

GM 58101

RAPPORT ANNUEL D'EXPLORATION 2000, SECTEUR CHIBOUGAMAU, CONCESSION MINIÈRE CM-437 (1119)

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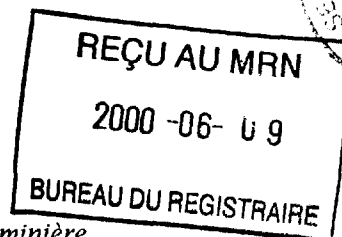
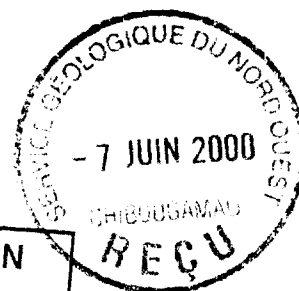


RAPPORT ANNUEL D'EXPLORATION 2000
DISTRICT DE CHIBOUGAMAU
SECTEUR CHIBOUGAMAU
CONCESSION MINIÈRE CM-437 (1119)

MRN-GÉOINFORMATION 2000

GM 58101

Pierre Folco
Géologue-chef de projet
Juin 2000



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SOQUEM INC

UNE FILIALE DE SCF MINÉRAL INC.

Un partenaire de choix en exploration minière.

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En prévision de la destruction et de la restauration du site de l'entrepôt de la mine Québec Chibougamau, propriété de Ressources Meston Inc., les boîtes de carottes de plusieurs projets ont été données à SOQUEM INC.. Parmi les boîtes récupérées, plusieurs provenaient de forages effectués sur la concession minière 437, située dans le canton McKenzie.

Les carottes de forages récupérées de la concession minière 437 sont QC-17 à QC-46 forés par Ressources Camchib Inc (Campbell) entre 1981 et 1983 sur plusieurs zones cupro-aurifères, dont la zone "A" (Québec Chibougamau Gold Mines : production 212 000 tm à 2.81 g/t Au et 1.80 % Cu, réserves 335 000 tm à 1.6 g/t Au et 1.68 % Cu).

L'étude préliminaire des carottes a permis de répertorier de nombreux intervalles cisailés, altérés et minéralisés en sulfure, qui n'avaient pas été échantillonnés. Un échantillonnage complémentaire a donc été entrepris sur les intervalles disponibles des 3 forages (QC-18, 19 et 25). Au total, 285 échantillons, représentant 396.7 m de carottes, ont été prélevés et analysés pour l'or, l'argent, le cuivre et le zinc. Les teneurs obtenues ne révèlent aucune nouvelle zone fortement anormale en or (>155 ppb Au).

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1.0 INTRODUCTION

Les travaux décrits dans le présent rapport avaient pour objectif de poursuivre l'évaluation du potentiel de la concession minière CM-437. Pour ce faire, les intervalles disponibles des 3 forages (QC-18, 19 et 25) de Ressources Camchib inc. ont fait l'objet d'une nouvelle description sommaire et d'un échantillonnage complémentaire.

2.0 CONCESSION MINIÈRE CM-437

2.1 Localisation et accès

La concession minière est localisée à moins de 4 kilomètres au sud-est de la ville de Chibougamau. Elle est facilement accessible en empruntant un chemin asphalté reliant Chibougamau avec les anciennes mines du secteur (Figure 1).

2.2 Titres miniers

La concession minière CM-437 fait partie de la propriété Chibougamau (1119), propriété de Ressources Meston inc. et sous option par SOQUEM INC. La concession a une superficie de 1.8 km² hectare nécessitant des redevances annuelles de 6 291.25 \$.

2.3 Travaux antérieurs (D'Amboise, P. 1997)

C'est la compagnie Kokko Creek Mining Corporation qui a effectué les 21 premiers forages, totalisant 3 564 pieds en 1951. En 1955, Québec-Chibougamau Goldfields faisait l'acquisition de la propriété et complétait en 1957, 80 910 pieds de forage de surface (Q101 à Q210). Ils foncèrent un puits d'exploration à une profondeur de 845 pieds pour donner accès à la veine "A". La forte baisse du prix du cuivre en 1957, entraîna l'abandon des travaux.

De 1962 à 1969, Northgate - Patino acquiert 50 % des droits sur la propriété et produit, au cours de cette période, 207 502 tonnes à une teneur de 3.1 g/t Au et de 1.86 % cuivre. Ce minerai provenait de la veine "A", à partir de 32 chantiers répartis sur 5 niveaux.

En 1970, Campbell acquiert la propriété. Ils ont effectué des tranchées sur les zones "C, G, H, et I". En 1974, ils percèrent une rampe pour miner deux chantiers dans le pilier de surface de la veine "A". Par la même occasion, ils minèrent à ciel ouvert quelques tranchées dans la veine "H". Ces deux opérations ont produit 29 000 tonnes à 1.0 g/t Au et 1.28 % Cu. La même année, la compagnie fonce quatre galeries à partir de Cedar Bay, pour explorer et mettre en production quatre chantiers dans la veine "G", pour un tonnage de 12 539 tonnes à 0.89 g/t Au et 1.45 % Cu. Par la suite, Campbell effectue quelques forages de surface en 1981, en 1982 et en 1983.

En 1988, la compagnie Holmer Gold Mines Ltd prend une option sur la propriété. Elle dénoie la mine et fait refaire l'échantillonnage des galeries accessibles. Pendant ce temps, dix-huit (18) forages sont réalisés (16 935 pieds) à partir de la surface, principalement sur les extensions latérales de la veine "A". Cette compagnie laisse tomber l'option en 1992.

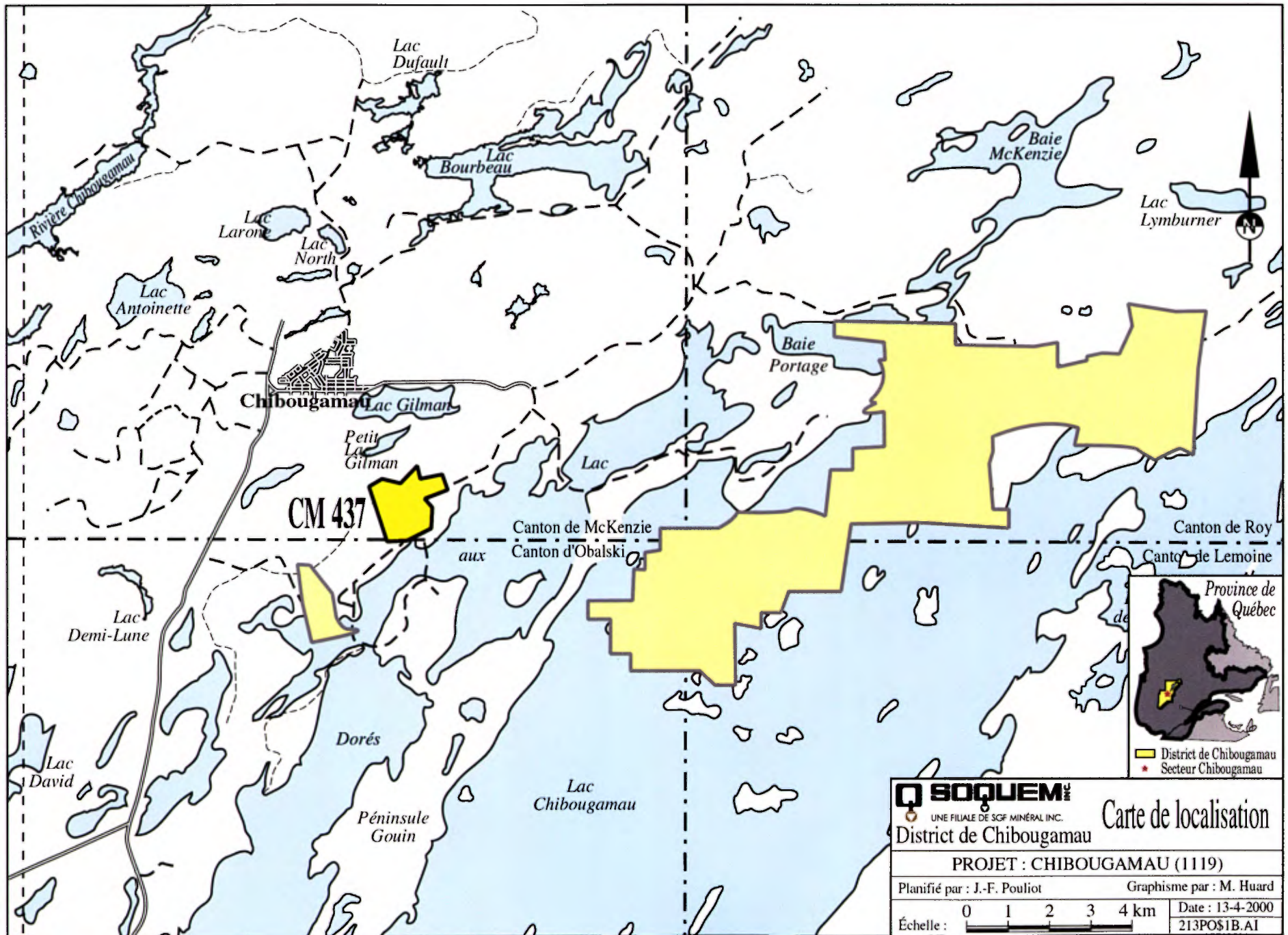


Figure 1

En 1994, SOQUEM INC. effectue un forage de 196 m afin de vérifier une structure NO-SE. Aucune teneur significative n'a été obtenue.

En octobre 1997, SOQUEM INC., suite à une compilation des données, identifie 18 cibles d'intérêt. Ces dernières ont fait l'objet de prospection et de 13 décapages mécaniques. Un échantillon choisi provenant d'une veine de sidérite, minéralisée en pyrite et en chalcoppyrite, a donné une teneur de 266 g/t Ag et 2.11 % Cu.

En 1998, Géola effectue, pour le compte de SOQUEM INC., un levé de polarisation provoquée de 5.5 km. Le levé a permis de délimiter 6 anomalies de chargeabilité.

Finalement en 1999, SOQUEM INC. effectue un forage d'exploration de 162 m qui permet d'expliquer l'extension NW de la Zone C. Cependant, aucune teneur significative n'a été obtenue.

3.0 GÉOLOGIE RÉGIONALE

La région de Chibougamau, limitée à l'est par le front du Grenville, est localisée dans la partie orientale de la Zone Volcanique Nord Polycyclique (Chown et al., 1992) reliant les camps miniers de Matagami et de Chibougamau. Les roches archéennes sont divisées, par une discordance érosionnelle, en deux groupes : les Groupes de Roy et d'Opémisca. Le Groupe de Roy est composé de deux cycles volcaniques. Le premier cycle comprend les volcanites mafiques de la Formation d'Obatogamau à la base, surmontées par les volcanites et les pyroclastites felsiques de la Formation de Waconichi, incluant la formation de fer du Lac Sauvage. Le deuxième cycle est composé des volcanites mafiques de la Formation de Gilman et des volcanoclastites felsiques de la Formation du Blondeau (Figure 2). Les Formations du Groupe de Roy sont recouvertes par les sédiments épicycliques archéens de la Formation de Stella, qui font partie du Groupe d'Opémisca. Les roches faisant partie du premier cycle volcanique ont été recoupées par une intrusion synvolcanique, nommée Complexe du Lac Doré, tandis que celles appartenant au deuxième cycle ont été recoupées par les filons-couches du Complexe de Cummings. Le Complexe lité du Lac Doré, de composition anorthositique, se retrouve sur les flancs sud et nord de l'anticlinal de Chibougamau, dont le centre est occupé par le Pluton de Chibougamau (Figure 2), tandis que les filons-couches de Cummings sont localisés sur le flanc nord de l'anticlinal.

4.0 GÉOLOGIE DE LA PROPRIÉTÉ

La majeure partie de la concession minière 437 est composée d'anorthosite et de gabbro appartenant au Complexe du Lac Doré.

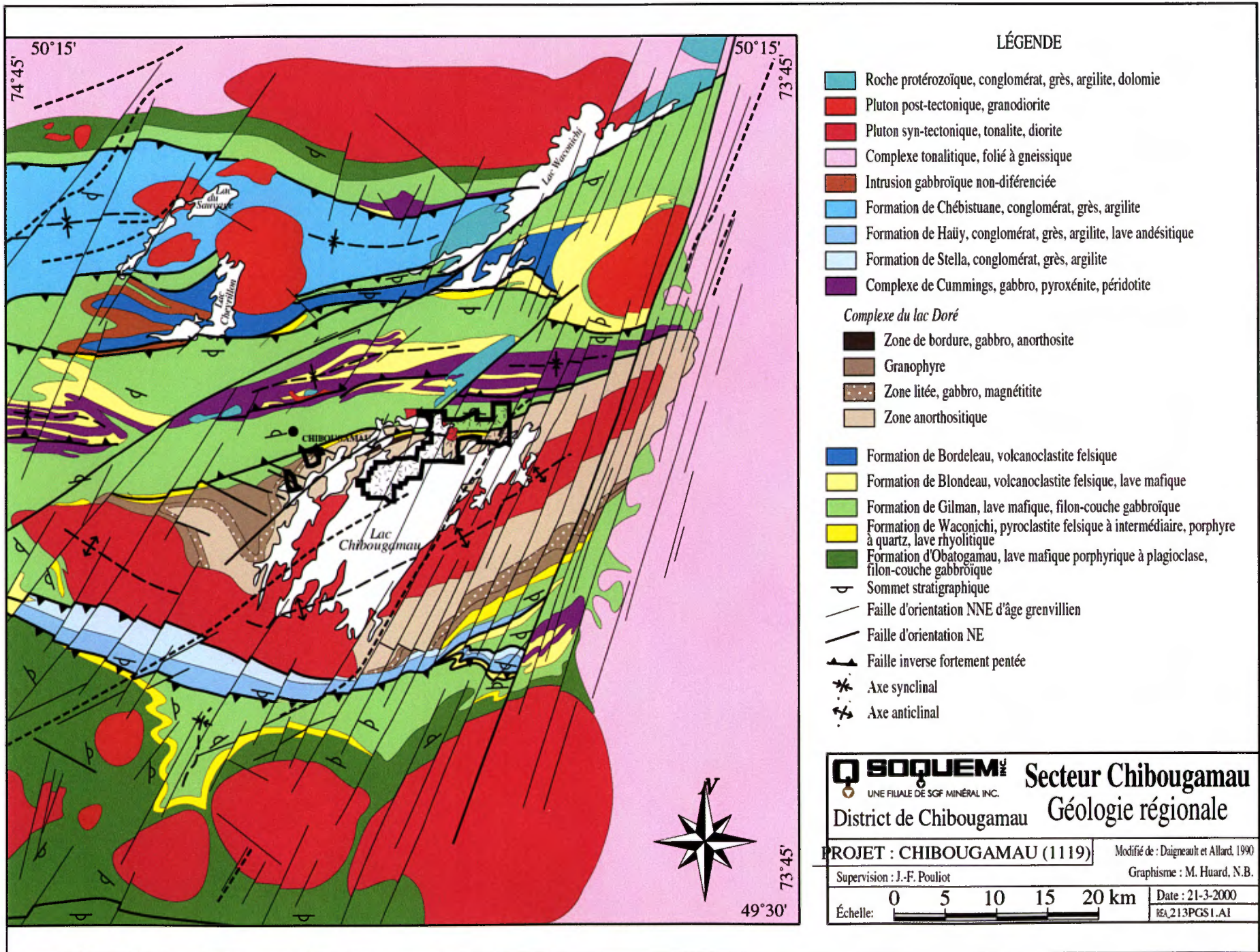


Figure 2

5.0 RÉSULTATS DES TRAVAUX D'EXPLORATION 2000

5.1 Échantillonnage complémentaire des forages de Ressources Camchib inc.

Avant la destruction et la restauration du site de l'entrepôt de la mine Québec-Chibougamau, propriété de Ressources Meston Inc., les boîtes de carottes de plusieurs projets ont été données à SOQUEM INC. Parmi les boîtes transférées, plusieurs provenaient de forages effectués sur la concession minière 437 située dans le canton McKenzie.

Les forages récupérés sont QC-17 à QC-46, réalisés par Ressources Camchib inc. - Campbell entre 1981 et 1983 sur plusieurs zones cupro-aurifères de la concession. Les principales zones sont "A" (Québec Chibougamau Gold Mines : *production 212 000 tm à 2.81 g/t Au et 1.80 % Cu, réserves 335 000 tm à 1.6 g/t Au et 1.68 % Cu*), "B", "C", "G" (extension de la Zone Cedar Bay : *production : 12 539 tc à 0.026 oz/t Au et 1.45 % Cu*) et, "I" qui sont orientées NW-SE et comprises entre les Zones Cedar Bay et Kokko Creek.

L'étude préliminaire des carottes montrait de nombreux intervalles cisailés, altérés et minéralisés en sulfure qui n'avaient pas été échantillonnés. C'est pourquoi une description sommaire et un échantillonnage complémentaire ont été entrepris sur les sections disponibles des 3 forages (QC-18, 19 et 25). La description des carottes est l'œuvre des géologues Josée Gauthier et Dominique Richard. Au total, 285 échantillons représentant 396.7 m de carottes, ont été prélevés et expédiés au laboratoire Techni-Lab de Ste-Germaine Boulé. Les échantillons ont été analysés pour l'or, l'argent, le cuivre et le zinc. Les méthodes utilisées pour la détermination des teneurs sont la pyroanalyse et l'absorption atomique pour l'or et l'absorption atomique pour l'argent, le cuivre, le zinc et le nickel.

Le plan de localisation des forages, à l'échelle 1 : 10 000, est illustré à la figure 3. Les statistiques et les résultats des forages apparaissent au tableau I. Les sections transversales sont présentées aux figures 4, 5 et 6. Les journaux de forage, soit les nouveaux de SOQUEM INC. et les originaux de Ressources Camchib, se trouvent respectivement aux annexes I et II.

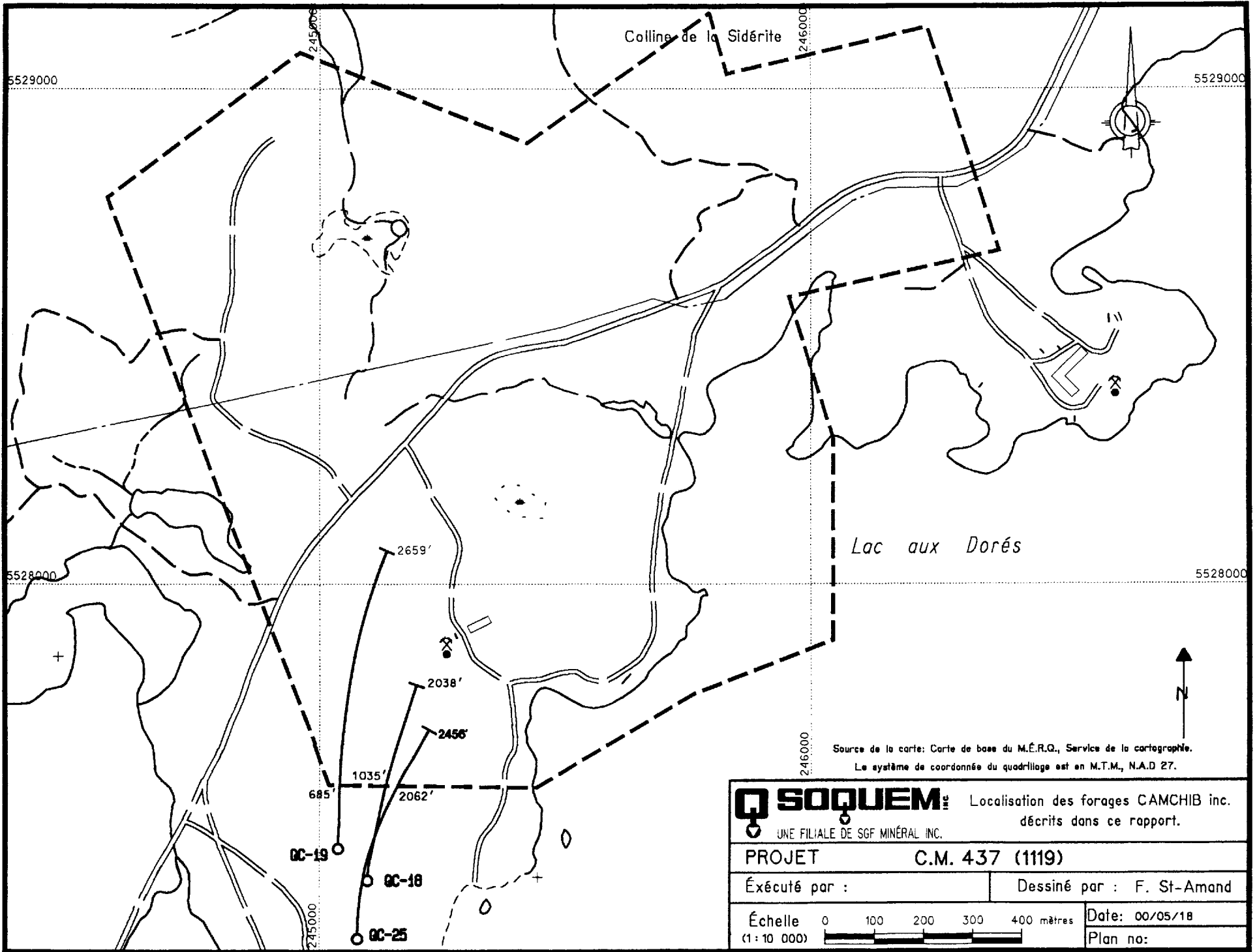


FIGURE 3

Tableau I
Statistiques et résultats de l'échantillonnage complémentaire

Forage	Longueur (pi)	Chainage dans la concession minière (pi)	Carotte disponible (pi)	Échantillon (nombre)	Échantillon (longueur en pi)	Résultats* Meilleure teneur
QC-18	2038	1035 à 2038	1035 à 2038	150	691.28	155 ppb Au / 3.50'
QC-19	2659	685 à 2659	685 à 1519	110	486.4	82 ppb Au / 1.0'
QC-25	2456	2062 à 2456	2062 à 2283	25	123.9	22 ppb Au / 6.0'
Total	7153	3371	2058 soit 61%	285	1301.58 ou 396.7 m	

*Sur les nouveaux intervalles échantillonnés.

