GM 34120

PROJET DE FORAGE GUYER ET YASINSKI

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Énergie et Ressources naturelles

Québec

NI-320

PROJET DE FORAGE GUYER
(ET YASINSKI)

du 20 janvier 1976 au 24 mars 1976

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date: 9 MAI 1978
No GM: 34120

B.W. OAKES

PERSONNEL

Ingénieur responsable:	B.W. Oakes
Assistant:	L. Lavoie
Compagnie de forage:	Les Forages Dominik Ltée 53, rue Allard Val d'Or, Québec
Contremaître:	M. Rouillier
Surveillant de terrain:	R. Dumais
Foreurs:	A. Dumais G. Fiset R. Hétu G. Lafond G. Thelend H. Trudel
Aides:	J.-P. Dorion G. Gilbert G. Gravel G. Grignon D. Lacharité P. Savard
Cuisinier:	S. Lafrance
Aide de camp:	A. Simard

PREAMBULE

Le programme de forage était localisé le long d'une bande de roches vertes au sud du lac Guyer concentrée à 15 milles approximativement à l'ouest du camp Corvette.

Les cibles de forage avaient déjà été localisées par un relevé géophysique au sol.

Deux foreuses ont été utilisées et 6,880 pieds de forage ont été complétés dans 23 trous (22 à Guyer et 1 à Yasinski). La profondeur moyenne des trous était de 250 à 300 pieds.

Le programme a commencé à la fin de janvier et s'est terminé dans la dernière semaine de mars 1976.

Tous les conducteurs ont été expliqués mais aucune minéralisation économique n'a été rencontrée.

LOCALISATION

Le camp principal était établi 15 milles à l'ouest du camp Corvette (SEBJ), du côté sud du chemin. Ce camp était utilisé par le personnel surveillant de SES et par les foreurs de la foreuse no 3. Un autre camp, à l'usage des foreurs de la foreuse no 2 était établi 8 milles au sud-ouest de Corvette au début du programme et a été relocalisé plus tard 3 milles au nord du Mont Wallace.

TRANSPORT

Avion de Montréal ou Québec à la piste LG-2

Camionnette louée de Location Rivière La Grande

Moto-neige Inuvik 340 po.cu.

Raquettes

STATISTIQUE

Programme Guyer, commencé le 20 janvier 1976, s'est terminé à Yasinski le 24 mars 1976.

Nombre de trous complétés:	Guyer:	22
	Yasinski:	1

Trou abandonné: 1 76-23

Nombre de foreuses: 2

Type de carottes: AQ

Cheminement de la foreuse (voir annexe 1 pour détails)	Guyer	192,690 pi. dans bois 25 milles sur chemin
	Yasinski	2,700 pi. dans bois 128 milles sur chemin
	Total	195,390 pi. dans bois 153 milles sur chemin
Total de pieds forés	Guyer	6,680 pieds
	Yasinski	200 pieds
	Total	6,880 pieds
Tubage laissé dans le trou:	29 pieds	type AQ
	40 pieds	type AW
	40 pieds	type NX
	un tricone	type 2 15/16

Pour la profondeur du tubage et la longueur de la ligne d'eau, voir annexe 2.

MINERALISATION

Location Guyer

. Trou 76-1

103 à 112.9	Quartzite rubanné à biotite avec pyrite et pyrrhotine disséminées et veinules de 1/4" et deux veines de 3/4" à 106. Analyse: 2 pi. Cu 0.01%, Ni 0.01%, Ag 0.05 oz/t, Au 0.02 oz/t.
139.8 à 140.1	4.5 po. de pyrite massive avec des veinules minces de pyrrhotine dans une matrice quartzeuse très broyée. Analyse: 5 po. Cu 0.01%, Ni 0.02%, Ag 0.32 oz/t, Au 0.02 oz/t.
140 à 142	Argile noire pyriteuse et de silt. Pyrite colliforme et cubique.
148.3 à 176.8	Schiste talceux avec pyrrhotine disséminée. Analyse: 5 po. Cu trace, Ni 0.08%, Ag 0.02oz/t, Au trace
225.6 à 226	Schiste à chlorite avec pyrite et pyrrhotine disséminées dans des lentilles clastiques de grain grossier avec carbonate.
226 à 226.5	Schiste à chlorite avec pyrite et pyrrhotine massive et dans des veinules minces, 0.1 po. ou moins Analyse: 5 po. Cu, 0.05%, Ni 0.01%, Ag 0.04 oz/t, Au 0.01 oz/t.
226.5 à 253.4	Schiste à chlorite avec bandes riches en épidote de grain grossier à 5 po. et de carbonate. Pyrite et pyrrhotine remplissent des fractures en forme de taches, associé à du carbonate. Aussi le sulfure est disséminé dans les zones riches en épidote. Analyse: 3 po. Cu 0.06%, Ni 0.02%, Ag 0.05 oz/t, Au 0.01 oz/t 3 po. Cu 0.06%, Ni 0.01%, Ag 0.04 oz/t, Au 0.01 oz/t
254 à 284.3	Tuf chloriteux avec de la pyrite et de la pyrrhotine disséminées dans toute la section et dans de minces bandes.
284.3 à 284.6	Tuf acide avec pyrite dans des bandes massives, moins de 0.1 po. à 3 po. Analyse: 3 po. Ag 0.02 oz/tonne

. Trou 76-2

39.3 à 49	Porphyre à quartz, fedlspath avec pyrite disséminée associée à des zones de forte chloritisation sur 2 po. à 4 po. Sulfure moins de 1%.
53.9 à 55.9	Quartzite à mica avec 1% de pyrite.
87.5 à 90.3	Metaquartzite à biotite avec pyrite à 1%.
95.6 à 96.8	Volcanique intermédiaire avec pyrite localement développée à 2% disséminée.

169.0 à 169.4	Quartzite avec pyrite massive à 98% sulfure en bandes parallèles au litage. Analyse: 5 po. Ag 0.02 oz/t, Au trace
169.9 à 171.7	Argile avec des bandes de pyrite à 5 po. massive. Analyse: 1 pi. 8 po. Ag 0.02 oz/t, Au trace
203.5 à 204.1	Métasédiment à quartz, feldspath avec des bandes minces de chlorito-schiste et de pyrite disséminée à 6%.
257.5 à 259.5	Métaquartzite avec pyrite lité en bandes 0.3 po. à 0.5 po. Analyse: 2 pi. Ag 0.01 oz/t, Au trace

. Trou 76-3

84.5 à 83.5	Métavolcanosédimentaire à grenat, silicifié et chloriteux avec pyrite et arsenopyrite disséminées. Analyse: 3 po. Ag 0.04 oz/t, Au 0.02 oz/t.
86.5 à 86.6	1 po. de sulfure massive d'arsenopyrite et de pyrite. Analyse: 1 po. Cu 0.05%, Ni 0.03%, Ag 0.04 oz/t, Au 0.02 oz/t.
178.5 à 179.1	Tuf chloriteux brèché avec pyrrhotine massive à 2 po. et peu de pyrite. Sulfure à 50%.

. Trou 76-4

147.5 à 147.6	Schiste à chlorite avec 30% de pyrrhotine.
147.6 à 147.9	Schiste à chlorite avec 15% de pyrrhotine.
178.5	Veine de quartz d'un pouce avec ----pyrite Analyse 1 po. Ag trace
179.5 à 182.3	Zone silicifiée et de quartz massif avec 10% sulfure, pyrite et pyrrhotine. Analyse: 2 pi. 8 po. Cu 0.01%, Ni 0.01%, Ag trace, Au 0.02 oz/t.
186.5 à 188.0	Graphite avec des veinules de pyrite et de pyrrhotine.
188.0 à 191.5	Chlorito-schiste avec de la pyrite dans des lentilles et du graphite variable.
199	4 po. de pyrrhotine massive.

. Trou 76-5

146.6 à 147.6	Métasédiment avec pyrite et pyrrhotine à 20%. Analyse 1pi. Cu 0.02%, Ni 0.02%, Ag 0.01 oz/t, Au trace
150.5 à 151.7	Métasédiment avec des bandes de biotite et de pyrite et pyrrhotine massive dans veinules à 3/4 po. Sulfure à 15%. Analyse 1 pi. 2 po. Cu 0.02 oz, Ni 0.03 oz, Ag trace, Au trace.
166.3 à 166.7	Métasédiment avec 10% de pyrite et de pyrrhotine dans des veinules. Analyse 3 po. Cu 0.02%, Ni 0.03%, Ag trace, Au trace.
232.4 à 233.0	Métasédiment avec des veinules de pyrite et de pyrrhotine. Analyse 8 po. Cu 0.02 oz, Ni 0.02 oz, Ag trace, Au trace.

. Trou 76-6

115 à 116	Tuf intermédiaire à grenat avec pyrite, pyrrhotine et trace de chalcopyrite dans des veinules, moins de 1% sulfure, mais peut être massive à 1/2 po.
156.8 à 191.5	Tuf acide avec pyrite et pyrrhotine dans des taches et des grains de magnétite et traces de chalcopyrite.
156.8 à 170	Tuf acide, forte minéralisation de 20% sulfure avec pyrite et pyrrhotine dans veinules. Analyse: 6 pi. Cu 0.03 oz, Ni 0.01 oz, Ag 0.02 oz/t, Au trace.

. Trou 76-7

181.3 à 183.1	Tuf intermédiaire à basique avec des veines de pyrite et pyrrhotine. Analyse: 6 po. Cu 0.04%, Ni 0.02%, Ag trace, Au 0.01 oz/t.
209 à 209.2	Veine de quartz avec pyrite. Analyse: 9 po. Ag trace, Au trace
268.2 à 268.7	Veine de quartz avec pyrite. Analyse: 6 po. Ag o.04 oz/t, Au trace

. Trou 76-8

166 à 168	Volcanique intermédiaire avec pyrite dans veinules à 10% sulfure. Analyse: 2 pi. Cu 0.04%, Ni 0.03%, Ag 0.02 oz/t, Au trace.

. Trou 76-9

82.8 à 84.5	Tuf intermédiaire avec pyrite et pyrrhotine dans des veinules à 15% sulfure. Analyse: 1 pi. 7 po. Cu nil, Ni trace, Ag trace, Au nil
86 à 86.4	Tuf intermédiaire avec des veinules de pyrite et pyrrhotine à 15% sulfure. Analyse: 5 po. Cu nil, Ni 0.01%, Ag trace, Au trace.
87.0 à 87.8	Tuf intermédiaire avec des veinules de pyrite et de pyrrhotine à 20% sulfure. Analyse: 8 po. Cu 0.01%, Ni 0.02%, Ag trace, Au trace.
89.2 à 89.9	Tuf intermédiaire avec des veinules de pyrite et de pyrrhotine à 45% sulfure. Analyse: 9 po. Cu trace, Ni 0.01%, Ag trace, Au trace.

. Trou 76-10

85.8 à 87.5	Chlorito-schiste avec pyrite disséminée et traces d'arsenopyrite. Analyse: 4pi.5po. Cu nil, Ag trace, Au trace.
119.3	2 po. de zone fracturée dans un métatuf acide avec des fractures pleines de pyrrhotine et de chalcopyrite.
180.5 à 182.1	Tuf acide avec 30% sulfure de pyrrhotine, de pyrite et de chalcopyrite dans les fractures et massive, de 1 po. à 2 po. avec des veinules à 0.2 po. Analyse: 1 pi. 4 po. Cu 0.11%, Ni 0.03%, Ag 0.02 oz/t, Au trace
182.1 à 186.4	Volcanosédimentaire chloritisé avec des veinules de pyrrhotine et de pyrite à 1% sulfure.
195.9 à 196.4	Tuf acide avec des veinules de pyrrhotine et de pyrite aussi dans une veine massive de 2 po. 1% sulfure.

. Trou 76-11

146.9 à 151.6	Métasédiment graphiteux finement lamineux avec de la pyrrhotine et de la pyrite mineure en forme de veinules et disséminée. 1% à 5% sulfure variable.
151.6 à 156.3	Métasédiment graphiteux avec 5% de sulfure de pyrrhotine dans taches et dans veinules.

170.3 à 173.1	Métasédiment graphiteux avec pyrrhotine dans veinules à 0.1 po.
221.4 à 239.6	Métasédiment graphiteux avec pyrrhotine et pyrite à 10% sulfure qui rempli les fractures, est massive et est dans des veinules. Analyse: 4pi. 7 po. Cu 0.04%, Ni 0.02%, Ag trace, Au trace.
239.6 à 262	Métasédiment graphiteux avec pyrite et pyrrhotine disséminées et dans des veinules à 10%.
557.6 à 592.1	Métasédiment graphiteux.

. Trou 76-12

55.4 à 66.9	Métasédiment graphiteux avec des veinules de pyrrhotine et de pyrite qui font le plein des fractures aussi peut-être massive à 1/2 po.
84.0 à 89.2	Métasédiment graphiteux avec pyrrhotine dans veinules et disséminée associée à du quartz-carbonate. Analyse: 2 pi. Ag trace, Au trace.
119.1 à 144.4	Métasédiment graphiteux avec des veinules de pyrrhotine et de pyrite associé avec du graphite et des veines de quartz-carbonate. Sulfure peut-être massive de 2 po. à 3 po. mais représente seulement 1%. Analyse: 4 pi. Cu 0.02%, Ni 0.01%, Ag 0.02 oz/t, Au trace.
186.4 à 216.8	Métasédiment graphiteux avec pyrrhotine et pyrite disséminée et dans veinules associé avec quartz-carbonate et graphite. Pourcentage de sulfure est variable de moins 1% à 15% dans 6 po. et dans veines à 1/4 po.
230.1 à 242.0	Métasédiment graphiteux avec pyrrhotine et pyrite dans taches et veinules associées avec du graphite et du quartz-carbonate. Sulfure à 20%.
295.7 à 296.6	Zone fortement graphiteuse avec pyrite et pyrrhotine massive à 15% sulfure.

. Trou 76-13

196.4 à 200.5	Métasédiment avec des bandes de graphite massive de 1 po. à 13 po.

. Trou 76-14

135.0 à 144.0	Tuf intermédiaire à basique avec des veinules de pyrrhotine. Analyse: 2 pi. 7 po. Cu 0.01%, Ni 0.02%, Ag trace, Au trace. Analyse: 4 pi. Cu 0.03%, Ni 0.03%, Ag 0.01 oz/t, Au trace. Analyse: 10 po. Cu trace, Ni 0.01%, Ag 0.01 oz/t, Au trace.

165.6 à 246.9	Formation de fer rubannée à magnétite. Analyse 5 pi Cu trace, Ni 0.01%, Ag trace, Au trace

. Trou 76-15

65.6 à 67	Métasédiment avec des veinules de pyrite, de pyrrhotine et des traces de chalcopyrite. 30% sulfure. Analyse: 1 pi. 11 po. Cu 0.03%, Ni 0.04%, Ag 0.02 oz/t Au trace.
70 à 70.8	Métasédiment graphiteux avec 5% de pyrite.
103.6 à 105	Métasédiment avec 10% de pyrrhotine et 2% de carbonate.
221.2 à 227.5	Graphite, quartzite et des volcaniques intermédiaires toutes interstratifiés. Sulfure est disséminée et est dans l'ordre de 20%.
230.8 à 234.3	Graphite, quartzite et des volcaniques intermédiaires toutes interstratifiées avec 4% de pyrrhotine disséminée.

. Trou 76-16

237.8 à 238.6	Métasédiment à biotite et chlorite avec 7% de pyrrhotine massive et dans des veinules. Analyse: 8 po. Cu 0.13%, Ni 0.02%, Ag 0.04 oz/t, Au trace.

. Trou 76-17

124.1 à 124.4	Veine de quartz massive avec pyrite disséminée. Analyse 2 po. Ag 0.08 oz/t, Au 0.01 oz/t.
177.1	2 po. de tuf basique avec pyrrhotine et pyrite dans des veines à 1/4 po.
185.6 à 188.6	Tuf intermédiaire et métavolcanosédimentaires chloritisés avec des taches massives et des veinules de pyrite et de pyrrhotine à 3/4 po. d'épaisseur. Analyse 3 pi. 10 po. Cu 0.02%, Ni 0.01%, Ag 0.02 oz/t, Au 0.01 oz/t.
188.6 à 195.1	Quartzite de grain très fin ou tuf acide avec pyrite et pyrrhotine massive et dans des veines à 1/4 po. aussi disséminé. Sulfure à 20%. Analyse: 11 po. Cu trace, Ni 0.01%, Ag trace, Au trace.

. Trou 76-18

196.9 à 197.0	Métasédiment avec des veinules de pyrite et de pyrrhotine à 2% et des traces de magnétite.
201.7 à 202.4	Zone minéralisée dans tuf intermédiaire avec pyrite et pyrrhotine et possiblement arsénopyrite. Sulfure à 13%. Ce tuf contient du grenat porphyroblastique. Analyse: 8 po. Cu 0.01%, Ni 0.04%, Ag 0.05 oz/t, Au 0.02 oz/t.
217.0 à 226.0	Graphite avec pyrite et pyrrhotine mineure, disséminée.
232 à 255.2	Graphite dans un métasédiment avec pyrite et pyrrhotine disséminée associée avec du graphite.

. Trou 76-19

129.7 à 138	Métasédiment graphiteux avec des taches et des veinules de pyrrhotine et de pyrite, 15% sulfure. Analyse: 8 pi. 3 po. Cu 0.04%, Ni 0.01%, Ag 0.02 oz/t, Au nil
280.2 à 290.5	Tuf acide avec des veinules de pyrrhotine et de pyrite aussi disséminée.
283.2 à 284.1	Métasédiment graphiteux.
316.5 à 319.2	Tuf acide avec pyrrhotine et pyrite mineure qui fait le plein des fractures et est dans des veinules. 5% sulfure. Analyse: 2 pi. 7 po. Cu 0.02%, Ni 0.01%, Ag trace, Au trace.

