-90
Invoice # : I-9011504
P.O. # :

CERTIFICATE OF ANALYSIS A9011504

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne
R-3100	208	294	0.75
R-3101	208	294	2.26
R-3102	208	294	1.10
R-3103	208	294	2.54
R-3104	208	294	< 0.07
R-3107	208	294	1.03
R-3108	208	294	0.96
R-3109	208	294	1.30
R-3110	208	294	1.37
R-3118	208	294	0.48
R-3119	208	294	0.62
R-3120	208	294	3.62
R-3121	208	294	4.66
R-3122	208	294	3.26
R-3123	208	294	1.44
R-3124	208	294	8.50
R-3125	208	294	0.41
R-3126	208	294	0.62
R-3127	208	294	17.30
R-3128	208	294	0.27
R-3129	208	294	1.51
R-3130	208	294	18.20
R-3131	208	294	6.72
R-3132	208	294	< 0.07
R-3133	208	294	< 0.07
R-3134	208	294	0.21
R-3135	208	294	1.92
R-3136	208	294	1.71
R-3137	208	294	7.13
R-3138	208	294	1.90
R-3139	208	294	3.91
R-3140	208	294	4.94
R-3141	208	294	2.61
R-3142	208	294	1.58
R-3143	208	294	0.07
R-3144	208	294	0.07
R-3145	208	294	< 0.07
R-3146	208	294	0.07
R-3147	208	294	0.82
R-3148	208	294	7.95

CERTIFICATION : W. Stentmanini

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To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE C: AGNICO-EAGLE MINE

Date : 22-FEB-90
Invoice # : I-9011504
P.O. # :

CERTIFICATE OF ANALYSIS A9011504

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne
R-3149	208	294	1.23
R-3150	208	294	0.07
R-3151	208	294	0.27
R-3152	208	294	0.27
R-3153	208	294	0.69
R-3154	208	294	12.60
R-3155	208	294	8.23
R-3156	208	294	0.48
R-3157	208	294	0.27
R-3158	208	294	1.10
R-3159	208	294	0.82
R-3160	208	294	7.68
R-3161	208	294	2.13
R-3162	208	294	0.89
R-3163	208	294	5.69
R-3164	208	294	0.55
R-3165	208	294	0.07
R-3166	208	294	0.07
R-3167	208	294	0.55
R-3168	208	294	1.44
R-3169	208	294	8.09
R-3170	208	294	2.67
R-3171	208	294	1.17

CERTIFICATION : W. Bonavini

Laboratoires Chemex Ltée.
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175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011504

Comments: ATTN:MARC LEGAULT CC:FAX MINE C: AGNICO-EAGLE MINE

CERTIFICATE A9011504

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 22-FEB-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	103	Assay ring to approx 150 mesh
294	103	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
399	103	Au g/tonne: 1/2 assay ton	FA-AAS	0.07	500.00

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
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PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 2
Invoice Date: 27-FEB-90
Invoice No. : I-9011509
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9011509

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne	Au FA oz/T
3017	205	294	1.80	0.052
3018	205	294	1.14	0.033
3019	205	294	< 0.07	< 0.002
3020	205	294	0.08	0.002
3021	205	294	2.00	0.058
3022	205	294	< 0.07	< 0.002
3023	205	294	< 0.07	< 0.002
3024	205	294	< 0.07	< 0.002
3025	205	294	< 0.07	< 0.002
3026	205	294	< 0.07	< 0.002
3027	205	294	< 0.07	< 0.002
3028	205	294	< 0.07	< 0.002
3029	205	294	< 0.07	< 0.002
3030	205	294	< 0.07	< 0.002
3031	205	294	< 0.07	< 0.002
3032	205	294	< 0.07	< 0.002
3033	205	294	0.17	0.005
3034	205	294	< 0.07	< 0.002
3035	205	294	< 0.07	< 0.002
3036	205	294	< 0.07	< 0.002
3037	205	294	< 0.07	< 0.002
3038	205	294	< 0.07	< 0.002
3039	205	294	< 0.07	< 0.002
3040	205	294	< 0.07	< 0.002
3041	205	294	< 0.07	< 0.002
3042	205	294	< 0.07	< 0.002
3043	205	294	< 0.07	< 0.002
3044	205	294	< 0.07	< 0.002
3045	205	294	< 0.07	< 0.002
3046	205	294	< 0.07	< 0.002
3047	205	294	0.15	0.004
3048	205	294	< 0.07	< 0.002
3049	205	294	< 0.07	< 0.002
3050	205	294	1.01	0.029
3051	205	294	< 0.07	< 0.002
3052	205	294	< 0.07	< 0.002
3053	205	294	< 0.07	< 0.002
3054	205	294	< 0.07	< 0.002
3055	205	294	< 0.07	< 0.002
3066	205	294	< 0.07	< 0.002

CERTIFICATION : Adriana Alexandre

Laboratoires Chemex Ltee.

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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 27-FEB-90
Invoice No. : I-9011509
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9011509

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne	Au FA oz/T
3067	205	294	< 0.07	< 0.002
3068	205	294	1.71	0.050
3076	205	294	0.10	0.003
3077	205	294	< 0.07	< 0.002
3078	205	294	< 0.07	< 0.002
3079	205	294	< 0.07	< 0.002
3080	205	294	< 0.07	< 0.002
3081	205	294	< 0.07	< 0.002
3082	205	294	< 0.07	< 0.002
3085	205	294	0.64	0.019
3086	205	294	0.16	0.005
3087	205	294	< 0.07	< 0.002
3088	205	294	< 0.07	< 0.002
3089	205	294	< 0.07	< 0.002
3090	205	294	< 0.07	< 0.002
3091	205	294	0.07	0.002
3092	205	294	0.67	0.020
3093	205	294	< 0.07	< 0.002
3094	205	294	< 0.07	< 0.002
3105	205	294	0.15	0.004
3106	205	294	1.05	0.031
3111	205	294	< 0.07	< 0.002
3112	205	294	< 0.07	< 0.002
3113	205	294	< 0.07	< 0.002
3114	205	294	< 0.07	< 0.002
3115	205	294	< 0.07	< 0.002
3116	205	294	< 0.07	< 0.002
3117	205	294	< 0.07	< 0.002

CERTIFICATION : Adriana Alexandre

Laboratoires Chemex Ltee.

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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011509

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE A9011509

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O. # :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 28-FEB-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	68	Geochem ring to approx 150 mesh
294	68	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
399	68	Au g/tonne: 1/2 assay ton	FA-AAS	0.07	500.00
996	68	Au oz/T: 1 assay ton	FA-GRAVIMETRIC	0.002	20.000

Laboratoires Chemex Ltee.