Les forages ont recoupé, dans leur totalité, l'anorthosite du Complexe du Lac Doré. De nombreux dykes décimétriques de composition intermédiaire ont été observés. Des zones de cisaillement, de puissance métrique à pluridécamétrique avec des altérations en carbonate, en séricite et en chlorite associées à des veines centimétriques de quartz-carbonates sont présentes dans les trois forages. Une faible minéralisation en pyrite (< 1 %) est présente dans les zones altérées et cisillées. Les résultats d'analyse ne révèlent pas de nouvelle zone fortement anormale en or (>155 ppb Au).

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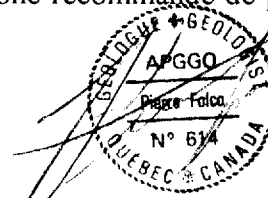
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6.0 CONCLUSION

L'échantillonnage complémentaire des intervalles disponibles des 3 forages de Ressources Camchib inc. a permis de vérifier toutes les zones altérées et cisillées qui contenaient localement une faible minéralisation en pyrite. Aucune analyse n'a retourné de teneur significative.

7.0 RECOMMANDATIONS

La concession minière 437 est l'hôte de plusieurs zones cupro-aurifères dont la zone "A" (Québec Chibougamau Gold Mines : production 212 000 tm à 2.81 g/t Au et 1.80 % Cu, réserves 335 000 tm à 1.6 g/t Au et 1.68 % Cu). La récupération des carottes de forages QC-17 à QC-46, distribués sur l'ensemble de la concession minière, par SOQUEM INC., permet de poursuivre l'évaluation de la concession. Il est donc recommandé de poursuivre l'échantillonnage complémentaire de ces forages.



Pierre Folco
Géologue, chef de projet

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ANNEXE I
JOURNAUX DE FORAGE AVEC
ÉCHANTILLONNAGE
COMPLÉMENTAIRE

SOQUEM (Chibougamau)

JOURNAL DE SONDAGE

Propriété: 1119

Trou no: QC-18 Zone no: Zone A Contracteur: Les Forages Ungava Inc Débuté le: 15/07/81
Canton : McKenzie Rang : Claim no: C.M.437 Terminé le: 20/08/81
Lot : Niveau : Surface Section: Lieu de travail: Chibougamau

Coordonnées au collet Ligne : 6+50 pS Latitude:5527403.62 mN Azimut: 360° 0' 0"
Station: 41+50 pE Longitude: 245097.97 ME Inclinaison: -50° 0' 0"
Système de référence: MTM NAD 27 Elévation: 1000.00 Longueur: 2038.00 P

Arpenté par:

Tests de déviation

Profondeur	Inclinaison	Az Corrigé
200.00 P	-49°30' 0"	12° 0' 0"
400.00 P	-50°30' 0"	12° 0' 0"
600.00 P	-50° 0' 0"	-
800.00 P	-50° 0' 0"	12° 0' 0"
1000.00 P	-49° 0' 0"	-
1200.00 P	-50° 0' 0"	16° 0' 0"
1400.00 P	-47°30' 0"	-
1600.00 P	-48° 0' 0"	18° 0' 0"

Remarques : *Un numéro d'échantillon précédé de la lettre R indique une reprise sur l'échantillon de Camchib.

Débit d'eau:
Cimenté : non

Bouchon:
Dimension de la carotte: BQ

Journal par: Dominique Richard

Rédigé le: 05/04/00

Trou no: QC-18

DE (P)	A (P)	DESCRIPTION	Echan.	DE (P)	A (P)	Long (P)	Au ppb	Ag ppm	Cu ppm	Zn ppm			
0.00	1035.00	Inf. N.D. Morts-terrains 4 pieds. Le chainage sur les boîtes est arrondi au pied près. De 0.0 à 1035.0 hors propriétés. Informations non définis											
1035.00	1272.80	I3G,l,àI3H,CL,CC+,SR/ST,<1% V,Vn QZ-CC Leuco anorthosite massive, avec quelques passages d'anorthosite gabbroïque, grise pâle, porphyroblastes de plagioclases variant de 3 mm à 7 cm, en général de 1 à 3 cm. La matrice est chloritisée faiblement à fortement. Recoupé par des petits dyke décimétriques (I2) à quelques endroits. Les plus importants sont mentionnés ci-bas. Petits minéraux roses dans la matrice (axinite ou rhodocrosite)?? Passage schisteux variant entre 40° et 50°A.C. Quelques passages silicifiés avec contact net à 70°A.C. <1% veines mm à cm de QZ-CC à 70°A.C. au début et variant entre 10° et 60°A.C. pour le restant du trou. La roche est moyennement à fortement carbonaté en général.	120424	1039.90	1043.90	4.00	13	1.5	4	20			
			120425	1043.90	1046.90	3.00	28	2.5	30	65			
			120426	1049.50	1053.00	3.50	23	1.5	16	45			
			120427	1053.00	1056.00	3.00	23	1.5	13	15			
			120428	1068.50	1071.50	3.00	23	2.0	9	45			
			120429	1071.50	1074.50	3.00	20	1.0	14	10			
			120430	1086.00	1090.00	4.00	23	1.5	11	15			
			120431	1093.00	1098.00	5.00	23	2.0	24	30			
			120432	1103.40	1109.40	6.00	20	2.0	20	35			
			120433	1110.90	1113.90	3.00	20	2.0	48	50			
			120434	1118.40	1121.40	3.00	20	2.0	7	40			
			120435	1125.00	1128.00	3.00	30	2.0	7	40			
			120436	1131.50	1134.50	3.00	20	2.0	6	55			
			120437	1134.50	1140.50	6.00	10	2.0	7	35			
			120438	1144.00	1148.00	4.00	5	1.5	9	15			
			120439	1151.20	1154.20	3.00	20	1.5	8	20			
			120440	1166.00	1170.00	4.00	15	1.5	12	15			
			120441	1198.00	1204.00	6.00	15	2.0	13	30			
			120442	1204.00	1206.50	2.50	30	2.0	19	35			
			120443	1206.90	1210.30	3.40	25	2.5	98	55			
			120444	1211.00	1214.00	3.00	30	4.5	21	190			
			120445	1218.30	1223.30	5.00	30	2.0	9	45			
			120446	1230.00	1233.00	3.00	30	2.5	21	130			
			120447	1239.00	1243.00	4.00	28	2.0	15	85			
			120448	1243.00	1248.00	5.00	28	2.0	15	150			
			120449	1248.00	1251.00	3.00	25	1.0	140	50			
			120501	1261.80	1266.80	5.00	<2	2.0	26	34			
1272.80	1567.00	I3G,l, CIS CC+,SR+/ST+,CL,<1% INJ PY Cisaillement à 40°A.C., avec plusieurs structures subparallèles à 20°A.C. Fortement altéré, carbonatisé, séricitisé et/ou serpentinisé et chloritisé avec oblitération de la texture primaire. Après le couloir les structures se redressent entre 50° et 60°A.C. <1% injections de PY mm.											
		1272.80 - 1289.00 I2 POR , MASS ,CC+,PY tr Dyke porphyrique massif, gris moyen,	120502	1273.40	1278.40	5.00	10	2.5	56	75			

DE (P)	A (P)	DESCRIPTION	Echan.	DE (P)	A (P)	Long (P)	Au ppb	Ag ppm	Cu ppm	Zn ppm			
		grains fins, (leucoxène)?? . Contacts à 20°/a.c. et à 40°/a.c. Carbonatisé faiblement à fortement. Pyrite en traces.											
			120503	1294.80	1300.80	6.00	<2	2.5	27	44			
			120504	1300.80	1306.80	6.00	3	2.5	10	49			
			120505	1306.80	1312.80	6.00	<2	2.5	11	39			
			120506	1312.80	1318.80	6.00	<2	2.0	16	30			
			120507	1318.80	1324.80	6.00	3	2.5	29	45			
			120508	1324.80	1330.80	6.00	<2	2.5	11	39			
			120509	1330.80	1336.80	6.00	<2	2.0	38	35			
			120510	1336.80	1342.80	6.00	<2	2.5	9	35			
			120511	1342.80	1348.80	6.00	<2	2.5	10	25			
			120512	1348.80	1354.80	6.00	<2	2.5	10	40			
			120513	1354.80	1359.20	4.40	<2	2.5	18	25			
			120514	1379.42	1385.40	5.98	3	2.5	19	30			
			120515	1385.40	1389.10	3.70	<2	2.5	10	30			
			R120518	1389.10	1392.90	3.80	<2	3.0	13	44			
			120516	1392.90	1394.90	2.00	<2	2.0	28	40			
			120517	1395.80	1399.00	3.20	17	3.0	310	60			
			120519	1399.90	1402.90	3.00	93	5.0	570	160			
			120520	1402.90	1408.90	6.00	18	3.0	77	120			
			120521	1408.90	1415.00	6.10	<2	2.5	12	49			
			120522	1415.00	1420.40	5.40	50	3.0	120	64			
			120523	1420.00	1422.40	2.40	25	4.0	300	120			
			120524	1422.40	1426.40	4.00	<2	3.0	88	110			
			120525	1426.40	1430.70	4.30	<2	2.5	16	64			
			120526	1431.70	1433.40	1.70	8	4.5	730	170			
			120527	1434.70	1438.70	4.00	7	3.5	160	65			
			120528	1438.70	1441.70	3.00	<2	3.0	100	50			
			120529	1442.20	1448.20	6.00	7	2.0	170	83			
			120530	1448.20	1454.00	5.80	3	1.5	66	65			
			120531	1454.00	1460.00	6.00	10	2.0	120	54			
			120532	1460.00	1466.00	6.00	5	1.5	53	57			
			120533	1466.00	1472.00	6.00	8	1.5	44	54			
			120534	1472.00	1478.00	6.00	10	1.5	64	43			
			120535	1478.00	1484.00	6.00	7	1.5	38	59			
			120536	1484.00	1485.60	1.60	8	1.5	27	67			
			120537	1485.90	1491.90	6.00	5	1.5	42	38			
			120538	1491.90	1498.00	6.10	7	2.0	9	77			
			120539	1498.00	1504.00	6.00	9	2.0	37	96			
			120540	1504.00	1510.00	6.00	7	2.0	15	63			
			120541	1510.00	1513.00	3.00	8	2.0	9	74			
			120542	1513.00	1519.00	6.00	3	1.5	23	40			
			120543	1519.00	1524.60	5.60	<2	1.5	18	50			
			120544	1526.40	1529.00	2.60	3	2.0	130	76			

DE (P)	A (P)	DESCRIPTION	Echan.	DE (P)	A (P)	Long (P)	Au ppb	Ag ppm	Cu ppm	Zn ppm			
1757.00	1887.00	I3G, l, CIS , CC+, SR+/ST+, CL, <1% INJ PY Même description que le couloir de cisaillement précédent(1272.8pi-1567 pi). Le journal de forage de Camchib indique que de 1983.6 à 1984.7 il n'y a pas d'échantillons toutefois dans la boîte, la carotte a été échantillonnée de 1982.6 à 1985.8 <1% injection de pyrite.	120576	1739.00	1745.00	6.00	8	2.0	90	57			
			120577	1745.00	1751.00	6.00	12	2.5	23	64			
			120578	1751.00	1757.00	6.00	12	2.0	8	55			
			120579	1757.00	1763.00	6.00	13	1.5	40	31			
			120580	1763.00	1769.00	6.00	12	2.5	13	57			
			120581	1769.00	1775.00	6.00	13	2.0	26	35			
			120582	1775.00	1781.00	6.00	17	2.0	130	43			
			120583	1781.00	1787.00	6.00	13	2.0	27	38			
			120584	1787.00	1793.00	6.00	13	2.0	6	35			
			120585	1793.00	1797.00	4.00	7	2.5	16	45			
			120586	1797.00	1803.00	6.00	13	2.5	14	46			
			120587	1803.00	1806.00	3.00	12	2.5	18	35			
			120588	1806.00	1812.00	6.00	7	2.0	20	31			
			120589	1812.00	1818.00	6.00	3	2.0	24	20			
			120590	1818.00	1824.00	6.00	25	2.0	270	18			
			120591	1830.00	1836.00	6.00	3	1.5	78	43			
			120592	1836.00	1842.00	6.00	72	2.0	300	60			
			120593	1842.00	1848.00	6.00	7	2.0	37	35			
			120594	1848.00	1854.00	6.00	10	2.0	7	47			
			120595	1854.00	1860.00	6.00	5	2.0	7	55			
120596	1860.00	1866.00	6.00	8	1.5	6	41						
120597	1866.00	1872.00	6.00	5	1.5	7	28						
120598	1872.00	1878.00	6.00	3	2.0	20	42						
120599	1878.00	1883.00	5.00	5	1.5	40	38						
120601	1883.00	1887.00	4.00	23	2.5	210	54						
1887.00	2038.00	I3A l à I3H, CL, CC+, SR/ST Leuco anorthosite massive, avec quelques passages d'anorthosite gabbroïque, grise pâle, porphyroblastes de plagioclases variant de 3 mm à 7 cm, en général de 1 à 3 cm. La matrice est chloritisé faiblement à fortement. Recoupé par des petits dyke décimétriques (12) à quelques endroits. Les plus importants sont mentionnés ci-bas. Petits minéraux roses dans la matrice (axinite ou rhodocrosite)?? Passage schisteux variant entre 40° et 50°A.C. Quelques passages silicifiés avec contact net à 70°A.C. <1% veines mm à cm de QZ-CC à 70°A.C. au début et variant entre 10° et 60°A.C. pour le restant du trou. La roche est moyennement à fortement carbonaté en général.	120602	1887.00	1891.00	4.00	8	1.5	14	60			
			120603	1893.00	1896.00	3.00	7	1.0	8	32			
			120604	1902.50	1905.50	3.00	5	<0.1	9	20			
			120605	1905.50	1908.50	3.00	13	1.5	130	40			
			120606	1912.20	1916.20	4.00	8	1.5	31	21			
			120607	1916.20	1919.20	3.00	15	1.5	480	28			
			120608	1922.50	1925.50	3.00	3	2.0	110	57			
			120609	1925.50	1928.50	3.00	12	1.5	150	43			
			120610	1935.00	1939.00	4.00	5	1.0	170	50			
			120611	1941.00	1944.00	3.00	7	1.5	22	43			

SOQUEM (Chibougamau)

JOURNAL DE SONDAGE

Propriété: 1119

Trou no: QC-19	Zone no: A et I	Contracteur: Les forages Contact	Débuté le: 17/08/81
Canton : McKenzie			Terminé le: 09/10/81
Lot :	Rang :	Claim no: C.M.437	
Niveau : Surface	Section:	Lieu de travail: Chibougamau	
Coordonnées au collet	Ligne : 4+50 pS	Latitude:5527467.27 mN	Azimut: 360° 0' 0"
	Station: 37+50 pS	Longitude: 245038.05 mE	Inclinaison: -50° 0' 0"
Système de référence: MTM NAD 27		Élévation: 1000.00	Longueur: 2659.00 P
Arpenté par:			
Tests de déviation	Profondeur	Inclinaison	Az Corrigé
	200.00 P	-49°30' 0"	3°30' 0"
	400.00 P	-51° 0' 0"	0° 0' 0"
	600.00 P	-48° 0' 0"	-
	800.00 P	-48°30' 0"	3° 0' 0"
	1000.00 P	-46° 0' 0"	-
	1200.00 P	-43° 0' 0"	6°30' 0"
Remarques : * Un numéro d'échantillon précédé de la lettre R indique une reprise sur un échantillon de Camchib.			
	Débit d'eau:	Bouchon:	
	Cimenté : non	Dimension de la carotte: BQ	

Journal par: J. GAUTHIER

Rédigé le: 05/04/00

Trou no: QC-19

DE (P)	A (P)	DESCRIPTION	Echan.	DE (P)	A (P)	Long (P)	Au ppb	Ag ppm	Cu ppm	Zn ppm			
0.00	4.00	M.T. DE 4 PI. HORS-PROPRIÉTÉ											
4.00	685.00	HORS-PROPRIÉTÉ											
685.00	992.40	13G,l, POB PG,CL,QZ,CB,1% V,Vn CB Anorthosite composée de 75%-85% de phénocristaux de plagioclase blancs (sodiques) dont les coins sont arrondis. Les phénocristaux de plagioclase sont de 1 cm en moyenne et atteignent 5 cm. Ces phénocristaux sont fracturés et ils sont légèrement altérés en chlorite. De plus ils baignent dans une matrice chloritisée. Ceci cré un effet moustachée à la carotte et lui confère une couleur blanche et vert-forêt. Unité silicifiée. On observe des bandes silicifiées de quelques pieds à plusieurs pieds lui donnant un aspect homogène. Présence de 1% de veinules de cb orientées en moyenne à 30°, 55° et 65°/a.c. On en retrouve aussi à 20°, 40° et 75°/a.c.	120469	689.40	695.40	6.00	15	2.0	23	520			
			120470	701.60	707.60	6.00	10	1.5	15	370			
			120471	716.00	719.00	3.00	5	2.0	25	550			
			120472	724.40	727.40	3.00	10	1.5	7	50			
			120473	737.30	743.30	6.00	15	3.0	45	290			
			120474	743.30	746.30	3.00	13	3.0	36	550			
			120475	752.50	755.50	3.00	16	2.5	15	460			
			120476	764.70	770.70	6.00	10	1.5	7	60			
			120477	780.50	786.50	6.00	15	1.5	10	70			
			120478	795.00	798.00	3.00	8	1.5	7	70			
			120479	810.50	813.50	3.00	15	1.5	26	80			
			120480	813.50	819.50	6.00	10	2.0	16	100			
			120481	828.60	831.80	3.20	13	1.5	6	65			
			120482	841.10	847.10	6.00	10	1.5	5	40			
			120483	850.40	856.40	6.00	13	1.0	33	40			
			120484	857.70	863.70	6.00	15	1.5	17	70			
			120485	865.80	868.80	3.00	20	2.0	7	120			
			120486	874.60	880.60	6.00	13	2.0	10	76			
		890.50 - 935.20 POR FP,CB,QZ,PY.TR. Porphyre contenant en moyenne 20% de feldspaths. Pyrite dissiminée et grossière en trace. Couleur grise. Idem à 621.8-640.0.	R120487	919.20	923.20	4.00	10	1.5	12	40			
			120488	937.00	940.00	3.00	5	3.0	28	130			
			120489	940.00	944.90	4.90	<2	2.5	24	70			
			120490	957.00	960.00	3.00	5	2.0	11	35			
			120491	966.00	969.00	3.00	<2	3.0	12	44			
			120492	978.10	981.10	3.00	<2	2.5	9	35			
			120493	986.00	989.00	3.00	3	2.5	23	40			
			120494	989.00	995.00	6.00	<2	2.5	35	35			
992.40	1078.80	13G SCH CIS CB,ST,SR,(PY)TR. Anorthosite très schisteuse et cisailée présentant des plans de carbonate en alternance avec des plans de serpentine en feuillets. Présence d'altération moyenne en sérécite. Par endroits on observe les plagioclases étirés et englobés par l'altération le long des plans de la schistosité. Ces plans sont d'ordre millimétrique	120495	995.00	1000.00	5.00	<2	2.5	28	40			
			120496	1000.00	1006.00	6.00	<2	2.5	36	49			
			120497	1006.00	1012.00	6.00	<2	2.0	6	30			
			120498	1012.00	1018.00	6.00	<2	2.5	5	30			
			120499	1018.00	1024.00	6.00	<2	2.5	8	40			
			120751	1024.00	1030.60	6.60	<2	1.5	13	36			
			120752	1030.60	1036.60	6.00	<2	1.5	3	42			
			120753	1036.60	1040.00	3.40	<2	1.5	12	55			