. Trou 76-20

86.8 à 87.2	Métasédiments avec des veinules de pyrrhotine qui aussi remplit les fractures.
197.2 à 211.1	Métasédiment graphiteux avec des taches et des veinules de pyrite et de pyrrhotine à 3% sulfure. Analyse: 2 pi. 3 po. Cu nil, Ag trace, Au trace.

. Trou 76-21

152.5 à 157.5	Tuf intermédiaire avec des bandes massives de 1/4 po.de pyrrhotine et de pyrite à 20% sulfure. Analyse: 5 pi. 9 po. Cu trace, Ni trace, Au trace, Ag trace.

157.5 à 160.9	Tuf acide avec pyrrhotine et pyrite qui remplit les fractures à 3 po. et dans veinules. Sulfure à 20%.
172.2 à 183.3	Métasédiment graphiteux avec pyrrhotine et pyrite dans des veinules parallèles ou qui coupent le litage. Sulfure à 15%.
173.2 à 179.5	Zone minéralisée dans un métasédiment graphiteux avec des veinules et massive à 2 po. d'épaisseur.
202 à 203.1	Zone silicifiée dans un tuf intermédiaire avec pyrite dans des veinules. Analyse: 1 pi. 6 po. Ag trace, Au trace.
225.1 à 226	Tuf intermédiaire fortement épidotisé et silicifié avec pyrrhotine et pyrite qui remplissent les fractures. Analyse 10 po. Ag trace, Au trace.

. Trou 76-22

87.1 à 135.6	Ultrabasique serpentinisé avec des veines d'amiante à 1 po. Analyse 5 pi Ni 0.16%, S 0.15%
187.0 à 189.0	Quartzite silicifié et épidotisé avec pyrite et pyrrhotine mineure disséminée dans des veinules et massive à 2 po. Sulfure à 20%. Analyse: 2 pi Cu 0.02%, Ni 0.01%, Ag trace, Au trace.
193.9 à 198.9	Volcanique acide fortement épidotisée avec pyrite et pyrrhotine mineure qui remplit des fractures et est dans des veinules. Analyse: 4 pi. 6 po. Cu 0.01%, Ni 0.01%, Ag trace, Au nil.

Location Yasinski

. Trou 76-1

100.4 à 103.3	Métasédiment graphiteux avec pyrite et pyrrhotine mineure disséminée et dans des veinules et des traces de galène.
105.6 à 106.4	Tuf basique avec des veinules de pyrite et de chalcopyrite mineure. Sulfure à 25%.

114.5 à 123.6	Métasédiment avec des veinules de pyrrhotine et de pyrite et des traces de chalcopyrite aussi de galène très fin et disséminé. Sulfure à 25%. Analyse 5 pi. Cu 0.05%, Ni 0.02%, Pb 0.02%, Zn 0.01%, Ag 0.02 oz/t Au trace.
123.6 à 125.5	Tuf chloriteux avec des veinules de pyrrhotine et de pyrite à 10% sulfure.
130.9	1 po. de pyrrhotine dans des veinules.
138 à 139	Tuf acide avec des veinules de pyrrhotine, de galène et possiblement de sphalerite à 30% sulfure. Analyse 1 pi. Ni 0.04%, Pb 0.66%, Zn 0.50%, Ag 0.08 oz/t, Au trace.
175.7 à 176.1	Chloritoschiste avec pyrite disséminée à 25%.
176.1 à 180.5	Métasédiment graphiteux avec des veinules à 0.1 po. de pyrite et de chalcopyrite et possiblement de galène. Analyse: 2 pi. 6 po. Cu 0.04%, Ni 0.03%, Pb 0.01%, Ag 0.02 oz/t, Au trace.

VALEURS D'ANALYSES PROJET GUYER 1976.

TROU No.	ECHANTILLON No.	ANALYSES Cu %	Pb %	Zn %	Ni %	Ag oz/ton	Au oz/ton	Profondeur De	À	Epaisseur
76-1	F-1	0.01	P/A	P/A	0.01	0.05	0.02	106.0	106.1	2"
76-1	F-2	0.01	"	"	0.02	0.32	0.02	139.8	140.1	5"
76-1	F-3	Trace	"	"	0.08	0.02	Trace	154.0	154.4	5"
76-1	F-4	0.05	"	"	0.01	0.04	0.01	225.6	226.0	5"
76-1	F-5	0.06	"	"	0.02	0.05	0.01	226.1	226.3	3"
76-1	F-6	0.06	"	"	0.01	0.04	0.01	252.3	252.5	3"
76-1	F-7	P/A	"	"	"	0.02	P/A	284.3	284.6	3"
76-2	F-8	"	"	"	"	0.02	Trace	169.0	169.4	5"
76-2	F-9	"	"	"	"	0.02	Trace	169.9	171.6	1'8"
76-2	F-13	"	"	"	"	0.01	Trace	257.5	259.5	2'
76-3	F-15	"	"	"	"	0.04	0.02	83.3	83.5	3"
76-3	F-16	0.05	"	"	0.03	0.04	0.02	86.5	86.6	1"
76-3	F-17	0.01	"	"	0.01	0.04	0.01	178.0	179.5	1'5"
76-4	F-18	P/A	"	"	P/A	P/A	Trace	178.5	178.1	1"
76-4	F-19	0.01	"	"	0.01	0.02	Trace	179.5	182.3	2'8"
76-5	F-24	0.02	"	"	0.02	0.01	Trace	146.6	147.6	1'
76-5	F-25	0.02	"	"	0.03	Trace	Trace	150.5	151.7	1'2"
76-5	F-26	0.02	"	"	0.03	Trace	Trace	166.3	166.7	3"
76-5	F-27	0.02	"	"	0.02	Trace	Trace	232.4	233.0	8"
76-6	F-49	0.03	"	"	0.01	0.02	Trace	160.5	166.5	6'
76-7	F-36	0.04	"	"	0.02	Trace	0.01	182.5	183.1	6'
76-7	F-37	P/A	"	"	P/A	Trace	Trace	257.8	258.6	10"
76-7	F-38	"	"	"	"	0.04	Trace	268.2	268.7	6"
76-8	F-41	0.04	"	"	0.03	0.02	Trace	166.0	168.0	2'
76-9	F-42	Nil	"	"	Trace	Trace	Nil	82.8	84.5	1'7"
76-9	F-43	Nil	"	"	0.01	Trace	Trace	86.0	86.4	5"
76-9	F-45	Trace	"	"	0.01	Trace	Trace	87.0	87.8	9"
76-9	F-44	0.01	"	"	0.02	Trace	Trace	89.2	89.9	8"
76-10	F-47	Nil	"	"	P/A	Trace	Trace	85.8	90.3	4'5"
76-10	F-48	0.11	"	"	0.03	0.02	Trace	180.5	182.1	1'4"
76-11	F-106	0.04	"	"	0.02	Trace	Trace	234.9	239.4	4'7"
76-12	F-107	P/A	"	"	P/A	Trace	Trace	74.6	76.5	2'
76-12	F-108	0.02	"	"	0.01	0.02	Trace	138.0	142.0	4'
76-14	F-29	0.01	"	"	0.02	Trace	Trace	135.0	137.8	2'7"
76-14	F-33	0.03	"	"	0.03	0.01	Trace	138.2	143.2	4"
76-14	F-34	Trace	"	"	0.01	0.01	Trace	143.2	144.0	10"
76-14	F-35	Trace	"	"	0.01	Trace	Trace	235.0	240.0	5'

TROU No.	ECHANTILLON No.	ANALYSES Cu %	Pb %	Zn %	Ni %	Ag oz/tc	Au oz/tc	Profondeur De	À	Epaisseur
76-15	F-14	0.03	P/A	P/A	0.04	0.02	Trace	64.3	66.1	1'11"
76-16	F-20	0.13	"	"	0.02	0.04	Trace	237.8	238.6	8"
76-17	F-23	P/A	"	"	P/A	0.08	0.01	124.1	124.4	2"
76-17	F-21	0.02	"	"	0.01	0.02	0.01	185.6	190.5	3'10"
76-17	F-22	Trace	"	"	0.01	Trace	Trace	191.1	192.0	11"
76-18	F-28	0.01	"	"	0.04	0.05	0.02	201.7	202.4	8"
76-19	F-39	0.04	"	"	0.01	0.02	Nil	129.7	137.7	8'3"
76-19	F-40	0.02	"	"	0.01	Trace	Trace	316.5	319.2	2'7"
76-20	F-46	0.02	"	"	0.01	0.02	Nil	201.1	203.4	2'3"
76-21	F-103	Trace	"	"	Trace	Trace	Trace	155.0	160.9	5'9"
76-21	F-104	P/A	"	"	P/A	Trace	Trace	201.5	203.0	1'6"
76-21	F-105	"	"	"	"	Trace	Trace	225.1	226.0	10"
76-22	F-101	0.02	"	"	0.01	Trace	Trace	187.0	189.0	2'
76-22	F-102	0.01	"	"	0.01	Trace	Nil	193.9	198.5	4'6"
76-22	F-50	Analyse de roche ultrabasique			0.16			956	100.7	5'
		YASINSKI								
76-1	F-109	0.05	0.02	0.01	0.02	0.02	Trace	115.0	120.0	5'
76-1	F-110	P/A	0.66	0.50	0.04	0.08	Trace	138.0	139.0	1'
76-1	F-111	0.04	0.01	P/A	0.03	0.02	Trace	177.5	180.0	2'6"

PROJET GUYER.

TROU Nos	FOREUR No.	GRILLE	LOCALISATION LAT.	LOCALISATION LONG.	COMMENCÉ	FINI	AZ	INCL.	TUBAGE	LIGNE À L'EAU	PROFONDEUR	CHEMINEMENT DE	CHEMINEMENT À	CHEMINEMENT DISTANCE
76-1	2	3396-10	16+50S	6+00E	28-01-76	30-01-76	180°	-50°	86'pi	900pi	300pi			mobilisation.
76-2	2	3396-10	4+50S	14+00E	01-02-76	03-02-76	180°	-50°	38pi	600pi	300pi	76-1	76-2	1750pi(bois)
76-3	2	3396-8	12+75N	12+00W	06-02-76	08-02-76	180°	-60°	58pi	2700pi	300pi	76-2	76-3	6500pi(bois)
76-4	2	3397-1	10+70N	5+00W	10-02-76	13-02-76	180°	-50°	7pi	2000pi	300pi	76-3	76-4	5125pi(bois)
76-5	2	3396-7	7+00N	44+00E	17-02-76	18-02-76	160°	-55°	60pi	300pi	305pi	76-4	76-5	21120pi(bois)
76-6	3	3396-12	4+00NW	12+00SW	06-03-76	07-03-76	SE	-50°	6pi	500pi	250pi	76-20	76-6	8480pi(bois) 8milles (chemin).
76-7	2	3396-1A	7+25S	12+00E	23+02-76	25-02-76	185°	-50°	11pi	900pi	351pi	76-5	76-7	36,960pi(bois), 4milles (chemin.)
76-8	2	3396-1B	6+00S	10+00W	26-02-76	28-02-76	200°	-50°	6pi	1400pi	297pi	76-7	76-8	2400pi(bois)
76-9	2	3396-1C	3+75N	4+00W	29-02-76	02-03-76	200°	-60°	5pi	1500pi	253pi	76-8	76-9	1500pi(bois)
76-10	2	3396-1D	6+25N	77+00W	05-03-76	07-03-76	200°	-50°	7pi	3300pi	296pi	76-9	76-10	10,560pi(bois)
76-11	2	3396-1E	11-65S	92+00W	11-03-76	13-03-76	200°	-45°	7pi	2100pi	598pi	76-22	76-11	8125pi(bois)
76-12	2	3396-1F	17+00S	128+00W	15-03-76	16-03-76	200°	-50°	7pi	700pi	308pi	76-11	76-12	4200pi(bois).
76-13	2	3391-1	3+00S	35+00W	17+03-76	19-03-76	180°	-50°	8pi	1200pi	228pi	76-12	76-13	5300pi(bois)
76-14	3	3396-11	1+75S	2+00W	24-02-76	25-02-76	180°	-50°	6pi	2300pi	300pi	76-18	76-14	12,200pi(bois)

TROU No	FOREUR No	GRILLE	LOCALISATION LAT.	LOCALISATION LONG.	COMMENCÉ	FINI	AZ	INCL.	TUBAGE	LIGNE À L'EAU	PROFONDEUR	CHEMINEMENT DE	CHEMINEMENT À	CHEMINEMENT DISTANCE
76-15	3	3396-4	19+50N	34+00E	05-02-76	09-02-76	180°	-50°	8 pi	2920 pi	250 pi			mobilisation.
76-16	3	3396-4	7+00N	36+00E	10-02-76	13-02-76	180°	-50°	28 pi	3680 pi	383 pi	76-15	76-16	1700 pi (bois)
76-17	3	3396-5	1+50S	2+00E	15-02-76	18-02-76	180°	-55°	58 pi	250 pi	250 pi	76-16	76-17	5280 pi (bois)
76-18	3	3396-13	7+60N	14+60E	19-02-76	21-02-76	200°	-50°	11 pi	1300 pi	300 pi	76-17	76-18	7920 pi (bois)
76-19	3	3396-3 ouest	3+75N	36+00W	28-02-76	29-02-76	150°	-60°	6 pi	1400 pi	350 pi	76-14	76-19	10,560 pi (bois) 3 milles (chemin)
76-20	3	3396-3 Est	31+50N	32+00E	03-03-76	04-03-76	180°	-50°	6 pi	3000 pi	250 pi	76-19	76-20	10,560 pi (bois), 1 mille (chemin)
76-21	3	3391-3	11+60N	24+00E	12-03-76	13-03-76	180°	-50°	27 pi	1200 pi	250 pi	76-6	76-21	13,250 pi (bois) 4 mille (chemin)
76-22	2	3396-1	2+50N	40+00W	08-03-76	09-03-76	200°	-50°	12 pi	1800 pi	258 pi	76-10	76-22	5000 pi (bois)
76-23	3	3397-4	1+50S	4+00W	14-03-76	18-03-76 (ABANDONNÉ)	180°	-50°	40 pi	1200 pi	ABANDONNÉ	76-21	76-23	14,200 pi (bois) 5 milles (chemin).

PROJET YASINSKI

TROU No	FORMUL No	GRILLE	LOCALISATION LAT.	LOCALISATION LONG.	COMMENCÉ	FINI	AZ	INCL.	TUBAGE	LIGNE À L'EAU	PROFONDEUR	CHEMINEMENT DE	CHEMINEMENT À	CHEMINEMENT DISTANCE
76-1	3	33F3-1	6100W	0+00	19-03-76	20-03-76	320°	-50°	5pi	100pi	200pi	76-23 Suyer.	76-1 Yasinski	2700pi (6.25) 12... (chemin)

VALEURS D'ANALYSES PROJET GUYER 1976.

TROU No.	ECHANTILLON No.	ANALYSES Cu %	Pb %	Zn %	Ni %	Ag oz/ton	Au oz/ton	Profondeur De	À	Epaisseur
76-1	F-1	0.01	P/A	P/A	0.01	0.05	0.02	106.0	106.1	2"
76-1	F-2	0.01	"	"	0.02	0.32	0.02	139.8	140.1	5"
76-1	F-3	Trace	"	"	0.08	0.02	Trace	154.0	154.4	5"
76-1	F-4	0.05	"	"	0.01	0.04	0.01	225.6	226.0	5"
76-1	F-5	0.06	"	"	0.02	0.05	0.01	226.1	226.3	3"
76-1	F-6	0.06	"	"	0.01	0.04	0.01	252.3	252.5	3"
76-1	F-7	P/A	"	"	"	0.02	P/A	284.3	284.6	3"
76-2	F-8	"	"	"	"	0.02	Trace	169.0	169.4	5"
76-2	F-9	"	"	"	"	0.02	Trace	169.9	171.6	1'8"
76-2	F-13	"	"	"	"	0.01	Trace	257.5	259.5	2'
76-3	F-15	"	"	"	"	0.04	0.02	83.3	83.5	3"
76-3	F-16	0.05	"	"	0.03	0.04	0.02	86.5	86.6	1"
76-3	F-17	0.01	"	"	0.01	0.04	0.01	178.0	179.5	1'5"
76-4	F-18	P/A	"	"	P/A	P/A	Trace	178.5	178.1	1"
76-4	F-19	0.01	"	"	0.01	0.02	Trace	179.5	182.3	2'8"
76-5	F-24	0.02	"	"	0.02	0.01	Trace	146.6	147.6	1'
76-5	F-25	0.02	"	"	0.03	Trace	Trace	150.5	151.7	1'2"
76-5	F-26	0.02	"	"	0.03	Trace	Trace	166.3	166.7	3"
76-5	F-27	0.02	"	"	0.02	Trace	Trace	232.4	233.0	8"
76-6	F-49	0.03	"	"	0.01	0.02	Trace	160.5	166.5	6'
76-7	F-36	0.04	"	"	0.02	Trace	0.01	182.5	183.1	6"
76-7	F-37	P/A	"	"	P/A	Trace	Trace	257.8	258.6	10"
76-7	F-38	"	"	"	"	0.04	Trace	268.2	268.7	6"
76-8	F-41	0.04	"	"	0.03	0.02	Trace	166.0	168.0	2'
76-9	F-42	Nil	"	"	Trace	Trace	Nil	82.8	84.5	1'7"
76-9	F-43	Nil	"	"	0.01	Trace	Trace	86.0	86.4	5"
76-9	F-45	Trace	"	"	0.01	Trace	Trace	87.0	87.8	9"
76-9	F-44	0.01	"	"	0.02	Trace	Trace	89.2	89.9	8"
76-10	F-47	Nil	"	"	P/A	Trace	Trace	85.8	90.3	4'5"
76-10	F-48	0.11	"	"	0.03	0.02	Trace	180.5	182.1	1'4"
76-11	F-106	0.04	"	"	0.02	Trace	Trace	234.9	239.4	4'7"
76-12	F-107	P/A	"	"	P/A	Trace	Trace	74.6	76.5	2'
76-12	F-108	0.02	"	"	0.01	0.02	Trace	138.0	142.0	4'
76-14	F-29	0.01	"	"	0.02	Trace	Trace	135.0	137.8	2'7"
76-14	F-33	0.03	"	"	0.03	0.01	Trace	138.2	143.2	4"
76-14	F-34	Trace	"	"	0.01	0.01	Trace	143.2	144.0	10"
76-14	F-35	Trace	"	"	0.01	Trace	Trace	235.0	240.0	5'

Trou No.	Echantillon No.	Analyses Cu %	Pb %	Zn %	Ni %	Ag oz/ton	Au oz/ton	Profondeur De	À	Épaisseur
76-15	F-14	0.03	P/A	P/A	0.04	0.02	Trace	64.3	66.1	1'11"
76-16	F-20	0.13	"	"	0.02	0.04	Trace	237.8	238.6	8"
76-17	F-23	P/A	"	"	P/A	0.08	0.01	124.1	124.4	2"
76-17	F-21	0.02	"	"	0.01	0.02	0.01	185.6	190.5	3'10"
76-17	F-22	Trace	"	"	0.01	Trace	Trace	191.1	192.0	11"
76-18	F-28	0.01	"	"	0.04	0.05	0.02	201.7	202.4	8"
76-19	F-39	0.04	"	"	0.01	0.02	Nil	129.7	137.7	8'3"
76-19	F-40	0.02	"	"	0.01	Trace	Trace	316.5	319.2	2'7"
76-20	F-46	0.02	"	"	0.01	0.02	Nil	201.1	203.4	2'3"
76-21	F-103	Trace	"	"	Trace	Trace	Trace	155.0	160.9	5'9"
76-21	F-104	P/A	"	"	P/A	Trace	Trace	201.5	203.0	1'6"
76-21	F-105	"	"	"	"	Trace	Trace	225.1	226.0	10"
76-22	F-101	0.02	"	"	0.01	Trace	Trace	187.0	189.0	2'
76-22	F-102	0.01	"	"	0.01	Trace	Nil	193.9	198.5	4'6"
76-22	F-50	Analyse de roche ultrabasique			0.16			95.6	100.7	5'
		JASINSKI								
76-1	F-109	0.05	0.02	0.01	0.02	0.02	Trace	115.0	120.0	5'
76-1	F-110	P/A	0.66	0.50	0.04	0.08	Trace	138.0	139.0	1'
76-1	F-111	0.04	0.01	P/A	0.08	0.02	Trace	177.5	180.0	2'6"

PROJET GUYER.