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PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 27-FEB-90
Invoice No. : I-9011654
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9011654

SAMPLE DESCRIPTION	PREP CODE	Au ppm FA+AA	Au OZ/T FA+AA
3181	205 294	0.155	0.0045
3182	205 294	0.050	0.0015
3183	205 294	0.020	0.0005
3184	205 294	0.035	0.0010
3185	205 294	0.130	0.0035
3186	205 294	0.150	0.0045
3187	205 294	0.290	0.0085
3188	205 294	0.025	0.0005
3189	205 294	0.020	0.0005
3190	205 294	0.020	0.0005
3191	205 294	0.125	0.0030
3192	205 294	0.030	0.0010
3193	205 294	0.195	0.0055
3194	205 294	0.040	0.0010
3195	205 294	0.275	0.0080
3196	205 294	2.80	0.0815
3197	205 294	0.015	0.0005
3198	205 294	0.010	<0.0005
3199	205 294	0.005	<0.0005
3200	205 294	0.005	<0.0005
3201	205 294	0.010	<0.0005
3202	205 294	0.005	<0.0005
3203	205 294	0.040	0.0010
3204	205 294	0.010	<0.0005
3205	205 294	0.010	<0.0005
3206	205 294	0.025	0.0005
3207	205 294	0.035	0.0010
3208	205 294	0.060	0.0015
3209	205 294	0.020	0.0005
3210	205 294	0.005	<0.0005
3211	205 294	0.030	0.0010
3212	205 294	0.015	0.0005
3213	205 294	0.065	0.0020
3214	205 294	0.235	0.0070
3215	205 294	0.035	0.0010
3216	205 294	0.015	0.0005
3217	205 294	0.020	0.0005
3218	205 294	0.015	0.0005
3219	205 294	0.715	0.0210
3220	205 294	0.050	0.0015

CERTIFICATION :

Laboratoires Chemex Ltee.

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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 27-FEB-90
Invoice No. : I-9011654
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9011654

SAMPLE DESCRIPTION	PREP CODE	Au ppm FA+AA	Au OZ/T FA+AA
3221	205 294	0.020	0.0005
3222	205 294	0.010	<0.0005
3223	205 294	0.035	0.0010
3224	205 294	0.065	0.0020
3225	205 294	1.500	0.0440
3226	205 294	0.105	0.0030
3227	205 294	0.045	0.0015
3228	205 294	0.225	0.0065
3229	205 294	0.010	<0.0005
3230	205 294	< 0.005	<0.0005
3231	205 294	0.010	<0.0005
3232	205 294	0.010	<0.0005
3233	205 294	0.010	<0.0005
3234	205 294	0.080	0.0025
3235	205 294	0.015	0.0005
3236	205 294	0.030	0.0010
3237	205 294	0.015	0.0005
3238	205 294	0.065	0.0020
3239	205 294	0.435	0.0125
3240	205 294	0.225	0.0065
3241	205 294	0.170	0.0050
3242	205 294	0.075	0.0020
3243	205 294	0.025	0.0005
3244	205 294	0.080	0.0025
3245	205 294	0.170	0.0050
3246	205 294	0.145	0.0040
3247	205 294	0.155	0.0045
3248	205 294	0.050	0.0015
3249	205 294	1.370	0.0400
3262	205 294	0.005	<0.0005
3263	205 294	< 0.005	<0.0005
3264	205 294	0.010	<0.0005
3265	205 294	0.005	<0.0005
3266	205 294	< 0.005	<0.0005
3267	205 294	< 0.005	<0.0005
3268	205 294	0.010	<0.0005
3269	205 294	0.010	<0.0005
3270	205 294	0.015	0.0005
3271	205 294	< 0.005	<0.0005
3272	205 294	0.035	0.0010

CERTIFICATION :

Laboratoires Chemex Ltee.

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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 27-FEB-90
Invoice No. : I-9011654
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9011654

SAMPLE DESCRIPTION	PREP CODE	Au ppm FA+AA	Au OZ/T FA+AA
3273	205 294	0.030	0.0010
3274	205 294	0.025	0.0005
3275	205 294	0.025	0.0005

CERTIFICATION :

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
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PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011654

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE A9011654

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O.#:

Samples submitted to our lab in Rouyn, PQ.
is report was printed on 27-FEB-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	83	Geochem ring to approx 150 mesh
294	83	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
99	83	Au ppm: Fuse 30 g sample	FA-AAS	0.005	10.00
1200	83	Au OZ/T: Fuse 10 g sample	FA-AAS	0.0005	0.5000

Laboratoires Chemex Ltée.
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To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

Date : 02-MAR-90
Invoice # : I-9011887
P.O. # :

CERTIFICATE OF ANALYSIS A9011887

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
3276	205	294	0.020	0.0005
3277	205	294	0.010	<0.0005
3278	205	294	0.025	0.0005
3279	205	294	0.010	<0.0005
3280	205	294	0.040	0.0010
3281	205	294	0.020	0.0005
3282	205	294	0.060	0.0015
3283	205	294	0.475	0.0140
3284	205	294	0.140	0.0040
3285	205	294	0.075	0.0020
3286	205	294	0.145	0.0040
3287	205	294	0.100	0.0030
3288	205	294	0.075	0.0020
3289	205	294	0.085	0.0025
3290	205	294	0.010	<0.0005
3291	205	294	0.030	0.0010
3292	205	294	0.015	0.0005
3293	205	294	< 0.005	<0.0005
3294	205	294	0.050	0.0015
3295	205	294	0.160	0.0045
3296	205	294	0.505	0.0145
3297	205	294	2.50	0.0730
3298	205	294	3.16	0.0920
3299	205	294	0.035	0.0010
3300	205	294	0.055	0.0015
3301	205	294	0.020	0.0005
3302	205	294	< 0.005	<0.0005
3303	205	294	0.010	<0.0005
3304	205	294	0.010	<0.0005
3305	205	294	0.015	0.0005
3306	205	294	0.030	0.0010
3307	205	294	0.550	0.0160
3308	205	294	0.920	0.0270
3309	205	294	0.105	0.0030
3310	205	294	0.660	0.0195
3311	205	294	0.090	0.0025
3312	205	294	0.165	0.0045
3313	205	294	0.170	0.0050

CERTIFICATION : Thanh Vinh

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011887

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE A9011887

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 2-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	38	Geochem ring to approx 150 mesh
294	38	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
99	38	Au ppm: Fuse 30 g sample	FA-AAS	0.005	10.00
1200	38	Au OZ/T: Fuse 10 g sample	FA-AAS	0.0005	0.5000

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9
Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

Page No. :1
Tot. Pages: 1
Date :05-MAR-90
Invoice # : I-9011890
P.O. # :

CERTIFICATE OF ANALYSIS A9011890

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Au FA oz/T
P-3250	268	---	1.13	0.033
P-3251	268	---	3.57	0.104
P-3252	268	---	1.11	0.033
P-3253	268	---	7.83	0.228
P-3254	268	---	1.03	0.030
P-3255	268	---	0.48	0.014
P-3256	268	---	1.34	0.039
P-3257	268	---	1.77	0.052
P-3258	268	---	1.56	0.046
P-3259	268	---	3.51	0.103
P-3260	268	---	0.25	0.007
P-3261	268	---	0.10	0.003