DE (P)	A (P)	DESCRIPTION	Echan.	DE (P)	A (P)	Long (P)	Au ppb	Ag ppm	Cu ppm	Zn ppm			
		45° et 50°/a.c. Ces veinules sont entrecoupantes.											
			120785	1273.20	1276.00	2.80	3	2.0	53	130			
			120786	1276.00	1279.00	3.00	22	3.0	160	180			
		1277.30 - 1277.70 50%PY,CL, V,Vn QZ/CB Zone de minéralisation avec des filonnets de pyrite d'environ 1 cm à 2 cm orientés à 40° et 45°/a.c. et associés avec une légère altération en chlorite, quartz et carbonate (petites veinules).											
			120787	1279.00	1285.00	6.00	8	1.5	9	110			
1289.60	1519.00	13H, SCH CIS POB PL,CL,CB,QZ,SR,5% V,Vn CB Anorthosite gabbroïque, de couleur vert-forêt-jaunâtre, composée d'environ 40% - 75% de plagioclases altérés et étirés le long des plans de la schistosité orientée de 45° à 55°/a.c. et ces plagioclases baignent dans une matrice altérée fortement en chlorite et carbonate. Unité cisaillée et on note 5% de veinules de cb (et serpentine) d'épaisseur centimétrique orientées en moyenne à 60° et 70°/a.c. Portion hématisée moyennement de 1385-1404 pieds.	120788	1291.10	1294.10	3.00	12	2.5	150	160			
			120789	1296.90	1299.90	3.00	13	2.5	95	140			
			120790	1300.70	1302.20	1.50	10	3.0	240	110			
			120791	1303.20	1304.20	1.00	8	2.5	54	98			
			120792	1309.80	1311.50	1.70	5	3.0	45	140			
			120793	1318.30	1324.30	6.00	3	2.5	3	57			
			120794	1324.30	1327.30	3.00	8	2.0	4	75			
			120795	1327.30	1331.30	4.00	12	2.5	3	130			
			120796	1342.60	1346.60	4.00	10	2.0	3	83			
			120797	1346.60	1352.60	6.00	5	3.0	35	86			
			120798	1352.60	1355.60	3.00	22	2.5	7	100			
			120799	1355.60	1361.60	6.00	17	3.0	14	71			
			120801	1361.60	1364.60	3.00	18	2.5	5	83			
			120803	1364.60	1366.60	2.00	23	2.0	4	56			
			120802	1366.60	1369.60	3.00	25	3.0	510	72			
		1367.00 - 1368.20 40% V,Vn CB/QZ,CL Présence de 40% de veinules de cb/qz orientées à 70°/a.c. Associées à de l'altération élevée en chlorite.											
			120804	1371.40	1374.40	3.00	15	2.0	5	62			
			120805	1374.40	1377.40	3.00	15	2.0	8	90			
			120806	1377.40	1383.40	6.00	15	2.0	6	80			
			120807	1383.40	1388.10	4.70	18	2.0	46	120			
			120808	1388.80	1394.80	6.00	17	2.0	58	64			
			120809	1394.80	1400.80	6.00	23	2.5	130	120			
			120810	1400.80	1403.80	3.00	18	2.0	24	110			
			120811	1403.80	1409.80	6.00	22	2.0	86	53			
			120812	1409.80	1414.50	4.70	20	2.0	27	78			
			120813	1415.90	1419.10	3.20	33	2.0	160	65			

SOQUEM (Chibougamau)

JOURNAL DE SONDAGE

Propriété: 1119

Trou no: QC-25 Zone no: A Contracteur: Les Forages Ungava Inc Débuté le: 13/12/81
Canton : Mc Kenzie Rang : Claim no: C.M.437 Terminé le: 26/01/82
Lot : Section:

Niveau : Surface Lieu de travail: Chibougamau

Coordonnées au collet Ligne : 10+20 pS Latitude: 5527287.58 mN Azimut: 0° 0' 0"
Station: 39+50 pE Longitude: 245077.31 mE Inclinaison: -66°30' 0"
Système de référence: MTM NAD 27 Elévation: 1000.00 Longueur: 2456.00 P

Arpenté par:

Tests de déviation

Profondeur	Inclinaison	Az Corrigé
200.00 P	64°30' 0"	3°30' 0"
400.00 P	-64°30' 0"	10° 0' 0"
600.00 P	-64°30' 0"	9°30' 0"
800.00 P	-66° 0' 0"	14° 0' 0"
1000.00 P	-63°30' 0"	19° 0' 0"
1200.00 P	-63° 0' 0"	19°30' 0"
1400.00 P	-61° 0' 0"	22° 0' 0"

Remarques :

Débit d'eau: Bouchon:
Cimenté : non Dimension de la carotte: BQ

Journal par: J. GAUTHIER

Rédigé le: 07/04/00

Trou no: QC-25

DE (P)	A (P)	DESCRIPTION	Echan.	DE (P)	A (P)	Long (P)	Au ppb	Ag ppm	Cu ppm	Zn ppm			
0.00	7.00	M.T. DE 7 PI. HORS-PROPRIÉTÉ											
7.00	2062.00	HORS-PROPRIÉTÉ											
2062.00	2079.30	12,CL,3% V,Vn CB,PY.TR. Intrusif intermédiaire de couleur grise à grise-verdâtre. Finement grenue à aphanitique. Altération moyenne en chlorite. Cette unité est recoupée à 3% par des veinules de carbonate orientées à 45°, 55° et 60°/a.c. En moyenne ces veinules sont d'épaisseur centimétrique. Pyrite en amas en trace.	120737	2062.00	2063.90	1.90	5	1.5	28	69			
		2062.10 - 2062.70 V,Vn QZ/CB,CL,HM,PY.TR. Veine de quartz et carbonate présentée sous forme de veinules (65%) et dont les plans de cette injection sont alignés à 55° et 60°/a.c. Présence d'une altération en chlorite qui est interreliée aux plans de ces veinules de qz/cb. Présence de pyrite dissiminée et fine en trace alignées le long des plans de veinules et associées à une hématisation légère.	120738	2065.20	2071.20	6.00	10	2.5	160	100			
			120739	2071.20	2077.20	6.00	3	2.0	10	86			
			120740	2077.20	2080.20	3.00	<2	1.0	20	77			
2079.30	2283.00	13H/G,l, POB PL,QZ,CL,1% V,Vn CB,SR,(PY.TR.) Anorthosite gabbroïque contenant 60%-75% de phénocristaux de plagioclases blancs et anorthosite contenant plus de 80% de plagioclases blancs. Silicification intense ce qui donne le préfixe leuco à l'unité et qui caractérise l'unité par une apparence homogène. Les phénocristaux de plagioclases baignent dans une matrice chloriteuse. Cette unité est recoupée par 1% de veinules de carbonate malgré qu'elles sont visuellement ambiguës dans la masse siliceuse. Ces veinules de cb sont orientées à 40°, 50°, 60° et 75°/a.c. Pyrite sous forme de filonnets(60°/a.c), en amas et fine, en trace, très localement.	120741	2080.20	2083.20	3.00	3	1.0	6	33			
			120742	2083.20	2089.20	6.00	<2	1.0	21	47			
			120743	2089.20	2092.20	3.00	5	<0.1	9	29			
			120744	2092.20	2094.20	2.00	3	1.0	99	27			
			120745	2102.00	2105.00	3.00	7	1.0	41	39			
			120746	2105.00	2111.00	6.00	3	<0.1	16	40			
			120747	2111.00	2117.00	6.00	3	2.5	62	170			
			120748	2117.00	2123.00	6.00	7	2.0	61	150			
			120749	2123.00	2126.00	3.00	<2	1.0	68	61			
			120851	2126.00	2132.00	6.00	17	1.0	20	79			
			120852	2140.50	2146.50	6.00	13	1.0	15	100			
			120853	2160.70	2166.70	6.00	12	1.0	12	71			
			120854	2175.00	2181.00	6.00	15	1.0	11	96			
			120855	2190.00	2196.00	6.00	17	<0.1	28	31			
			120856	2212.10	2218.10	6.00	15	<0.1	100	91			

ANNEXE II
JOURNAUX DE FORAGE
(ORIGINAUX DE
RESSOURCES CAMCHIB INC.

LOCATION

DIAMOND DRILL LOG
CAMPBELL CHIBOUGAMAU MINES LTD
EXPLORATION DIVISION

DDH No QC-18

GRID

SURVEY

TROPARI

PAGE 1

TESTS

LOCATION 65G5 LATITUDE 648.0 S
SECTION 4150E DEPARTURE 3949.9 E
BEARING ① 160.1 ELEVATION 10113.1
DIP 50.1 BEARING NORTH
LENGTH 2038' DIP -50
CASING PULLED NIL TARGET 1200' LEVEL

CORE SIZE BQ to 2038 FT to ---
DATE STARTED 15 JULY 1981
DATE COMPLETED 20 AUGUST, 1981
BAGS CEMENT ② NIL
TWP. MCKENZIE CLAIM MC 437

DEPTH MAG BRG CORR BRG DIP
200 0300 0120 500
400 0300 0120 500
600 0300 0120 500
800 0340 0160 490
1000 0360 0180 480
1200
1400
1600
1800
2000

ACID DIP ③
49030'
50030'
50030'
510
510
490
480
480
480
480
480

PROPERTY
Quebec Chibougamau
LOGGED BY Masterman
DRILL CO. Contact
Diamond Drilling

FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE NO.	NOTES
0.0 4.0	4.0 47.8	CASING ANORTHOSITE						
97.8	104.5	ALTERED ANORTHOSITE	ALTERNATING GABBROIC ANORTHOSITE AND ANORTHOSITE. PORPHYRITIC TEXTURE PREDOMINANTES. SHORT SECTIONS GRAPHIC WITH LEUCOXENE. ALSO SHORT SERICITIZED LOW TO MEDIUM ALTERED SECTIONS.	50-70	97.8	101.1	25656	
104.5	122.0	F.D. DIKE	MEDIUM TO HIGHLY ALTERED. HIGH SERICITE MEDIUM CHLORITE. CARBONATED: STRINGERS PO, 1% CPY, MINOR PY. LOW SHEAR 50-70 CN 102.5-104.5 RELATIVELY UNALTERED. PORPHYRITIC CRYSTALS STRETCHED.	70/50	104.5 108.5 112.5 116.5 119.0 119.0	108.5 112.5 116.5 119.0 122.0	25658 25659 25660 25661 25662	
122.0	169.0	GABBROIC ANORTHOSITE	PORPHYRITIC 5-30% FERRO MAGNESIANS. SHORT GRAPHIC ANORTHOSITE SECTIONS					
169.0	177.8	ALTERED ANORTHOSITE	121.3 2 INCH GREY DYKE 65'CN MINOR DISSEMINATED PY. 162.0 INCREASING FRACTURING AND ALTERATION	65				
177.8	183.0	SHEAR ZONE	MEDIUM-HIGH SERICITE- PART RELATIVELY UNALTERED 170.4-178.0 QUARTZ CARB. 45' CN. MINOR PYRITIZATION	45	169.4 170.4 171.4 173.5 176.0 176.0	170.4 171.4 173.5 176.0 178.4	25663 25664 25665 25666 25667	
			MEDIUM SHEARING 45'CN. MED. SERICITE-CHLORITE CARBONATE 178.4-180.4 MINERALIZED ZONE. QUARTZ-CARB CHLORITE SERICITE. DISSEMINATED PY 10% CPY 2%	45	178.4	180.4	25668	

NOTES:
1] Give reference - Azimut, Grid, True.
2] All holes drilled from ice must be cemented prior to pulling casing.
3] Corrected dip

CAMMONDORRILL
CAMCHIB RESOURCES INC.
EXPLORATION DIVISION

DDH No. QC-18

PAGE No. 2

FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
183.0	214.8	GABBROIC ANORTHOSITE	ANORTHOSITE SECTIONS PORPHYRITIC.		180.4	182.7	25669	
214.8	238.0	F.P. DYKE	212.6-213.6 FRACTURE ZONE CHLORITIZED CARBONATED TR PY 45-60' CN GREY PORPHYRITIC. UPPER CONTACT 60'CN MINOR DISSEMINATED PY AND CPY LOWER CONTACT 45'CN 236.3-237.1 QUARTZ CARBONATE VEIN. IRREGULAR CONTACTS 10'CN AND 40' CN LOW-SHEARING. HIGH SERICITE. QUARTZ CARBONATE VEINING COMMON. 243.0-247.7 RELATIVELY UNALTERED FRACTURED GABBROIC ANORTHOSITE 247.7-248.3 LIGHT GREY CHILLED FRACTURED DYKE 249 8-250 3 (QUARTZ) CARBONATE VEIN 75'CN 257 2-259.7 RARE STREINGERS PY	45-60 65-45 10 '40	212.6	213.6	25670	
238 0	260.0	ALTERED ANORTHOSITE	PORPHYRITIC. WITH ZOISITIZED SECTIONS AND MINOR ALTERATION ADJACENT OBLIQUE FRACTURES. TR PY 263.3-264.2 F.P. DYKE. FRACTURED. TR. PY. 390.4-391.4- 391.4-392.6 TWO INCH MINERALIZED QUARTZ VEIN ADJACENT DYKE 8 INCH HIGHLY CHLORITIZED ALTERATION ZONE 5% PY	75	249.8	250.5	25695	
260.0	419.4	GABBROIC ANORTHOSITE	FINE WHITE MOTTLING. DENSE. MASSIVE FEW FRACTURES 423.7- 425.2 SCATTERED PY COBES SHARP CONTACTS 55'CN AND 35'CN		257.2	259.7	25696	
419.4	435.0	GREY GREEN DYKE	OCCASIONAL QUARTZ-CARBONATE VEINLETS AND FRACTURES WITH MINOR ALTERATION		391.2	392.6	25697	
435.0	454.0	GABBROIC ANORTHOSITE	LOW-MEDIUM ALTERED. PATCHY HIGH CHLORITE HIGH SERICITE AND HIGH CARBONATION. MINOR PYRITISATION 460.4-465.3		423.7	425.2	25698	
454.0	465.3	ALTERED ANORTHOSITE	PORPHYRITIC. PATCHY ZOISITIZATION AND LIGHT SERICITIZATION. ANORTHOSITE SECTIONS. CARBONATED SLIPS MINOR SERICITE ALTERATION AT 519, 552 5, 593. 598, 610, 618.5 627, 641 5,654 5		460.4	462.2	25699	
455.3	709 0	GABBROIC ANORTHOSITE			462.8	464.3	25700	
					464.3	465.3	25901	
					652 0	654.2	25902	

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			652.0-655.3 MINOR DISEMINATED CRYSTALLINE PY ADJACENT TO SLIP AT 70' CN SLIPS AT 671', 683 FEET	70	654.2	655.3	25903	
709.0	735.1	F.P. DYKE	707.2-709 RARE FINE STRINGERS AND DISSEMINATIONS PYRITE UPPER CONTACT 45' CN. LOWER CONTACT HIGHLY IRREGULAR FINE GRAINED MARGINS. CUBES AND DISSEMINATIONS PY THROUGHOUT. 1%	45	707.2	709.0	25904	
735.1	753.0	GABBROIC ANORTHOSITE	721.4-722.9 QUARTZ CARBONATE VEIN CONTACTS 50' CN AND 20' CN PORPHYRIC. SOME LIGHT LOCALIZED SHEARING INCREASING CARBONATISATION	50/20	721.4	722.9	25905	
			741.0 CARBONATE VEIN 1" 70' CN SERICITIZED SIDEWALLS.	70	722.9	724.8	25906	
			749.7-750.3 CARBONATE VEINING 60' CN ACCOMPANIED BY SERICITE ALTERATION	60	728.0	731.4	25907	
753.0	774.0	ALTERED GABBROIC ANORTHOSITE	CARBONATION GENERALLY HIGH. ALSO CARBONATE VEINING SERICITIZATION. RANGING FROM LOW TO HIGH. PORPHYRITIC TEXTURE GENERALLY APPARENT.		749.7	750.3	25908	
774.0	780.4	SHEARED ANORTHOSITE	LOW SHEARING IN PART.				25909	
780.4	786.4	DYKE	LOW-MEDIUM SHEARING 60' CN. HIGH SERICITE HIGH CARBONATE. LOW CHLORITE. TR PY, CPY. FINE GRAINED WHITE AND BLACK MOTTLING. CARBONATE FRACTURES AND VEINLETS. FINE DISSEMINATED PYRITE THROUGHOUT	60	778.0	780.4	25914	
					780.4	783.4	25915	
					783.4	786.4	25916	
786.4	813.7	ALTERED ANORTHOSITE	H.CARBONATED- MEDIUM SERICITE. CARBONATE FRACTURES. PORPHYRITIC TEXTURE REMAINS BUT PHENOS GENERALLY STRETCHED. LOW SHEARING. MINOR LOCALIZED PYRITISATION IN RARE STRINGERS AND CARBONATE FRACTURE INFILLING. LOW TO MEDIUM SHEAR. HIGH SERICITE. HIGH CARBONATE		793.9	795.4	25917	
813.7	821.3	SHEARED ANORTHOSITE			808.4	809.5	25918	
821.3	824.6	QUARTZ CARBONATE veining	INCLUSION OF SHEARED ANORTHOSITE. NO VISIBLE MINERALISATION. CONTACTS 10' CN AND 50' CN	10/50	821.3	823.5	25919	
					823.5	824.6	25920	

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824.6	830.2	SHEARED DYKE	BLACK AND GREY SCHIST. HIGH SHEARING. FINE PYRITIZED DISSEMINATIONS SCATTERED THROUGHOUT		824.6	826.2	25921	
			826.2-827.6 WHITE QUARTZ CARBONATE VEIN		826.2	827.7	25922	
				45/80	827.7	830.2	25923	
830.3	837.3	SHEARED ANORTHOISITE	HIGH SHEARING VARIABLE ANGLES 45-80' CN HIGH SERICITE HIGH SERICITE.					
			832.5-834.0 BRECCIA AND CARBONATED GOUDGE		836.2	836.7	25924	
837.3	840.0	GREY DYKE	836.2-836.7 QUARTZ CARBONATE-GRANULAR FINE MOTTLING. LOW SHEARING IN LOWER NINE INCHES. DISSEMINATED PY 1%		836.7	837.9	25925	
			HIGH CARBONATE HIGH SERICITE LOW SHEARING		837.9	840.0	25926	
840.0	846.5	ALTERED ANORTHOISITE	840.0-842.7 DISSEMINATED CUBES & PATCHES PY		840.0	841.7	25927	
					841.7	842.7	25928	
846.5	852.2	GREY DYKE	BLACK MOTTLING. ABUNDANT FINE CARBONATE FRACTURES. CARBONATED THROUGHOUT. MINUTE PYRITE BLEBS.		846.5	849.6	25929	
					849.6	852.0	25930	
852.2	860.3	ALTERED ANORTHOISITE	LOW SHEARING. PART UNSHEARED FROM 855 FEET. CARBONATED. LOW TO MEDIUM SERICITE. PORPHYRITIC.					
860.3	861.7	PINK CARBONATE	GRANULAR. FINE DISSEMINATED PY		860.3	861.7	25931	
861.7	876.0	ANORTHOISITE	RELATIVELY UNALTERED. GENERALLY WHITE. PATCHY MEDIUM CARBONATIZATION. LOW SERICITIZATION.					
876.0	893.3	CHLORITIZED ANORTHOISITE	MEDIUM CHLORITE. HOLE PROBABLY FOLLOWING CLOSE TO A CHLORITIZED FRACTURE					
			877.6 FILLED WITH 1/4 INCH CARBONATE VEIN		882.7	883.7	25932	
			883.0 3" PINK CARBONATE WITH DISS. PY.					
			883.3-884.7 SERICITIZED ANORTHOISITE. MEDIUM CARBONATED.	70				
			889.0-889.8 GRANULAR PINK CARBONATE WITH DISSIMINATED PY. 70 CN.		888.0	889.8	25933	
			891.9-893.0 PINK CARBONATE VEIN SIMILAR TO ABOVE. HALF CUT BY HOLE. 85' CN	85	891.9	893.0	25934	
893.3	1046.9	ANORTHOISITE	PATCHY LOW CHLORITE ALTERATION TO 900 FEET PORPHYRITIC RELATIVELY UNALTERED PORPHYRITIC GABBROIC ANORTHOISITE					

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1046.9	1049.5	MINERALIZED ZONE	INTERLAYERED WITH ANORTHOSITE-- PART WHITE MARBLE TEXTURE 958. INCREASE IN FRACTURING. LOW CARBONATE 978.0- 979.0 PINK GRANULAR CARBONATE VEIN LIGHTLY MINERALIZED WITH PY		978.0	979.0	25935	
1046.9	1049.5	MINERALIZED ZONE	MINOR ALTERATION ALONG FRACTURES AT 960, 962, 1002, 1015, 1020, 1026, 1045. 1046.9-1047.5 QUARTZ CARBONATE MINERALIZED WITH FINE GRANULAR PY AND COARSE CRYSTALS PY. 1047.5- 1048.3 BLACK CHLORITIC ANORTHOSITE CARBONATED 1048.3-1049.5 DISTINCT ANORTHOSITE TEXTURE. PARTLY DESTROYED BY BLACK CHLORITIZATION. FINE GRANULAR AND CUBES PY, MINOR PO		1046.9	1047.5	25981	
1049.5	1100.2	GABBROIC ANORTHOSITE	WHITE CUMULATE FELDSPARS. WITH 15% GREY GREEN INTERCUMULAS FERRO MAGNESIANS. PORPHYRITIC. 1085.5-1095.0 FINE GRAPHIC APPEARANCE 5% FERRO MAGNESIANS 1094.5-1095.5. MEDIUM SHEARED. MED. SERICITE. LOW CHLORITE APHANITIC. MICROFAULTING AT UPPER CONTACT LOWER CONTACT 50' CN. MINOR PY ALONG FRACTURES. CARBONATE FRACTURES. LOW CARBONATIZATION.	50	1100.2	1101.5	25984	
1100.2	1101.5	GREY DYKE						
1101.5	1206.8	GABBROIC ANORTHOSITE	SOME ANORTHOSITE SECTIONS 1109.8-1110.2 MINERALIZED QUARTZ WITH 30% FINE PY, MINOR CPY. SERICITE CHLORITE ALTERATION ON SIDEWALLS FINELY PYRITIZED. 1173.5 1175.6 LOW SHERRING AND SERICITIZATION ADJACENT TO QUARTZ CARBONATE VEINLETS MINOR PYRITIZATION 1188.0 ONE INCH SERICITIZED SHEAR- 1/4 INCH QUARTZ CARBONATE WITH MINOR PY.	50	1109.4	1110.2	25985	
					1110.2	1110.9	25986	
					1164.2	1165.1	25987	