TROU No.	FOREUR No.	GRILLE	LOCALISATION LAT.	LOCALISATION LONG.	COMMENCÉ	FINI	AZ	INCL.	TUBAGE	LIGNE À L'EAU	PROFONDEUR	CHEMINEMENT DE	CHEMINEMENT À	CHEMINEMENT DISTANCE
76-1	2	3396-10	16+50S	6+00E	28-01-76	30-01-76	180°	-50°	86'pi	900pi	300pi			mobilisation.
76-2	2	3396-10	4+50S	14+00E	01-02-76	03-02-76	180°	-50°	38pi	600pi	300pi	76-1	76-2	1750pi (bois)
76-3	2	3396-8	12+75N	12+00W	06-02-76	08-02-76	180°	-60°	58pi	2700pi	300pi	76-2	76-3	6500pi (bois)
76-4	2	3397-1	10+70N	5+00W	10-02-76	13-02-76	180°	-50°	7pi	2000pi	390pi	76-3	76-4	5125pi (bois)
76-5	2	3396-7	7+00N	44+00E	17-02-76	18-02-76	160°	-55°	60pi	3000pi	308pi	76-4	76-5	21120pi (bois)
76-6	3	3396-12	4+00NW	12+00SW	06-03-76	07-03-76	SE	-50°	6pi	500pi	250pi	76-20	76-6	8480pi (bois) 8 milles (chemin).
76-7	2	3396-1A	7+25S	12+00E	23+02-76	25-02-76	185°	-50°	11pi	900pi	351pi	76-5	76-7	36,960pi (bois), 4 milles (chemin.)
76-8	2	3396-1B	6+00S	10+00W	26-02-76	28-02-76	200°	-50°	6pi	1400pi	297pi	76-7	76-8	2400pi (bois)
76-9	2	3396-1C	3+75N	4+00W	29-02-76	02-03-76	200°	-60°	5pi	1500pi	253pi	76-8	76-9	1500pi (bois)
76-10	2	3396-1D	6+25N	77+00W	05-03-76	07-03-76	200°	-50°	7pi	3300pi	296pi	76-9	76-10	10,560pi (bois)
76-11	2	3396-1E	11-65S	92+00W	11-03-76	13-03-76	200°	-45°	7pi	2100pi	598pi	76-22	76-11	8125pi (bois)
76-12	2	3396-1F	17+00S	128+00W	15-03-76	16-03-76	200°	-50°	7pi	700pi	308pi	76-11	76-12	4200pi (bois)
76-13	2	3391-1	3+00S	35+00W	17+03-76	19-03-76	180°	-50°	8pi	1200pi	228pi	76-12	76-13	5300pi (bois)
76-14	3	3396-11	1+75S	2+00W	24+02-76	25-02-76	180°	-50°	6pi	2300pi	300pi	76-18	76-14	12,200pi (bois)

TROU No	FOREUR No	GRILLE	LOCALISATION LAT.	LOCALISATION LONG.	COMMENCÉ	FINI	AZ	INCL.	TUBAGE	LIGNE À L'EAU	PROFONDEUR	CHEMINEMENT DE	CHEMINEMENT À	CHEMINEMENT DISTANCE
76-15	3	3396-4	19+50N	34+00E	05-02-76	09-02-76	180°	-50°	8 pi	2920 pi	250 pi			mobilisation.
76-16	3	3396-4	7+00N	36+00E	10-02-76	13-02-76	180°	-50°	28 pi	3680 pi	383 pi	76-15	76-16	1700 pi (bois)
76-17	3	3396-5	1+50S	2+00E	15-02-76	18-02-76	180°	-55°	58 pi	250 pi	250 pi	76-16	76-17	5280 pi (bois)
76-18	3	3396-13	7+60N	14+60E	19-02-76	21-02-76	200°	-50°	11 pi	1300 pi	300 pi	76-17	76-18	7920 pi (bois)
76-19	3	3396-3 ouest	3+75N	36+00W	28-02-76	29-02-76	150°	-60°	6 pi	1400 pi	350 pi	76-14	76-19	10,560 pi (bois) 3 milles (chemin)
76-20	3	3396-3 Est	31+50N	32+00E	03-03-76	04-03-76	180°	-50°	6 pi	3000 pi	250 pi	76-19	76-20	10,560 pi (bois), 1 mille (chemin)
21	3	3391-3	11+60N	24+00E	12-03-76	13-03-76	180°	-50°	27 pi	1200 pi	250 pi	76-6	76-21	13,250 pi (bois) 4 milles (chemin)
76-22	2	3396-1	2+50N	40+00W	08-03-76	09-03-76	200°	-50°	12 pi	1800 pi	258 pi	76-10	76-22	5000 pi (bois)
76-23	3	3397-4	1+50S	4+00W	14-03-76	18-03-76 (ABANDONNÉ)	180°	-50°	40 pi	1200 pi	ABANDONNÉ	76-21	76-23	14,200 pi (bois) 5 milles (chemin)

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 1-1

Nom du projet: Guyer
Trou no.: 76-1

Latitude: 16+50S
Longitude: L12+00E
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison — Profondeur
Profondeur: 300'

Grille: 33G6-10
Commencé: 28-01-76
Terminé: 30-01-76
Géologue: B.W. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
0	86	Casing								
86	103	Talcose ultrabasic probably a sill, porphyroblastic pyroxene variably, developed, in part with biotite and quartzose bands o.1" to 1" thick. Void and fracture filling with quartz and minor pyrite to 100'. Highly magnetic, schistosity 65° to 75°, quartzitic bands 85° to 90°.								
		Breccia starts at 100' for 1' with quartzitic angular fragments in a tale chlorite matrix.								
		101' to 103' more massive and noticeably more chloritic.								
103	112.9	Pyritic & Po, banded quartzite with biotite. Contact with above not visible due to lost core. Pyrite & Po. disseminated and in ¼" bands over first 6" and in two bands of ¾" at 106; sulphide banding and "schistosity" 85°. Biotite gives way to chlorite in depth.	F-1	106.0	106.1	2"	0.01	0.01	0.05	0.02
112.9	114	1' of chlorite, quartz schist with thin pyrite bands <0.1".								
114	115	Grey banded quartzite with chlorite and traces of pyrite <.1%.								
115	120.6	Metasediments. interlayerd metaquartzite, fine grained with minor chlorite and amphibole and fine grained amphibole quartz chlorite schist. Bands are from 2" to 1' with schist more abundant in depth. Traces of pyrite visible as individual grains 0.1%								
120.6	131.9	Metasediments. amphibole quartz chlorite schist, fine grained with narrow bands of metaquartzite. Traces of pyrite.								

Ministère des Richesses Naturelles, Québec
SERVICE DE LA DOCUMENTATION TECHNIQUE
Date: 9 MAI 1978
No GM. 34120

,oupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 1-2

,.om du projet: _____ Latitude: _____ Vérification Inclinaison _____ Profondeur _____ Grille: _____

Trou no.: _____ Longitude: _____ Commencé: _____

Altitude: _____ Terminé: _____

Azimuth: _____ Géologue: _____

Inclinaison: _____ Entrepreneur: _____

NTS: _____ Profondeur: _____ Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
131.9	131.8	Predominantly metaquartzite (grey) with a 1ft. band of schist at 132'.9								
139.8	140.1	4½" massive to disseminated pyrite and narrow pyrrhotite in a quartzose matrix now heavily crushed.	F-2	139.8	140.1	5"	0.01	0.02	0.32	0.01
140.1	142	Pyritic black shale and silt with globular and cubic pyrite, disseminated, up to 25% passes into a dark grey fine grained siltstone.								
142	143	Very fine grained quartzose sediment, possibly an acid tuff or siltstone.								
143	144	Tale chlorite schist with small 1" diameter quartz lenses, rock now strongly schistose orientation of schistosity 70°.								
144	145.4	"Acid Tuff", quartz amphibole - bedding 75°.								
145.4	176.8	Tale schist with variable amounts of chlorite. From 148.3 on becomes intermittently Magnetic with disseminated pyrrhotite.	F-3	154	154.4	5"	Tr	0.08	0.02	Tr
176.8	253.4	Chlorite schist with intermittent bands up to ¼" of biotite highly contorted Probably a tuff with .1" to 2" bands rib in carbonate rich (white) follows schistority bedding.								
		225.6 to 226. disseminated pyrite and pyrrhotite in coarse grained fragmental lenses + CO_3								
		226 to 226.5 Pyrite, pyrrhotite massive but narrow bands .1" or less but frequent.	F-4	225.6	226.0	5"	0.05	0.01	0.04	0.01
		226.5 to 253.4 Mixed chlorite schist and bands of coarse grained epidote rich bands up to 5" with carbonate particularly abundant in coarse grained material. Fracture filling and blebs of pyrite and pyrrhotite associated with concentrations of carbonate. Disseminated Py, Po. in the epidote rich coarse grained bands. Quartz vein at 252.5.	F-5	226.1	226.3	3"	0.06	0.02	0.05	0.01
			F-6	252.3	252.5	3"	0.06	0.01	0.04	0.01

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 1-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu	Ni	Ag oz/ton	Au
253.5	254	5" acid Tuff, quartz, feldspar, biotite .								
254	284.3	Chloritic tuff, schistosity 70° with carbonate & epidote bands, lenses variably magnetic, some carbonate bands highly contorted with disseminated Py, Po, throughout or in narrow bands.								
284.3	284.6	Acid tuff with pyrite bands massive, <.1" to 3".	F-7	284.3	284.6	3"			0.02	
284.6	300	Chloritic tuff with minor bands of pyrite.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 2-1

Nom du projet: Guyer
Trou no.: 76-2

Latitude: 4+50S
Longitude: 14+00E
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 300'

Grille: 33G6-10
Commencé: 01-02-76
Terminé: 03-02-76
Géologue: B. Oakes L. Lavoie
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	38.0	Casing					
38.0	38.4	Ultrabasic with pyroxene, amphibole & chlorite, schistose with quartz-biotite bands up to .1" thick, weakly magnetic.					
38.4	38.7	Quartz feldspar porphyry with chloritic bands .1" thick.					
38.7	39.0	Quartz feldspar porphyry with carbonate lenses.					
39.0	39.3	Ultrabasic-heavily chloritic and schistose, carbonate along the planes of schistosity.					
39.3	49.0	Quartz feldspar porphyry with carbonate lenses. Pyrite < 1% disseminated, associated with strong chloritization over 2" to 4" thick.					
49.0	49.6	Quartz feldspar porphyry with chlorite amphibole lenses.					
49.6	53.5	Quartz feldspar porphyry with carbonate lenses.					
53.5	53.9	Amphibolite passing into a chlorite schist					
53.9	55.3	Quartzite with a little mica, and 1% pyrite					
55.3	56.2	Quartz feldspar porphyry with carbonate lenses					
56.2	57.7	Basalt					
57.7	58.1	Ultrabasic with amphibole and pyroxene and carbonate lenses.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 2-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
58.1	61.1	Quantz feldspar porphyry with amphibole and chlorite in bands 1" thick.					
61.1	61.8	Basalt with <1% pyrite					
61.8	66.8	Quartz feldapar porphyry with amphibole & a little chlorite. <1% pyrite carbonate lenses.					
66.8	70.2	Basalt, fine grained with carbonate veining.					
70.2	73.1	Intermediate to basic volcanic with variable hematization					
73.1	79.2	Intermediate volcanic variably hematized, carbonate & pyroxene lenses 1" diameter.					
79.2	80.3	Acidic tuff, chloritized with bands of biotite schist.					
80.3	81.0	Quartz feldspar porphyry with irregular band of amphibole and chlorite schist.					
81.0	81.5	Ultrabasic with amphibole in the from of needle-like crystals.					
81.5	83.4	Quartz feldspar porphyry with carbonate bands & lenses					
83.4	83.9	Ultrabasic with amphibole in the form of needles					
83.9	84.5	Quartz feldspar porphyry with carbonate bands.					
84.5	87.5	Acidic tuff, slightly chloritized, carbonate along fracture surfaces.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 2-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
87.5	90.3	Metaquartzite with biotite, disseminated pyrite ≃ 1%					
90.3	92.8	Acidic tuff, slightly chloritized. Fracture filling with carbonate.					
92.8	92.9	Fractured zone with carbonate and epidote.					
92.9	93.3	Metaquartzite with local accumulations of pyroxene and chlorite.					
93.3	95.6	Acidic tuff with fracture filling by carbonate ca. 70°.					
95.6	96.8	Intermediate volcanic with locally developed pyrite up to 2% disseminated.					
96.8	97.0	Acidic tuff, fracture filling with carbonate.					
97.0	107.9	Intermediate lavas and tuff with disseminated pyrite < 1%. Fracture filling and lenses of carbonate.					
107.9	108.4	Basic volcanics, biotite pyroxene; amphibole.					
108.4	112.8	Acidic to intermediate tuff, traces of disseminated pyrite.					
112.8	129.0	Metasediments, with quartz grains move coarse than the matrix. < 1% pyrite.					
129.0	130,4	Meta tuff- Intermediate ca. 80°.					
130.4	139.5	Metasediments with coarse grained quartz in a fines grained matrix. Traces of disseminated pyrite ca. 85°.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 2-4

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
139.7	139.8	Chlorite schist								
139.8	142.6	Metasediments with coarse grained qua tz and pyroxene, locally developed chlorite								
142.6	143.1	Intermediate tuff with acid filling carbonate								
143.1	143.3	Chlorite schist								
143.3	147.7	Metasediments, locally chloritized								
147.7	148.2	Intermediate volcanics								
148.2	165.1	Metasediments with locally developed chlorite and <1% pyrite, porphyroblastic garnets at 162.0'								
165.1	169.0	Metasediments with massive bands of pyrite up to 40%								
169.0	169.4	Massive pyrite 98% in bands parallel to beddings (98%).	F-8	169.0	169.4	5"			0.02	Tr
169.4	169.9	Metavolcanic sediments with porphyroblastic garnet and 4% pyrite.								
169.9	171.7	Shale with bands of pyrite 5", quartz vein at 170.1, 1" thick.	F-9	169.9	171.6	1'8"			0.02	Tr
171.7	174.3	Metasediments with traces of disseminated pyrite, contact with underlying tuff ca.85°.								
174.3	188.7	Intermediate tuff with fracture filling of carbonate ca.70°.								
188.7	189.6	Metasediment with locally developed chlorite.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 2-5

Nom du projet: _____ Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison _____ Profondeur _____

Profondeur: _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.					
189.6	190.0	Intermediate tuff with narrow bands of chlorite schist, 2" thick.										
190.0	191.4	Metasediment of quartz and feldspar in mafic minerals, narrow band of intermediate tuff narrow throughout the section.										
191.4	023.5	Intermediate tuff with disseminated pyrite, bedding ca. 80°, carbonate along fractures.										
203.5	204.1	Metasediments, quartz feldspar with narrow bands of chlorite schist, 1" and disseminated pyrite (6%).										
204.1	207.1	Core missing.										
207.1	207.6	Intermediate tuff, bedded, ca. 80°, carbonate along fractures.										
207.6	209.5	Metasediment < 1% pyrite										
209.5	213.3	Intermediate tuff with < 1% pyrite, disseminated, carbonate along fractures ca. 80°.										
213.3	217.3	Intermediate volcanic, < 1% pyrite, disseminated, carbonate along fractures.										
217.3	247.6	Intermediate tuff, well bedded, ca. 80°, pyrite < 1% disseminated, carbonate along fractures, quartz veining 2" to 8" thick, variably chloritized.										
247.6	248.7	Acidic tuff with bands of quartz, chlorite, 3" to 6" thick.										
248.7	250	Intermediate tuff with traces of hematization.										