CERTIFICATION :

Laboratoires Chemex Ltee.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011890

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE A9011890

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
s report was printed on 5-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
268	12	Assay ring entire sample

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	12	Au g/tonne: 1 assay ton	FA-GRAVIMETRIC	0.07	500.0
996	12	Au oz/T: 1 assay ton	FA-GRAVIMETRIC	0.002	20.000

Laboratoires Chemex Ltée.
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175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9
Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

Date : 05-MAR-90
Invoice # : I-9011891
P.O. # :

CERTIFICATE OF ANALYSIS A9011891

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Au FA oz/T
R-3250	205	294	1.20	0.035
R-3251	205	294	3.33	0.097
R-3252	205	294	0.97	0.028
R-3253	205	294	6.09	0.178
R-3254	205	294	0.99	0.029
R-3255	205	294	0.38	0.011
R-3256	205	294	1.23	0.036
R-3257	205	294	1.51	0.044
R-3258	205	294	2.50	0.073
R-3259	205	294	2.50	0.073
R-3260	205	294	0.19	0.006
R-3261	205	294	< 0.03	< 0.001

CERTIFICATION : W. [signature]

Laboratoires Chemex Ltee.
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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011891

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE A9011891

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
s report was printed on 5-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	12	Geochem ring to approx 150 mesh
294	12	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	12	Au g/tonne: 1 assay ton	FA-GRAVIMETRIC	0.07	500.0
996	12	Au oz/T: 1 assay ton	FA-GRAVIMETRIC	0.002	20.000

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 26-FEB-90
Invoice No. : I-9011610
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO EAGLE MINE

CERTIFICATE OF ANALYSIS A9011610

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Au FA oz/T
R-3172	207	294	1.03	0.030
R-3173	207	294	0.86	0.025
R-3174	207	294	2.71	0.079
R-3175	207	294	6.41	0.187
R-3176	207	294	5.11	0.149
R-3177	207	294	7.27	0.212
R-3178	207	294	3.50	0.102
R-3179	207	294	2.06	0.060
R-3180	207	294	1.01	0.030

NOTE: THE COLOUR OF THE REJECT IS LIGHTER THAN THE PULP

CERTIFICATION : W. Bourassa

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011610

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO EAGLE MINE

CERTIFICATE A9011610

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O. # :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 26-FEB-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
207	9	Assay pulv, screen -150, roll
294	9	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	9	Au g/tonne: 1 assay ton	FA-GRAVIMETRIC	0.07	500.0
996	9	Au oz/T: 1 assay ton	FA-GRAVIMETRIC	0.002	20.000

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 26-FEB-90
Invoice No. : I-9011613
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE

CERTIFICATE OF ANALYSIS A9011613

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Au FA oz/T
P-3172	268	--	1.27	0.037
P-3173	268	--	0.96	0.028
P-3174	268	--	2.81	0.082
P-3175	268	--	6.17	0.180
P-3176	268	--	5.31	0.155
P-3177	268	--	11.50	0.334
P-3178	268	--	3.09	0.090
P-3179	268	--	1.80	0.053
P-3180	268	--	1.70	0.050

CERTIFICATION: W. Stenzenni

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9011613

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE

CERTIFICATE A9011613

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O. # :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 26-FEB-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
268	9	Assay ring entire sample

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	9	Au g/tonne: 1 assay ton	FA-GRAVIMETRIC	0.07	500.0
996	9	Au oz/T: 1 assay ton	FA-GRAVIMETRIC	0.002	20.000

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: FAX MINE CC: AGNICO-EAGLE MINE

Page No. : 1
Tot. Pages: 3
Date : 12-MAR-90
Invoice # : I-9012270
P.O. # :

CERTIFICATE OF ANALYSIS A9012270

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
03314	205	294	0.010	<0.0005
03315	205	294	0.005	<0.0005
03316	205	294	0.010	<0.0005
03317	205	294	0.015	0.0005
03318	205	294	0.025	0.0005
03319	205	294	< 0.005	<0.0005
03320	205	294	0.005	<0.0005
03321	205	294	< 0.005	<0.0005
03322	205	294	0.005	<0.0005
03323	205	294	< 0.005	<0.0005
03324	205	294	< 0.005	<0.0005
03325	205	294	0.005	<0.0005
03326	205	294	0.005	<0.0005
03327	205	294	0.005	<0.0005
03328	205	294	0.025	0.0005
03329	205	294	0.170	0.0050
03330	205	294	0.495	0.0145
03331	205	294	0.035	0.0010
03332	205	294	0.005	<0.0005
03333	205	294	0.010	<0.0005
03334	205	294	0.010	<0.0005
03335	205	294	0.025	0.0005
03336	205	294	0.115	0.0035
03337	205	294	0.180	0.0050
03351	205	294	0.060	0.0015
03352	205	294	0.005	<0.0005
03353	205	294	< 0.005	<0.0005
03354	205	294	< 0.005	<0.0005
03355	205	294	0.005	<0.0005
03356	205	294	< 0.005	<0.0005
03357	205	294	0.005	<0.0005
03358	205	294	0.010	<0.0005
03359	205	294	< 0.005	<0.0005
03360	205	294	0.005	<0.0005
03361	205	294	< 0.005	<0.0005
03362	205	294	< 0.005	<0.0005
03363	205	294	< 0.005	<0.0005
03364	205	294	0.015	0.0005
03365	205	294	0.030	0.0010
03366	205	294	0.005	<0.0005

CERTIFICATION : Thank Vinh

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: FAX MINE CC: AGNICO-EAGLE MINE

Date : 12-MAR-90
Invoice # : I-9012270
P.O. # :

CERTIFICATE OF ANALYSIS A9012270

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
03367	205	294	0.005	<0.0005
03368	205	294	0.010	<0.0005
03369	205	294	0.060	0.0015
03370	205	294	0.105	0.0030
03371	205	294	0.020	0.0005
03372	205	294	0.025	0.0005
03373	205	294	0.265	0.0075
03374	205	294	0.775	0.0225
03375	205	294	0.170	0.0050
03376	205	294	0.025	0.0005
03377	205	294	0.770	0.0225
03378	205	294	0.090	0.0025
03379	205	294	0.030	0.0010
03380	205	294	0.010	<0.0005
03381	205	294	0.030	0.0010
03382	205	294	0.020	0.0005
03383	205	294	0.030	0.0010
03384	205	294	0.030	0.0010
03385	205	294	0.025	0.0005
03386	205	294	0.015	0.0005
03387	205	294	0.080	0.0025
03388	205	294	0.720	0.0210
03389	205	294	0.030	0.0010
03390	205	294	0.020	0.0005
03391	205	294	0.020	0.0005
03403	205	294	0.005	<0.0005
03404	205	294	0.005	<0.0005
03405	205	294	0.010	<0.0005
03406	205	294	<0.005	<0.0005
03407	205	294	<0.005	<0.0005
03408	205	294	0.005	<0.0005
03409	205	294	0.010	<0.0005
03410	205	294	0.040	0.0010
03411	205	294	0.050	0.0015
03412	205	294	0.150	0.0045
03413	205	294	0.175	0.0050
03414	205	294	0.065	0.0020
03415	205	294	0.255	0.0075
03431	205	294	0.030	0.0010
03432	205	294	0.005	<0.0005