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FROM	TO	ROCK NAME	DESCRIPTION	CN'S	FROM	TO	SAMPLE No.	NOTES
1206.8	1210.5	DIORITE (?) DIKE	GREY DYKE WITH ABUNDANT BLACK MOTTLING (HORNBLENDE PHENOCRYST?). CONTACTS 45' CN PY STRINGERS AND TR CPY ASSOCIATED WITH QUARTZ CARBONATE ALONG CONTACTS ALSO MINOR PY IMPREGNATIONS AND CHLORITIZATION OF SIDEWALLS GABBROIC ANORTHOSITE SECTIONS- PORPHYRITIC 1217.9-1218.3 SERICITE ALTERATION ASSOCIATED WITH QUARTZ CARBONATE VEINLETS	45	1206.5	1206.9	25988	
1210.5	1272.8	ANORTHOSITE	1223.0 ONE INCH SERICITIZED SHEAR. MINOR CARB. 1240.2-1240.7 HIGHLY CARBONATED GREY DYKE. TR PY 1250.0-1250.3 QUARTZ CARBONATE WITH SERICITE ALTERATION FINE PY STRINGERS TR CPY 1255.0-1256.2 SHEAR MEDIUM SERICITE. MEDIUM CHLORITE, LOW CARBONATE. FINE PY STRINGERS SILICIFIED 1257.0-1258.8 MINOR SHEARS- FINE STRINGERS AND DISSEMINATED PY. SILICIFIED. LOW CARE. 1259.8-1261.8 SHEAR ZONE SILICIFIED. MEDIUM SERICITE LOW CHLORITE. LOW CARBONATE LOCALIZED MICROFOLDING. FEW FINE PY STREINGERS 1266.8-1268.0 ALTERATION ZONE. MEDIUM SERICITE, MED. CHLORITE, MED. CARBONATE. DISS PY 1269.0-1270.8 FRACTURED ANORTHOSITE-MEDIUM CARB. DISSEMINATED PY	45' 30/50 30' 40/70' 40/50'	1210	1211.0	25989	
					1217.9	1218.3	25990	
					1255.0	1256.2	25991	
					1257.0	1258.8	25992	
					1259.8	1261.8	25993	
					1266.8	1268.0	25994	
					1269.0	1278.8	25995	
1272.8	288.6	GREY DYKE	UPPER CONTACT 40'CN. MINOR PYRITIZATION ADJOINING CONTACTS. LOWER CONTACT 10'CN	40/10	1272.6	1273.4	25996	

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1288.6	1292.7	ALTERED ANORTHOSSITE	HIGHLY CARBONATED. LOW. MEDIUM SERICITE. LOW CHLORITE PORPHYRITIC ANORTHOSSITE TEXTURE VISIBLE IN PART. LOW SHEARING, STRINGERS AND DISSEMINATED PY		1288.6	1289.6	25998	
1292.7	1294.8	SHEARED DYKE	GREY DIKE- MEDIUM SHEARED 30-60' CN. MINOR PY. CARBONATE INFILLINGS.	30/60	1291.8	1292.7	28501	
1294.8	1318.6	SHEARED ALTERED ANORTHOSSITE	LOW SHEARING. MEDIUM-HIGH SERICITE, LOW CHLORITE, HIGHLY CARBONATED.		1292.7	1294.8	28502	
1318.6	1321.2	GREY DYKE	1294.8-1296.6 PY STRINGERS & BLEBS	70/70	1294.8	1296.6	28502	
1321.2	1359.5	SHEARED ALTERED ANORTHOSSITE	CARBONATE FRACTURES. WHITE MOTTLING. TR PY CONTACTS 70' CN					
1359.5	1372.4	GREY F.D. DYKE	LOW SHEARING 50' CN. MEDIUM SERICITE. HIGHLY CARBONATED ANORTHOSSITE TEXTURE APPARENT IN SOME SECTIONS	50	1359.2	1360.4	28503	
1372.4	1374.7	ALTERED ANORTHOSSITE	PALE GREY. FINE BLACK MOTTLING. DISSEMINATED PY THROUGHOUT AND COARSE BLEBS AT FRACTURE JUNCTIONS. CARBONATED THROUGHOUT.	45/70	1365.7	1367.4	28504	
1374.7	1379.4	GREY DYKE	MEDIUM SERICITE HIGHLY CARBONATED.		1371.0	1372.7	28505	
1379.4	1389.1	ALTERED ANORTHOSSITE	BLACK MOTTLING. CARBONATED THROUGHOUT. FINE DISSEMINATED. PY THROUGHOUT.	10/50	1374.7	1376.7	28506	
1389.1	1392.9	FAULT ZONE ?	LOW SHEARING. MEDIUM SERICITE. HIGHLY CARBONATED.		1376.7	1379.4	28507	
1392.9	1399.7	SHEARED ANORTHOSSITE	RUPTURE ZONE WITH ABUNDANT CARBONATE VEINS AND INFILLINGS. HIGH SERICITE. LOW CARBONATE		1389.1	1392.9	28508	
1399.7	1403.6	SHEARED DYKE	MEDIUM. HIGH SHEARING-- SHORT GOUDGE SECTIONS HIGH SERICITE. HIGH CARBONATE- LOW CHLORITE 1394.9-1395.8. MINOR PYRITIZATION.	10/30	1394.9	1395.8	28509	
			LOW-MEDIUM SHEARING- MEDIUM FRACTURED. MEDIUM CARBONATED. TR PY.	25.20	1399.0	1399.9	28510	

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1403.6	1535.9	SHEARED ANORTHOSITE	MEDIUM HIGH SHEARING - HIGH/CARBONATE 1415.3-1416.7 SHEARED F.P. DYKE 1420.4-1422.4 STRINGERS PY BETWEEN TWO CARBONATE VEINS. HIGH CHLORITE.	20/45 10/60	1420.4	1422.4	28511	
			1422.4-1426.8 MEDIUM CHLORITE 1430.7-1431.7 MEDIUM CHLORITE- PY STREINGERS 1433.4-1434.7 2 INCH CARBONATE VEIN. PY STRINGERS IN CHLORITIZED SIDEWALLS 1441 7-1442 2 PY STREINGERS ADJACENT TO 1 1/2 INCH CARBONATE VEIN.		1430.7 1433.4 1441 7	1431.7 1434.7 1442.2	28512 28513 28514	
			1453-1498 LOW-MEDIUM SHEARED ANORTHOSITE. TEXTURE OFTEN APPARENT HIGHLY CARBONATIZED. VARIABLE SERICITIZATION LOCALLY LOW-MEDIUM CHLORITE. 1459.6-1459.9 PY STRINGERS. 1485.6-1485.9 PYRITIZED CARBONATE VEIN 60'CN. TR CPY	45-60 60	1485.6	1485.9	28515	
			1498-1513 VAQUE GABBROIC ANORTHOSITE TEXTURE COMMON. 1513- DECREASING ALTERATION AND SHEARING 1524.6-1526.4 MINOR PY STREIGERS 1534.5-1535.9 STRINGERS PY		1524.6 1534.5	1526.4 1535.9	28516 28517	
1535.9	1553.0	ALTERED ANORTHOSITE	PART ANORTHOSITIC- PORPHYRITIC. DECREASING CARBONATIZATION. 1570.6-1570.9 ONE INCH CARBONATE VEIN 60' CN 1572.4-1573.2 1/2 INCH CARBONATE VEINLET 50' CN PY STRINGERS. SIDEWALLS CHLORITIZED AND SERICITIZED WITH PY STRINGERS & DISSEMINATIONS 1578.7-1582 2 IRREGULAR CARBONATE VEINLET SUB PARALLEL TO CORE 1603 5 ONE INCH CARBONATE VEIN 5'CN. NO VISIBLE MINERALIZATION	60 50 5	1572.4	1573.2	28519	

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1613.0	1620.3	ALTERED ANORTHOSSITE	MEDIUM SERICITE. MEDIUM CARBONATED. GHOST PHENOS. 1613.0-1614.0 MEDIUM SHEARING 40'CN. CARBONATE VEINING. NO VISIBLE MINERALIZATION. 1614.0-1620.3 LOW MEDIUM SERICITE. PATCHY MEDIUM CHLORITE CHLORITIZED FRACTURES	40	1633.9	1634.9	28520	
1620.3	1634.9	GREY DYKE	PALE GREY GRANULAR. UPPER CONTACT 3' CN IRREGULAR CARBONATE FRACTURES. MEDIUM CARBONATED 1633.9-1634.9 LOW SHEARING. FRACTURED. MEDIUM CHLORITE	3	1634.9	1636.5	28521	
1634.9	1636.5	MINERALIZED ZONE	MINERALIZED FRACTURE ZONE 25' CN. 25% PY IN VEINS AND COARSE DISSEMINATIONS ASSOCIATED WITH QUARTZ CARBONATE AND IN OPENINGS BETWEEN DYKE FRAGMENTS.	25	1636.5	1637.4	28522	
1636.5	1648.8	GREY DYKE	SIMILAR TO PREVIOUS. ABUNDANT CARBONATE FRACTURES 1639.6-1640.7 SILICIFIED APPEARANCE 1641.4-1642.0 QUARTZ CARBONATE VEINLETS WITH PY STRINGERS	45	1637.4	1639.6	28523	
1648.8	1651.9	ALTERED ANORTHOSSITE	LOWER CONTACT 45' CN	45	1639.6	1640.7	28524	
1651.9	1656.7	GREY DYKE	LOW SHEARING. MEDIUM SERICITE. MEDIUM CARBONATED. ANORTHOSSITE TEXTURE	20	1640.7	1641.4	28525	
1656.7	1660.3	ALTERED ANORTHOSSITE	CHILLED. CARBONATE FRACTURES 1654.6-1656.7 DYKES WITH SERICITIZED ANORTHOSSITE INTERCALATIONS. FINE PY STRINGERS.	5/20	1641.4	1642.0	28526	
1660.3	1669.3	DIORITE(?) DYKE	MEDIUM SERICITE. HIGH CHLORITE. MEDIUM SHEARING. PY STREINGERS MINOR CPY. AT VARIUS ANGLES TO CORE. 1659.8-1660.3 QUARTZ CARBONATE WITH STRINGERS CPY + PY ABUNDANT BLACK HORNBLENDE PHENOS IN GREY DYKE	5/20	1642.0	1643.0	28527	
1669.3	1671.8	MINERALIZED ZONE	1669.3-1670.7 DARK QUARTZ WITH CHLORITIZED FRACTURES MINERALIZED WITH PYRITE STRINGERS		1660.3	1661.3	28533.	
					1668.2	1669.3	28534	
					1669.3	1670.7	28535	

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			AND AROUND FRACTURES TR CPY 1670.7-1671.5 ADMIXTURE OF SERICITE. CHLORITE AND QUARTZ CARBONATE STRINGERS. FINE PY STRINGERS 1671.5-1671.8 WHITE QUARTZ CARBONATE	30	1670.7	1672.0	28536	
1671.8	1709.6	ALTERED GABBROIC ANORTHOSITE	MEDIUM SERICITE. MEDIUM CARBONATE. GENERALLY LOW SHEARING 1690-1709.6 DECREASING ALTERATION. LOW SERICITE. MEDIUM CARBONATE. PORPHYRITIC ANORTHOSITE TEXTURE PART GABBROIC ANORTHOSITE .	45	1672.0	1674.1	28537	
1709.6	1724.4	F.P. DYKE	ABUNDANT WHITE PHENOS. CARBONATED AND CARBONATE FRACTURES.	45/35				
1724.4	1737.2	ALTERED GABBROIC ANORTHOSITE	MEDIUM SERICITE. CARBONATED.					
1737.2	1738.5	F.P. DYKE	FINE GRAINED. MINOR CHLORITOID. TR PY AND CPY	45				
1738.5	1759.1	ALTERED ANORTHOSITE	MEDIUM-HIGH SERICITE. LOW CHLORITE. HIGHLY CARBONATED. LOCALIZED OFANGE LEUCOXENE. RARE STRINGER PY.					
1759.1	1759.5	DYKE	FOLIATED DIORITIC(?) DYKE	45				
1759.5	1770.5	SHEARED ANORTHOSITE	MEDIUM SHEARING. MEDIUM SERICITE. CARBONATED. CARBONATE VEINING COMMON. PART GABBROIC ANORTHOSITE 1767.5-1769.7 INCLUDES <u>FAULT</u> GOUDGE AND HEAVY QUARTZ CARBONATE VEINING	10/30				

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1770.5	1777.0	SHEARED DIORITE DYKE	TURBULENT APPEARANCE. CARBONATED. GREY-MA. WITH ABUNDANT BLACK STREAKS AND PHENOS (?)					
1777.0	1792.0	SHEARED ANORTHOSITE	MEDIUM-HIGH SHEARING. HIGH SERICITE. MEDIUM CARBONATED. ABUNDANT CARBONATE VEINING. RARE PY BLESS.	45/50				
1792.0	1886.0	ALTERED ANORTHOSITE	LOW-SHEARING. MEDIUM SERICITE. LOW CHLORITE. PATCHY ORANGE LEUCOXENE. MEDIUM CARBONATED. CONTORTED FROM 1797.6-1798.6 VAQUE ANORTHOSITE TEXTURE. RARE BLESS PY. ALTERED GABBROIC ANORTHOSITE SECTIONS FROM 1837 FEET.					
1886.0	1942.7	GABBROIC ANORTHOSITE	UNSHARED. RAPID DECREASE IN ALTERATION TO RELATIVELY UNALTERED GAB. AN. WITH SOME ANORTHOSITE SECTIONS GREY WHITE.					
1942.7	1948.3	SHEARED ANORTHOSITE	MEDIUM SHEARED. HIGH SERICITE. LOW CHLORITE. CARBONATE VEINING. 1948.1 1.5 INCH QUARTZ CARBONATE VEIN. DISSEMINATED PY AND TRACE CPY					
1948.3	1951.3	DYKE	ADMIXTURE OF DYKE. BLACK BRECCIA WITH MINOR ALTERED ANORTHOSITE.		1948.1	1950.3		
1951.3	1973.5	ALTERED ANORTHOSITE	PATCHY LOW-MEDIUM SERICITE. PART RELATIVELY UNALTERED. PY STRINGER AT 1969.3					

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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
1973.5	1983.6	FOLIATED DIORITIC DYKE	GREY DYKE WITH DARK MINERAL ALONG FOLIATED PLANES. MINOR SHEARING. COARSE DISSEMINATED PY AND A FEW STRINGERS 1973.5 to 1974.0 1979.6-1979.8 FINE PY VEINING.	45-70				
1983.6	1984.7	MINERALIZED ZONE	CHLORITIZED ZONE. HIGH CHLORITE. LOW CARBONATE. PY STRINGERS AND 2 PERCENT CPY.		1983.6	1984.7		
1984.7	1995.0	ALTERED ANORTHOSITE	MEDIUM-LOW SHEARING MEDIUM SERICITE. LOW CHLORITE PART ALTERED GABBROIC ANORTHOSITE.	10/45				
1995.0	2023.0	GABBROIC ANORTHOSITE	RELATIVELY UNALTERED. PORPHYRITIC. 5-30 % FERRO MAGNESIANS.					
2023.0	2038.0	ANORTHOSITE	GENERALLY WHITE. FINE GRAPHIC-MOSAIC TEXTURE 5% FERRO MAGNESIANS.					
	2038.0		<u>END OF HOLE QC-18</u>					

Sample Number	From	To	Samp Len	Au oz/T	Cu %	Ag oz/T	CUMULATIVE TOTALS			AVERAGES				
							Cum Len	Au oz/T	Cu %	Cum Len	Au oz/T	Cu %		
25656	98.8	101.1	2.3	.005	.04									
657	101.1	102.5	1.4	TR	.01									
658	104.5	108.5	4.0	TR	.02									
659	108.5	112.5	4.0	TR	.03									
660	112.5	116.5	4.0	TR	.04									
661	116.5	119.0	2.5	TR	.03									
662	119.0	122.0	3.0	TR	.03									
663	169.4	170.4	1.0	TR	.01									
664	170.4	171.4	1.0	TR	.02									
665	171.4	173.5	2.1	TR	.01									
666	173.5	176.0	2.5	TR	.01									
667	176.0	178.4	2.4	TR	.02									
668	178.4	180.4	2.0	.005	.30									
669	180.4	182.7	2.3	TR	.06									
670	212.6	213.6	1.0	.005	.01									
25687	214.8	218.0	3.2	.005	.04	.05								
688	222.4	226.5	4.1	.005	.03	.05								
689	226.5	228.0	1.5	.005	.07	.10								
690	233.3	236.3	3.0	.005	.04	.05								
691	236.3	237.1	0.8	TR	.01	.05								
692	237.1	238.0	0.9	TR	.02	.05								
693	238.0	241.5	3.5	.005	.01	.05								
694	241.5	243.0	1.5	.005	.01	TR								
695	249.8	250.5	0.7	TR	.02	TR								
696	257.2	259.7	2.5	TR	.01	.05								
697	391.2	392.6	1.4	.005	.07	.30								

D.D.H. SAMPLES

Labr
 Departure
 Bearing
 Dip

D.D.H. No.
 Location
 Section

Length
 Cumulative Totals
 Au oz/T
 Cu %
 Cum Len
 Au oz/T
 Cu %
 Cum Len
 Au oz/T
 Cu %
 Cum Len

JEB FORM 270

Sample Number	From	To	Samp Len	Au oz/T	Cu %	Ag oz/T	CUMULATIVE TOTALS			AVERAGES				
							Cum Len	Au oz/T	Cu %	Cum Len	Au oz/T	Cu %		
25698	423.7	425.2	1.5	.005	.02	.05								
699	460.4	462.2	1.6	TR	.01	TR								
700	462.8	464.3	1.5	TR	.01	TR								
25901	464.3	465.3	1.0	TR	.02	TR								
902	652.0	654.2	2.2	TR	.01	.05								
903	654.2	655.3	1.1	TR	.01	.05								
904	707.2	709.0	1.8	TR	.01	.05								
905	709.0	711.2	2.2	TR	.01	.05								
906	711.2	715.2	4.0	TR	.01	.05								
907	715.2	718.0	2.8	TR	.01	TR								
908	718.0	721.4	3.4	TR	.01	TR								
909	721.4	722.9	1.5	TR	.01	.05								
910	722.9	724.8	1.9	TR	.01	.05								
911	724.8	728.0	3.2	TR	.01	.05								
912	728.0	731.4	3.4	TR	.01	.05								
913	749.7	750.3	0.6	TR	.01	.05								
914	778.0	780.4	2.4	TR	.02	.05								
915	780.4	783.4	3.0	TR	.01	.05								
916	783.4	786.4	3.0	TR	.01	TR								
917	793.9	795.4	1.5	TR	.01	.05								
918	808.4	809.5	1.1	TR	.01	.05								
919	821.3	823.5	2.2	TR	.01	TR								
920	823.5	824.6	1.1	TR	.01	TR								
921	824.6	826.2	1.6	TR	.01	TR								
922	826.2	827.7	1.5	TR	.01	TR								
923	827.7	830.2	2.5	TR	.01	TR								

D.D.H. SAMPLES

Lant
 Departure
 Bearing
 Dip

D.ort. No. 00
 Location
 Section

JZB FORM 270

Length

Sample Number	From	To	Samp Len	Au oz/T	Cu %	Ag oz/T	CUMULATIVE TOTALS			AVERAGES				
							Cum Len	Au oz/T	Cu %	Cum Len	Au oz/T	Cu %		
25924	836.2	836.7	0.5	TR	.01	.05								
925	836.7	837.9	1.2	TR	.01	.05								
926	837.9	840.0	2.1	TR	.01	TR								
927	840.0	841.7	1.7	TR	.03	.10								
928	841.7	842.7	1.0	TR	.03	.05								
929	846.5	849.6	3.1	TR	.01	TR								
930	849.6	851.2	1.6	TR	.01	TR								
931	860.3	861.7	0.4	TR	.02	.05								
932	882.7	883.7	1.0	TR	.01	TR								
933	888.0	889.8	1.8	TR	.04	.40								
934	891.9	893.0	1.1	TR	.01	.05								
935	978.0	979.0	1.0	TR	.02	TR								
25981	1046.9	1047.5	0.6	TR	.02	.05								
82	1047.5	1048.3	0.8	TR	.02	.05								
83	1048.3	1049.5	1.2	TR	.05	.10								
84	1100.2	1101.5	1.3	TR	.02	.05								
85	1109.4	1110.2	0.8	TR	.22	.15								
86	1110.2	1110.9	0.7	TR	.07	.05								
87	1164.2	1165.1	0.9	TR	.03	.05								
88	1206.5	1206.9	0.4	TR	.03	.05								
89	1210.3	1211.0	0.7	TR	.02	TR								
90	1217.9	1218.3	0.4	TR	.04	.15								
91	1255.0	1256.2	1.2	TR	.04	.05								
92	1257.0	1258.8	1.8	TR	.02	.05								
93	1259.8	1261.8	2.0	TR	.03	.05								
94	1266.8	1268.0	1.2	TR	.03	.05								
95	1269.0	1271.8	2.8	TR	.02	.05								