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 2-6

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification	Profondeur
Inclinaison	
Profondeur:	

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
250.2	251.1	Acidic tuff, well bedded ca 70°.								
251.1	257.5	Metasediment & acidic tuff, interbedded, traces of pyrite associated with the acidic tuff.								
257.5	259.5	Metaquartzite with pyrite in beds .3" to .5" thick.	F-13	257.5	259.5	2'			0.01	Tr
259.5	300	Metasediment with occasional beds of chlorite schist.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 3-1

Nom du projet: Guyer
Trou no.: 76-3

Latitude: 12+75N
Longitude: 12+00W
Altitude:
Azimuth: 180°
Inclinaison: -60°
NTS: 33G6.

Vérification Inclinaison | **Profondeur**
Profondeur: 300'

Grille: 33G6-8
Commencé: 06/02/76
Terminé: 08/02/76
Géologue: B.W Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
0	58.0	Casing.								
58.0	58.5	Metasediment- biotite schist, fine grained, garnetiferous on 1" and chloritic.								
58.5	59.1	Metasediment-quartz biotite gneiss-fine grained, ca 75°.								
59.1	64.1	Metasediment-biotite schist-fine grained garnetiferous bands up to 1", porphytoblastic garnets found dispersed throughout the section. Chloratization is associated with the garnet bands.								
64.1	65.7	Metavolcanic sediment, highly chloritic with occasional bands of biotite and porphytoblastic garnet. Magnetic with stringers of py and po. < 1% associated with quartz and carbonate veining ca 65°.								
65.7	107.0	Intermediate tuff with biotite and chlorite schist- fine grained variably garnetiferous with quartz-carbonate bands an to 1½" thick. Chlorite predominates in depth.								
		77.0 to 77.4 5" silicified chlorite schist.								
		82.4 to 83.5 Metavolcanic sediment-highly garnetiferous, silicified and chloritic with quartz carbonate veining-very fine grained. Contains disseminated pyrite and arsenopyrite.	F-15	83.3	83.5	3"			0.04	0.02
		86.5 to 86.6 1" bleb of massive arsenopyrite and pyrite.	F-16	86.5	86.6	1"	0.05	0.03	0.04	0.02
		105.0 to 105.25 3" barren massive quartz.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 3-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu. %	Ni %	Ag oz/ton	Au oz/ton
107.0	178.0	Chlorite tuff with quartz-carbonate bands up to 1" thick variably garnetiferous but confined to bands and augen. Acidic tuff up to 1' thick-fine grained essentially of quartz and chlorite with interbedeled quartz biotite schist from ½" to 2" thick ca. 75°.								
178.0	178.5	Pyrrhotite stringers in silicified chloritic tuff with minor pyrite and traces of carbonate.	F-17	178.0	178.5	1'5"	0.01	0.01	0.04	0.01
178.5	179.1	7" brecciated chlorite tuff with massive pyrrhotite up to 2" thick comprises 50% of the rock with minor pyrite and traces of carbonate associated with the quartz.								
179.1	179.9	9" garnetiferous chlorite tuff.								
179.9	213.5	Chlorite tuff variably silicified with narrow bands of biotite schist < 1" thick.								
213.5	218.0	Chlorite tuff and chlorite schist interlayered ca. 75°.								
218.0	239.5	Intermediate tuff. bedded with quartz veining parallel to bedding. traces of disseminated pyrite.								
239.5	256.3	Metasediment-chloritic with occasional quartz veining.								
256.3	257.0	Metasediment-silicified.								
257.0	264.0	Metasediment-chloritic.								
264.0	277.0	Metasediment-banded appearance due to intermittent zones of he matisation.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 3-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison	Profondeur
Profondeur:	

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
277.0	278.0	Metasediment-silicified.					
278.0	300	Metasediment-banded with bands alternating between biotite and chlorite schist ca. 75° Traces of carbonate throughout.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 4-1

Nom du projet: Guyer
Trou no.: 76-4

Latitude: 10+70N
Longitude: 5+00W
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G7

Vérification Inclinaison — Profondeur
Profondeur: 300'

Grille: 33G7-1
Commencé: 10/02/76
Terminé: 13/02/76
Géologue: B. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	7.0	Casing.					
7.0	9.2	Metavolcanic sediment, quartz veining and variably he matized, occasional garnet porphyroblastic.					
9.2	21.9	Meta-andesite.					
		15.0 to 16.5 He matisation.					
21.9	52.7	Metavolcanic sediments, variably carbonatized.					
52.7	53.8	Barren quartz vein.					
53.8	56.7	Metavolcanic sediment with carbonate stringers.					
56.7	65.8	Meta tuff, intenbedeled with metasediment in bands 1" to 2" thick.					
65.8	71.9	Metasediment.					
71.9	87.6	Acidic tuff.					
87.6	88.6	Metasediment.					
88.6	93.6	Acidic tuff.					
		93.1 1" of disseminated pyrrhotite.					
93.3	93.7	Metasediment.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 4-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
93.7	102.7	Metatuff with up to 1" thick band of metasediment ca. 75°								
102.7	108.0	Feldspar-porphyry dyke.								
108.0	130.2	Meta, tuff, well bedded, ca 65° with intermittent silicified zones.								
		121.7 to 124.6 Heavily chloritized and carbonatized.								
130.2	148.0	Chlorite schist.								
		135.9 to 136.1 Barren quartz vein.								
		147.5 to 147.6 Chlorite schist with 30% pyrrhotite.								
		147.6 to 147.9 Chlorite schist with 15% pyrrhotite.								
148.0	159.2	Meta tuff with disseminated and stringers of pyrrhotite and traces of pyrite.								
		153.5 to 153.7 Barren quartz vein.								
159.2	160.6	Argillite black with disseminated pyrrhotite.								
160.6	179.5	Metasediment traces of disseminated pyrrhotite with narrow bands of tuff and biotite up to 1" thick.								
		178.5 1" quartz vein with pyrite.	F-18	178.5	178.6	1"			Tr.	
179.5	182.3	Silicified zone passing into massive quartz with up to 10% sulphide, pyrrhotite and pyrite.	F-19	179.5	182.3	2'8"	0.01	0.01	Tr	0.02

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 4-3

Nom du projet: _____ Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison / Profondeur
Profondeur: _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
182.3	183.2	Acidic tuff an silicified tuff with pyrite and pyrrhotite stringers.					
183.2	183.7	Chlorite tuff with pyrrhotite, pyrite stringers.					
183.7	184.7	Intermiediate volcanic.					
184.7	186.5	Chlorite tuff with bands of biotite schist up to 1" thick.					
186.5	188.0	Core highly broken up and crushed. Graphite with Pyrite and Pyrrhotite stringers.					
188.0	191.5	Chlorite schist with pyrite in the from of elongated lenses parallel to the schistosity. Variably graphitic becoming less frequent in depth, carbonate associated with the pyrite.					
191.5	216.6	Chlorite, amphibole tuff with occasional isolated garnet porphyroblastic and bands of biotite schist up to 2" thick. Cut by quartz carbonate veins. Pyrite stringers less than.					
		19.9 4" massive pyrrhotite.					
		208.0 to 208.9 11" massive barren quartz.					
216.6	221.9	Acidic tuff					
221.9	226.6	Chlorite amphibole tuff with quartz carbonate bands and biotite schist up to 1½" thick.					
226.6	231.9	Amphibolite with chlorite matrix and porphyrytic amphibole.					

...pe minier S E S — JOURNAL DE SONDAGE — Feuille no. 4-4

...du projet: _____
Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison _____ _____ _____
Profondeur: _____

Profondeur _____ _____ _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.					
231.9	233.2	Syenite, sharp contact ca 80°.										
233.2	237.6	Intermediate tuff with amphibole rich bands up to 0.1" thick.										
237.6	240.9	Chlorite schist with disseminated pyrrhotite and amphibole porphy roblasts.										
240.9	243.6	Chlorite tuff, banded with silicic bands.										
243.6	244.5	Chlorite schist with amphibole porphy roblasts.										
244.5	248.5	Chlorite tuff with quartz carbonate bands and biotite schist up to 2" thick with porphy roblastic garnet.										
248.5	248.8	Quartzo-feldspathic intrusion.										
248.8	265.5	Amphibole chlorite tuff with biotite schist and porphyroblastic garnet.										
265.5	265.8	Feldspar porphyry intrusion, chloritic, sharp contact, ca.75°.										
265.8	272.3	Amphibole tuff with narrow bands of feldspar porphyry up to 1" thick with traces of disseminated pyrrhotite.										
272.3	272.7	Sye nite.										
272.7	283.7	Meta-tuff with up to 1" thick bands of feldspar porphyry.										
283.7	284.4	Metasediment.										

...pé minier S E S — JOURNAL DE SONDAGE — Feuille no. 4-5

... du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison	Profondeur
Profondeur:	

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.					
284.4	286.9	Meta tuff with 1" bands of feldspar porphyry.										
286.9	291.3	Core missing.										
291.3	292.2	Meta-tuff with 1" bands of feldspar porphyry.										
292.2	292.6	Sye nite.										
292.6	300.	Meta-tuff with bands of feldspar porphyry.										

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 5-1

Nom du projet: Guyer
Trou no.: 76-5

Latitude: 7+00N
Longitude: 44+00E
Altitude:
Azimuth: 160°
Inclinaison: -55°
NTS: 33G6

Vérification Inclinaison
Profondeur
Profondeur: 300'

Grille: 33G6-7
Commencé: 16/02/76
Terminé: 17/02/76
Géologue: L. Lavoie
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag ‰	Au ‰
0	22.0	Casing								
22.0	49.2	Gabbro, medium grained, dank green, quartz veins 3" to 6".								
		44.0 to 49.2 Highly Chloritized								
49.2	94.4	Metasediments of variable composition, essentiatly qua tz biotite								
		49.2 to 52.6 Quartz rich metasediments with bands of biotite schist 60°								
		52.4 to 55.0 Metasediments passing into less quartz rich sediments. also with bands of biotite schist to 2".								
		85.0 to 87.8 Intermediate volcanics. dark green								
		66.1 3" carbonate vein								
		86.9 to 87.0 Quartz vein.								
94.4	146.6	Metasediment (quartzite with biotite, traces of disseminated pyrite.)								
		95.0 to 95.7 Intermediate volcanic; dark green								
		105.5 to107.7 & 131.0 to 133.5 bands of biotite schist								
		135.4 to138.5 Disseminated pyrite but restricted to bands ca 65°								
146.6	147.6	Metasediment with disseminated pyrite and pyrrhotite 20% sulphide	F-24	146.6	147.6	1'	0.02	0.02	0.01	Tr

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 5-2

Nom du projet: _____ Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison: _____ Profondeur: _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
147.6	150.5	Metasediments with bands of biotite schist up to ½" thick and occasional bands of chlorite schist of 7".								
150.5	151.7	Metasediments similar to above but with pyrite and pyrrhotite (15%) massive & veined up to ¾" thick.								
151.7	166.3	Metasediments, quartz, biotite chlorite with interlayerd intermediate volcanics at 160.7 to 161.3 and 172.1 to 163.2.	F-25	150.5	151.7	1'2"	0.02	0.03	Tr	Tr
166.3	166.7	Metasediments with 10% pyrite and pyrrhotite as stringers.								
166.7	167.0	Metasediments quartz, biotite well bedded. ca.70°.	F-26	166.3	166.7	3"	0.02	0.03	Tr.	Tr
167.0	169.7	Intermediate volcanics, dark green, uniform composition								
169.7	180.8	Metasediments. quartz, biotite, bedded, ca.75° with interlayerd quartzite								
180.8	191.7	Intermediate volcanics interlayerd with quartzite with bands of biotite schist.								
		188 to 190.2 White quartzite with bands of biotite schist & intermediate volcanics 5 to 2" thick.								
191.7	233.2	Metasediments, banded ca 80° with beds of biotite schist and chlorite schist.								
		195 to 202. Not as well bedded.								
		202.0 to 202.6 Intermediate volcanic								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 5-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
		202.4 to 232.6 Metasediments. banded to non banded., p sses into qua tzite.								
		232.4 to 233.0 Metasediment with pyrite and pyrrhotite stringers	F-27	232.4	233.0	8"	0.02	0.02	Tr.	Tr
233.2	272.3	Acidic tuff, "rhyolitic"..., banded, ca 80° with patches of hematization and quartz carbonate stringers.								
		250.7 to 251.0 metasediment, quartz biotite bedded ca 85°								
		254.1 to 256.0 " " " "								
272.3	283.4	Volcanic sediments with biotite porphy roblasts								
283.4	308	Interdediate tuff. banded, ca 80° with quartz veins and sections chloritized and he matized.								

Groupe minier S E S — JOURNAL DE SONDAGE

Feuille no. 6-1

Nom du projet: Guyer
Trou no.: 76-6

Latitude: 4+ooNW
Longitude: 12+ooSW
Altitude:
Azimuth: SW
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 250'

Grille: 33G6-12
Commencé: 06/03/76
Terminé: 07/03/76
Géologue: B.Oakes
Entrepreneur: Forage Dominik
Type de carotte: AO

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	6.0	Casing.					
6.0	23.0	Intermediate tuff- Dank green fine grained, banded with beds of biotite schist and beds out on porphyroblastic garnet up to. 2" diameter. Variably chloritized. Contains traces of py & po associated with the biotite schist and quartz carbonate veining ca 70°.					
		11.3 1" Quartz carbonate veining, barren					
		12.5 4" Idem					
23.0	24.1	Metasediment-medium grey, fine grained, quartz biotite.					
26.1	34.9	Intermediate tuff- Dark green, fine grained, Contains porphyroblastic garnets which increase in abundance with dept.					
		27.3 ¼" Barren Milky quartz vein.					
		31.0 ¼" Band of disseminated py associated with a silicified carbonatized zone.					
34.9	43.8	Acidic Tuff - Garnetiferous with traces of disseminated py.					
43.8	56.5	Greenstone - chloritized					
56.5	86.5	Intermediate Tuff- Dark green fine grained contains porphyroblastic garnets throughout the section up to ¼" diam & elongated parallel to the banding ca 75°.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 6-2

Nom du projet: _____ Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison	Profondeur
Profondeur:	

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
		61.5 1" Disseminated Py & Cpy in silicified carbonatized zone.					
		60.0 & 81.0 Silicified zone with carbonate. Contains Py, Po. stringers <.1".					
86.5	97.9	Metasediment- Gneissic with porphyroblastic garnet & traces of Py. & Po. as stringers more prevalent in last 2".					
		96.9 8" Barren Milky quartz vein.					
97.9	108.3	Intermediate Tuff- Medium green, rich in chlorite and carbonate. Contains quartz carbonate stringers with associated stringers of Py. & Po. <1", <1% sulphide but up to 10% over 3" to 6", ca. 60°.					
108.3	111.0	Metasediment- Contains porphyroblastic garnet and py, po stringers on first foot. Garnet, narrow in abundance after first foot.					
111.0	113.7	Intermediate Tuff- Contains porphyroblastic garnets with Py, Po. stringers and traces of cpy, <1% Sulphide.					
113.7	114.7	Metasediment- Contains porphyroblastic gar ets with Py., Po. stringers and traces of cpy, <<1% Sulphide.					
114.7	119.0	Intermediate Tuff- Contains porphyroblastic gar ets with Py., Po. stringers and traces of cpy, <1% Sulphide but increasing in dept particulary between 11.5 to 116.0 where can be massive over ½".					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 6-3

Nom du projet: _____ Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison	Profondeur
Profondeur:	

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
119.0	122.3	Metasediment- Contains porphyroblastic garnet								
122.3	129.6	Intermediate Tuff-Banded with narrow 1" bands of biotite schist. Contains Py.Po stringers <1", <1% Sulphide with traces of cpy.								
129.6	130.3	Metasediment-								
130.3	131.6	Intermediate Tuff-Contains Py. Po stringers <1" thick & <<1%								
131.6	135.1	Acidic Tuff- Chloritized, vuggy. Contains Py, Po Stringers <1%								
135.1	148.5	Intermediate Tuff-Chloritized, Contains Py, Po stringers <1% parallel to banding ca. 70° Cut by quartz carbonate stringers <1".								
		142.0 1½" Metasediment								
		143.0 to 143.5 idem								
148.5	156.8	Metasediment- Contains Po Py stringers associated with quartz carbonate.								
		152.6 2" Quartz vein with Py.,Po. massive blebs.								
156.8	196.5	Acidic Tuff- Mineralized throughout with Py Po blebs ans magnetite with traces of cpy. The most strong mineralization into 170 and in the from of lenses and stringers up to 1" thick, 20% Sulphide. Contains bands up to 6" thick rib in chlorite tending to chlorite schist ca 80°. Cut by quartz carbonate stringers and contains dispersed amphibole phenocrysts.	F-49	160.5	166.5	6'	0.03	0.01	0.02	Tr

...pe minier S E S — JOURNAL DE SONDAGE — Feuille no. 6-4

...n du projet: _____ Latitude: _____ Vérification Inclinaison _____ Profondeur _____ Grille: _____
Trou no.: _____ Longitude: _____ Commencé: _____
Altitude: _____ Terminé: _____
Azimuth: _____ Géologue: _____
Inclinaison: _____ Entrepreneur: _____
NTS: _____ Profondeur: _____ Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.		No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
			159.7 1" Quartz vein with Py.,Po.fracture filling.					
			190.6 2" Quartz vein with stringers of Po.,Py. 1". ca.60°					
196.5	246.6	Metasediment-	Grey brown, fine grained, composition quartz Feldspar biotite. Contains scattered narrow band of chlorite schist, 1" wide throughout section. Cut by quartz carbonate stringers with stringers of Po.& Py.					
			200.2 to 201.3 Large porphyroblastic garnet in chlorite schist with narrow Py Po on. 2" thick in two zones.					
			227.0 to 228.6 Metasediment rich in biotite with quartz pebbles elongated with biotite halos.					
266.6	268.0	Andesitic Tuff.						
268.0	250.0	Metasediment.	Dark grey green, chloritic.					