CERTIFICATION :

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: FAX MINE CC: AGNICO-EAGLE MINE

Date : 12-MAR-90
Invoice # : I-9012270
P.O. # :

CERTIFICATE OF ANALYSIS A9012270

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
03433	205	294	< 0.005	<0.0005
03434	205	294	0.005	<0.0005
03435	205	294	0.010	<0.0005
03436	205	294	< 0.005	<0.0005
03437	205	294	0.010	<0.0005
03438	205	294	< 0.005	<0.0005

CERTIFICATION : Thank Vonk

Laboratoires Chemex Ltee.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL, C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9012270

Comments: ATTN: MARC LEGAULT CC: FAX MINE CC: AGNICO-EAGLE MINE

CERTIFICATE A9012270

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 13-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	86	Geochem ring to approx 150 mesh
294	86	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
99	86	Au ppm: Fuse 30 g sample	FA-AAS	0.005	10.00
1200	86	Au OZ/T: Fuse 10 g sample	FA-AAS	0.0005	0.5000

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 1
Invoice Date: 09-MAR-90
Invoice No. : I-9012263
P.O. Number :

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: FAX MINE CC: AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9012263

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Wt. + grams	Wt. - grams	Au oz/T
P-3338	268	--	0.41	35.80	180	0.012
P-3339	268	--	1.10	-----	-----	0.032
P-3340	268	--	7.39	-----	-----	0.216
P-3341	268	--	2.19	-----	-----	0.064
P-3342	268	--	1.44	-----	-----	0.042
P-3343	268	--	0.62	-----	-----	0.018
P-3344	268	--	0.93	-----	-----	0.027
P-3345	268	--	1.92	-----	-----	0.056
P-3346	268	--	1.54	-----	-----	0.045
P-3347	268	--	6.14	-----	-----	0.179
P-3348	268	--	0.14	42.30	113	0.004
P-3349	268	--	2.69	-----	-----	0.079
P-3350	268	--	5.31	-----	-----	0.155

CERTIFICATION : D Christ

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9012263

Comments: ATTN: MARC LEGAULT CC: FAX MINE CC: AGNICO-EAGLE MINE

CERTIFICATE A9012263

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O. # :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 12-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
268	13	Assay ring entire sample

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	13	Au g/tonne: 1 assay ton	FA-GRAVIMETRIC	0.07	500.0
888	2	Weight+ g: Metallics calculation	BALANCE	0.01	N/A
889	2	Weight- g: Metallics calculation	BALANCE	1	N/A
998	13	Au oz/T: 1 assay ton	FA-AAS	0.001	20.00

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 1
Invoice Date: 09-MAR-90
Invoice No. : I-9012266
P.O. Number :

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: FAX MINE CC: AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9012266

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Au oz/T
R-3338	207	294	0.48	0.014
R-3339	207	294	1.82	0.053
R-3340	207	294	2.85	0.083
R-3341	207	294	2.30	0.067
R-3342	207	294	1.65	0.048
R-3343	207	294	0.69	0.020
R-3344	207	294	1.06	0.031
R-3345	207	294	1.10	0.032
R-3346	207	294	1.58	0.046
R-3347	207	294	6.41	0.187
R-3348	207	294	0.14	0.004
R-3349	207	294	1.03	0.030
R-3350	207	294	5.28	0.154

CERTIFICATION : AChrist

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9012266

Comments: ATTN: MARC LEGAULT CC: FAX MINE CC: AGNICO-EAGLE MINE

CERTIFICATE A9012266

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O. # :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 12-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
207	13	Assay pulv, screen -150, roll
294	13	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	13	Au g/tonne: 1 assay ton	FA-GRAVIMETRIC	0.07	500.0
998	13	Au oz/T: 1 assay ton	FA-AAS	0.001	20.00

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

Page No. : 1
Tot. Pages: 2
Date : 16-MAR-90
Invoice # : I-9012458
P.O. # :

CERTIFICATE OF ANALYSIS A9012458

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Wt. + grams	Wt. - grams	Au oz/T
P-3392	268	--	0.17	17.30	110	0.005
P-3393	268	--	0.10	-----	-----	0.003
P-3394	268	--	0.07	-----	-----	0.002
P-3395	268	--	0.14	-----	-----	0.004
P-3396	268	--	0.10	-----	-----	0.003
P-3397	268	--	5.07	-----	-----	0.148
P-3398	268	--	7.41	-----	-----	0.216
P-3399	268	--	7.03	-----	-----	0.205
P-3400	268	--	6.45	-----	-----	0.188
P-3401	268	--	4.51	-----	-----	0.132
P-3402	268	--	0.24	58.80	74	0.007
P-3416	268	--	< 0.07	-----	-----	< 0.001
P-3417	268	--	0.24	-----	-----	0.007
P-3418	268	--	1.66	-----	-----	0.049
P-3419	268	--	< 0.07	-----	-----	< 0.001
P-3420	268	--	0.75	-----	-----	0.022
P-3421	268	--	2.57	-----	-----	0.075
P-3422	268	--	2.91	-----	-----	0.085
P-3423	268	--	5.62	-----	-----	0.164
P-3424	268	--	3.94	-----	-----	0.115
P-3425	268	--	26.10	1.40	43	0.762
P-3426	268	--	2.91	-----	-----	0.085
P-3427	268	--	0.10	-----	-----	0.003
P-3428	268	--	< 0.07	-----	-----	< 0.001
P-3429	268	--	0.75	-----	-----	0.022
P-3430	268	--	0.17	-----	-----	0.005
P-3460	268	--	0.10	-----	-----	0.003
P-3461	268	--	< 0.07	-----	-----	< 0.001
P-3462	268	--	< 0.07	-----	-----	< 0.001
P-3463	268	--	0.10	-----	-----	0.003
P-3464	268	--	0.24	24.40	90	0.007
P-3465	268	--	2.50	-----	-----	0.073
P-3466	268	--	0.10	-----	-----	0.003
P-3467	268	--	0.34	-----	-----	0.010
P-3468	268	--	0.31	-----	-----	0.009
P-3469	268	--	< 0.07	-----	-----	< 0.001
P-3478	268	--	0.07	-----	-----	0.002
P-3479	268	--	< 0.07	-----	-----	< 0.001
P-3480	268	--	0.07	-----	-----	0.002
P-3481	268	--	0.21	-----	-----	0.006

CERTIFICATION : Ochrist

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

Date : 16-MAR-90
Invoice # : I-9012458
P.O. # :