Sample Number	From	To	Samp Len	Au oz/T	Cu %	Ag oz/T	CUMULATIVE TOTALS			AVERAGES				
							Cum Len	Au oz/T	Cu %	Cum Len	Au oz/T	Cu %		
25996	1273.4	1273.4	0.8	Tr	0.01	.05								
97	1287.4	1288.6	1.2	Tr	0.02	.05								
98	1288.6	1289.6	1.0	Tr	0.02	Tr								
99	1289.6	1290.8	1.2	Tr	0.03	Tr								
26000	1290.8	1291.8	1.0	Tr	0.02	Tr								
28501	1291.8	1292.7	0.9	Tr	0.02	Tr								
502	1292.7	1294.8	2.1	Tr	0.01	Tr								
503	1359.2	1360.4	1.2	Tr	0.01	Tr								
504	1365.7	1367.4	1.7	Tr	0.01	Tr								
505	1371.0	1372.7	1.7	Tr	0.01	Tr								
506	1374.7	1376.7	2.0	Tr	0.01	Tr								
507	1376.7	1379.4	2.7	.004	0.02	.05								
508	1389.1	1392.9	3.8	.004	0.01	Tr								
509	1394.9	1395.8	0.9	.004	0.02	Tr								
510	1399.0	1399.9	0.9	.012	0.03	.05								
511	1420.4	1422.4	2.0	.009	0.03	Tr								
512	1430.7	1431.7	1.0	.010	0.23	.15								
513	1433.4	1434.7	1.3	.008	0.22	.15								
514	1441.7	1442.2	0.5	.009	0.05	.05								
515	1485.6	1485.9	0.3	.007	0.75	.25								
516	1524.6	1526.4	1.8	.007	0.02	.10								
517	1534.5	1535.9	1.4	.007	0.04	.05								
518	1547.6	1548.7	1.2	.003	0.11	.05								
519	1572.4	1573.3	0.9	.007	0.01	.05								
520	1633.9	1634.9	1.0	.009	0.05	.05								
521	1634.9	1636.5	1.6	.065	0.35	.30								
522	1636.5	1637.4	0.9	.010	0.03	.05	1.6	.065	0.35	.30				

FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
142.4	154.6	GABBROIC ANORTHOSSITE	PORPHYRITIC TEXTURE PREDOMINATES. 10-30% FERROMAGNESIANS SMALL CARB.- FILLED FRACTURES COMMON NEAR DYKE (LEUCOXENE MATRIX & FELD-SPAR PHENOS)	60/50	154.4	158.4	28555	4.0
154.6	169.4	F.P. DYKE	APHANITIC MARGINS. CONTAINS DISSEMINATED BLEBS PY. FINE CARBONATED FRACTURES COMMON. UPPER CONTACT 60° C.N., LOWER 50° C.N.		158.4	161.5	28556	3.1
169.4	422.4	GABBROIC ANORTHOSSITE	PORPHYRITIC 5-35% FERROMAGNESIANS. RARE SHORT SECTIONS ANORTHOSSITE 267.2-271.2 SHORT CARBONATE & SLIGHTLY SHEARED LOW ALTERED SECTIONS. LOW CHLOR. & SERIC. SOME PATCHY PY 307.0-332.0 OCCASIONAL AREAS OF LIGHT SHEARING ACCOMPANIED BY AN INCREASE IN CHLORITIZATION 332.0-422.4 PORPHYRITIC TEXTURE LESS PRONOUNCED 402.7-405.9 SECTION OF SLIGHT SHEAR & HIGH CARB INCLUDING SOME Q-C. VEINS 50° C.N. NOT VISIBLY MINERALIZED 415.0-422.4 SLIGHT SHEARING & ALTERATION INCREASING NEARER DYKE TO LOW SHEARING, 50° C.N., WITH MED SERIC & CHLOR. MINERALIZED WITH PATCHES & STRINGERS PO, & OCCASIONAL PY STRINGERS.	50	161.5	165.5	28557	4.0
					165.5	169.5	28558	4.0
422.4	439.3	DYKE	GREY-GREEN DYKE FINE CARBONATED FRACTURES COMMON. OCCASIONAL SMALL BLEBS PY. UPPER CONTACT: 60° C.N., LOWER: 60° C.N.	60/60	268.0	269.0	28559	1.0
439.3	621.7	GABBROIC ANORTHOSSITE	5-25% FERROMAGNESIANS. SECTIONS OF ANORTHOSSITE & SHORT SECTIONS OF ALTERATION 440.3-441.5 SHEARED CHLORITIZED SECTION. BLEBS & PATCHES PO & CPY 536.1-542.1' LOW SHEARED, 60° C.N., MED SERIC. & CHLOR. 537.9-540.5' PATCHES PY & RARE PO 621.0-621.7' LOW ALTERED SECTION WITH 1" Q-C VEIN 60° C.N. & BLEBS PY		402.7	405.9	28560	3.2'
					419.6	422.5	28561	2.9
					422.5	426.5	28562	4.0
					426.5	430.5	28563	4.0
					430.5	434.5	28564	4.0
					434.5	438.5	28565	4.0
					438.5	440.3	28566	1.8
					440.3	441.5	28567	1.2
621.7	639.9	F.P. DYKE	DARK GREY WITH WHITE FELDSPAR PHENOCRYSTS. UPPER CONTACT: 60° C.N. LOWER: 65° C.N. CONTAINS DISSEMINATED BLEBS PY. FINE CARB.- FILLED FRACTURES COMMON.	60	537.9	540.5	28568	2.6
					621.1	621.8	28569	0.7'
					621.8	625.8	28570	4.0
					625.8	629.8	28571	4.0
					629.8	633.8	28572	4.0
					633.8	637.8	28573	4.0
					637.8	640.0	28574	2.2
639.9	648.1	GABBROIC ANORTHOSSITE	SHORT SECTIONS ANORTHOSSITE. SOME LIGHT LOCALIZED SHEARING ACCOMPANIED BY INCREASE IN CHLOR. & SERIC.					

AMERICAN DRILL LOGS
CAMCHIB RESOURCES INC.
EXPLORATION DIVISION

FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTE
648.1	649.7	F.P. DYKE	AS 621.7-639.9'	45/60	648.1	649.9	28575	1.8'
649.7	889.0	GABBROIC ANORTHOSSITE	AS 639.9-648.1 728.0'-889.0' PORPHYRITIC TEXTURE PREDOMINATES WITH LEUCOXENE MATRIX 884.9-889.0 DISSEMINATED BLEBS PY		884.9	888.9	28576	4.0
889.0	891.2	ALTERED GABBROIC ANORTHOSSITE	MED. SERICITE, LOW CHLORITE, MED. CARB. LOW SHEARED, ANGLE INCREASES TOWARDS DYKE	60-80	888.9	891.2	28577	2.3
891.2	894.0	F.P. DYKE	GREY WITH WHITE FELDSPAR PHENOCRYSTS, CONTACTS: NARROW CARB. VEINS COMMON. CONTAINS DISSEMINATED BLEBS PY & OCCASIONAL STRINGERS	65/70	891.2	895.2	28578	4.0
894.0	913.6	ALTERED GABBROIC ANORTHOSSITE	912-912.7 INCLUSION OF DYKE MATERIAL		895.2	899.2	28579	4.0
913.6	934.8	F.P. DYKE	AS 891.2-894.0	65/-	899.2	903.2	28580	4.0
934.8	936.2	SHEARED DYKE & GABBROIC ANORTHOSSITE	INTERMIXED, MED. SHEARED 60°, ALSO CONTAINS CARB VEINS	60	903.2	907.2	28581	4.0
986.2	990.2	ALTERED GABBROIC ANORTHOSSITE	LOW ALTERED, LOW SERICITE & CHLORITE. SOME LIGHT LOCALIZED SHEARING. PORPHYRITIC 944.9-949.7 BLEBS PY IN UNSHEARED & LIGHT SHEARED & MED. CHLORITIZED GABBROIC ANORTHOSSITE SOME SECTIONS OF ALTERED ANORTHOSSITE		907.2	911.2	28582	4.0
990.2	1030.4	ALTERED GABBROIC ANORTHOSSITE	LOW SHEARED, ALTERED GABBROIC ANORTHOSSITE WITH SOME SECTIONS OF MED. TO HIGH SHEAR WITH INCREASES IN CARB & CHLORITE CONTENT 995.3-995.6 1 1/2" Q-C. VEIN 996.0-998.4 FRACTURED, CRUMBLD CORE	60	911.2	915.2	28583	4.0
1030.4	1071.0	ALTERED GABBROIC ANORTHOSSITE	MED SHEARED: 50°C.N. HIGH CARB CONTENT SECTIONS OF HIGH SHEAR: 80°C.N.	70	915.2	919.2	28584	4.0
					919.2	923.2	28585	4.0
					923.2	927.2	28586	4.0
					927.2	931.2	28587	4.0
					931.2	935.2	28588	4.0
					935.2	937.0	28589	1.8
					944.9	947.2	28590	2.3
					947.2	949.7	28591	2.5

FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
		ALTERED GABBROIC ANORTHOSITE (CONT'D)	1031.0-1031.7 7" Q-C VEIN, 50° C.N. NOT VISIBLY MINERALIZED 1040.2-1040.5 3" Q-C VEIN, 55° C.N. 1052.2-1054.0 Q-C VEINING 1055.0-1056.9 Q-C VEINING 1063.3-1071.0' DECREASE IN CARB CONTENT 1070.5-1071.0' Q-C VEINING	50 55	1030.9 1040.0 1052.2 1055.0	1031.9 1041.0 1054.0 1056.7	28592 28593 28594 28595	1.0 1.0 1.8 1.7
1071.0	1136.2	ALTERED GABBROIC ANORTHOSITE	LOW ALTERED, LOW SERICITE & CHLORITE; SECTIONS OF ALTERED ANORTHOSITE. SOME RELATIVELY UNALTERED SECTIONS ARE PORPHYRITIC GABBROIC ANORTHOSITE 1132.6-1132.9 2" Q-C VEIN 70° C.N. NOT VISIBLY MINERALIZED 1133.4-1133.6 2" DYKE, GREY, APHANITIC 50° C.N.		1070.1	1071.1	28596	1.0
1136.2	1177.0	GABBROIC ANORTHOSITE	RELATIVELY UNALTERED, PORPHYRITIC WITH LEUCOXENE MATRIX 1151.6-1152.3 6" CARBONATE VEIN NOT VISIBLY MINERALIZED	60/50	1151.4	1152.4	28901	1.0
1177.0	1181.7	ALTERATION ZONE	MED SHEARING: 50° C.N. MED CHLORITE WITH AREAS OF HIGH CHLORITE, MED SERIC. OCCASIONAL CARB. - FILLED FRACTURES. CONTAINS PY BLEBS & BLOBS & OCCASIONAL CPY PATCHES 1178.2-1178.4 2" Q-C VEIN 50° C.N. PY BLOBS 1179.0-1179.8 DYKE 1180.0 CPY STRINGER		1177.6 1178.7 1179.9 1180.3 1180.3	1178.7 1179.9 1180.3 1181.5	28902 28903 28904 28905	1.1 1.2 0.4 1.2
1181.7	1198.9	GABBROIC ANORTHOSITE	UNALTERED EXCEPT FOR A SHORT LOW ALTERED SECTION NEAR ALTERATION ZONE. SLIGHT CARB. INCREASE NEAR DYKE					
1198.9	1213.2	GABBRO DYKE	GREY: BLACK & WHITE MOTTLED, FINE GRAINED, DIORITIC MARGINS, NOT VISIBLY MINERALIZED. CARB. FILLED FRACTURES COMMON, OCCASIONAL NARROW Q-C VEINS. PY BLEBS ALONG SOME FRACTURES	50/45				
1213.2	1267.3	GABBROIC ANORTHOSITE	Q-C VEINS TO 2" WIDE PRESENT. RARE INCREASE IN CHLORITIZATION WITH SLIGHT SHEARING 1236.1-1236.8' 7" Q-C VEIN, NOT VISIBLY MINERALIZED. CONTACTS: 1263.8-1264.0 2" DYKE	55/25 55/60	1235.9	1236.9	28906	1.0
1267.3	1271.3	GREY DYKE	APHANITIC, FINE CARB-FILLED FRACTURES ABUNDANT					
1271.3	1290.6	GABBROIC ANORTHOSITE	NARROW Q-C VEINS QUITE COMMON 1277.3-1277.7 PY VEINING 50° C.N.					

DIAMOND DRILL LOG
CAMCHIB RESOURCES INC.
 EXPLORATION DIVISION

DDH No. QC-17

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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
1290.6	1293.3	ALTERED GABBROIC ANORTHOSITE	LOW ALTERED OCCASIONNALLY LOW SHEARED					
1293.3	1304.7	ALTERED GABBROIC ANORTHOSITE	MEDIUM SHEARED WITH AREAS OF HIGH SHEAR, MEDIUM TO HIGH CARBONATE MED SERIC. & CHLOR. 1294.2-1294.8 5% CPY 20% PY ASSOCIATED WITH CARB: 1299.9-1300.5 DYKE? SHEARED, CHLORITIZED, CONTAINS STRINGERS CONTACTS: CPY & PY. 1302.5-1302.8 DYKE ? STRINGERS CPY & PY SHEARED & CHLORITIZED ANORTHOSITE NEAR DYKES CONTAINS PATCHES CHLORITOID	50 50/50	1294.2 1299.9 1302.2	1294.8 1300.7 1303.2	28911 28907 28908	0.6 0.8' 1.0
1304.7	1306.7	SHEARED DYKE ?	SHEARED & CHLORITIZED, HIGHLY CARBONATED OCCASIONAL STRINGERS & BLEBS CPY & PY ASSOCIATED WITH CARBONATE	50/50	1304.6 1305.3	1305.3 1308.0	28909 28910	0.7' 2.7'
1306.7	1309.0	ALTERED GABBROIC ANORTHOSITE	HIGHLY ALTERED, LOW SHEARED					
1309.0	1312.2	DYKE	GREY, NARROW CARBONATE VEINS COMMON, OCCASIONAL BLEBS PY ASSOCIATED WITH CARB. NEAR MARGINS	50/-	1309.0 1311.5	1309.8 1312.2	28912 28913	0.8' 0.7'
1312.2	1335.4	SHEAR ZONE: FAULT ?	HIGHLY SHEARED: 45° CN, HIGH CARB, HIGH SERICITE, AREAS OF HIGH CHLORITE WITH BLEBS PY 1317.0-1317.2' PY VEINING 5% CPY 1318.2' CPY STRINGER	45	1314.7 1316.6 1317.8 1318.3	1315.9 1317.8 1318.3	28914 28915 28916	1.2' 1.2' 0.5'
1327.0	1335.4	ALTERED GABBROIC ANORTHOSITE	MEDIUM SHEARED, 50° CN, WITH AREAS OF LOW SHEAR MED. SERICITE, MED. HIGH CARB. 1333.4-1334.4 OCCASIONAL FINE STRINGERS PY	50	1333.3	1335.2	28917	1.9'
1335.4	1336.4	DYKE	GREY, NARROW CARB VEINS COMMON. CONTAINS DISSEMINATED SMALL BLEBS PY	50/50	1335.2	1336.5	28918	1.3
1336.4	1367.0	ALTERED GABBROIC ANORTHOSITE	AS 1327.0-1335.4					
1367.0	1406.5	ALTERED GABBROIC ANORTHOSITE	ALTERNATING MEDIUM & HIGH SHEARED: 50° CN. OCCASIONAL AREAS OF PY BLEBS OR STRINGERS, V. LOW CPY 1388.1-1388.6 PY VEINING TO 1" WIDE, 50° CN, LESS THAN 5% CPY	50 50	1369.6 1388.1	1371.4 1388.8	28919 28920	1.8 0.7'

WILMOND HILL
CAMCHIB RESOURCES INC.
EXPLORATION DIVISION

DDH No. 6-19

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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
1406.5	1430.2	SHEAR ZONE	ANORTHOSITE. HIGH SHEARED: 50°C.N. MED. CARB., MED. SERIC., LOW CHLOR. OCCASIONAL STRINGERS OR BLEBS PY	50	1414.5	1415.9	28921	1.4'
1430.2	1431.4	DYKE	GREY, SHEARED 50°C.N.	50/50	1419.1	1420.2	28922	1.1'
1431.4	1437.0	SHEAR ZONE	AS 1406.5-1430.2 PY STRINGERS TO ¼" COMMON		1425.0	1426.8	28923	1.8'
1437.0	1441.7	ALTERNATING DYKE & SHEAR ZONE	SECTIONS FROM 0.2' to 1.3' IN LENGTH. ¼" PY STRINGERS COMMON IN SHEARED ANORTHOSITE. DYKE & ANORTHOSITE ARE HIGHLY SHEARED 50°C.N		1432.0	1434.2	28924	2.2'
1441.7	1449.1	SHEAR ZONE	AS 1406.5-1430.2 PY STRINGERS TO 1½" COMMON		1435.8	1437.5	28925	1.7'
1449.1	1450.4	DYKE	AS 1430.2-1431.4 PY STRINGERS TO ½" PRESENT		1437.5	1438.8	28926	1.3'
1450.4	1451.5	SHEAR ZONE	AS 1406.5-1430.2 PY STRINGERS TO ¼" PRESENT		1438.8	1440.0	28927	1.2'
1451.5	1452.6	DYKE	AS 1430.2-1431.4 1451.9-1452.2 Q-C VEIN 45°C.N. CONTAINS PY STRINGERS & PATCHES CPY		1440.0	1440.7	28928	0.7'
1452.6	1503.7	SHEAR ZONE	AS 1406.5-1430.2 FROM 1490.0' SHEARING: 45° C.N.	45-50	1440.7	1441.3	28929	0.6'
1503.7	1540.2	ALTERED GABBROIC ANORTHOSITE	MEDIUM SHEARED: 45°C.N. WITH AREAS OF HIGH SHEAR. MED. SERIC., HIGH CARB. SOME SECTIONS CONTAIN STRINGERS OR LARGE BLEBS PY	45	1441.3	1442.6	28930	1.3'
1540.2	1586.0	ALTERED GABBROIC ANORTHOSITE	MAINLY LOW SHEARED: 30-45°C.N., WITH RARE MEDIUM SHEARING & SOME RELATIVELY UNSHEARED SECTIONS WITH PORPHYRITIC TEXTURE. SOME SECTIONS CONTAIN BLEBS PY 1570.5-1572.2 Q-C. VEINING APPROX. 2" WIDE 70°C.N. NOT VISIBLY MINERALIZED	30-45	1442.6	1445.5	28931	2.9'
1586.0	1592.9	F.P. DYKE	GREY WITH FELDSPAR PHENOCRYSTS & TABULAR CHLORITOID. BLEBS PY UNEVENLY DISTRIBUTED THROUGHOUT CONTACTS:	45/45	1445.5	1447.9	28932	2.4'
					1447.9	1449.1	28933	1.2'
					1449.1	1451.8	28934	2.7'
					1451.8	1452.2	28935	0.4'
					1480.6	1481.1	28936	0.5'
					1514.3	1516.1	28937	1.8'
					1524.7	1525.8	28938	1.1'
					1529.3	1530.5	28939	1.2'
					1533.7	1535.3	28940	1.6'
					1543.5	1545.2	28941	1.7'
					1568.4	1569.4	28942	1.0
					1570.5	1572.2	28943	1.7'
					1572.2	1574.8	28944	2.6'
					1580.5	1584.5	28945	4.0'
					1584.5	1586.0	28946	1.5'
1586.0	1592.9	F.P. DYKE	CONTACTS:	45/45	1586.0	1590.0	28947	4.0'
					1590.0	1592.9	28948	2.9'