Groupe minier S E S — JOURNAL DE SONDAGE

Feuille no. 7-1

Nom du projet: GUYER
Trou no.: 76-7

Latitude: 7 + 25 S
Longitude: 12 + 00 E
Altitude:
Azimuth: 185°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 351'

Grille: 33G6-1A
Commencé: 23/02/76
Terminé: 25/02/76
Géologue: L. Lavoie
Entrepreneur: Forages Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	11.0	Casing					
11.0	78.8	Intermediate volcanic, greenstone, quartz carbonate veining .2" to .4" chloritized bands up to 1/2".					
		32.4 to 33.3 Metaquartzite with biotite.					
		34.9 to 35.0 Quartz vein, barren.					
		35.9 to 36.3 Metaquartzite with biotite.					
		53.7 to 53.9 Quartz vein, barren.					
		78.8 to 81.2 Metaquartzite with biotite & disseminated pyrite.					
	101	Metavolcanic sediment cut by quartz carbonate veinlets.					
		82.1 to 82.6 Chlorite schist c.a. 80°.					
		99.5 to 101 Metasediment.					
101	110.1	Chlorite schist with disseminated pyrite.					
110.1	116.2	Metasediment cut by quartz veins with a 5" band of biotite schist.					
		112.4 to 113.1 Intermediate volcanic.					
		115 to 115.6 Intermediate volcanic.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 7-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/	Au ton		
192.5	344.6	Metasediment ("greywacke") quartz, biotite, pyroxene occasionally bedded or massive and varies from medium to fine grained.										
		209.0 to 209.2 Quartz vein, barren.										
		257.8 to 258.6 & 268.2 to 268.7 quartz vein with pyrite.	F-37	257.8	258.6	9"			Tr	Tr		
			F-38	268.2	268.7	6"			0.04	Tr		
344.6	348.8	Chlorite schist.										
348.8	351	Metasediment, quartz biotite & pyroxene.										

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 7-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/	Au ton
116.2	126.9	Chlorite schist c.a. 80°.								
126.9	129.6	Metasediment with biotite and bands with composition completely of biotite.								
129.6	135.0	Chlorite schist with carbonate veinlets and beds of biotite schist.								
135.0	144.0	Metasediment ("greywacke") composition quartz, biotite, feldspar, pyroxene and amphibole. c.a. 85°								
144.0	166.0	Intermediate volcanics with bands of chlorite schist and quartz carbonate veining.								
		159.7 to 160.9 Metasediment, composition quartz, biotite.								
166.0	185.9	Intermediate to basic tuff with quartz carbonate veins. Occasional beds of metasediment and cut by Py. and Po. in the form of stringers.								
		174.0 to 174.4 Metasediment - quartz, biotite.								
		181.3 to 183.1 Mineralized zone with Py. and Po. in veins.	F-36	182.5	183.1	6"	0.04	0.02	Tr.	0.01
185.9	186.4	Metasediment, quartz, biotite with beds of biotite.								
186.4	188.5	Intermediate volcanics with quartz carbonate veining.								
188.5	190.4	Metasediment, quartz, biotite pyroxene.								
190.4	192.5	Intermediate to basic volcanics.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 8-1

Nom du projet: Guyer
Trou no.: 76-8

Latitude: 6 ooS
Longitude: 10 ooW
Altitude:
Azimuth: 200°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 297'

Grille: 33G6-1B
Commencé: 26/02/76
Terminé: 28/02/76
Géologue: L. Lavoie
Entrepreneur: Forage dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	5.0	Casing.					
5.0	29.9	Metasediment- Well bedded, ca.75° quartzose, Contains locally developed mafic bands, variably chloritized.					
		8.8 to 9.1 Intermediate Tuff.					
		10.4 to 11.6 idem.					
		20.5 to 23.3 idem.					
		26.5 to 28.0 idem.					
29.9	31.3	Conglomerate- Quartz pebbles in a quartz chlorite, matrix					
31.3	105.5	Metasediment- Broadly laminated, quartzose with bands of quartz biotite up to 1 foot thick with quartz stringers. From 50.8 noticeable appearance of muscovite and chlorite.					
105.5	109.0	Intermediate tuff-.					
109.0	113.0	Metavolcanic sediment- Rich in mafic minerals, dark grey with silicified zones.					
113.0	124.3	Acidic Tuff- Contains quartz stringers.					
124.3	140.0	Metaquartzite-Contains quartz biotite, well bedded ca. 85°.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 8-2

Nom du projet: _____ Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison _____ Profondeur _____
Profondeur: _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag %	Au %
140.0	157.8	Intermediate Tuff- Contains quartz stringers, mineralisation is in the form of blebs of po associated with quartz and carbonate stringers 3" to 7" also contains bands rich in chlorite and biotite.								
157.8	161.9	Acidic Tuff- Well banded with po. stringers.								
161.9	164.9	Gabbro- Dark green with disseminated Py. & Po.								
164.9	168.2	Intermediate Volcanic-Contains blebs of Po & Py.								
		166.0 to 168.0 Mineralized zone with py stringers 10% Sulphide.	F-41	166.0	168.0	2'	0.04	0.03	0.02	Tr
		168.0 to 168.2 Zone rich in biotite.								
168.2	172.5	Intermediate Volcanic- Massive.								
172.5	173.5	Metaquartzite-Quartz biotite.								
173.5	175.1	Intermediate Volcanic- Massive with bands up to 5" of massive amphibole.								
175.1	177.4	Metasediment-green, essentially quartz biotite.								
177.4	191.4	Chlorite Schist-ca. 80°.								
191.4	193.2	Metaquartzite-Quartz, biotite.								
193.2	223.0	Gabbro-Massive, cut by quartz stringers.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 8-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.					
223.0	297.0	Intermediate Volcanic- Slightly chloritic, Cut by quartz stringers.										
		226.7 to 225 & 225.5 to 225.7. Quartz veins, barren.										

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 9-1

Nom du projet: Guyer
Trou no.: 76-9

Latitude: 3+75N
Longitude: 6+ooW
Altitude:
Azimuth: 200°
Inclinaison: -60°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 253'

Grille: 33G6-1C
Commencé: 01-03-76
Terminé: 03-03-76
Géologue: L. Lavoie
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
0	5.0	Casing.								
5.0	14.7	Greenstone - Fine grained slightly chloritized.								
14.7	33.1	Metasediment-Qua tz biotite bedded ca.70°,poorly developed. Cut by quartz veins.								
		21.4 to 22.3 Gabbro.								
		24.7 to 25.3 1" bed biotite schist.								
33.1	40.1	Greenstone- Very fine grained, gradual change to peridotite. Cut by quartz veins.								
40.1	49.8	Peridotite - Serpentinized with stringers chrysotile 1".								
49.8	59.0	Metasediment-Quartzose with biotite.								
59.0	90.2	Intermediate Tuff-Bedded ca.75°, contains disseminated Py. Cut by quartz veins.								
		82.8 to 84.5 & 86.0 to 86.4 .Py & minor Po. 15%.	F-42	82.8	84.5	1'7"	Nil	Tr	Tr	Nil
			F-43	86.0	86.4	5"	Nil	0.01	Tr	Tr
		87.0 to 87.8 Idem. 20%.	F-44	89.2	89.9	8"	0.01	0.02	Tr	Tr
			F-45	87.0	87.8	9"	Tr	0.01	Tr	Tr
		89.2 to 89.9 Idem. 45%.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 9-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
90.2	150.0	Intermediate Volcanic,-Chloritized variably. Cut by quartz stringers.					
150.0	156.0	Basalt- Cut by quartz stringers.					
156.0	158.0	Metasediments-Quartz biotite sericite.					
158.0	182.3	Volcanic sediments-Variably mafic content throughout section. Cut by quartz veins.					
182.3	214.0	Metasediments-Variable composition in concentration of quartz.					
		190.7 to 193.1 Quartzite with minor feldspar and sericite.					
214.0	242.9	Amphibolite-Amphibole, quartz, feldspar, gneissic.					
242.9	253.0	Metasediments-Variably silicified & chloritized-Cut by quartz stringers.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 10-1

Nom du projet: Guyer
Trou no.: 76-10

Latitude: 6+25N
Longitude: 77+00W
Altitude:
Azimuth: 200°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 296'

Grille: 33G6-1D
Commencé: 05-03-76
Terminé: 07-03-76
Géologue: B. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	7.0	Casing					
7.0	8.0	Meta acidic Tuff-gneissic, very fine grained, light grey.					
8.0	8.7	Metasediment- gneissic, amphibole quartz, fine grained, ca. 55°.					
8.7	28.0	Meta-acidic tuff-fine grained gneissic with laminae of chlorite schist <1" thick and infrequent. ca. 65°. Chlorite increases in dept carbonate along fractures.					
28.0	30.3	Amphibolite-Dark green, medium grained with bands of porphyroblastic garnet and variably chloritized.					
30.3	125.0	Meta-acidic Tuff-Fine grained, banded, light grey, ca 65° with scattered carbonate.					
		31.1 1" Highly contorted, strongly chloritized with quartz carbonate stringers.					
		33.1 to 33.4 idem.					
		62.0 to 62.5 Metavolcanic sediments.					
		79.5 to 80.2 Metavolcanic sediments, chlorite, biotite and quartz. 2" contented zone with chlorite quartz and carbonate at the base of the section. ca. 70°.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 10-2

Nom du projet: _____

Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison _____ Profondeur _____

Profondeur: _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
		83.1 to 83.9 Rich in bands of biotite schist up to 2" thick, contented and mixed with quartz, chlorite carbonate zones.								
		85.8 to 87.5 Chlorite schist with carbonate and interlayerd with biotite schist. Contains disseminated Py and traces of arsenopyrites.	F-47	85.8	90.3	4'5"	Nil		Tr	Tr
		108.0 to108.8 Amphibolite.								
		110.8 1" Barren quartz vein.								
		119.3 2" fracture zone with fractures filling of Po, Py.								
125.0	125.8	Metasediment - Amphibole biotite quartz schist.								
125.8	130.9	Quartz feldspar porphyry, sharp content ca.75°.								
130.9	131.6	Metasediment- Amphibole gneiss.								
131.6	138.0	Acidic Tuff- light green, fine grain quartz muscovite variably chloritized.								
		133.1 1" Milky barren quartz vein.								
		134.9 2" Biotite schist.								
		137.2 1" Barren quartz vein.								
		137.7 4" Barren quartz vein ca.65°.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 10-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton		
138.0	139.9	Metasediment - Foliation, ca.35°.										
139.9	170.3	Acidic Tuff - Quartz muscovite, off white, fine grained, last 6" with epidote and highly silicified with blebs of Py.										
		147.0 2" Barren quartz vein.										
		160.9 to 170.3 Barren quartz vein.										
		169.0 to 170.3 Rich in mafics, chlorite and epidote with disseminated Py.										
170.3	172.2	Chlorite schist, broken up.										
172.2	173.3	Intermediate Volcanic-Fine grained, chloritized										
173.3	178.0	Metavolcanic sediment-Chloritized, fine grained with bands of chlorite schist and unchloritized metasediment as narrow beds up to 1" thick. Garnet porphyroblasts in bands associated with chlorite schist.										
178.0	182.1	Acidic Tuff- Finely laminated, fine grained, ca 80°. Last 2" is a barren milky quartz vein with finely disseminated Cpy. and Py. 1% sulphide.										
		180.5 to 182.1 Mineralized zone in brecciated acidic tuff containing Po., Py. and Cpy. as fracture filling, massive over 1" to 2" with stringers up to 2". Sulphide up to 30%.	F-48	180.5	182.1	1'4"	0.11	0.03	0.03	0.02	Tr	

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 10-4

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
182.1	186.4	Volcanic sediment- Chloritized with po and py stringers decreasing in abundance over first 3'. Up to 1% Sulphide.					
186.4	187.5	Chlorite Tuff- Green, very fine grained, with po. & py. stringers up to 1" thick over first foot.					
187.5	190.0	Acidic Tuff- Variably chloritized with occasional narrow <1" stringers of Py. and in bands, disseminated over ¼"					
190.0	195.9	Intermediate Volcanic- Gneissic with porphyroblastic amphibole.					
195.9	196.4	Acidic Tuff- Grey, fine grained. Contains stringers of Po. & Py. and a vein 2" thick. 1% Sulphide.					
196.4	199.2	Intermediate Volcanic-gneissic with porphyroblastic amphibole.					
199.2	199.5	Metasediment- Medium grey, fine grained, quartz biotite. Becomes silicified in depth.					
199.5	200.5	Silicified zone- Mixed metasediment and chlorite schist with quartz gangue and disseminated Py. and Po. <1% Sulphide					
200.5	206.0	Metavolcanic sediment-medium grey, fine grained with disseminated Py. & Po. Last 2" highly silicified.					
206.0	208.1	Andesite- Chloritized, last 4" heavily chloritized and schistose.					
		206.5 1" Quartz feldspar amphibole porphyry.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 10-5

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
208.1	208.7	Quartz Feldspar Porphyry-graphic texture					
208.7	209.5	Metasediment-Medium grey, fine grained, heavily invaded by quartz feldspar amphibole porphyry.					
		209.4 2" Barren milky quartz vein.					
209.5	210.6	Intermediate Volcanic-Heavily alter ed, chloritized, carbonatized, gneissic and contented with traces of disseminated Py. & Po.					
210.6	211.4	Metavolcanic sediment-Partially chloritized					
211.4	217.1	Basic Volcanic-Highly altered, green fine grained, chloritized, silicified, feldsparthized and broken up.					
217.1	232.0	Ultrabasic- Dark grey to black, contains large amphibole phenocrysts up to ½" wide by 2" long in a dark grey green mafic what is fine grained. Magnetic and talcose along fractures. Contact brooken up.					
232.0	236.0	Peridotite- Medium grained, serpentinized, grey green color.					
236.0	238.0	Ultrabasic- Fine grained, light grey green, altered peridotite.					
238.0	243.5	Ultrabasic- Dark grey to black with amphibole phenocrysts.					
243.5	249.5	Ultrabasic- Fine grained, light grey green altered peridotite.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 10-6

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
249.5	264.5	Intermediate Volcanic-Fine grained, dark green, contains disseminated Py. dispersed throughout section also quartz veins up to ½" thick occasional 1" bands of intermediate Tuff ca. 65° to 70° variable.					
264.5	296	Intermediate Tuff- Medium grey finely laminated, fine grained.					
		276.0 to 278.3 Fracture zone with chlorite carbonate gangue.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-1

Nom du projet: Guyer
Trou no.: 76-11

Latitude: 11+65S
Longitude: 92+00W
Altitude:
Azimuth: 200°
Inclinaison: -45°
NTS: 33G6

Vérification Inclinaison — Profondeur
Profondeur: 598'

Grille: 33G6-1E
Commencé: 11-03-76
Terminé: 13-03-76
Géologue: B. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	7.0	Casing					
7.0	9.5	Acidic Tuff- Banded dull grey to brown with bands rich an biotite, very fine grained and finely laminated.					
9.5	42.5	Intermediate Tuff- Dark green, fine grained, finely laminated, variably chloritized. Cut by qua tz carbonate stringers. ca.70° variable.					
		13.6 4" silicified, epidotized zone with carbonate					
		33.8 3" silicified zone with carbonate and disseminated Po. & Py.					
		39.7 2" silicified zone with carbonate and disseminated Po. & Py					
		40.1 3" silicified zone with carbonate and disseminated Po. & Py					
42.5	43.5	Acidic tuff with feldspar phenocrysts, grey brown color. Essentially quartz biotite feldspar.					
43.5	44.0	Intermediate Tuff- Dark green, fine grained, finely laminated.					
44.0	44.4	Acidic Tuff- Contain feldspar phenocrysts, fine grained, grey brown, quartz, biotite and feldspar.					
44.4	120.0	Intermediate tuff- dark green, fine grained, finely laminated					
		47.7 to 48.0 Heavily silicified and contented, variably chloritized. Contains disseminated Po. < 1%					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
		49.8 1" Barren milky quartz vein					
		54.6, 76.6, 70.6 & 77.0 1" Silicified zones with carbonate and disseminated Po.					
		70.0 1" Barren milky quartz vein.					
		78.0 to 78.3 4" Barren milky quartz vein as a fracture filling.					
		79.5 3" Silicified zone with carbonate and chlorite.					
		86.2 2" Silicified zone with epidote and carbonate.					
		94.6 1½" Silicified zone with epidote and carbonate.					
		97.9 1" Barren milky quartz vein.					
		101.0 1½" Silicified zone with epidote. ca. 85° to 90° variable.					
120.0	140.2	Intermediate Volcanic- Amphibole porphyry, amphibole, feldspar and quartz. Contact broken up. Grey green in color, fine grained matrix with amphibole phenocrysts up to 2". Last 5' non-porphyritic tending to be very fine grained.					
		124.1 & 130.1 Band of biotite schist with disseminated Py.					
		139.5 1½" Quartz vein, barren.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
140.2	146.9	Metasediment- Dull grey to dark green, banded, fine grained. Essential constituants quartz, biotite. ca 75°. Occasional stringers of Py & Po. .1" thick					
146.9	151.6	Metasediment- Medium to dark grey, fine grained graphitic, finely laminated, laminae are contorted, possibly due to slumping. Contains Po. and minor Py. as disseminations and stringers throughout the section.					
		147.0 2½" silicified zone					
		150.9 4" Silicified zone					
151.6	156.3	Metasediment- Dull grey to dark green, banded, fine grained, Essential constituents quartz biotite. Contains stringers and fracture filling with Po. associated with silicification. Up to 1% sulphide, amount increases with depth to 5%. Variably graphitic but increasing in depth.					
156.3	158.2	Mineralized zone- Graphitic, dirty grey, fine grained, laminated. Contorted, and silicified. Contains sulphide Po, quartz associated with the silicification with some carbonate. Po. in blebs and stringers and represents 5% of the work.					
		158.1 1" Band of metasediment of quartz biotite, dull brown color.					
158.2	170.3	Intermediate tuff- Dark green color, very fine grained, finely laminated to broadly laminated.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-4