CERTIFICATE OF ANALYSIS A9012458

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Wt. + grams	Wt. - grams	Au oz/T
P-3482	268	---	1.44	123.20	165	0.042
P-3483	268	---	0.31	-----	-----	0.009
P-3484	268	---	2.47	-----	-----	0.072
P-3485	268	---	0.27	-----	-----	0.008
P-3486	268	---	0.55	-----	-----	0.016
P-3487	268	---	0.10	-----	-----	0.003
P-3491	268	---	0.17	-----	-----	0.005
P-3492	268	---	0.90	-----	-----	0.026
P-3493	268	---	0.14	-----	-----	0.004
P-3494	268	---	0.51	-----	-----	0.015
P-3495	268	---	1.23	38.20	141	0.036
P-3496	268	---	0.10	-----	-----	0.003
P-3497	268	---	0.14	-----	-----	0.004
P-3498	268	---	0.07	-----	-----	0.002
P-3499	268	---	< 0.07	-----	-----	< 0.002
P-3500	268	---	< 0.07	-----	-----	< 0.002
P-3501	268	---	2.74	-----	-----	0.080
P-3502	268	---	0.10	-----	-----	0.003
P-3503	268	---	0.17	-----	-----	0.005
P-3504	268	---	1.44	-----	-----	0.042
P-3505	268	---	8.67	12.10	25	0.253
P-3506	268	---	0.07	-----	-----	0.002
P-3507	268	---	0.07	-----	-----	0.002
P-3508	268	---	0.10	-----	-----	0.003
P-3509	268	---	0.17	-----	-----	0.005
P-3510	268	---	0.21	-----	-----	0.006
P-3511	268	---	0.24	-----	-----	0.007
P-3512	268	---	0.48	-----	-----	0.014
P-3513	268	---	0.62	-----	-----	0.018
P-3514	268	---	2.33	-----	-----	0.068
P-3515	268	---	0.34	170.20	85	0.010
P-3516	268	---	0.07	-----	-----	0.002
P-3517	268	---	< 0.07	-----	-----	< 0.002
P-3518	268	---	0.41	-----	-----	0.012
P-3519	268	---	2.06	-----	-----	0.060
P-3520	268	---	2.16	-----	-----	0.063
P-3521	268	---	1.51	-----	-----	0.044
P-3522	268	---	0.07	-----	-----	0.002

CERTIFICATION : Ahnst

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9012458

Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

CERTIFICATE A9012458

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
s report was printed on 16-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
268	78	Assay ring entire sample

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	78	Au g/tonne: 1 assay ton	FA-GRAVIMETRIC	0.07	500.0
888	8	Weight+ g: Metallics calculation	BALANCE	0.01	N/A
889	8	Weight- g: Metallics calculation	BALANCE	1	N/A
998	78	Au oz/T: 1 assay ton	FA-AAS	0.001	20.00

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To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

Page No. : 1
Tot. Pages: 2
Date : 16-MAR-90
Invoice # : I-9012459
P.O. # :

CERTIFICATE OF ANALYSIS A9012459

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Au oz/T
R-3392	207	294	0.17	0.005
R-3393	207	294	0.17	0.005
R-3394	207	294	0.14	0.004
R-3395	207	294	0.14	0.004
R-3396	207	294	0.34	0.010
R-3397	207	294	5.28	0.154
R-3398	207	294	6.96	0.203
R-3399	207	294	7.10	0.207
R-3400	207	294	7.60	0.222
R-3401	207	294	5.50	0.161
R-3402	207	294	0.34	0.010
R-3416	207	294	0.21	0.006
R-3417	207	294	0.24	0.007
R-3418	207	294	1.99	0.058
R-3419	207	294	0.27	0.008
R-3420	207	294	1.13	0.033
R-3421	207	294	2.85	0.083
R-3422	207	294	3.19	0.093
R-3423	207	294	6.00	0.175
R-3424	207	294	4.66	0.136
R-3425	207	294	24.40	0.712
R-3426	207	294	3.36	0.098
R-3427	207	294	0.34	0.010
R-3428	207	294	0.14	0.004
R-3429	207	294	0.45	0.013
R-3430	207	294	0.17	0.005
R-3460	207	294	0.07	0.002
R-3461	207	294	0.10	0.003
R-3462	207	294	0.10	0.003
R-3463	207	294	0.07	0.002
R-3464	207	294	0.55	0.016
R-3465	207	294	2.43	0.071
R-3466	207	294	0.10	0.003
R-3467	207	294	0.09	0.003
R-3468	207	294	0.31	0.009
R-3469	207	294	0.07	0.002
R-3478	207	294	0.14	0.004
R-3479	207	294	0.10	0.003
R-3480	207	294	0.07	0.002
R-3481	207	294	0.41	0.012

CERTIFICATION : A Christ

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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
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To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

Page No. : 2
Tot. Pages: 2
Date : 16-MAR-90
Invoice # : I-9012459
P.O. # :

CERTIFICATE OF ANALYSIS A9012459

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Au oz/T
R-3482	207	294	1.51	0.044
R-3483	207	294	0.27	0.008
R-3484	207	294	3.45	0.101
R-3485	207	294	0.21	0.006
R-3486	207	294	0.55	0.016
R-3487	207	294	0.10	0.003
R-3491	207	294	0.10	0.003
R-3492	207	294	2.68	0.078
R-3493	207	294	0.10	0.003
R-3494	207	294	0.41	0.012
R-3495	207	294	1.47	0.043
R-3496	207	294	0.14	0.004
R-3497	207	294	0.07	0.002
R-3498	207	294	0.10	0.003
R-3499	207	294	0.10	0.003
R-3500	207	294	0.07	0.002
R-3501	207	294	2.23	0.065
R-3502	207	294	0.10	0.003
R-3503	207	294	0.24	0.007
R-3504	207	294	1.89	0.055
R-3505	207	294	8.85	0.258
R-3506	207	294	0.14	0.004
R-3507	207	294	0.07	0.002
R-3508	207	294	0.10	0.003
R-3509	207	294	0.21	0.006
R-3510	207	294	0.24	0.007
R-3511	207	294	0.21	0.006
R-3512	207	294	0.45	0.013
R-3513	207	294	0.89	0.026
R-3514	207	294	2.33	0.068
R-3515	207	294	0.31	0.009
R-3516	207	294	0.14	0.004
R-3517	207	294	0.07	0.002
R-3518	207	294	0.24	0.007
R-3519	207	294	2.40	0.070
R-3520	207	294	2.54	0.074
R-3521	207	294	1.44	0.042
R-3522	207	294	0.10	0.003

CERTIFICATION : D Chrétien

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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9012459

Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

CERTIFICATE A9012459

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 16-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
207	78	Assay pulv. screen -150, roll
294	78	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	78	Au g/tonne: 1 assay ton	FA-GRAVIMETRIC	0.07	500.0
998	78	Au oz/T: 1 assay ton	FA-AAS	0.001	20.00

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9
Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

Date : 16-MAR-90
Invoice # : I-9012469
P.O. # :