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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
1592.9	1634.5	ALTERED GABBROIC ANORTHOSITE	AS 1540.2-1586.0 BLOBS PY VERY COMMON, V. RARE CPY 1608.1-1608.8 1" & 1½" Q-C VEINS, 50°C.N., NOT VISIBLY MINERALIZED		1592.9 1598.4 1607.4 1610.5 1614.3 1615.7 1619.7 1621.8 1621.8 1623.0 1626.5 1628.7 1628.7 1630.5 1633.5 1635.3 1635.3	1596.1 1599.4 1608.8 1612.3 1615.7 1619.7 1621.8 1623.0 1626.5 1628.7 1630.5 1633.5 1635.3 1637.7	28949 28950 28951 28952 28953 28954 28955 28956 28957 28958 28959 28960 28961 28962	3.2' 1.0' 1.4' 1.8' 1.4' 4.0' 2.1 1.2' 3.5' 2.2' 1.8' 3.0' 1.8' 2.4'
1634.5	1640.5	SHEAR ZONE	HIGH SHEARED 50-80° C.N. FRACTURED, HIGHLY CARBONATED 1635.4-1637.7 HIGH ANGLE Q-C VEINING CONTAINS BLEBS PY					
1640.5	1647.3	FAULT ZONE	FAULT GOUGE: HIGHLY FRACTURED, SHEARED & MILLED GREY WITH ABUNDANT HORNBLENDE PHENOS. UPPER CONTACT TURBULENT: MIXED ALTERED ANORTHOSITE & DYKE MATERIAL OVER 1 FOOT WIDTH					
1647.3	1678.8	DIORITE(?) DYKES	CONTACTS: Q-C VEINS TO 3/4" WIDE COMMON. PY BLEBS SOMETIMES ASSOCIATED WITH THESE. MULTIPLE CONTACTS, WITH CHILLED & BAKED MARGINS, ARE EVIDENT INDICATING SEVERAL DIFFERENT DYKES ARE PRESENT. THE Q-C VEINS TEND TO BE ASSOCIATED WITH CONTACT AREAS	-/45	1649.8 1656.4 1657.4 1665.5 1666.9 1667.8 1667.8	1650.8 1657.4 1658.2 1666.9 1667.8 1668.8	28963 28964 28965 28966 28967 28968	1.0' 1.0' 0.8' 1.4' 0.9' 1.0'
1678.8	1691.6	ALTERED ANORTHOSITIC GABBRO	LOW SHEARED 45°C.N, LOW SERICITE, MED. CHLORITE, MED. CARB. 1687.9-1691.6' FINE PY STRINGERS & OCCASIONAL BLEBS PY		1687.9	1691.6	28969	3.7'
1691.6	1692.8	DYKE	GREY, APHANITIC, Q-C VEINS TO ½" COMMON. FINELY DISSEMINATED PY & OCCASIONAL BLEBS CPY	30/30	1691.6	1692.8	28970	1.2'
1692.8	1693.6	ALTERED ANORTHOSITIC GABBRO	AS 1678.8-1691.6. CONTAINS FINE STRINGERS PY		1692.8	1694.7	28971	1.9
1693.6	1697.4	GABBRO(?) DYKE	GREY, BLACK MOTTLED, APHANITIC MARGINS. CONTAINS DISSEMINATED BLEBS 30/50 PY. Q-C VEINS 1½" WIDE COMMON NOT VISIBLY MINERALIZED 65°C.N.		1694.7	1697.4	28972	2.7'
1697.4	1722.4	ALTERED ANORTHOSITIC GABBRO	MEDIUM SHEARED 45-50°C.N. LOW SERICITE, MED. CHLORITE MED/HIGH CARB. Q-C. VEINS COMMON	45-50				
1722.4	1724.4	GABBRO (?) DYKE	GREY & BLACK MOTTLED WITH STRINGERS PY & MINOR CPY	35/45	1722.3	1724.7	28973	2.4

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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTE
1724.4	1731.4	ALTERED ANORTHOSITIC GABBRO	AS 1697.4-1722.4 1724.9-1725.1 1 1/2" PY VEIN, 20% CPY 1727.2-1729.0 PY VEINING TO 1" WIDE		1724.7 1725.3 1727.2	1725.3 1727.2 1729.0	28974 28975 28976	0.6' 1.9' 1.8'
1731.4	1775.0	SHEAR ZONE	HIGHLY SHEARED GABBROIC ANORTHOSITE 50-80°C.N. MED. SERIC., MED. CHLOR., MED/HIGH CARB. Q-C. VEINING COMMON SECTIONS SHEARED ANORTHOSITIC GABBRO 1752.0-1755.0 POSSIBLE FAULT ZONE 1760.1-1761.8 Q-C. VEINING TO 3" WIDE 60°C.N. NOT VISIBLY MINERALIZED 1761.8-1764.5 POSSIBLE FAULT ZONE 1767.1-1768.9 DISSEMINATED BLEBS PY 1768.9-1770.6 Q-C VEINING, NOT VISIBLY MINERALIZED 50°C.N. 1770.6-1775.0 Q-C. VEINS COMMONLY 1-2" WIDE	50-80	1760.1	1761.8	28977	1.7'
1775.0	1783.0	ALTERED GABBROIC ANORTHOSITE	MEDIUM SHEARED 45°C.N., MED. SERIC., LOW CHLORITE	45				
1783.0		ALTERED GABBROIC ANORTHOSITE	LOW SHEARED 45°C.N. WITH SHORT SECTIONS OF MED. SHEAR. MED. SERICITE, LOW CHLORITE. OCCASIONAL SHORT SECTIONS OF SHEARED ANORTHOSITIC GABBRO. Q-C. VEINS COMMON 1787.4-1787.9 CHLORITIZED, CONTAINS STRINGERS & FINE BLEBS CPY 1841.1-1843.9 STRINGERS PY, LOW CPY	45	1787.4 1841.1	1787.9 1844.0	28981 28982	0.5' 2.9'
1843.9	1854.7	DIORITE DYKES	LOW SHEARED WITH ABUNDANT ALIGNED HORNBLÉNDE PHENOS. CONTACTS WITHIN DYKE SHOW CHILLED & BAKED MARGINS INDICATING THE PRESENCE OF SEVERAL DYKES. SOME CONTACT AREAS SHOW STRINGERS PY 1843.9-1847.0 DISSEMINATED BLEBS PY 1854.1-1854.7 STRINGERS PY & LOW CPY ASSOCIATED WITH Q-C. VEIN & CONTACT	50/55				
1854.7	1865.0	ALTERED GABBROIC ANORTHOSITE	LOW SHEARED: 45-50°C.N., MED. SERIC. & CHLORITE, Q-C. VEINS COMMON, OCCASIONAL SECTIONS ANORTHOSITIC GABBRO 1854.7-1855.4 STRINGERS PY CPY ASSOCIATED WITH CONTACT	45-50	1844.0 1849.5 1854.1	1847.0 1850.0 1855.4	28983 28987 28984	3.0 0.5 1.3
1865.0	1865.8	ALTERED GABBROIC ANORTHOSITE	MED. SHEARED: 45-50°C.N. MED SERIC., LOW CHLORITE					
1865.8	1866.6	FAULT ZONE	FAULT GOUGE: HIGHLY FRACTURED SHEARED & MILLED	45-50				

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1866.6	1880.9	ALTERED GABBROIC ANORTHOSITE	MED. SHEARED: 45-50°C.N., MED SERIC. & CHLOR., FRACTURED TO 1869.3' 1869.5-1871.0 PY STRINGERS ASSOCIATED WITH Q-C. VEINING 1875.7-1878.4 PY & SOME CPY STRINGERS ASSOCIATED WITH Q-C. VEINING	45-50	1869.3 1875.7	1871.0 1878.4	28985 28986	1.7' 2.7'
1880.9	1888.0	ALTERED GABBROIC ANORTHOSITE	LOW SHEARED: 40-45°C.N. MED SERICITE, LOW CHLORITE, LOW TO MED CARBONATE THROUGHOUT. FINE FRACTURES SHEAR-PARALLEL. RARE SHORT SECTIONS MED. CHLORITE					
1888.0	1905.8	ALTERED GABBROIC ANORTHOSITE	LOW ALTERED, LOW-MED SERICITE, LOW CHLORITE; ALTERED ANORTHOSITE SECTIONS. LOW-MED CARB THROUGHOUT					
1905.8	1910.5	ALTERED GABBROIC ANORTHOSITE	MEDIUM SERICITE, MED CHLORITE, TURBULENT Q-C. VEINING 1909.6-1910.5 Q-C. VEIN 5" WIDE. CONTACTS 75° & 50° C.N. NOT VISIBLY MINERALIZED		1909.1	1910.5	28993	1.4'
1910.5	1916.8	PROBABLE FAULT ZONE	TURBULENT SHEARING & FRACTURING, HIGH SERICITE, MED CHLORITE 1910.9-1912.6 Q-C. VEIN. 1.3' WIDE, UPPER CONTACT 60°C.N. LOWER: TURBULENT, NOT VISIBLY MINERALIZED		1910.9	1912.7	28994	1.8'
1916.8	1920.8	ALTERED GABBROIC ANORTHOSITE	LOW SERICITE, LOW CHLORITE, LOW-MED. CARB. 1920.3-1920.8 PATCHES PINK & WHITE CARB. CONTAINING BLEBS & PATCHES PY		1920.3	1920.8	28995	0.5'
1920.8	1964.4	GABBROIC ANORTHOSITE	RELATIVELY UNALTERED EXCEPT FOR SERICITE & CHLORITE ALONG FINE FRACTURES; SHORT SECTIONS MEDIUM CHLORITE, SOMETIMES CONTAIN BLEBS PY. SECTIONS ALTERED ANORTHOSITE COMMON		1932.5 1959.7	1933.5 1961.2	28996 28997	1.0' 1.5'
1964.4	1967.5	ALTERED GABBROIC ANORTHOSITE	MEDIUM SERICITE, LOW CHLORITE					
1967.5	1972.1	PROBABLE FAULT ZONE & Q-C. VEIN	HIGH TURBULENT SHEARING & FRACTURES WITH TURBULENT Q-C. VEINING 1968.7-1971.0 Q-C. VEIN WITH SERITICIZED FRACTURES. CONTACTS: 60°C.N. NOT VISIBLY MINERALIZED		1967.7 1968.7 1971.0	1968.7 1971.0 1971.9	28998 28999 29000	1.0' 2.3' 0.9
1972.1	1974.1	ALTERED GABBROIC ANORTHOSITE	AS 1964.4-1967.5					
1974.1	2065.4	GABBROIC ANORTHOSITE	RELATIVELY UNALTERED, OCC. SECTIONS LOW ALTERED & SHEARED					

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2065.4	2080.9	ALTERED GABBROIC ANORTHOSITE	SHEARED 45-50°C.N. MEDIUM SERICITE, AREAS OF MEDIUM CHLORITE, Q-C. VEINING COMMON 2073.6-2074.7 TURBULENT Q-C. VEIN NOT VISIBLY MINERALIZED 2076.1-2078.0 FAULT ZONE HIGH SHEARED, FRACTURED, GOUGED		2073.6	2074.7	29240	1.1'
2080.9	2182.7	GABBROIC ANORTHOSITE	AS 1974.1-2065.4 PATCHES OF CARBONATE TO 6", WITH CHLORITIZED MARGINS & OCCASIONALLY CONTAINING PINK CARB PATCHES, ARE COMMON FROM 2130.0-2140.0' THESE ARE NOT VISIBLY MINERALIZED 2161-2167' 6' LOST CORE, FRAGMENTS INDICATE PROBABLE MINOR FAULT ZONE		2182.1	2182.8	29258	0.7'
2182.7	2185.5	DYKE	2167.0-2167.8 MED. CHLORITIZED SECTION, CONTAINS BLEBS PY. 2182.2-2182.7 6" PINK CARB. VEIN. 30 C.N. WITH BLEBS PY, MINOR CPY BLACK WITH QTZ PHENOS. FINE, CARB-FILLED FRACTURES ABUNDANT & SOMETIMES CONTAIN BLEBS PY.	30/35	2182.8	2185.7	29259	2.9'
2185.5	2270.1	GABBROIC ANORTHOSITE	RELATIVELY UNALTERED, OCCASIONAL SECTIONS CONTAIN LOW TO MED. CHLORITE. EVEN WHERE UNALTERED, FELDSPAR CRYSTALS ARE OUTLINED BY CHLORITE. SOME SHORT SECTIONS MAY BE LOW SHEARED		2272.7	2273.0	29266	0.3'
2270.1	2273.0	ALTERED GABBROIC ANORTHOSITE	LOW SERICITE, MED-HIGH CHLORITE 2272.7-2273.0 MINERALIZED Q-C. VEIN 45°C.N. CONTAINS 20% PY & PO, 1% CPY		2273.0	2274.3	29267	1.3'
2273.0	2274.3	DYKE	GREY, AFRANITIC, HIGH CARB, CONTAINS A FEW FINE STRINGERS CPY CONTACTS:	45/50				
2274.3	2276.1	ALTERED GABBROIC ANORTHOSITE	AS 2270.1-2273.0'					
2276.1	2316.3	GABBROIC ANORTHOSITE	RELATIVELY UNALTERED WITH SHORT SECTIONS ANORTHOSITE & OCCASIONAL SHORT SECTIONS CHLORITIZED 2302.1-2304.4 CHLORITIZED SECTION CONTAINING A 6" ANKERITE & CARBONATE VEIN 45°C.N., WITH FINE CPY STRINGERS & ALSO CONTAINING A 3" ANKERITE & CARBONATE VEIN, 45°C.N., WITH PO STRINGERS & PY BLEBS		2302.3	2302.9	29268	0.6'
					2302.9	2304.0	29269	1.1'

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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
2316.3	2329.6	F.P. DYKE	GREY WITH FELDSPAR PHENOS & ABUNDANT CHLORITOID. NARROW Q-C. VEINS COMMON 2320.4-2321.5 ALTERED GABBROIC ANORTHOSSITE, CONTACTS: 45/60° CN Q-C. VEIN AT UPPER CONTACT CONTAINS PY & SOME CPY 2327.5-2329.6 CONCENTRATION OF Q-C. VEINING & DISSEMINATED PY	20/55	2320.2	2320.6	29270	0.4'
2329.6	2332.9	ALTERED GABBROIC ANORTHOSSITE	LOW SERICITE, MEDIUM CHLORITE 2332.5-2332.9 MINERALIZED Q-C. VEINING, 5% PY & CPY, 50° C.N.		2327.5	2329.6	29271	2.1'
2332.9	2335.4	GREY DYKE	NARROW Q-C. VEINS COMMON. CONTACTS:	50/50	2332.5	2333.0	29272	0.5'
2335.4	2343.7	ALTERED GABBROIC ANORTHOSSITE	HIGHLY CHLORITIZED NEAR DYKE DECREASING WITH DISTANCE					
2343.7	2358.3	GABBROIC ANORTHOSSITE	OCCASIONAL CHLORITIZED SECTIONS TO 1" WIDE					
2358.3	2360.1	F.P. DYKE	GREY WITH FELDSPAR PHENOS. CONTACTS:	45/45				
2360.1	2393.7	GABBROIC ANORTHOSSITE	AS 2343.7-2358.3'					
2393.7	2417.7	F.P. DYKE	AS 2358.3-2360.1 FINE CARB. FILLED FRACTURES & NARROW Q-C. VEINS COMMON 2412.5-2413.7' GABBROIC ANORTHOSSITE, UPPER CONTACT 50° C.N., LOWER CONTACT IRREGULAR	50/45				
2417.7	2444.6	GABBROIC ANORTHOSSITE	AS 2343.7-2358.3' 2442.9-2443.7' DYKE, GREY, APHANITIC, FINE CARB-FILLED FRACTURES COMMON, CONTACTS: 50/55° C.N.					
2444.6	2459.9	F.P. DYKE	GREY WITH WHITE PHENOS, VERY FINE CARB-FILLED FRACTURES COMMON 2456.8-2457.2 Q-C. VEINING, NOT VISIBLY MINERALIZED 2457.2-2457.8 GABBROIC ANORTHOSSITE	35/55	2456.8	2457.2	29297	0.4'
2459.9	2463.0	ALTERED GABBROIC ANORTHOSSITE	LOW CHLORITIZED & DECREASING WITH DISTANCE FROM DYKE					
2463.0	2478.6	GABBROIC ANORTHOSSITE	SOME SECTIONS PORPHYRITIC 2468.0-2469.9 MED. TO HIGH CHLORITIZED WITH CARB SECTIONS TO EITHER SIDE OF A 2" DYKE, 45° C.N., CARB SECTIONS ARE MINERALIZED WITH STRINGERS OF PY		2468.0	2469.1	29298	1.1'

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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
2478.6	2500.9	ALTERED GABBROIC ANORTHOSITE	LOW TO MEDIUM CHLORITIZED. SECTIONS ANORTHOSITIC GABBRO ?, OCCASIONAL SERICITIZATION 2483.0-2483.4 4" DYKE MATERIAL, 50°C.N., BUFF TO GREY, BANDED 2487.5-2488.0 Q-C. VEIN 15°C.N. WITH 1% @ PO, PY & CPY 2498.7-2499.0 BUFF CARB. 15°C.N. 2499.0-2499.7 Q-C. VEIN 15°C.N. 1% CPY, 1% PO + PY		2487.2	2488.0	29299	0.8'
2500.9	2547.6	GABBROIC ANORTHOSITE	RELATIVELY UNALTERED, SHORT SECTIONS ANORTHOSITE, SHORT SECTIONS LOW CHLORITIZED 2501.6-2502.3' LOW CHLOR. & SERIC. 2515.8-2517.0' LOW CHLOR & SERIC. WITH 1" Q-C. VEIN, 45°C.N., CONTAINING BLEBS PY		2499.0	2499.7	29300	0.7'
2547.6	2558.3	ALTERED GABBROIC ANORTHOSITE	LOW TO MEDIUM SERICITIZED SOME LOW CHLORITIZATION. LOW CARBONATED 2550.1-2551.2 Q-C. VEINING 60-70°C.N. NOT VISIBLY MINERALIZED AS 2500.9-2547.6		2550.1	2551.2	29003	1.1'
2558.3	2573.1	GABBROIC ANORTHOSITE						
2573.1	2596.4	ALTERED GABBROIC ANORTHOSITE	LOW CHLORITE, LOW SERICITE, MED-HIGH CARB., CHLORITE & SERICITE INCREASE FROM 2583, Q-C. VEINS COMMON: OFTEN PYRITIZED SOMETIMES CONTAIN PO, RARELY: LOW CPY. SOME LOW SHEARING, LOCALIZED AT 50°C.N.		2576.0	2576.9	29007	0.9'
					2588.6	2590.1	29004	1.5
					2592.0	2592.7	29005	0.7'
					2594.7	2595.7	29006	1.0'
2596.4	2546.0	GABBROIC ANORTHOSITE	RELATIVELY UNALTERED, SHORT SECTIONS ANORTHOSITE, SHORT SECTIONS CHLORITIZED & SERICITIZED 2625.4-2627.1 LOW SHEAR, MED. SERIC. & CHLORITE WITH 2" Q-C. VEIN 45°C.N. CONTAINING BLEBS PY & PO 2639.7-2641.0' Q-C. VEINING, 50-70°C.N. NOT VISIBLY MINERALIZED 2643.7-2645.0 LOW SHEARED, MED/HIGH CHLORITIZED		2626.2	2626.6	29008	0.4'
2546.0	2659.0	ANORTHOSITIC GABBRO ?	SOME SECTIONS GABBROIC ANORTHOSITE, SOME SECTIONS CHLORITIZED & SERICITIZED, RARELY SHEARED		2639.7	2641.0	29009	1.3'
		<u>2659.0 END OF DDH QC-19</u>						

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 Location 450S
 Section 37 + 50E

D.D.H. SAMPLES

Latitude
 Departure
 Bearing
 Dip

JEB FORM 370

Length

Sample Number	From	To	Samp Len	Au oz/T	Cu %	CUMULATIVE TOTALS			AVERAGES			
						Cum Len	Au oz/T	Cu %	Cum Len	Au oz/T	Cu %	
28571	625.8	629.8	4.0	.002	.01							
72	629.8	633.8	4.0	.003	.01							
73	633.8	637.8	4.0	Tr	.01							
74	637.8	640.0	2.2	.002	.01							
75	648.1	649.9	1.8	.002	.01							
76	884.9	888.9	4.0	.003	.01							
77	888.9	891.2	2.3	.003	.01							
78	891.2	895.2	4.0	.002	.01							
79	895.2	899.2	4.0	.002	.01							
80	899.2	903.2	4.0	.001	.01							
81	903.2	907.2	4.0	.003	.01							
82	907.2	911.2	4.0	.005	.01							
83	911.2	915.2	4.0	.002	.01							
84	915.2	919.2	4.0	.003	.01							
85	919.2	923.2	4.0	Tr	.01							
86	923.2	927.2	4.0	Tr	.01							
87	927.2	931.2	4.0	.008	0.02							
88	931.2	935.2	4.0	Tr	0.01							
89	935.2	937.0	1.8	Tr	0.01							
90	944.9	947.2	2.3	.004	0.01							
91	947.2	949.7	2.5	Tr	.02							
92	1030.9	1031.9	1.0	.004	.01							
93	1040.0	1041.0	1.0	.002	.01							
94	1052.2	1054.0	1.8	.002	.01							
95	1055.0	1056.7	1.7	.002	.05							

D.D.H. No. QC-19

D.D.H. SAMPLES

Latitude
Departure
Bearing
Dip

JEB FORM 270

Length

Section

Sample Number	From	To	Samp Len	Au oz/T	Cu %	Ag oz/T	CUMULATIVE TOTALS			AVERAGES			
							Cum Len	Au oz/T	Cu %	Cum Len	Au oz/T	Cu %	
28596	1070.1	1071.1	1.0	.002	.01								
97	1132.2	1133.2	1.0	.002	.01								
98	1133.2	1134.2	1.0	.002	.01								
28901	1151.4	1152.4	1.0	.002	0.01								
02	1177.6	1178.7	1.1	.010	0.08								
03	1178.7	1179.9	1.2	.009	0.04								
04	1179.9	1180.3	0.4	.006	0.75								
05	1180.3	1181.5	1.2	.002	0.01								
06	1235.9	1236.9	1.0	.014	0.01	0.05							
07	1299.9	1300.7	0.8	.003	0.17								
08	1302.2	1303.2	1.0	Tr	0.10								
09	1304.6	1305.3	0.7	Tr	0.50								
10	1305.3	1308.0	2.7	.002	0.12								
11	1294.2	1294.8	0.6	.011	0.40								
12	1309.0	1309.8	0.8	Tr	0.02	0.05							
13	1311.5	1312.2	0.7	Tr	0.02	Tr							
14	1314.7	1315.9	1.2	Tr	0.01	Tr							
15	1316.6	1317.8	1.2	.010	1.10	0.40	1.7	.007	0.97	0.38			
16	1317.8	1318.3	0.5	.003	0.65	0.35							
17	1333.3	1335.2	1.9	Tr	0.01								
18	1335.2	1336.5	1.3	.002	0.01								
19	1369.6	1371.4	1.8	Tr	0.01								
20	1388.1	1388.8	0.7	.004	0.10	.15							
21	1414.5	1415.9	1.4	Tr	0.02	Tr							
22	1419.1	1420.2	1.1	.007	0.45	0.20							