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
		162.0 3½" Silicified, carbonatized zone with Po. stringers.								
		162.8 3" Silicified zone with porphyroblastic garnets.								
		165.0 1" Silicified zone with traces of disseminated Po.								
170.3	173.1	Metasediment- Dull grey, fine grained, graphitic, finely laminated. Contains stringers of po throughout the section, up to 1" thick. ca.85° Essentially quartz graphite.								
173.1	175.3	Intermediate Volcanic- Dark green, fine grained, porphyritic with quartz phenocrysts up to ¼" diam.-eroded.								
175.3	199.5	Intermediate Volcanic-Dark green, fine grained, Amphibole porphyry with eroded quartz phenocrysts which are larger than the amphibole phenocrysts.								
199.5	221.2	Intermediate Volcanic-Fine grained, dark green, Quartz lenses dispersed throughout the matrix and increase in abundance with depth.								
221.2	221.4	Acidic Tuff- Medium grey, fine grained. Contains stringers and disseminated Py & Po.								
221.4	239.6	Metasediment-Dirty grey, fine grained, laminated and graphitic with silicified zones and cross cutting quartz veins. Fracture filling, stringers and massive Po & Py associated with graphite and silicification. up to 10% sulphide.	F-106	234.9	239.4	4'7"	0.04	0.02	Tr	Tr

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-5

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison	Profondeur
Profondeur:	

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
239.6	262.0	Metasediment- Medium to dark grey, fine grained. Less graphitic than above. Contains disseminated and stringers of Py. and minor Po. up to 10% associated with more graphitic zones. Occasional quartz veins barren up to ½" thick.					
		235.4 3" Barren milky quartz vein.					
		238.6 2" Barren milky quartz vein.					
262.0	268.0	Intermediate Tuff-Dark green, fine grained, finely laminated to massive.					
268.0	329.1	Metasediment-Green fine grained, finely laminated. Essentially quartz, amphibole biotite with bands richin biotite up to ¼" thick.					
		276.0 to 276.8 Graphitic metasediment with Po. & Py. stringers and a 2½" quartz, carbonate vein.					
		289.0 1" Barren quartz carbonate vein.					
329.1	331.0	Conglomenate-Matrix of biotite schist with granitoid pebbles elongated parallel to the schistisity, foliation is contented. Silicified and variably carbonatized.					
331.0	341.7	Metavolcanic sediment-Dark green, fine grained matrix of quartz and amphibole with granitoid pebbles floating in the matrix.					
341.7	350.9	Lapilli Tuff-Crystalline. Matrix medium grained with rounded acidic fragments floating in a quartz amphibole matrix.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-6

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
350.9	351.9	Acidic Tuff-White, aphanitic but banded. Essentially quartz biotite. Contact with above sharp ca. 85° to 90°.					
351.9	352.5	Lapilli Tuff.					
352.5	353.5	Metasediments-Medium grey to medium brown. Fine grained. Contorted. Essentially quartz biotite and banded.					
353.5	354.0	Acidic Tuff- Medium grey, fine grained.					
354.0	354.5	Metasediment- Quartz, biotite, fine grained .					
354.5	360.3	Feldspar Porphyry-Feldspar and quartz phenocrysts in a fine grained quartz biotite feldspar matrix.					
360.3	367.1	Metasediment- Dirty grey, fine grained. Quartzite with graphitic laminae. Contains quartz stringers.					
		363.2 3" Barren milky quartz vein.					
367.1	372.1	Metasediment- Medium grey, fine grained, dirty quartzite, occasionnaly graphitic, Contains disseminations, Thin laminae and occasional stringers of Py.					
372.1	442.1	Intermediate Volcanic-Fine grained, dark green. Porphyritic with amphibole phenocrysts in a feldspar, quartz, matrix. Contains cross cutting quartz carbonate stringers and silicified zones up to 1" thick. The size of amphibole phenocrysts increases with depth. There are occasional large quartz, feldspar inclusions of irregular					

minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-7

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
		shape and eroded. The last 3' is fine grained and is porphyritic with very fine quartz, feldspar inclusions and moderately silicified.					
442.1	443.6	Metasediment-Fine grained, dirty grey, graphitic quartzite.					
443.6	445.1	Intermediate Volcanic & Metasediment-Intermixed, contented, silicified & carbonizated.					
445.1	445.6	Barren milky quartz vein with carbonate.					
445.6	451.0	Intermediate Tuff-Green, fine grained variably silicified and carbonatized.					
451.0	456.2	Metasediment-Impure quartzite, grey, fine grained.					
456.2	514.9	Intermediate Tuff-Green, fine grained, silicified. Cut by quartz, potash feldspar intrusions up to 2" thick and also in the from of fracture filling.					
		458.0 to 462.5 Associated zone with silicification & feldspathitisation. (K-spar).					
		462.4 to 467.9 Heavily silicified with carbonate.					
		475.7 to 476.7 Acidic Tuff light green, fine grained, chloritized.					
		479.3 to 480.1 Silicified some with carbonate.					
		482.8 & 483.8 2" Quartz carbonate vein, barren.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-8

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
		483.8 to 484.4 Silicified zone with carbonate.					
		493.9 1" Silicified zone with Po stringer <1".					
		496.5 2" Quartz vein, barren.					
514.9	520.7	Metasediment-Graphitic quartzite, dirty grey, fine grained, laminated. Contains Py. & Po. as disseminations and stringers <1%.					
520.7	548.6	Intermediate Volcanic-Dark green, Progresses from fine to medium grained in depth. Variably silicified with carbonate and cut by quartz stringers.					
548.6	550.0	Metasediment-Graphitic quartzite, laminated ca. 85° to 90°.					
550.0	557.6	Intermediate Volcanic-Dark green, fine grained.					
557.6	562.0	Metasediment-Graphitic quartzite, laminated with occasional Py. & Po. stringers ca. 90°.					
562.0	567.7	Intermediate Volcanic-Green, fine grained, variably silicified with carbonate.					
		565.7 to 566.7 Metasediment-graphitic quartzite.					
		566.2 & 566.9 2" Metasediment -graphitic quartzite.					
567.7	570.2	Intermediate Volcanic-Green fine grained, variably silicified with carbonate. Contains amphibole phenocrysts .1" diam.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 11-9

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison	Profondeur
598'	-45°
Profondeur:	

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
570.2	574.3	Intermediate Tuff-Green, finely laminated.					
574.3	577.6	Metasediments-Graphitic quartzite, dirty grey, fine grained, laminated.					
		576.2 to 576.9 Metasediments-graphitic ca. 90°.					
577.6	586.0	Intermediate Tuff-Green fine grained with silicified zones up to 1" thick with associated carbonate.					
586.0	592.1	Metasediments-Graphitic quartzite, fine grained, dirty grey with occasional 1" to 2' bands of intermediate tuff.					
592.1	598	Intermediate tuff-Green, finely laminated, ca. 85° variable.					
		Dip test at 598', 45°.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 12-1

Nom du projet: Guyer
Trou no.: 76-12

Latitude: 17+00S
Longitude: 128+00W
Altitude:
Azimuth: 200°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison
Profondeur: 308'

Profondeur

Grille: 33G6-1F
Commencé: 15-03-76
Terminé: 16-03-76
Géologue: B. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
0	7.0	Casing.								
7.0	52.3	Gabbro- dark green, medium grained, massive, variably silicified.								
		20.4 Milky quartz lens with po. blebs ½" thick.								
52.3	55.4	Gabbro- fine grained, abrupt change in granularity.								
55.4	66.9	Metasediment- dirty grey, very fine grained, graphitic and bedded, ca. 45°. Contains stringers and fracture filling with po. and py. and can be massive up to ½".								
66.9	84.0	Intermediate Tuff- green, fine grained, variably silicified and carbonatized in zones up to 1" thick.								
		71.0 to 71.2 Garnet porphyroblasts up to . 2" floating in a tuffaceous matrix.								
		71.2 to 71.7 Silicified zone with 2" quartz vein and carbonate.								
84.0	89.2	Metasediment- dirty grey fine grained quartzite, graphitic with narrow quartz veins. Stringers and disseminated po. associated with carbonate.								
		84.6 2" Milky quartz vein with po and carbonate.								
		85.4 3" Milky quartz vein with po and carbonate.	F-107	84.6	86.5	2'			Tr.	Tr.
		85.9 3" Milky quartz vein with po and carbonate.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 12-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
		145.0 2" Quartz, carbonate vein with massive po.					
		147.3 to 147.9 Heavily silicified with carbonate, masks the contact with the underlying gabbro.					
147.9	185.4	Gabbro- dark green, medium grained, cut by quartz carbonate stringers and quartz veins up to 1" thick. Last 10" fine grained. Contact not clear due to assimilation of host rock.					
185.4	216.8	Metasediment- medium grey, becomes graphitic after 186.4 also slumping evident. Starts off as essentially quartz biotite with graphite becoming more abundant. Contains stringers and disseminated po. & py. associated with quartz carbonate and graphite. Amount of graphite and sulphide increases with depth with sulphide increasing from <1% to 15% in some sections up to 6" thick. Stringers can be up to ¼" thick.					
216.8	230.1	Intermediate Tuff- green fine grained to medium grained, partially crystalline with bands rich in biotite up to 2" thick and variably silicified with carbonate.					
230.1	242.0	Metasediment- dirty grey quartzite- graphitic with blebs and stringers of po. & py. associated with graphite and quartz-carbonate. Up to 20% sulphide but partially. Occasional bands of biotite schist, ca. 65°.					
242.0	244.6	Metasediment- banded, quartz biotite, fine grained.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 12-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
		86.0 3" Milky quartz vein with po. and carbonate								
		86.4 1½" Milky quartz vein with po. and carbonate								
89.2	114.4	Intermediate Tuff- green, fine grained, not well banded, variably silicified with carbonate in bands up to ½" thick. Garnet porphyroblasts occasionally associated with silicified zones.								
		102.3 to 102.8 Acidic tuff, light grey, very fine grained.								
114.4	118.2	Metasediment- dirty grey, fine grained, graphitic and laminated with po. & py. disseminations and stringers ca 80°.								
118.2	119.1	Metasediment- light green to medium brown, medium grained, quartz and biotite, banded.								
119.1	144.4	Metasediment- dirty grey, fine grained, graphitic essentially a quartzite. Amount of graphite discreases with depth. Occasional bands of biotite schist up to 3" thick. Stringers of po & py. associated with graphite and quartz carbonate veining. Sulphide can be massive over 2" to 3" but represents less than 1% of the work.	F-108	138.0	142.0	4'	0.02	0.01	0.02	Tr.
		119.2 to 119.7 Pegmatite vein, coarse grained, quartz feldspar with disseminated po.								
144.4	147.9	Intermediate Tuff- green, fine grained, variably silicified with carbonate.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 12-4

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
244.6	292.3	Gabbro- dark green, fine grained over first foot increasing to medium grained, contact gradational due to assimilation. Variably silicified.					
		260.2 to 260.7 Barren milky quartz vein.					
292.3	298.8	Metasediment- Quartzite, fine grained, dirty grey, graphitic. Po.& Py. as blebs and stringers associated with graphite. Amount of graphite increases of the first foot. Finely laminated.					
		295.7 to 296.6 Heavily graphitic with massive Py. & Po. up to 15% sulphide.					
298.8	299.9	Metasediment- quartzite, with biotite, banded, grades into intermediate tuff.					
299.9	208	Intermediate tuff- green, fine grained, finely laminated with occasional bands of quartzite with biotite, most abundant over first 2".					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 13-1

Nom du projet: Guyer
Trou no.: 76-13

Latitude: 3+00S
Longitude: 35+00W
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G11

Vérification Inclinaison | Profondeur
Profondeur: 228'

Grille: 33G11-1
Commencé: 17-03-76
Terminé: 19-03-76
Géologue: B. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire: Hole abandoned after 228' due to rods stuck in hole. Conductor cut at 200'

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	8.0	Casing.					
8.0	46.0	Acidic tuff-off white to light grey, aphanitic and banded.					
		25.4 2' Barren quartz vein					
46.0	57.5	Intermediate tuff-green, fine grained, chloritic, contact with above ca.60° and gradational over 6". Bands of biotite schist up to ½" thick becoming chloritic schist in depth.					
		53.0 to 54.0 Silicified zones with carbonate in stringers up to ½" thick.					
		57.0 to 6" Broken up chlorite schist.					
57.5	60.1	Acidic tuff-medium grey, very fine grained.					
		59.2 2" Barren milky quartz vein.					
60.1	109.3	Intermediate tuff- da k green, broken up, fine grained, ca.70°.					
		79.8 to 86.0 Heavely broken up and chloritized tending towards chlorite schist.					
		85.5 to 86.0 Barren milky quartz vein .					
		86.5 to 2" Acidic tuff.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 13-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
		98.6 5" Metasediment, fine grained, dull grey quartzite.					
		99.8 to 100.0 Metasediment with 1" band of chloritic tuff.					
109.3	125.0	Chlorite schist-green, foliated, very fine grained with occasional stringers of py. up to ½" thick.					
125.0	127.2	Metasediment-dirty grey fine grained quartzite.					
127.2	129.2	Chlorite tuff-green laminated, very fine grained.					
129.2	196.4	Intermediate tuff-dank green very fine grained, laminated contains silicified bands with carbonate up to ¼" thick. Becomes heavily Chloritic tending to chlorite schist particularly around 138'					
		152.8 to 153.3 Barren quartz vein					
		159.7 to 161.1 Heavily chloritic					
		187.5 to 192.0 Heavily chloritic					
196.4	200.5	Metasediment-dirty grey, fine grained quartzite with bands of massive graphite, variably silicified, graphite is barren of sulphide.					
		196.6 11" Graphite					
		198.3 1'1" Graphite					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 13-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
200.5	207.5	Acidic Tuff- chloritized, aphanitic, could be an argillite, massive and not banded.					
		203.1 5" Graphite					
		205.9 1" Graphite					
		206.5 2" Graphite					
207.5	217.1	Chloritic tuff-light green, very fine grained, variably banded					
		208.6 2" Massive amphibole					
		209.1 ½" Massive amphibole					
217.1	217.4	Acidic tuff-or argillite, chloritized, aphanitic . not banded					
217.4	228.0	Intermediate tuff- chloritized, very fine grained, light green.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 14-1

Nom du projet: GUYER
Trou no.: 76-14

Latitude: 1 + 75 S
Longitude: 2 + 00 W
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G/6

Vérification Inclinaison — Profondeur
Profondeur: 299'

Grille: 33G/6-11
Commencé: 24/02/76
Terminé: 25/02/76
Géologue: L. Lavoie, B. Oakes
Entrepreneur: Les Forages Dominik Ltée
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	6.0	Casing.					
6.0	32.6	Metavolcanic sediments, chloritized.					
32.6	46.0	Metasediments, quartz, biotite, finely laminated cut by quartz veins					
46.0	51.1	Metavolcanic sediments.					
51.1	53.4	Metasediments.					
53.4	56.0	Metavolcanic sediments.					
56.0	57.0	Core missing.					
57.0	57.9	Metavolcanic sediments.					
57.9	61.5	Metasediments.					
61.5	62.2	Metavolcanic sediments.					
62.2	81.5	Metasediments.					
81.5	90.0	Acidic tuffs, slightly chloritized with occasional bands of chlorite schists and amphibole .3" to .6" thick ca. 60°.					
90.0	145.6	Intermediate to basic tuff with bands of chlorite schist .2" to .5". Carbonatisation is variable throughout the section.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 14-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au
		135.0 to 135.3, 135.7 to 135.9: mineralized zone with stringers of pyrrhotite ca. 50°.								
		136.2 to 137.1, 137.5 to 137.8: mineralized intermediate tuff with pyrrhotite stringers.	F-29	135.0	137.8	2'7"	0.01	0.02	Tr.	Tr.
		143.2 to 144.0: Mineralized intermediate tuff with irregular massive bands of pyrrhotite up to 1/2" thick.	F-33	138.2	143.2	4'	0.03	0.03	0.01	Tr.
			F-34	143.2	144.0	10"	Tr	0.01	0.01	Tr
145.6	150.0	Acidic tuff with quartz carbonate veins.								
150.0	165.6	Intermediate tuff with carbonate veining.								
165.6	246.9	Banded quartz magnetite iron formation. Magnetite bands from .2" to .6" thick.								
			F-35	235.0	240.0	5'	Tr.	0.01	Tr.	Tr.
		235.0 to 246.9 Disseminated pyrrhotite and pyrite ca. 70°.								
		245.4 to 245.7 Barren quartz vein.								
246.9	253.7	Metasediment, quartz rich, bedded, ca. 70°.								
253.7	299	Metavolcanic sediment, garnetiferous with quartz carbonate veining.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 15-1

Nom du projet: Guyer
Trou no.: 76-15

Latitude: 19+50N
Longitude: 34+00E
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 250'

Grille: 33G6-4
Commencé: 05/02/76
Terminé: 09/02/76
Géologue: R.Desjardin, L.Lavoie
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
0	7.0	Casing.								
7.0	61.5	Greenstone-sections highly fractured and slightly chloritic.								
		- 17' ca. 70°.								
		- 225 carbonate stringers.								
61.5	63.5	Feldspar porphyry dike-sharp contact approx 70° ca.								
63.5	68.5	Metasediment-light grey and brown well banded slightly fractured stringers of py & po.								
		65.6 to 67.0 30% po minor py and cpy.	F-14	64.3	66.1	1'11"	0.03	0.04	0.02	Tr
68.5	68.9	Feldspar porphyry dike.								
68.9	70.8	Metasediment last few inches graphitic with 5% py.								
70.8	73.4	Feldspar porphyry dike.								
73.4	93.1	Metavolcanic-dark green to light grey fairly massive occasional calcite stringers.								
93.1	95.3	Feldspar porphyry dike. 94 to 96.6 quartz vein, bottom contact 80° ca.								
95.3	112.0	Metasediment - occasionally grades into impure quartzite-well developed bedding - 80° ca. scattered pyrrhotite.								
		103.6 to 105.0 10% pyrrhotite 2% carbonate.								

ape minier S E S — JOURNAL DE SONDAGE — Feuille no. 15.2

du projet: _____ Latitude: _____ Vérification Inclinaison _____ Profondeur _____ Grille: _____

Trou no.: _____ Longitude: _____ Commencé: _____

Altitude: _____ Terminé: _____

Azimuth: _____ Géologue: _____

Inclinaison: _____ Entrepreneur: _____

NTS: _____ Profondeur: _____ Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.					
112.0	113.3	Feldspar porphyry dike.										
113.3	113.7	Metasediment.										
113.7	132.0	Meta Tuff - contact with above gradational massive to well banded.										
		- 120.1 to 120.9 quartz vein.										
132.0	136.3	Alternating bands of greenstone and metasediment-quartz-biotite, contact 70^0 ca.										
136.3	154.2	Meta Tuff, well bedded with interl yerd massive volcanics from acid to intermediate in composition, quartz veins.										
154.2	154.5	Quartz vein.										
154.5	156.0	Meta Tuff - Acidic, well bedded with locally disseminated pyrrhotite.										
156.0	160.2	Feldspar porphyry dike, contact 60^0 ca.										
160.2	169.7	Meta Tuff, intermediate with pyrrhotite disseminated.										
169.7	173.0	Feldspar porphyry dike.										
173.0	191.9	Meta Tuff passing from massive to well bedded, cut by fine quartz veins traces of disseminated pyrrhotite.										
191.9	192.8	Metaquartzite, contact 60^0 ca.										