CERTIFICATE OF ANALYSIS A9012469

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
3439	205	294	< 0.005	<0.0005
3440	205	294	< 0.005	<0.0005
3441	205	294	0.040	0.0010
3442	205	294	0.060	0.0015
3443	205	294	0.025	0.0030
3444	205	294	0.005	<0.0005
3445	205	294	0.035	0.0010
3446	205	294	< 0.005	<0.0005
3447	205	294	0.010	<0.0005
3448	205	294	0.020	0.0005
3449	205	294	0.035	0.0010
3450	205	294	0.005	<0.0005
3451	205	294	< 0.005	<0.0005
3452	205	294	0.010	<0.0005
3453	205	294	0.010	<0.0005
3454	205	294	0.010	<0.0005
3455	205	294	0.260	0.0075
3456	205	294	0.030	0.0010
3457	205	294	0.025	0.0005
3458	205	294	0.030	0.0010
3459	205	294	0.065	0.0020
3470	205	294	< 0.005	<0.0005
3471	205	294	< 0.005	<0.0005
3472	205	294	< 0.005	<0.0005
3473	205	294	< 0.005	<0.0005
3474	205	294	< 0.005	<0.0005
3475	205	294	< 0.005	<0.0005
3476	205	294	< 0.005	<0.0005
3477	205	294	0.005	<0.0005
3488	205	294	< 0.005	<0.0005
3489	205	294	< 0.005	<0.0005
3490	205	294	0.005	<0.0005
3523	205	294	< 0.005	<0.0005
3524	205	294	0.015	0.0005
3525	205	294	< 0.005	<0.0005
3526	205	294	0.025	0.0005
3527	205	294	0.005	<0.0005
3528	205	294	0.005	<0.0005
3529	205	294	< 0.005	<0.0005
3530	205	294	< 0.005	<0.0005

CERTIFICATION : Jacques Vezina

Laboratoires Chemex Ltée.
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175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

Date : 16-MAR-90
Invoice # : I-9012469
P.O. # :

CERTIFICATE OF ANALYSIS A9012469

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
3531	205	294	< 0.005	<0.0005
3532	205	294	0.160	0.0045
3533	205	294	< 0.005	<0.0005
3534	205	294	0.010	<0.0005
3535	205	294	< 0.005	<0.0005
3536	205	294	0.005	<0.0005
3537	205	294	0.005	<0.0005
3538	205	294	0.010	<0.0005
3539	205	294	0.005	<0.0005
3540	205	294	< 0.005	<0.0005
3541	205	294	0.010	<0.0005
3542	205	294	0.155	0.0045
3543	205	294	0.020	0.0005
3544	205	294	0.010	<0.0005
3545	205	294	0.015	0.0005
3546	205	294	0.035	0.0010
3547	205	294	0.030	0.0010
3548	205	294	0.040	0.0010
3549	205	294	0.015	0.0005
3550	205	294	0.020	0.0005
3551	205	294	0.020	0.0005
3552	205	294	0.030	0.0010
3553	205	294	0.060	0.0015

CERTIFICATION :

Laboratoires Chemex Ltee.
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PHONE (819) 797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9012469

Comments: ATTN: MARC LEGAULT CC: AGNICO-EAGLE MINE

CERTIFICATE A9012469

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 16-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	63	Geochem ring to approx 150 mesh
294	63	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
99	63	Au ppm: Fuse 30 g sample	FA-AAS	0.005	10.00
1200	63	Au OZ/T: Fuse 10 g sample	FA-AAS	0.0005	0.5000

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
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Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 1
Invoice Date: 02-APR-90
Invoice No. : I-9013173
P.O. Number :

Project : JOUTEL
Comments: ATTN:STEFAN LOPATKA CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9013173

SAMPLE DESCRIPTION	PREP CODE	Au FA g/tonne	Wt. + grams	Wt. - grams	Au oz/T
P-1068	268 --	0.21	89.50	291	0.006
P-1069	268 --	0.27	-----	-----	0.008
P-1070	268 --	< 0.07	-----	-----	0.001
P-1071	268 --	< 0.07	-----	-----	< 0.001
P-1072	268 --	0.10	-----	-----	0.003
P-1073	268 --	0.07	-----	-----	0.002
P-1074	268 --	< 0.10	-----	-----	0.001
P-1075	268 --	0.24	-----	-----	0.007
P-3567	268 --	0.07	-----	-----	0.002
P-3568	268 --	0.07	-----	-----	0.002
P-3569	268 --	0.48	8.80	136	0.014
P-3570	268 --	0.10	-----	-----	0.003
P-3571	268 --	0.17	-----	-----	0.005
P-3572	268 --	0.10	-----	-----	0.003
P-3573	268 --	< 0.07	-----	-----	0.001
P-3574	268 --	1.47	-----	-----	0.043
P-3575	268 --	77.90	-----	-----	2.273
P-3576	268 --	5.21	-----	-----	0.152
P-3577	268 --	8.98	-----	-----	0.262
P-3578	268 --	0.07	-----	-----	0.002
P-3579	268 --	0.14	95.00	251	0.004
P-8554	268 --	< 0.07	-----	-----	< 0.001
P-8555	268 --	< 0.07	-----	-----	< 0.001
P-8556	268 --	0.07	-----	-----	0.002
P-8557	268 --	0.07	-----	-----	0.002
P-8558	268 --	0.07	-----	-----	0.002
P-8559	268 --	0.10	-----	-----	0.003
P-8560	268 --	0.07	-----	-----	0.002
P-8561	268 --	< 0.07	-----	-----	< 0.001
P-8562	268 --	0.14	-----	-----	0.004
P-8563	268 --	0.21	5.60	64	0.006
P-8564	268 --	0.14	-----	-----	0.004
P-8565	268 --	< 0.07	-----	-----	< 0.001
P-8566	268 --	< 0.07	-----	-----	< 0.001
P-8571	268 --	0.17	-----	-----	0.005
P-8572	268 --	< 0.07	-----	-----	0.001
P-8573	268 --	< 0.07	-----	-----	< 0.001
P-8574	268 --	< 0.07	-----	-----	0.001
P-8575	268 --	< 0.07	-----	-----	< 0.001

CERTIFICATION : W. Stefanini

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 1
Invoice Date: 02-APR-90
Invoice No. : I-9013175
P.O. Number :

Project : JOUTEL
Comments: ATTN:STEFAN LOPATKA CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9013175