D.D.H. SAMPLES

D.D.H. No. 0C-19
Location
Section

Latitude
Departure
Bearing
Dip

Length

Sample Number	From	To	Samp Len	Cu %	Ag oz/T	CUMULATIVE TOTALS			AVERAGES				
						Au oz/T	Cu %	Ag oz/T	Cum Len	Au oz/T	Cu %		
28923	1425.0	1426.8	1.8	Tr	0.01	Tr							
24	1432.0	1434.2	2.2	.003	0.02	Tr							
25	1435.8	1437.5	1.7	.004	0.10	0.05							
26	1437.5	1438.8	1.3	.002	0.02	Tr							
27	1438.8	1440.0	1.2	.006	0.19	0.85							
28	1440.0	1440.7	0.7	Tr	0.01	Tr							
29	1440.7	1441.3	0.6	Tr	0.14	0.05							
30	1441.3	1442.6	1.3	Tr	0.01	Tr							
31	1442.6	1445.5	2.9	Tr	0.20	0.75							
32	1445.5	1447.9	2.4	.007	0.04	0.04							
33	1447.9	1449.1	1.2	.005	0.10	0.10							
34	1449.1	1451.8	2.7	Tr	0.09	0.05							
35	1451.8	1452.2	0.4	.001	0.06	0.05							
36	1480.6	1481.1	0.5	.014	0.02	0.05							
37	1414.3	1516.1	1.8	.002	0.02	0.05							
38	1524.7	1525.8	1.1	.002	0.02	0.10							
39	1529.3	1530.5	1.2	.001	0.01	0.05							
40	1533.7	1535.3	1.6	Tr	0.01	Tr							
41	1543.5	1545.2	1.7	Tr	0.01	Tr							
42	1568.4	1569.4	1.0	Tr	0.02	Tr							
43	1570.5	1572.2	1.7	.004	0.01	.05							
44	1572.2	1574.8	2.6	.002	0.01	.05							
45	1580.5	1584.5	4.0	.002	0.01	Tr							
46	1584.5	1586.0	1.5	.003	0.01	Tr							
47	1586.0	1590.0	4.0	.001	0.01	Tr							

DIAMOND DRILL LOG
CAMCHIB RESOURCES INC.
EXPLORATION DIVISION

DDH No QC-25

TESTS

LOCATION

PAGE 1

SURVEY

TROPARI

ACID

GRID

LOCATION 1020S LATITUDE 1012.68S
SECTION 3950E DEPARTURE 3887.97E
BEARING 1 86°14' ELEVATION 10073.10
DIP 2456.0' BEARING 66 30'
LENGTH 2456.0' DIP 66 30'
CASING PULLED No TARGET
CORE SIZE BQ
DATE STARTED Dec 13, 1981 to
DATE COMPLETED Jan 26, 1982
BAGS CEMENT 2 Nil
TWP. McKenzie CLAIM MC 136 & 437

DEPTH 200'
400'
600'
1000'
1200'
1400'

MAG BRG 21 30'
28 00'
27 30'
32 00'
37 00'
40 00'

CORR BRG 3 30'
10 00'
9 30'
14 00'
19 00'
19 30'

DIP 64
64
65
65
64
63

DIP 3 64 30'
64 64 30'
65 64 30'
65 64 30'
65 66 00'
64 63 30'
63 63 00'
64 61 00'

PROPERTY Quebec Chibougamau
LOGGED BY M. A. Kane
DRILL CO. Les Forages
Ungava Inc

FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE NO.	NOTES
0.0	7.0	Overburden						
7.0	329.5	Gabbroic Anorthosite	Relatively unaltered, 5-35% ferromagnesian. Some sections have porphyritic texture. Occasional low alteration. Rare sections anorthosite.	60	275.6	276.4	30263	
329.5	343.5	Altered Gabbroic Anorthosite	275.6 - 276.4 Pyritized Quartz Vein 2" wide Low Sericite, med. interstitial chlorite, narrow Q-C veins common. Short sections rel. unaltd.	75-80				
343.5	351.4	Gabbro (?) Dyke	330.2 - 333.8 Pyritization assoc. with Q.C. veining		330.2	333.8	30264	
351.4	562.1	Gabbroic Anorthosite	Grey, black & white mottled, med. grained, aphanitic margins, fine carb. filled fractures present.	60/60				
562.1	567.9	Altered Gabbroic An.	As 7.0 - 329.5 445.7 - 453.7 Low sericite, med. to low shearing. Py patches common, rare Po	65-85	449.3	453.3	30265	
567.9	594.2	F.P. Dyke	Very low sericitization increasing slightly & accompanied by light shearing near dyke. 562.6 - 564.4 Blocky core 566.7 - 567.0 Py and Po assoc. with fractures	55				
594.2	629.6	Altered Gabbroic An.	Grey with white phenos. Fine carb. filled fractures common. Diss. Py especially assoc. with fractures to 578.6' and again from 591.0' to lower contact. Po & rare cpy assoc. with py in two sections near upper contact. Med. carb. near lower contact.	60/50	566.0	567.9	30266	
					567.9	570.7	30267	
					573.6	577.3	30268	
					596.0	597.7	30270	
					607.9	609.5	30271	
629.6	639.8	Dyke	Med. to low sericite, high carb. occasional py, sheared near dykes; 596.0 - 597.7, 45 CN; 601.6 - 601.9, 50 CN; 603.8 - 604.0, 50 CN; 604.7 - 605.2, 50 CN; 608.2 - 609.4, 55/40 CN; 626.4 - 626.9, 45/30 CN. All these dykes are grey, aphanitic & slightly sheared Some contain Py & Po. Grey with faint dark phenos. Diss. blebs Py & Po near lower contact 639.7 - 639.9 Q-C Vein 1" wide, 50% Po, 1% Cpy	54/45 45	638.1	639.4	30272 30273	

NOTES:

- 1) Give reference - Magnet
- 2) All holes drilled from ice n
- 3) Corrected dip

WILMOND HILL LOG
CAMCHIB RESOURCES INC.
EXPLORATION DIVISION

DDH No. **QC-25**
 PAGE No. **2**

1000 44 30' 26 30' 60 00'
 1800 44 00' 26 00' 58 55 30'
 2000 52 00' 34 00' 56 56 00'
 2200 46 00' 28 00' 53 52 00'
 2400 47 00' 29 00' 54 53 30'

FROM	TO	ROCK NAME	DESCRIPTION	100' CN's	FROM	TO	SAMPLE No.	NOTES
639.8	655.4	Dyke	Grey-green, mottled appearance, grey aphanitic margins. Narrow aphanitic margins. Narrow carb. veins, occasional blebs Py.	45/45	685.5	686.0	30274	
655.4	682.8	Altered Gabbroic An.	Low shearing to 672.3 then med. sheared, med. sericite, then high sheared, med. to high sericite. Med. chlorite 671.0 - 672.8	40-50	713.3	716.8	30276	
682.8	693.3	SHEAR ZONE	Short dykes alternating with very highly sheared gabbroic An. Dykes are grey, low sheared: 682.8 - 683.5, 684.9-685.2, 685.7-687.1. Shear high to med. from 688.0 High Ser. Low chlor.	50-60 45/30 30/45	738.9	741.6	30277	
693.3	716.8	Dyke	685.2-685.5 Gouge, probable Fault 685.5-687.1 2" Q-C Vein not visibly mineralized 692.9-693.3 3" dark Q-C Vein, fractured, Py strcs. less than 1% Cpy	55/60	747.7	750.5	30278	
716.8	750.5	Altered Gabbroic An.	Medium sheared, grey mottled. Q-C veins common, occasionally pyritized. 713.3-716.8 Q-C veining with stringers py, po & rare cpy. Gouge from 705.0-705.2, probable fault	45-55 60/50	750.5	754.1	30279	
750.5	756.7	Q-C Vein	Med. to high sheared decreasing to low sheared by 732.4. Q-c veins up to 1" 738.9-741.6 Q-C Vein, pyritized 747.7-750.5 Q-C veining, noy visibly mineralized	45-55 70/75	754.1	754.7	30280	
756.7	777.6	Altered Gabbroic An.	Not visibly mineralized except for py at lower contact 754.1-754.6 Dyke, pyritized margins	80/45 35/45	754.7	756.8	30281	
777.6	1005.4	Gabbroic Anorthosite	Med. sericite, low shearing, decreasing to low ser. by 776.1 Mainly med. interstitial sericite & chlorite, low altered sects. 920.4-925.1 Low to med. sericite, low chlorite. Q-c veins common, pyitized, partly blocky core. 1003.4-1005.4 Med. sericite, low chlorite. Q-C vein 1004.4-1005.1 Heavy po with stringers cpy 2%	70	921.1	924.1	30282	
					1004.3	1005.2	30283	

WILLOW
CAMCHIB RESOURCES INC.
 EXPLORATION DIVISION

DDH No. JC-25
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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
1005.4	1026.7	DYKE	Grey, mottled, aphanitic margins, fine carb. fractures common. Disseminated py throughout. Fine stringers of Po, Py & Cpy near upper contact. Narrow Q-C vein at lower contact with blebs Py & Po	50/60	1005.2 1026.1	1006.3 1027.5	30284 30285	
1026.7	1235.0	Gabbroic Anorthosite	As 777.6-1005.4 1026.7-1027.5 Med. sericite, blebs py & po 1031.7-1032.7 Chloritized, blebs py rare cpy	50/40	1031.7	1032.7	30286	
1235.0	1249.0	F.P. Dyke	Grey with abundant white phenos. Fine carb. filled fractures quite common. Occasional bleb or stringers py.	30-45				
1249.0	1293.2	Gabbroic Anorthosite	As 777.6-1005.4					
1293.2	1304.6	Altered Gabbroic An.	Low to med. sheared, mostly med ser. some low. Occasional low chlorite. Stringers & blebs Py					
1304.6	1442.6	"	Mainly low sericitized with unaltered sections. Also sections low to med. chloritized usually with blebs Py. Patches pink carbonate common.					
1442.6	1493.0	"	1333.0-1343.0 Blebs Py 1383.0-1383.4 3" Pyritized Q-C vein in chloritized section. 1390.8-1400.2 Low Shear, low to med. sericite & chlorite. Blebs & stringers py common.	60 50-60	1382.8	1383.8	30287	
1493.0	1507.8	"	Low to med. sericitized, patchy chloritization. Short sections med. sheared with med. to high sericite & low to med. chlorite. Blebs py. 1454.8-1457.6 Sheared section as described above with patch cpy, less than 1%		1456.3	1457.3	30288	
		"	Med. sericitized, low to med chlorite, some low shearing. Occasional py stringers. Q-C veining common. 1502.6-1507.8 Med to high chlorite. Py stringers common especially associated with Q-C veining. Po & Py stringers at lower contact		1507.3	1508.3	30289	

WILMOND DRILL LOG
CAMCHIB RESOURCES INC.
 EXPLORATION DIVISION

DDH No. QC-2,

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FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
1507.8	1548.0	DYKE	Grey mottled, carb. filled fractures common. 1513.2-1513.6 4" dark Q-C vein, fractured, blebs py & cpy especially at margins. Dyke material below is chloritized & contains py and cpy stringers. 1516.1-1517.3 Dark Q-C vein, fractured, blebs & stringers py & cpy 1517.9-1518.2 As above 3" wide 1518.3-1518.6 As above 2.5" wide also fine stringers po 1542.4-1548.0 dyke is med. sheared 1539.6-1542.4 Q-C veining to 2.5'	30/45 30/15	1513.1 1513.6	1513.6 1514.2	30290 30291	
1548.0	1596.6	SHEAR ZONE	Highly sheared, sometimes turbulent, altered gabbroic anorthosite. Shearing angle varies, initially 30CN increasing to 70CN by 1565.0 Thereafter the shear is variable & often turbulent. Med to high sericite with low to med. chlorite throughout. Q-C veining common, often pyritized, rare cpy. 1577.0-1580.3 40% Q-C veining, not visibly mineralized 1580.7-1588.0 Highly sheared & fractured. Gouge from 1582.2-1582.4 Fault? 1589.2-1593.6 75% Q-C veining, turbulent, not vis. mineralized	30-70	1551.7 1564.8 1569.3	1552.8 1567.6 1571.4	30297 30298 30299	
1596.6	1751.6	Altered Gabbroic An.	Medium shear, sometimes turbulent, decreasing to low intermittent shear by 1606.0. Med. sericite, patchy chloritization. Fractures common, rare sections highly fractured, possible minor faults. Mainly relatively unaltered with short altered sections, often highly fractured. Pink carbonate patches up to 2" from 1766.9-1806.7. Some sections anorthosite.	35-45	1577.0 1578.8	1578.8 1580.3	30300 30301	
1751.6	1809.3	Gabbroic Anorthosite	Low to med. sericite, rare shearing, patchy chloritization, pink carbonate patches from 1820.2-1824.0. Rare Py.		1589.2 1591.5	1591.5 1593.6	30302 30303	
1809.3	1861.8	Altered Gabbroic An.	Relatively unaltered G.A. and Anorthosite. Short sections low altered, highly fractured, sometimes gouged, 1865.9-1867.1, 1871.4-1871.8, 1910.0-1911.7, 1925.1-1928.4					
1861.8	1939.5	Gabbroic Anorthosite	1933.5-1936.8 Dyke? Dark, mottled, uncertain contacts, med. carbonatized. 1936.8-1939.5 Alternating pink-buff carbonated & chloritic gabbroic anorthosite, blebs Py.					

CAMCHIB RESOURCES INC.
EXPLORATION DIVISION

DDH No. QC-25
PAGE No. 5

FROM	TO	ROCK NAME	DESCRIPTION	CN's	FROM	TO	SAMPLE No.	NOTES
1939.5	1990.5	Altered Gabbroic An.	Low sericitized, some relatively unaltered sections to 1964.0. Fracturing common, locally heavy.	45-55				
1990.5	2032.3	" "	Low shear, med. sericite, low chlorite, med carbonate. 2019.8-2022.2 Med chlorite & apparent vein of pinkish brown carbonate with disseminated py.	35/40 3050 - 30/50	2035.2 2039.2	2036.4 2041.1	30304 30305	
2032.3	2035.2	DYKE	2080.9-2032.3 Med. shear, med sericite, chlorite					
2035.2	2041.1	Altered Gabbroic An.	Grey-buff, mottled, med. sheared, Q.C. veining common Highly sheared, some turbulent shear near lower contact. Q.C. veining common near contacts, usually contains py stringers, low po.	30/45	2041.1 2042.0 2042.0 2043.7 2043.7 2044.5 2044.5 2046.0 2048.0 2049.5 2050.5 2050.5 2063.9	2042.0 2043.7 2044.5 2046.0 2047.0 2050.5 2051.4 2065.2	30306 30307 30308 30309 30310 30311 30312 30313	
2068.8	2079.2	Altered Gabbroic An.	Medium sericitized, high to med. chlorite, some low shear. Narrow Q-C veins, rarely pyritized. Med to low carb. Possible dyke.	45/50				
2079.2	2090.3	" "	Low sericite, patchy chloritization.	/25				
2090.3	2092.0	F.P. Dyke	Grey with white feldspar phenos, banded 30-40CN					
2092.0	2111.5	Altered Gabbroic An.	Low sericite, patchy chloritization, sections relatively unaltd. 2094.0-2095.0 Ground Core. 2103.1-2103.7 F.P. Dyke Upper contact turbulent					
2111.5	2123.6	DYKE	Grey, mottled. Fine Q-C veins near upper contact. Aphanitic finely fractured margins. Occasional blebs Py.					
2123.6	2130.4	Altered Gabbroic An.	Med sericite, short sections med. chlor. Low shearing.					
2130.4	2456.0	Gabbroic Anorthosite & Anorthosite	Mainly rel. unaltd. but sects. of low sericite common. Alteration sometimes incl. low chlorite, rare shear planes. 2166.9-2167.6 Fractured crumbly core. 2210.0-2210.9 Ground core. 2411.4-2413.4 Med. to high chloritized, Py blebs assoc. Q-C.		2411.4	2413.4	30314	
	2456.0	END OF DDH QC-25						

**ANNEXE III
CERTIFICATS D'ANALYSE
DU FORAGE
COMPLÉMENTAIRE**

SOQUEM INC.

UNE FILIALE DE SCF MINÉRAL INC.

Un partenaire de choix en exploration minière.

462, 3^e Rue, bureau 1, Chibougamau (Québec), Canada G8P 1N7 / Tél. : (418) 748-7641 Fax : (418) 748-7370

CERTIFICAT D'ANALYSE



Client : SOQUEM INC.
 462, 3 rue Bureau 16
 CHIBOUGAMAU, QUÉBEC
 G8P 1N7

Date de réception : 13-04-00
 Projet : 4567-1119
 # Certificat : 17658

Responsable : Monsieur Pierre Folco
 Téléphone : (418) 748-7641 Fax : (418) 748-7370

ÉCHANTILLON CODIFICATION		Au	Au	Au	Au	Ag	Ag	Ag	Ag	Cu	Cu	Cu	Cu	Zn	Zn	Zn	Zn
#	#	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
		ppb	Pulpe	Rejet	ppb	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm	ppm	ppm	Rejet	ppm
		0	0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0	0	0
120371	SOQCHIB 5 30				30	1.5			1.5	21			21	30			30
120372	SOQCHIB 5 18				18	1.5			1.5	19			19	25			25
120373	SOQCHIB 5 30				30	1.5			1.5	96			96	25			25
120374	SOQCHIB 5 25				25	2.0			2.0	59			59	20			20
120375	SOQCHIB 5 18				18	1.5			1.5	32			32	30			30
120376	SOQCHIB 5 40				40	1.5			1.5	38			38	10			10
120377	SOQCHIB 5 15				15	1.5			1.5	33			33	25			25
120378	SOQCHIB 5 23				23	1.5			1.5	94			94	35			35
120379	SOQCHIB 5 20				20	1.5			1.5	46			46	20			20
120380	SOQCHIB 5 13				13	1.5			1.5	13			13	25			25
120381	SOQCHIB 5 5				5	2.0			2.0	11			11	30			30
120382	SOQCHIB 5 13				13	1.5			1.5	120			120	25			25
120383	SOQCHIB 5 35				35	1.5			1.5	84			84	25			25
120384	SOQCHIB 5 20				20	1.0			1.0	4			4	5			5
120424	SOQCHIB 5 13				13	1.5			1.5	4			4	20			20
120425	SOQCHIB 5 28				28	2.5			2.5	30			30	65			65
120426	SOQCHIB 5 23				23	1.5			1.5	16			16	45			45
120427	SOQCHIB 5 23				23	1.5			1.5	13			13	15			15
120428	SOQCHIB 5 23				23	2.0			2.0	9			9	45			45
120429	SOQCHIB 5 20				20	1.0			1.0	14			14	10			10
120430	SOQCHIB 5 23				23	1.5			1.5	11			11	15			15
120431	SOQCHIB 5 23				23	2.0			2.0	24			24	30			30
120432	SOQCHIB 5 20				20	2.0			2.0	20			20	35			35
120433	SOQCHIB 5 20				20	2.0			2.0	48			48	50			50
120434	SOQCHIB 5 20				20	2.0			2.0	7			7	40			40

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: *Nicolas Poirier*

Nicolas Poirier, B.Sc.
 Chimiste, 97-054



011/013

+ SOQUEM CHIBOU

TECHNI-LAB ABITIBI

03/05 '00 08:56 FAX 819 787 6527

CERTIFICAT D'ANALYSE

Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de reception : 13-04-00
Projet : ~~4584~~-1119
Certificat : 17658

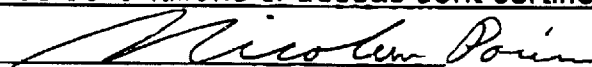
Responsable : Monsieur Pierre Folco
Téléphone : (418) 748-7641 Fax : (418) 748-7370

ÉCHANTILLON #	CODIFICATION #	Au			Ag				Cu			Zn		
		Original	Reprise	Reprise	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Original	Reprise	Reprise
		ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0
120435	SOQCHIB 5 30			30	2.0			2.0	7			7	40	40
120436	SOQCHIB 5 20			20	2.0			2.0	6			6	55	55
120437	SOQCHIB 5 10			10	2.0			2.0	7			7	35	35
120438	SOQCHIB 5 5			5	1.5			1.5	9			9	15	15
120439	SOQCHIB 5 20			20	1.5			1.5	8			8	20	20
120440	SOQCHIB 5 15			15	1.5			1.5	12			12	15	15
120441	SOQCHIB 5 15			15	2.0			2.0	13			13	30	30
120442	SOQCHIB 5 30			30	2.0			2.0	19			19	35	35
120443	SOQCHIB 5 25			25	2.5			2.5	98			98	55	55
120444	SOQCHIB 5 30			30	4.5			4.5	21			21	190	190
120445	SOQCHIB 5 30			30	2.0			2.0	9			9	45	45
120446	SOQCHIB 5 30			30	2.5			2.5	21			21	130	130
120447	SOQCHIB 5 28			28	2.0			2.0	15			15	85	85
120448	SOQCHIB 5 28			28	2.0			2.0	15			15	150	150
120449	SOQCHIB 5 25			25	2.5			2.5	140			140	50	50
120450	SOQCHIB 5 15			15	1.5			1.5	6			6	45	45
120108-D	SOQCHIB 5 43													
120110-D	SOQCHIB 5				1.5				5				88	
120124-D	SOQCHIB 5				1.0				91				470	
120129-D	SOQCHIB 5 18													
120146-D	SOQCHIB 5				1.5				11				23	
120171-D	SOQCHIB 5 20													
120189-D	SOQCHIB 5				1.0				88				99	
120192-D	SOQCHIB 5 23													