...pe minier S E S _____ JOURNAL DE SONDAGE _____ Feuille no. 15.3

...du projet: _____
Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison _____ _____ _____
Profondeur: _____

Profondeur _____ _____ _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.					
192.8	196.7	Meta andesite cut by quartz veins.										
196.7	201.0	Metavolcanics, intermediate to acidic with pyrrhotite narrow stringers possibly traces of chalcopyrite.										
201.0	211.2	Alternating irregularly intermediate volcanics and graphite and quartz veining disseminated pyrrhotite troughout.										
212	216.6	Metasediment, grey moderately bedded.										
216.6	221.2	Feldspar porphyry with disseminated pyrrhotite.										
221.2	227.5	Interl yerd graphite, quartz and intermediate volcanics, disseminated pyrrhotite up to 20%.										
227.5	230.8	Feldspar porphyry.										
230.8	234.3	Interlayerd graphite, quartz and intermediate volcanics, carbonate fracture filling 4% disseminated pyrrhotite.										
234.3	235.2	Feldspar porphyry.										
235.2	237.5	Metavolcanic, andesitic. Traces of pyrrhotite.										
237.5	239.8	Quartz Feldspar porphyry.										
239.8	249.6	Metavolcanic - andesitic.										
249.6	250.0	Quartz feldspar porphyry.										

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 16.1

Nom du projet: Guyer
Trou no.: 76-16

Latitude: 7+ooN
Longitude: 36+ooE
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison
Profondeur
Profondeur: 384'

Grille: 33G6-4
Commencé: 10/02/76
Terminé: 13/02/76
Géologue: B.Oakes L.Lavoie
Entrepreneur: Forage Dominik
Type de carotte: AO

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	29.0	Casing.					
29.0	48.7	Metavolcanic sediments irregularly bedded with carbonatized bands.8" to 1" traces of muscovite and chlorite . Locally traces of pyrite disseminated.					
48.7	55.4	Meta tuff with bands of biotite schist, 5" thick frequent througtout the section ca 60° & quite rhythmic.					
55.4	68.0	Metasediment macroscopic quartz with feldspar and biotite. Quartz grains in the form of augen. Disseminated pyrite but less than 1%, quartz veining Contains occasional volcanic fragments.					
68.0	78.0	Intermediate tuff interbedded with narrow bands of volcanic sediments, 5" to 1" thick.					
78.0	94.5	Intermediate with bands of biotite and muscovite schist. 1" thick. ca.60° cut by quartz veins 5" to 1" thick.					
94.5	97.0	Metaquartzite with biotite interbedded with narrow bands of biotite schist up to 2" thick.					
97.0	101.9	Intermediate tuff with interlayerd biotite schist 1" thick, ca.60° cut by quartz veins up to 4" thick.					
101.9	108.1	Metaquartzite with biotite and interlayerd with biotite schist. 1" ca 67°.					
108.1	109.9	Intermediate tuff with interlayerd biotite schist, 2" to 6" thick.					
109.9	110.9	Metaquartzite with biotite interlayerd with biotite schist. 1" thick.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 16-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
110.9	120.6	Metavolcanic sediments with carbonatized zones and traces of disseminated pyrite.					
120.6	136.1	Intermediate volcanics with occasional traces of disseminated pyrite.					
136.1	142.0	Interbedded intermediate volcanics and metasediments with biotite.					
142.0	178.0	Metavolcanic sediments, fracture filing with carbonate ca.70^0 & traces of disseminated pyrite.					
		- 159.7 to 159.8 Band of quartzite an acidic tuff.					
		- 159.8 to 163.0 Well bedded, ca 70^0 with qua tz veining, 5" to 8" thick.					
178.0	181.0	Massive intermediate volcanics.					
181.0	181.3	Metaquartzite with biotite.					
181.3	185.0	Intermediate volcanics with quartz carbonate veining. Contains disseminated pyrite.					
185.0	186.7	Metaquartzite with biotite, now gneissose.					
186.7	193.7	Intermediate volcanic with carbonatized zones, 5" to 1.5" thick with associated disseminated pyrite.					
193.7	204.0	Metavolcanic sediments with irregular bedding & narrow bands of chlorite schist & carbonate.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 16-3

Nom du projet: _____ Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison _____ Profondeur _____

Profondeur: _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag g/tm	Au g/tm
204.0	208.5	Massive intermediate volcanics.								
		207.7 Biotite schist with pyrrhotite.								
208.5	209.3	Metavolcanic sediment with narrow occasional bands of massive volcanics.								
209.3	209.8	Intermediate volcanics.								
209.8	227.0	Chlorite schist with carbonate & biotite porphyroblast, occasional layers intermediate volcanics.								
227.0	233.0	Intermediate volcanics.								
233.0	236.5	Intermediate tuff with bands of biotite schist ca. 80° and quartz carbonate veining. Traces of disseminated pyrrhotite.								
236.5	237.8	Metasediments, biotite schist with chlorite ca. 70°. Quartz carbonate veining possible cross bedding.								
237.8	238.6	Mineralized zone, with 7% pyrrhotite massive to stringers.	F-20	237.8	238.6	8"	0.13	0.02	0.04	Tr
238.6	252.7	Metasediment, biotite schist with chlorite, quartz carbonate veining.								
252.7	268.2	Intermediate volcanics, massive, traces of disseminated pyrite and with quartz carbonate veining. ca. 80°.								
268.2	301.5	Intermediate tuff with bands of chlorite and biotite schist, ca. 80°. Quartz carbonate veining. 5" to 1" thick.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 16-4

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
		283.0 to 283.7 Narrow band of acidic tuff ca. 60° Sharp contact.					
301.5	303.0	Intermediate volcanics, massive, traces of disseminated pyrite with quartz carbonate veining. variably chloritized.					
303.0	315.7	Intermediate tuff with bands of chlorite and biotite schist ca 80° & quartz carbonate veining.					
		310.3 to 310.9 Acidic tuff. bedded, ca. 65°, sharp contact.					
315.7	346.7	Massive intermediate volcanics with quartz carbonate veining, variably chloritized.					
		318 to 321.4 Acidic tuff will bedded ca 80°, silicified and carbonatized.					
		331.3 to 321.4 Barren quartz vein.					
346.7	349.2	Metaquartzite with biotite, uniform texture.					
349.2	353.5	Intermediate volcanics, massive, quartz, carbonate veining & variably chloritized.					
353.5	379.7	Intermediate tuff with bands of biotite and chlorite schist, ca. 70° Quartz, carbonate veining. 7" to 1.5" thick.					
379.7	384.1	Acidic tuff, heavily chloritized, quartz veining.					

Groupe minier S E S — JOURNAL DE SONDAGE

Feuille no. 17-1

Nom du projet: GUYER
Trou no.: 76-17

Latitude: 1 + 50 S
Longitude: 2 + 00 E
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison	Profondeur
Profondeur: 250'	

Grille: 33G6-5
Commencé: 15/02/76
Terminé: 18/02/76
Géologue: B.W. Oakes
Entrepreneur: Forages Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Analyse. Ni %	Analyse. Ag oz/ton	Analyse. Au oz/ton
0	58.0	Casing.								
58.0	59.0	Intermediate tuff, porphyritic with feldspar phenocrysts & chloritized.								
59.0	78.0	Intermediate tuff, banding more apparent in depth. Occasional barren quartz veins up to 3/4" apparent thickness. ca 55°.								
		64.7 to 65.3 Disseminated garnet porphyroblasts.								
78.0	79.1	Intermediate tuff with feldspar phenocrysts and chloritized, c.a. 55°.								
79.1	89.9	Acidic tuff, chloritic with remnants of amphibole.								
		85.4 to 86.7 Garnetiferous bands up to .2" diameter.								
89.9	133.5	Intermediate tuff, chloritized with narrow o.1" bands of biotite and epidote along fractures. Occasional quartz carbonate veins.								
		124.1 to 124.4 Disseminated py. in massive quartz.	F-23	124.1	124.4	2"			0.08	0.01
133.5	135.9	Intermediate to basic lavas.								
135.9	175.0	Basic tuff, chloritized with leucocratic bands up to 1" thick, carbonate quartz veining, disseminated py. in lower sections.								
		138 to 143 Heavily fractured with quartz carbonate gangue.								
		161.9 2" of barren quartz with epidote.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 17-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Analyse. Ni %	Analyse. Ag oz/ton	Analyse. Au oz/ton
		169.9 3/ brecciated tuff with quartz gangue.								
175.0	178.5	Metavolcanic sediments.								
		177.1 2" basic tuff with Po, Py stringers 1/4" thick.								
178.5	183.0	Core missing except for 1' 3" of metavolcanic sediment.								
183.0	185.6	Intermediate tuff, chloritized with quartz carbonate bands up to 1/2" thick.								
185.6	188.6	Intermediate tuff and metavolcanic sediments, chloritized with massive blebs and stringers of Py., Po. up to 3/4" thick.	F-21	185.6	190.5	3'10"	0.02	0.01	0.02	0.01
188.6	195.1	Fine grained quartzite or acidic tuff with chloritic bands up to 1/4" thick. Py, Po massive and as 1/4" stringers, also disseminated, represents 20% of the rock.	F-22	191.1	192.0	11"	Tr.	0.01	Tr.	Tr.
195.1	203.2	Intermediate tuff, chloritic and banded with silicic layers.								
203.2	207.9	Acidic tuff.								
207.9	208.1	Basic tuff.								
208.1	250	Banded tuff with alternating intermediate and acidic bands. Po. and Py. disseminated and as stringers. Occasional bands rich in porphyroblastic garnets. Carbonate associated with the more acidic bands. Occasional narrow biotite bands.								
		225.3 to 226.0 Feldspar porphyry intrusion, now gneissic.								
		233.3 to 233.6 Barren quartz vein.								

Groupe minier S E S — JOURNAL DE SONDAGE

Feuille no. 18-1

Nom du projet: GUYER
Trou no.: 76-18

Latitude: 7 + 60 N
Longitude: 14 + 60 E
Altitude:
Azimuth: 200°
Inclinaison: -50°
NTS: 33G/6

Vérification Inclinaison — Profondeur
Profondeur: 301'

Grille: 33G/6-13
Commencé: 19/02/76
Terminé: 21/02/76
Géologue: L. Lavoie
Entrepreneur: Les Forages Dominik Ltée
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	11.0	Casing.					
11.0	112.0	Basic volcanic with silicified bands ca. 65° and carbonate veinlets and rusty patches of oxidised pyrite.					
112.0	131.0	Metasediment, well bedded ca. 65° with siliceous bands and hematized patches. Traces of desseminated pyrite.					
131.0	136.7	Intermediate volcanic with traces of disseminated pyrite.					
		133.7 3/4" quartz vein					
136.7	148.9	Basic volcanics with carbonate veinlets.					
		148.2 to 148.9 quartz vein.					
148.9	190.6	Metasediments, finely bedded with local accumulations of rounded quartz grains.					
		159.5, 174.4, 180.0 Barren quartz veins.					
		182.0 to 183.5 Brecciated metasediment with quartz gangue.					
190.6	195.9	Intermediate tuff cut by carbonate veinlets.					
		194.0 to 194.4 metasediment, quartz rich.					
195.9	198.6	Metasediments, poorly bedded with quartz carbonate veining.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 18-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au
		196.9 to 197.0 Mineralized zone with stringers of py. & po. up to 2% with traces of magnetite.								
		197.0 to 198.6 Mafic zone rich in pyroxene and amphibole with traces of disseminated pc.								
198.6	211.1	Intermediate tuff, quartz carbonate veining.								
		201.7 to 202.4 Mineralized zone with up to 13% sulphide, Py. & Po. disseminated garnet porphyroblasts and possibly some arsenopyrite.	F-28	201.7	202.4	8"	0.01	0.04	0.05	0.02
211.1	217.0	Metasediment, fine grained rich in mafic minerals.								
217.0	226.0	Graphite with pyrite and minor pyrrhotite disseminated.								
226.0	232.0	Metasediment, medium grained, silicified with rounded quartz grains.								
232.0	255.2	Graphitic metasediment with pyrite and pyrrhotite associated with the graphite as disseminations.								
255.2	259.9	Metasediment, slightly schistose with rounded quartz grains.								
259.9	301	Basic volcanics with quartz veinlets and bands of chlorite schist. Traces of pyrite & pyrrhotite, disseminated.								
		279.0 to 281.7 Brecciated basic lavas with a quartz gangue.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 19-1

Nom du projet: Guyer
Trou no.: 76-19

Latitude: 3+75N
Longitude: 36+00W
Altitude:
Azimuth: 150°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 350'

Grille: 33G6-3 West
Commencé: 28-02-76
Terminé: 29-02-76
Géologue: L.Lavoie, B. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
0	5.0	Casing.								
5.0	25.2	Basic volcanics-massive, chloritized to variable degree. Cut by carbonate stringers								
25.2	47.5	Intermediate volcanics-Contains narrow bands 1" to 3" rich in mafic minerals. ca. 50°								
47.5	120.5	Quartz Diorite - medium grained, dark grey. Cut by quartz veins 0.2" to 2" thick.								
		105.7 to 110.0 Fine grained.								
120.5	129.7	Metasediments-Grey, finely laminated. ca. 85°.								
129.7	138.0	Metasediments-Dark to medium grey, fine grained, graphitic, Contains blebs and stringers of Po. & Py. 15% sulphide. Cut by quartz stringers.	F-39	129.7	137.7	8'3"	0.04	0.01	0.02	Nil
138.0	147.6	Metasediments-medium grey, fine grained, Occasional disseminated Po.								
147.6	158.0	Intermediate Volcanic-Contains carbonate stringers.								
158.0	177.5	Metasediments-medium grey, bedded ca. 85°, quartz feldspar biotite.								
177.5	178.9	Quartz Diorite. - medium grained, dark grey green.								
178.9	182.5	Metasediment-medium grey, quartz, feldspar biotite								
182.5	280.2	Quartz Diorite - medium grained, dark grey green, occasionally fine grained.								
		200.0 to 200.4 Quartz vein, barren.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 19-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton		
280.2	290.5	Acidic tuff- Fine grained, with po. stringers and py. disseminated.										
		283.2 to 284.1 Metasediment, graphitic, finely laminated and with beds of metasediment quartz, feldspar, biotite.										
290.5	315.2	Metasediments-grey green, bedded ca. 65°, medium grained										
315.2	325.2	Acidic tuff-Contains po. and minor py. as stringers & fracture filling.										
		316.5 to 319.2 5% sulphide.	F-40	316.5	319.2	2'7"	0.02	0.01	Tr.	Tr.		
325.2	350.0	Quartz Diorite -Greenish grey, massive, variable medium to fine grained.										