SAMPLE DESCRIPTION	PREP CODE		Au FA g/tonne	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Au oz/T
R-1068	208	294	0.21	< 0.5	5	96	3.35	720	18	14	< 5	24	0.006
R-1069	208	294	0.45	< 0.5	9	78	5.01	1660	2	23	< 5	34	0.013
R-1070	208	294	0.07	< 0.5	12	72	8.58	2360	< 1	23	< 5	76	0.002
R-1071	208	294	< 0.07	< 0.5	14	99	10.25	2980	17	26	< 5	84	< 0.001
R-1072	208	294	0.07	< 0.5	12	105	8.28	2600	2	25	< 5	138	0.002
R-1073	208	294	0.07	< 0.5	14	103	7.20	2930	1	28	< 5	122	0.002
R-1074	208	294	0.07	< 0.5	6	19	1.84	405	1	15	5	44	0.002
R-1075	208	294	0.14	< 0.5	49	549	>15.00	585	79	50	< 5	46	0.004
R-3567	208	294	0.10	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.003
R-3568	208	294	0.21	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.006
R-3569	208	294	0.34	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.010
R-3570	208	294	0.21	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.006
R-3571	208	294	0.14	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.004
R-3572	208	294	0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.002
R-3573	208	294	0.17	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.005
R-3574	208	294	2.16	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.063
R-3575	208	294	63.00	-----	-----	-----	-----	-----	-----	-----	-----	-----	1.836
R-3576	208	294	4.46	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.130
R-3577	208	294	11.60	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.337
R-3578	208	294	0.21	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.006
R-3579	208	294	0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.002
R-8554	208	294	0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.002
R-8555	208	294	0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.002
R-8556	208	294	0.14	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.004
R-8557	208	294	0.10	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.003
R-8558	208	294	0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.002
R-8559	208	294	0.17	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.005
R-8560	208	294	0.10	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.003
R-8561	208	294	< 0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	< 0.001
R-8562	208	294	0.21	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.006
R-8563	208	294	0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.002
R-8564	208	294	0.21	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.006
R-8565	208	294	0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.002
R-8566	208	294	0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.002
R-8571	208	294	< 0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	< 0.001
R-8572	208	294	< 0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	< 0.001
R-8573	208	294	< 0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	< 0.001
R-8574	208	294	< 0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	< 0.001
R-8575	208	294	< 0.07	-----	-----	-----	-----	-----	-----	-----	-----	-----	< 0.001

CERTIFICATION : B. Caughlin

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

Date : 27-MAR-90
Invoice # : I-9012858
P.O. # :

CERTIFICATE OF ANALYSIS A9012858

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
03554	205	294	0.030	0.0010
03555	205	294	0.010	<0.0005
03556	205	294	0.005	<0.0005
03557	205	294	0.020	0.0005
03558	205	294	0.005	<0.0005
03559	205	294	0.010	<0.0005
03560	205	294	0.005	<0.0005
03561	205	294	0.085	0.0025
03562	205	294	0.010	<0.0005
03563	205	294	0.010	<0.0005
03564	205	294	0.010	<0.0005
03565	205	294	0.020	0.0005
03566	205	294	0.020	0.0005
03580	205	294	0.025	0.0010
03581	205	294	0.010	<0.0005
03582	205	294	<0.005	<0.0005
03583	205	294	<0.005	<0.0005
03584	205	294	<0.005	<0.0005
03585	205	294	<0.005	<0.0005
03586	205	294	0.045	0.0015
03587	205	294	0.010	<0.0005
03588	205	294	0.020	0.0005
03589	205	294	0.005	<0.0005
03590	205	294	<0.005	<0.0005
03591	205	294	0.480	0.0140
03592	205	294	0.745	0.0220
03593	205	294	0.015	0.0005
03594	205	294	0.005	<0.0005
03595	205	294	0.005	<0.0005
03596	205	294	<0.005	<0.0005
03597	205	294	0.010	<0.0005
03598	205	294	0.015	0.0005
03599	205	294	0.010	<0.0005
03600	205	294	0.015	0.0005
03601	205	294	0.005	<0.0005
03602	205	294	<0.005	<0.0005
03603	205	294	0.005	<0.0005
03604	205	294	<0.005	<0.0005
03605	205	294	<0.005	<0.0005
03606	205	294	<0.005	<0.0005

CERTIFICATION : Marc Vezza

Laboratoires Chemex Ltée.
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175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
QUEBEC, CANADA J9X-5C3
PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION

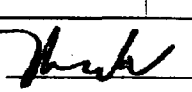
765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

Date : 27-MAR-90
Invoice # : I-9012858
P.O. # :

CERTIFICATE OF ANALYSIS A9012858

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
03607	205	294	0.015	0.0005
03608	205	294	< 0.005	<0.0005
03609	205	294	0.005	<0.0005
03610	205	294	< 0.005	<0.0005
03611	205	294	< 0.005	<0.0005
03612	205	294	0.025	0.0010
03613	205	294	0.010	<0.0005
03614	205	294	0.005	<0.0005
03615	205	294	< 0.005	<0.0005
03616	205	294	0.005	<0.0005
03617	205	294	0.040	0.0015
03618	205	294	0.010	<0.0005
03619	205	294	0.015	0.0005
03620	205	294	0.040	0.0015
03621	205	294	0.010	<0.0005
03622	205	294	0.015	0.0005
03623	205	294	0.055	0.0015
03624	205	294	0.030	0.0010
03625	205	294	0.170	0.0050
03626	205	294	0.030	0.0010
03627	205	294	0.020	0.0005
03628	205	294	0.030	0.0010
03629	205	294	0.010	<0.0005
03630	205	294	0.005	<0.0005
03631	205	294	0.010	<0.0005
03632	205	294	0.020	0.0005

CERTIFICATION : 

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To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9012858

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE A9012858

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 27-MAR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	66	Geochem ring to approx 150 mesh
294	66	Crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
99	66	Au ppm: Fuse [illegible] sample	FA-AAS	0.005	10.00
1200	66	Au OZ/T: Fuse 10 g sample	FA-AAS	0.0005	0.5000

Charge 90-01-03

90-4-04

Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Page Number : 1
Total Pages : 2
Invoice Date: 02-APR-90
Invoice No. : I-9013228
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9013228

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
03633	205	294	0.045	0.0015
03634	205	294	0.015	0.0005
03635	205	294	0.020	0.0005
03636	205	294	0.030	0.0010
03637	205	294	0.005	<0.0005
03638	205	294	< 0.005	<0.0005
03639	205	294	< 0.005	<0.0005
03640	205	294	0.030	0.0010
03641	205	294	< 0.005	<0.0005
03642	205	294	0.005	<0.0005
03643	205	294	< 0.005	<0.0005
03644	205	294	0.025	0.0010
03645	205	294	0.030	0.0010
03646	205	294	0.005	<0.0005
03647	205	294	0.045	0.0015
03648	205	294	0.020	0.0005
03649	205	294	0.010	<0.0005
03650	205	294	0.015	0.0005
03651	205	294	0.005	<0.0005
03652	205	294	< 0.005	<0.0005
03653	205	294	0.010	<0.0005
03654	205	294	< 0.005	<0.0005
03655	205	294	< 0.005	<0.0005
03656	205	294	0.010	<0.0005
03657	205	294	0.005	<0.0005
03658	205	294	0.005	<0.0005
03659	205	294	< 0.005	<0.0005
03660	205	294	< 0.005	<0.0005
03661	205	294	0.005	<0.0005
03662	205	294	0.010	<0.0005
03663	205	294	0.005	<0.0005
03664	205	294	0.005	<0.0005
03665	205	294	0.010	<0.0005
03666	205	294	0.020	0.0005
03667	205	294	1.740	0.0510
03668	205	294	0.050	0.0015
03669	205	294	0.050	0.0015
03670	205	294	3.82	0.1115
03671	205	294	0.020	0.0005
03672	205	294	0.005	<0.0005

CERTIFICATION : _____

Laboratoires Chemex Ltee.

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175 Boul, Industriel C.P. 284, Rouyn,
Quebec, Canada J9X 5C3
PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Invoice Date: 02-APR-90
Invoice No. : I-9013228
P.O. Number :

Project : VEZZA
Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE OF ANALYSIS A9013228

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA								
03673	205	294	0.020	0.0005								
03674	205	294	0.025	0.0010								
03675	205	294	0.020	0.0005								
03676	205	294	0.030	0.0010								
03677	205	294	0.015	0.0005								
03678	205	294	0.005	<0.0005								
03679	205	294	< 0.005	<0.0005								
03680	205	294	0.060	0.0020								
03681	205	294	0.005	<0.0005								

CERTIFICATION : _____

Laboratoires Chemex Ltee.

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175 Boul, Industriel C.P. 284, Rouyn,
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PHONE: 819-797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9013228

Comments: ATTN:MARC LEGAULT CC:FAX MINE CC:AGNICO-EAGLE MINE

CERTIFICATE A9013228

AGNICO-EAGLE DIVISION EXPLORATION

Project: VEZZA
P.O. # :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 2-APR-90.

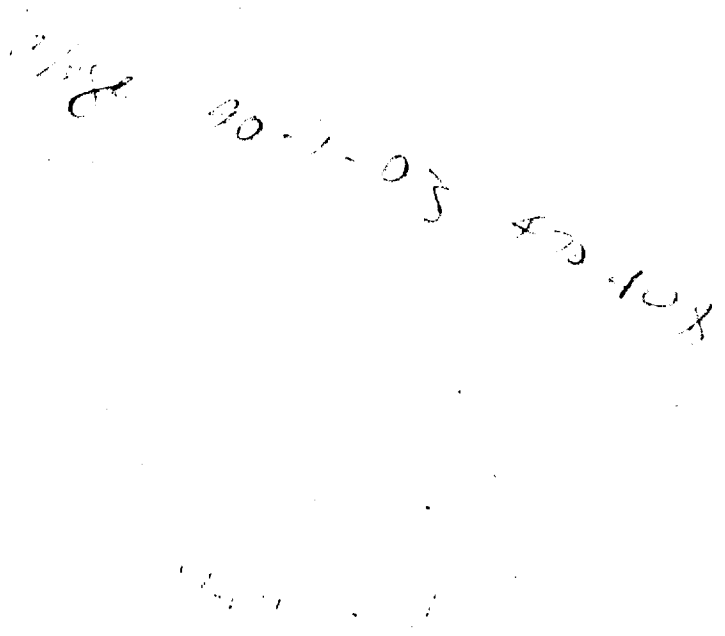
SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	49	Geochem ring to approx 150 mesh
294	49	Crush and split (0-10 pounds)

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
99	49	Au ppm: Fuse 30 g sample	FA-AAS	0.005	10.00
1200	49	Au OZ/T: Fuse 10 g sample	FA-AAS	0.0005	0.5000

90-A-152 = 11
90-A-153 = 16
90-A-154 = 22



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 BOUL. INDUSTRIEL C.P. 284, ROUYN, QUEBEC, CANADA J9X-5C3

PHONE (819) 797-1922

To : AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

Project : VEZZA

Comments: ATTN:MARC LEGAULT CC:STUART FRANKLAND CC:FAX CC:A-E MINE

Date : 09-APR-90

Invoice # : I-9013581

P.O. # :

CERTIFICATE OF ANALYSIS A9013581

SAMPLE DESCRIPTION	PREP CODE		Au ppm FA+AA	Au OZ/T FA+AA
3724	205	294	< 0.005	<0.0005
3725	205	294	< 0.005	<0.0005
3726	205	294	< 0.005	<0.0005
3727	205	294	< 0.005	<0.0005
3728	205	294	< 0.005	<0.0005
3729	205	294	0.005	<0.0005
3730	205	294	0.080	0.0025
3731	205	294	0.050	0.0015
3732	205	294	0.010	<0.0005
3733	205	294	0.020	0.0005
3734	205	294	0.190	0.0050
3735	205	294	0.110	0.0030
3736	205	294	0.740	0.0215
3737	205	294	0.135	0.0040
3738	205	294	0.165	0.0045
3739	205	294	0.060	0.0015
3740	205	294	< 0.005	<0.0005
3741	205	294	0.010	<0.0005
3742	205	294	< 0.005	<0.0005
3743	205	294	< 0.005	<0.0005
3744	205	294	0.010	<0.0005
3745	205	294	0.005	<0.0005
3746	205	294	0.035	0.0010
3747	205	294	< 0.005	<0.0005
3748	205	294	< 0.005	<0.0005
3749	205	294	< 0.005	<0.0005
3750	205	294	< 0.005	<0.0005
3751	205	294	< 0.005	<0.0005
3752	205	294	0.010	<0.0005
3753	205	294	0.030	0.0010
3754	205	294	0.880	0.0255
3755	205	294	0.045	0.0015
3756	205	294	0.005	<0.0005
3757	205	294	0.005	<0.0005
3758	205	294	1.140	0.0330
3759	205	294	0.635	0.0185
3760	205	294	0.020	0.0005
3761	205	294	0.010	<0.0005
3762	205	294	0.015	0.0005
3763	205	294	0.005	<0.0005

CERTIFICATION : Marc Vinh

Laboratoires Chemex Ltée.
Essayeurs * Geochimistes * Chimistes Analytique
175 BOUL. INDUSTRIEL C.P. 284, ROUYN,
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PHONE (819) 797-1922

To: AGNICO-EAGLE DIVISION EXPLORATION

765 CHEMIN DE LA MINE GOLDEX, C.P. 87
VAL D'OR, PQ
J9P 4N9

A9013581

Comments: ATTN:MARC LEGAULT CC:STUART FRANKLAND CC:FAX CC:A-E MINE

CERTIFICATE A9013581

AGNICO-EAGLE DIVISION EXPLORATION
PROJECT : VEZZA
P.O.# :

Samples submitted to our lab in Rouyn, PQ.
This report was printed on 9-APR-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	104	Geochem ring to approx 150 mesh
294	104	Crush and split (0-10 pounds)

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
99	104	Au ppm: Fuse 30 g sample	FA-AAS	0.005	10.00
1200	104	Au OZ/T: Fuse 10 g sample	FA-AAS	0.0005	0.5000

90A 155 = 15
90VZA-10 = 9
90VO-1 = ~~14~~ 37 ✓
90VZA-12 = 20
90VZA-13 = 8
90VZA-15 = 5
90VZA-14 = 6