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 20-1

Nom du projet: Guyer
Trou no.: 76-20

Latitude: 31+50N
Longitude: 32+00E
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison
Profondeur
Profondeur: 250'

Grille: 33G6-3East
Commencé: 03-03-76
Terminé: 04-03-76
Géologue: L. Lavoie
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	6.0	Casing.					
6.0	78.1	Gabbro-Dark green, variable granularity fine to medium. Cut by quartz veins .2" to 1"					
78.1	78.9	Quartz vein-massive, milky with biotite.					
78.9	80.5	Metasediments-Quartzose with fine bands of biotite schist.					
80.5	88.5	Intermediate tuff-bedded ca.55°. Interlayered with more acidic tuff and sediment.					
		86.8 to 87.2 Metasediments, quartz biotite with stringers and fracture filling po.					
88.5	90.3	Metasediments-Quartzose with biotite. Cut by quartz veins ¾" thick.					
90.3	121.1	Gabbro-Contain zones tending to quartz gabbro					
		120.3 to 121.1 Barren milky quartz vein					
121.1	171.7	Basic Volcanic- Contains rounded quartz inclusions with frequent quartz veins .2" to 1" thick.					
		141.5 to 145.0 Bands of biotite schist.					
		152.0 to 156.2 Bands of biotite schists with blebs of po.					
171.7	172.5	Meta-acidic tuff- Grey, well laminated ca.80°, contains po stringers.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 20-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton		
172.5	194.2	Basic Volcanic- massive, uniform										
194.2	197.2	Metaqua tzite- contains stringers of po										
197.2	211.1	Metasediments with bands of basic volcanic. Contains stringers & blebs of po. & py., graphitic.										
		201.1 to 203.6 3% sulphide py. & po.	F-46	201.1	203.4	2'3"	N.1		Tr	Tr		
211.1	230.7	Gabbro-Variably chloritized.										
230.7	234.3	Metasediment-Quartz biotite.										
234.3	235.4	Gabbro-variably chloritized										
235.4	237.5	Metasediment-Quartz biotite.										
237.5	244.0	Intermediate volcanic.										
244.0	250.	Metasediment-silicified & carbonate in fractures.										

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 21-1

Nom du projet: Guyer
Trou no.: 76-21

Latitude: 11+60N
Longitude: 24+00E
Altitude:
Azimuth: 180°
Inclinaison: -50°
NTS: 33G11

Vérification Inclinaison / **Profondeur**
Profondeur: 250'

Grille: 33G11-3
Commencé: 12-03-76
Terminé: 13-03-76
Géologue: B. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	27	Casing					
27.0	96.9	Acidic tuff-Light grey to grey brown very fine grained variably but lightly chloritized composed essentially of quartz, sericite, biotite and feldspar.					
		34.0 to 34.1 & 39.2 to 39.6 Metavolcanic sediment, quartz, amphibole green with traces of disseminated py. ca. 75°.					
		85.3 to 85.6 Chloritic tuff, highly altered and silicified with carbonate.					
		87.1 to 88.0 idem- with bands of biotite schist 1".					
		88.0 to 88.5 Barren massive milky quartz vein.					
96.9	100.6	Chloritic tuff- Well bedded, dark green fine to medium grained composed of chlorite, quartz, feldspar. Contains occasional barren milky quartz carbonate veins. 1" thick. ca. 65°.					
100.6	103.6	Intermediate Volcanic-Fine grained, greeny grey with dispersed bands of biotite schist over last 6".					
103.6	109.3	Acidic Tuff-Light grey, very fine grained to aphanitic. Composed of quartz, sericite, biotite contains disseminated py. cubes. 1" diameter with a specularite halo.					
109.3	157.5	Intermediate Tuff-Fine grained, dark green, finely laminated variably chloritized and frequently. Cut by quartz, carbonate, epidote stringers. 1" Intermittent 3" bands of acidic tuff.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 21-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison	Profondeur
Profondeur:	

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag Tr oz/ton	Au Tr oz/ton
		143.9 to 144.1 Acidic Tuff, aphanitic, Composed of quartz amphibole chlorite.								
		152.5 to 157.5 Mineralized zone in tuff. Contains concordant bands of massive po. and py. up to ¼" thick. 20% sulphide.	F-103	155.0	160.9	5'9"	Tr	Tr	Tr	Tr
157.5	163.0	Acidic Tuff- Contains bands of biotite schist up to 3" thick.								
		157.5 to 160.9 Mineralized zone with stringers a fractures filling up to 3" thick of po. and py. 20% sulphide.								
163.0	165.0	Metasediment- Medium grained, well bedded, Composition quartz, biotite. ca. 60° Contains traces of disseminated py.								
165.0	173.2	Quartzite- Dirty grey, fine grained, Composed of quartz, biotite								
173.2	183.3	Metasediment- Dirty grey, medium to fine grained banded and contorted. Highly graphitic with po, py stringers which follow banding. or are cross cutting. 15% sulphide. Graphite and sulphide increases after 179.5.								
		173.2 to 179.5 Mineralized zone, Po., Py. stringer, fracture filling and massive up to 2" thick.								
183.3	191.0	Metasediment- medium grey, fine grained. Composition quartz biotite, broadly banded.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 21.3

Nom du projet: _____
Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison _____ _____ _____
Profondeur _____ _____ _____
Profondeur: _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
191.0	205.0	Intermediate Tuff- Medium to fine grained, dark green, variably banded, chloritic. Cuy by quartz stringers up to 2" thick concordant and cross cutting.								
		202.0 to 203.1 Silicified zone with 1" quartz vein and py. stringers.	F-104	201.5	203.0	1'6"			Tr.	Tr.
205.0	213.5	Quartzite- Dirty grey, fine grained, Contains disseminated and stringers of Py. & Po.								
		208.3 to 209.0 Metasediment-quartz biotite, contanted with stringers of Py.								
		209.1 to 205.2 1" Bands of garnetiferous quartzite.								
213.5	214.0	Chlorite schist- Dark green with quartz augen.								
214.0	215.1	Acidic Tuff- Medium grey, fine grained. Contact with above ca. 70° with a 2" pyrite stringer.								
215.1	215.6	Quartz feldspar porphyry.								
215.6	217.2	Amphibolite green- Fine grained, dark green with disseminated Py. Composition amphibole quartz, feldspar chlorite. Represents metavolcanic sediment. ca. 70°.								
217.2	217.7	Acidic Tuff- Medium grey, aphanitic.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 21-4

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Ag oz/ton	Au oz/ton
217.7	250	Amphibolite - Intermediate Tuff, fine grained, Dark green. Composition amphibole, quartz, feldspar and chlorite. Vuggy in places with occasional silicified carbonatized bands up to 1" thick. Py & Po stringers throughout the section and also as disseminations.								
		225.1 to 226.0 Vuggy, strongly epidotized & silicified with fracture filling Py. and minor Po.	F-105	225.1	226.0	10"			Tr.	Tr.
		230.3 to 230.8 Vuggy, void filling with quartz, carbonate chlorite								
		237.7 to 3" Epidotized zone with quartz and carbonate.								
		235.4 to 235.8, 236.0, 1" 2" & 3" respectively. Silicified zones with epidote and carbonate.								
		240.7 to 243.4 Andesite. Dark green, massive very fine grained.								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 22-1

Nom du projet: Guyer
Trou no.: 76-22

Latitude: 2+50N
Longitude: 40+00W
Altitude:
Azimuth: 200°
Inclinaison: -50°
NTS: 33G6

Vérification Inclinaison | Profondeur
Profondeur: 258'

Grille: 33G6-1
Commencé: 08-03-76
Terminé: 09-03-76
Géologue: B. W. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	12.0	Casing.					
12.0	17.0	INTERMEDIATE TUFF- Fine grained, dark grey-green, very finely laminated c.a. 90°. Contains quartz stringers c.a. 40°, 0.1" thick but not abundant. Also very finely disseminated pyrite.					
17.0	57.0	INTERMEDIATE VOLCANIC- Dark grey-green, massive, homogenous, fine grained, with occasional pyrite blebs. 51.0 1" Barren milky quartz vein.					
57.0	65.8	ULTRABASIC- Fine grained, milky green, talcose especially in sections heavily broken up. Also serpentinized and magnetic. Contact with the above broken up. 63.3 to 63.9 Rock highly altered with contorted bands heavily serpentinized and talcose with associated silicification and feldspathisization. 64.9 to 65.8 idem.					
65.8	84.1	ULTRABASIC- Black to dark grey, blotchy with serpentinized olivine phenocrysts in a medium to coarse grained matrix. Serpentinisation is variable throughout the section. Possible contact with the above c.a. 20°. 68.0 1" band of antigorite. 72.7 to 73.3 Serpentinized and feldspathized zone, also talcose.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 22-2

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Ni ppm					
		78.0 3" Serpentinized zone also talcose.										
		78.6 2" idem										
		83.6 6" Strong serpentinisation with kaolinisation and broken up.										
84.1	86.6	METAVOLCANIC SEDIMENT- Dark grey, fine grained, finely banded, essentially quartz, biotite with minor feldspar and chlorite. Contact with the above ultrabasic c.a. 65° but not definite.										
86.6	87.1	ULTRABASIC- Fine grained, milky green, serpentinized. Contains large amphibole phenocrysts up to 2" long, especially abundant over the last 4".										
		86.6 and 86.9 ¼" barren quartz vein.										
87.1	135.6	ULTRABASIC- Black to dark grey, medium to coarse grained. Variably porphyritic with amphibole and olivine phenocrysts, the latter being variably serpentinized and not as large as the amphibole.	F-50	95.6	100.7	5'	1640	SiO_2	% 39.30	Al_2O_3	% 2.73	
								Fe_2O_3	% 10.80	MgO	% 38.62	
								CaO	% 2.37	K_2O	% 0.08	
		110.0 to 115.0 Ultrabasic, heavily serpentinized and cut by asbestos veinlets 0.1" thick.						Na_2O	% N.D.	TiO_2	% 0.12	
								P_2O_5	% 0.016	MnO	% 0.02	
								S	% 0.15			
		118.0 1" asbestos vein										
		120.8 1" asbestos vein.										

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 22-3

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
135.6	138.8	ULTRABASIC- Medium grey-green, medium grained, talcose. Peridotite.					
138.8	140.5	ULTRABASIC- Black to dark grey, medium to coarse grained, variably porphyritic with amphibole and olivine phenocrysts, somewhat talcose.					
140.5	142.5	METASEDIMENT- Medium brown, fine grained, Composition quartz, biotite. Banded with 1" to 2" beds of chlorite schist. First 6" broken up chlorite schist. C.a. 70°. Contact with the ultrabasic not visible.					
142.5	153.9	INTERMEDIATE TO BASIC TUFF- Dark green, fine grained. Contains porphyritic bands with feldspar phenocrysts up to 0.2" diameter. Variably chloritized with silicified, carbonatized bands up to 1½" thick.					
153.9	165.1	METASEDIMENT- Fine grained, medium brown. Composition quartz biotite, bedding c.a. 50°.					
		157.7 1½" barren quartz vein, fracture filling.					
		158.1 1" barren quartz vein c.a. 85°.					
165.1	170.6	METASEDIMENT- Dark grey, dirty quartzite. Composition quartz, biotite. Fine grained.					
170.6	172.6	ACIDIC TUFF- Grey, aphanitic.					
172.6	187.0	METASEDIMENT- Dark grey dirty quartzite, fine grained. Contains traces of disseminated pyrite.					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 22-4

Nom du projet:
Trou no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison — Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Analyse. Ni %	Analyse. Ag oz/ton	Analyse. Au oz/ton
187.0	189.0	MINERALIZED ZONE- Host rock quartzite, silicified and epidotized. Contains mostly pyrite with minor pyrrhotite as dissemination and stringers and massive up to 2" thickover an apparent thickness of 2'. Stringers are mostly 0.2" thick. Sulphide represents 20% of the rock.	F-101	187.0	189.0	2'	0.02	0.01	Tr	Tr
189.0	193.9	METASEDIMENT- Dark grey dirty quartzite, fine grained. Essentially composed of quartz and biotite with disseminated pyrite and minor pyrrhotite. Up to 1% sulphide.								
193.9	198.9	ACIDIC VOLCANIC- Strongly epidotized to a yellow green colour. Contains fracture filling and stringers of pyrite and minor pyrrhotite with some massive pyrite in well developed cubes.	F-102	193.9	198.5	4'6"	0.01	0.01	Tr	Nil
198.9	202.7	METASEDIMENTS- Essentially quartz, biotite, medium brown, fine grained. 202.3 to 202.7 Slumping, chloritized and truncated at the base by a 1" quartz vein containing 0.1" stringers of pyrite and pyrrhotite.								
202.7	258	INTERMEDIATE TUFF- Fine grained, green, laminated and chloritized. C.a. 60° variable								

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 1-1

Nom du projet: Yasinski
Trou no.: 76-1

Latitude: 6+00W
Longitude: 0+00
Altitude:
Azimuth: 320°
Inclinaison: -50°
NTS: 33F3

Vérification Inclinaison	Profondeur
Profondeur: 200'	

Grille: 33F3-1
Commencé: 18-03-76
Terminé: 20-03-76
Géologue: B. Oakes
Entrepreneur: Forage Dominik
Type de carotte: AQ

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse.
0	5.0	Casing.					
5.0	95.0	Intermediate Tuff- Green, very fine grained moderately chloritized, cut by quartz carbonate stringers some of which contain po. one in particular at 31.3 is over 2". Banding has a core angle of 45°					
		46.6 to 47.7 Core broken up.					
		49.9 to 55.0 Finely laminated with ab ndant quartz carbonate stringers parallel to and cross cutting the banding.					
		65.3 to 69.1 Finely laminated and heavily chloritized progressing into a chlorite schist, ca. 30° to 50° variable					
		61.2 1" Barren milky quartz vein plus carbonate					
		68.8 1½" Barren milky quartz vein plus carbonate					
		69.6 3" Barren milky quartz vein plus carbonate ca. 55° sharp contact bounded by 2" of biotite chlorite schist top & bottom.					
		69.9 to 74.4 Finely laminated tuff. silicified and carbonatised.					
95.0	100.4	Basic tuff- black, very fine grained, heavely laminated with quartz carbonate stringers and veins.					
		97.3 2" Barren milky quartz vein					

Groupe minier S E S — JOURNAL DE SONDAGE — Feuille no. 1-2

Nom du projet: _____ Latitude: _____ Vérification Inclinaison _____ Profondeur _____ Grille: _____

Trou no.: _____ Longitude: _____ Commencé: _____

Altitude: _____ Terminé: _____

Azimuth: _____ Géologue: _____

Inclinaison: _____ Entrepreneur: _____

NTS: _____ Profondeur: _____ Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Pb %	Zn %	Ag oz/ton	Au oz/ton
100.4	103.3	Metasediment- Heavely laminated, dark grey, very fine grained and graphitic with py minor po disseminated and as stringers. Odd specks of galena can be found scattered throughout the section. ca. 60°										
103.3	105.6	Basic Tuff- Black to dark grey, very fine grained.										
105.6	106.4	Basic Tuff- Containing stringers of py and cpy, sulphide content up to 25%, cut by a 7" barren milky quartz vein.										
106.4	114.5	Basic Tuff- Massive to finely laminated, dark green to black, very fine grained with occasional crosscutting quartz stringers.										
114.5	123.6	Metasediment- dark grey, very fine grained and finely laminated with silicified zones and stringers po., py. and traces of cpy. also finely and widely disseminated galena, Up to 25% sulphide.	F-109	115.0	120.0	5'	0.05	0.02	0.02	0.01	0.02	Tr.
123.6	125.5	Chlorite Tuff-intermediate composition, green and very fine grained. Cut by silicified and carbonatised bands up to 2", also contains stringers of po. and py. up to 10% sulphide ca 55°.										
125.5	133.5	Intermediate Tuff- green, very fine grained and finely laminated, somewhat fractured with quartz carbonate infilling fractures. At 130.9 po stringers up to ½" and disseminated in a 1" band.										
133.5	139.0	Acidic Tuff- medium grey, very fine grained with feldspar phenocrysts rounded with an alteration halo, now with a gneissic texture.										

ape minier S E S — JOURNAL DE SONDAGE — Feuille no. 1-3

au projet: _____ Trou no.: _____

Latitude: _____
Longitude: _____
Altitude: _____
Azimuth: _____
Inclinaison: _____
NTS: _____

Vérification Inclinaison _____ Profondeur _____

Profondeur: _____

Grille: _____
Commencé: _____
Terminé: _____
Géologue: _____
Entrepreneur: _____
Type de carotte: _____

Commentaire: _____

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Analyse. Cu %	Ni %	Pb %	Zn %	Ag oz/ton	Au oz/ton
		138.0 to 139.0 Contains stringers of po. galena and possible sphalerite up to 30% sulphide.	F-110	138.0	139.0	1'		0.04	0.66	0.50	0.08	Tr
139.0	167.5	Intermediate Tuff- First foot contains feldspar phenocrysts floating in a very fine grained matrix. Contains stringers of py and po. with py the dominant sulphide with traces cpy.										
		140.1 ½" zone of mineralisation with po, galena and possible sphalerite associated with silicification and carbonate.										
		141.8 to 142.1 Metasediment- constanted and probably represents slumping, contains occasional stringers and disseminated py.										
		160.2 5" Barren milky quartz vein.										
167.5	168.6	Acidic Tuff- medium grey, very fine grained with feldspar phenocrysts which are roded and rounded.										
168.6	170.9	Intermediate Tuff- green, very fine grained, finely laminated with quartz carbonate stringers also stringers of py, po and some cpy. ca 55°										
170.9	173.3	Acidic Tuff- gradational contact with above, medium grey, very fine grained essential quartz and biotite										
173.3	176.1	Chlorite schist- with bands of biotite and small quartz augen 2.1" last 4" contain disseminated py 25%.										

minier S E S — JOURNAL DE SONDAGE — Feuille no. 1-4

projet:
no.:

Latitude:
Longitude:
Altitude:
Azimuth:
Inclinaison:
NTS:

Vérification Inclinaison | Profondeur
Profondeur:

Grille:
Commencé:
Terminé:
Géologue:
Entrepreneur:
Type de carotte:

Commentaire:

Profondeur de	Profondeur à	Description.	No d'échantillon	Echantillon de	Echantillon à	Echantillon long	Cu %	Ni %	Pb %	Zn %	Ag oz/ton	Au oz/ton
176.1	180.5	Metasediment- very fine grained, dull grey, finely laminated and graphitic. Contains stringers up to 1" of py and some cpy with possible galena very fine.	F-111	177.5	180.0	2'6"	0.04	0.05	0.01		0.02	Tr
		179.0 to 179.5 Quartz vein with py stringers.										
180.5	200.	Intermediate Tuff- chloritized, very fine grained, green coloured, silicified and laminated ca 55°. Contains occasional stringers of py and some cpy up to 2" thick. last 1" well laminated and sulphide.										