Date: 03/05/2000

Les résultats des échantillons ci-dessus sont certifiés

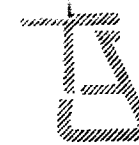
par:



Nicolas Poirier, B.Sc.
Chimiste, 97-054



CERTIFICAT D'ANALYSE



TECHNI-LAB
S.G.B. Abitibi inc.
Pyroanalyse, Géochimie, Environnement

Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de reception : 13-04-00
Projet : 4581-1119
Certificat : 17658

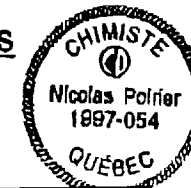
Responsable : Monsieur Pierre Folco
Téléphone : (418) 748-7641 Fax : (418) 748-7370

ÉCHANTILLON #	CODIFICATION #	Au				Ag				Cu		Zn		Zn		Zn	
		Original ppb	Reprise Pulpe ppb	Reprise Rejet ppb	Moyenne ppb	Original ppm	Reprise Pulpe ppm	Reprise Rejet ppm	Moyenne ppm	Original ppm	Reprise Pulpe ppm	Reprise Rejet ppm	Moyenne ppm	Original ppm	Reprise Pulpe ppm	Reprise Rejet ppm	Moyenne ppm
120208-D	SOQCHIB 5				1.0				99				80				
120213-D	SOQCHIB 5 25																
120253-D	SOQCHIB 5				1.5				180				130				
120259-D	SOQCHIB 5 23																
120275-D	SOQCHIB 5				1.5				200				60				
120280-D	SOQCHIB 5 25																
120293-D	SOQCHIB 5 18																
120297-D	SOQCHIB 5				1.0				92				130				
120317-D	SOQCHIB 5 68																
120319-D	SOQCHIB 5				1.5				25				66				
120333-D	SOQCHIB 5 80																
120354-D	SOQCHIB 5 23																
120355-D	SOQCHIB 5				1.5				48				45				
120375-D	SOQCHIB 5 15																
120377-D	SOQCHIB 5				1.5				32				25				
120436-D	SOQCHIB 5 20																
120438-D	SOQCHIB 5				1.5				6				15				
120450-D	SOQCHIB 5 15																
STD Au ppb		920															
STD Au ppb		815															
STD Au ppb		958															
STD Au ppb		875															
STD Au ppb		1035															
STD Au ppb		843															
STD Au ppb		900															

Date: 03/05/2000

Les résultats des échantillons ci-dessus sont certifiés

par: Nicolas Poirier
Nicolas Poirier, B.Sc.
Chimiste, 97-054



012/013

SOQUEM CHIBOU

TECHNI-LAB ABITIBI

03/05 '00 08:58 FAX 818 787 6527

CERTIFICAT D'ANALYSE



TECHNI-LAB
S.G.B. Abitibi inc.
Pyroanalyse, Géochimie, Environnement

Client : SOQUEM INC.
482, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de réception : 17-04-00
Projet : 1119
Certificat : 17670

Responsable : Monsieur Pierre Folco
Téléphone : (418) 748-7641 Fax : (418) 748-7370

ÉCHANTILLON CODIFICATION		Au	Au	Au	Au	Ag	Ag	Ag	Ag	Cu	Cu	Cu	Cu	Zn	Zn	Zn	Zn
#	#	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
		ppb	Pulpe	Rejet	ppb	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm
		0	0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0	0	0
120469	SOQCHIB 5 15				15	2.0			2.0	23			23	520			520
120470	SOQCHIB 5 10				10	1.5			1.5	15			15	370			370
120471	SOQCHIB 5 5				5	2.0			2.0	25			25	550			550
120472	SOQCHIB 5 10				10	1.5			1.5	7			7	50			50
120473	SOQCHIB 5 15				15	3.0			3.0	45			45	290			290
120474	SOQCHIB 5 13				13	3.0			3.0	36			36	550			550
120475	SOQCHIB 5 18				18	2.5			2.5	15			15	460			460
120476	SOQCHIB 5 10				10	1.5			1.5	7			7	60			60
120477	SOQCHIB 5 15				15	1.5			1.5	10			10	70			70
120478	SOQCHIB 5 8				8	1.5			1.5	7			7	70			70
120479	SOQCHIB 5 15				15	1.5			1.5	26			26	80			80
120480	SOQCHIB 5 10				10	2.0			2.0	16			16	100			100
120481	SOQCHIB 5 13				13	1.5			1.5	6			6	65			65
120482	SOQCHIB 5 10				10	1.5			1.5	5			5	40			40
120483	SOQCHIB 5 13				13	1.0			1.0	33			33	40			40
120484	SOQCHIB 5 15				15	1.5			1.5	17			17	70			70
120485	SOQCHIB 5 20				20	2.0			2.0	7			7	120			120
120486	SOQCHIB 5 13				13	2.0			2.0	10			10	76			76
120487	SOQCHIB 5 10				10	1.5			1.5	12			12	40			40
120488	SOQCHIB 5 5				5	3.0			3.0	28			28	130			130
120489	SOQCHIB 5 <2				<2	2.5			2.5	24			24	70			70
120490	SOQCHIB 5 5				5	2.0			2.0	11			11	35			35
120491	SOQCHIB 5 <2				<2	3.0			3.0	12			12	44			44
120492	SOQCHIB 5 <2				<2	2.5			2.5	9			9	35			35

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: *Nicolas Polier*

Nicolas Polier, B.Sc.
Chimiste, 97-054



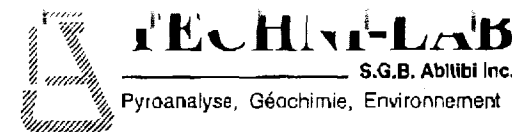
03/05 00 08:59 FAX 819 787 6527

TECHNI-LAB ABITIBI

+ SOQUEM CHIBOU

001

CERTIFICAT D'ANALYSE



Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de réception : 17-04-00
Projet : 1119
Certificat : 17670

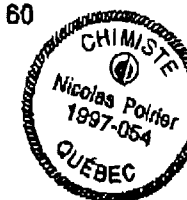
Responsable : Monsieur Pierre Folco
Téléphone : (418) 748-7641 Fax : (418) 748-7370

ÉCHANTILLON #	CODIFICATION #	Au				Ag				Cu				Zn			
		Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
		ppb	Pulpe	Rejet	ppb	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm
120493	SOQCHIB 5 3	0	0	0	3	0,0	0,0	0,0	2.5	0	0	0	23	0	0	0	40
120494	SOQCHIB 5 <2				<2				2.5				35				35
120495	SOQCHIB 5 <2				<2				2.5				28				40
120496	SOQCHIB 5 <2				<2				2.5				36				49
120497	SOQCHIB 5 <2				<2				2.0				6				30
120498	SOQCHIB 5 <2				<2				2.5				5				30
120499	SOQCHIB 5 <2				<2				2.5				8				40
120500	SOQCHIB 5 7				7				1.0				6				15
120501	SOQCHIB 5 <2				<2				2.0				28				34
120502	SOQCHIB 5 10				10				2.5				56				75
120503	SOQCHIB 5 <2				<2				2.5				27				44
120504	SOQCHIB 5 3				3				2.5				10				49
120505	SOQCHIB 5 <2				<2				2.5				11				39
120506	SOQCHIB 5 <2				<2				2.0				16				30
120507	SOQCHIB 5 3				3				2.5				29				45
120508	SOQCHIB 5 <2				<2				2.5				11				39
120509	SOQCHIB 5 <2				<2				2.0				38				35
120510	SOQCHIB 5 <2				<2				2.5				9				35
120511	SOQCHIB 5 <2				<2				2.5				10				25
120512	SOQCHIB 5 <2				<2				2.5				10				40
120513	SOQCHIB 5 <2				<2				2.5				18				25
120514	SOQCHIB 5 3				3				2.5				19				30
120515	SOQCHIB 5 <2				<2				2.5				10				30
120516	SOQCHIB 5 <2				<2				2.0				28				40
120517	SOQCHIB 5 17				17				3.0				310				60

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: *Nicolas Poirier*
Nicolas Poirier, B.Sc.
Chimiste, 97-054



03/05 '00 09:00 FAX 819 787 6527

TECHNI-LAB ABITIBI

SOQUEM CHIBOU

002

CERTIFICAT D'ANALYSE



Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de réception : 17-04-00

Projet : 1119

Certificat : 17670

Responsable : Monsieur Pierre Folco

Téléphone : (418) 748-7641

Fax : (418) 748-7370

ÉCHANTILLON	CODIFICATION	Au		Au	Au	Ag		Ag	Ag	Cu	Cu		Cu	Zn	Zn		Zn
		Original	Reprise			Original	Reprise				Original	Reprise			Original	Reprise	
#	#	ppb	Pulpe	ppb	Moyenne	ppm	Pulpe	ppm	Moyenne	ppm	Pulpe	ppm	Moyenne	ppm	Pulpe	ppm	Moyenne
		0	0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0	0	0
120518	SOQCHIB 5 <2				<2	3.0			3.0	13		13	44				44
120519	SOQCHIB 5 93				93	5.0			5.0	570		570	160				160
120520	SOQCHIB 5 18				18	3.0			3.0	77		77	120				120
120521	SOQCHIB 5 <2				<2	2.5			2.5	12		12	49				49
120522	SOQCHIB 5 50				50	3.0			3.0	120		120	64				64
120523	SOQCHIB 5 25				25	4.0			4.0	300		300	120				120
120524	SOQCHIB 5 <2				<2	3.0			3.0	88		88	110				110
120525	SOQCHIB 5 <2				<2	2.5			2.5	16		16	64				64
120526	SOQCHIB 5 8				8	4.5			4.5	730		730	170				170
120527	SOQCHIB 5 7				7	3.5			3.5	160		160	65				65
120528	SOQCHIB 5 <2				<2	3.0			3.0	100		100	50				50
120529	SOQCHIB 5 7				7	2.0			2.0	170		170	83				83
120530	SOQCHIB 5 3				3	1.5			1.5	66		66	65				65
120531	SOQCHIB 5 10				10	2.0			2.0	120		120	54				54
120532	SOQCHIB 5 5				5	1.5			1.5	53		53	57				57
120533	SOQCHIB 5 8				8	1.5			1.5	44		44	54				54
120534	SOQCHIB 5 10				10	1.5			1.5	64		64	43				43
120535	SOQCHIB 5 7				7	1.5			1.5	38		38	59				59
120536	SOQCHIB 5 8				8	1.5			1.5	27		27	67				67
120537	SOQCHIB 5 5				5	1.5			1.5	42		42	38				38
120538	SOQCHIB 5 7				7	2.0			2.0	9		9	77				77
120539	SOQCHIB 5 8				8	2.0			2.0	37		37	96				96
120540	SOQCHIB 5 7				7	2.0			2.0	15		15	63				63
120541	SOQCHIB 5 8				8	2.0			2.0	9		9	74				74
120542	SOQCHIB 5 3				3	1.5			1.5	23		23	40				40

Date: 03/05/2000

Les résultats des échantillons ci-dessus sont certifiés

par: Nicolas Poirier
Nicolas Poirier, B.Sc.
Chimiste, 97-054



003

SOQUEM CHIBOU

TECHNI-LAB ABITIBI

03/05 '00 09:00 FAX 819 787 6527

CERTIFICAT D'ANALYSE



Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de reception : 17-04-00
Projet : 1119
Certificat : 17670

Responsable : Monsieur Pierre Folco
Téléphone : (418) 748-7841 Fax : (418) 748-7370

ÉCHANTILLON	CODIFICATION	Au				Ag				Cu				Zn			
		Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
#	#	ppb	Pulpe	Rejet	ppb	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm
120543	SOQCHIB 5 <2	0	0	0	<2	1.5	0,0	0,0	1.5	18	0	0	18	50	0	0	50
120544	SOQCHIB 5 3	0	0	0	3	2.0	0,0	0,0	2.0	130	0	0	130	76	0	0	76
120545	SOQCHIB 5 12	0	0	0	12	2.0	0,0	0,0	2.0	150	0	0	150	55	0	0	55
120546	SOQCHIB 5 15	0	0	0	15	2.0	0,0	0,0	2.0	88	0	0	88	46	0	0	46
120547	SOQCHIB 5 <2	0	0	0	<2	1.6	0,0	0,0	1.6	38	0	0	38	27	0	0	27
120548	SOQCHIB 5 3	0	0	0	3	1.5	0,0	0,0	1.5	36	0	0	36	37	0	0	37
120549	SOQCHIB 5 7	0	0	0	7	2.0	0,0	0,0	2.0	35	0	0	35	78	0	0	78
120550	SOQCHIB 5 7	0	0	0	7	<0.1	0,0	0,0	<0.1	6	0	0	6	18	0	0	18
120551	SOQCHIB 5 10	0	0	0	10	2.0	0,0	0,0	2.0	8	0	0	8	88	0	0	88
120552	SOQCHIB 5 <2	0	0	0	<2	2.0	0,0	0,0	2.0	8	0	0	8	100	0	0	100
120553	SOQCHIB 5 22	0	0	0	22	1.5	0,0	0,0	1.5	10	0	0	10	61	0	0	61
120554	SOQCHIB 5 10	0	0	0	10	1.0	0,0	0,0	1.0	7	0	0	7	46	0	0	46
120555	SOQCHIB 5 3	0	0	0	3	2.0	0,0	0,0	2.0	8	0	0	8	79	0	0	79
120556	SOQCHIB 5 <2	0	0	0	<2	2.0	0,0	0,0	2.0	16	0	0	16	66	0	0	66
120557	SOQCHIB 5 8	0	0	0	8	1.5	0,0	0,0	1.5	11	0	0	11	53	0	0	53
120558	SOQCHIB 5 5	0	0	0	5	1.5	0,0	0,0	1.5	23	0	0	23	27	0	0	27
120559	SOQCHIB 5 8	0	0	0	8	2.0	0,0	0,0	2.0	37	0	0	37	60	0	0	60
120560	SOQCHIB 5 10	0	0	0	10	2.0	0,0	0,0	2.0	91	0	0	91	48	0	0	48
120561	SOQCHIB 5 10	0	0	0	10	3.0	0,0	0,0	3.0	130	0	0	130	130	0	0	130
120562	SOQCHIB 5 632	730	870	776	8.5	8.5	2500	2500	8.5	2500	210	210	210	210	350	350	210
120563	SOQCHIB 5 8	0	0	0	8	3.0	0,0	0,0	3.0	120	0	0	120	350	0	0	350
120564	SOQCHIB 5 5	0	0	0	5	2.5	0,0	0,0	2.5	47	0	0	47	200	0	0	200
120565	SOQCHIB 5 155	0	0	0	155	4.0	510	510	4.0	510	240	240	240	240	0	0	240
120566	SOQCHIB 5 20	0	0	0	20	1.5	36	36	1.5	36	53	53	53	53	0	0	53
120567	SOQCHIB 5 7	0	0	0	7	1.5	6	6	1.5	6	66	66	66	66	0	0	66

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: Nicolas Poirier
Nicolas Poirier, B.Sc.
Chimiste, 97-054



03/05 '00 09:00 FAX 819 787 6527

TECHNI-LAB ABITIBI

SOQUEM CHIBOU

CERTIFICAT D'ANALYSE



TECHNI-LAB

S.G.B. Abitibi inc.

Pyroanalyse, Géochimie, Environnement

Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de reception : 17-04-00

Projet : 1119

Certificat : 17670

Responsable : Monsieur Pierre Folco

Téléphone : (418) 748-7641

Fax : (418) 748-7370

ÉCHANTILLON	CODIFICATION	Au			Ag			Cu			Zn		
		Original	Pulpe	Rejet	Original	Pulpe	Rejet	Original	Pulpe	Rejet	Original	Pulpe	Rejet
#	#	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
120568	SOQCHIB 5 25	0	0	0	25	2.5	2.5	49	0	0	0	49	130
120569	SOQCHIB 5 17	0	0	0	17	2.0	2.0	79	0	0	0	79	140
120570	SOQCHIB 5 12	0	0	0	12	2.0	2.0	8	0	0	0	8	130
120571	SOQCHIB 5 15	0	0	0	15	1.5	1.5	43	0	0	0	43	56
120572	SOQCHIB 5 10	0	0	0	10	2.0	2.0	20	0	0	0	20	120
120573	SOQCHIB 5 10	0	0	0	10	1.5	1.5	120	0	0	0	120	55
120574	SOQCHIB 5 12	0	0	0	12	2.0	2.0	17	0	0	0	17	65
120575	SOQCHIB 5 17	0	0	0	17	2.0	2.0	71	0	0	0	71	65
120576	SOQCHIB 5 8	0	0	0	8	2.0	2.0	90	0	0	0	90	57
120577	SOQCHIB 5 12	0	0	0	12	2.5	2.5	23	0	0	0	23	64
120578	SOQCHIB 5 12	0	0	0	12	2.0	2.0	8	0	0	0	8	55
120579	SOQCHIB 5 13	0	0	0	13	1.5	1.5	40	0	0	0	40	31
120580	SOQCHIB 5 12	0	0	0	12	2.5	2.5	13	0	0	0	13	57
120581	SOQCHIB 5 13	0	0	0	13	2.0	2.0	26	0	0	0	26	35
120582	SOQCHIB 5 17	0	0	0	17	2.0	2.0	130	0	0	0	130	43
120583	SOQCHIB 5 13	0	0	0	13	2.0	2.0	27	0	0	0	27	38
120584	SOQCHIB 5 13	0	0	0	13	2.0	2.0	6	0	0	0	6	35
120585	SOQCHIB 5 7	0	0	0	7	2.5	2.5	16	0	0	0	16	45
120586	SOQCHIB 5 13	0	0	0	13	2.5	2.5	14	0	0	0	14	46
120587	SOQCHIB 5 12	0	0	0	12	2.5	2.5	18	0	0	0	18	35
120588	SOQCHIB 5 7	0	0	0	7	2.0	2.0	20	0	0	0	20	31
120589	SOQCHIB 5 3	0	0	0	3	2.0	2.0	24	0	0	0	24	20
120590	SOQCHIB 5 25	0	0	0	25	2.0	2.0	270	0	0	0	270	18
120591	SOQCHIB 5 3	0	0	0	3	1.5	1.5	78	0	0	0	78	43
120592	SOQCHIB 5 72	0	0	0	72	2.0	2.0	300	0	0	0	300	60

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par:

Nicolas Poirier

Nicolas Poirier, B.Sc.
Chimiste, 97-054



CERTIFICAT D'ANALYSE



TECHNI-LAB

S.G.B. Abitibi inc.

Pyroanalyse, Géochimie, Environnement

Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de réception : 17-04-00

Projet : 1119

Certificat : 17670

Responsable : Monsieur Pierre Folco

Téléphone : (418) 748-7841

Fax : (418) 748-7370

ÉCHANTILLON #	CODIFICATION #	Au	Au	Au	Au	Ag	Ag	Ag	Ag	Cu	Cu	Cu	Cu	Zn	Zn	Zn	Zn
		Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
		ppb	Pulpe	Rejet	ppb	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm	ppm	ppm	Rejet	ppm
		0	0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0	0	0
120593	SOQCHIB 5 7				7	2.0			2.0	37			37	35			35
120594	SOQCHIB 5 10				10	2.0			2.0	7			7	47			47
120595	SOQCHIB 5 5				5	2.0			2.0	7			7	55			55
120596	SOQCHIB 5 8				8	1.5			1.5	6			6	41			41
120597	SOQCHIB 5 5				5	1.5			1.5	7			7	28			28
120598	SOQCHIB 5 3				3	2.0			2.0	20			20	42			42
120599	SOQCHIB 5 5				5	1.5			1.5	40			40	38			38
120600	SOQCHIB 5 5				5	<0.1			<0.1	6			6	18			18
120601	SOQCHIB 5 23				23	2.5			2.5	210			210	54			54
120602	SOQCHIB 5 8				8	1.5			1.5	14			14	60			60
120603	SOQCHIB 5 7				7	1.0			1.0	8			8	32			32
120604	SOQCHIB 5 5				5	<0.1			<0.1	9			9	20			20
120605	SOQCHIB 5 13				13	1.5			1.5	130			130	40			40
120606	SOQCHIB 5 8				8	1.5			1.5	31			31	21			21
120607	SOQCHIB 5 15				15	1.5			1.5	480			480	28			28
120608	SOQCHIB 5 3				3	2.0			2.0	110			110	57			57
120609	SOQCHIB 5 12				12	1.5			1.5	150			150	43			43
120610	SOQCHIB 5 5				5	1.0			1.0	170			170	50			50
120611	SOQCHIB 5 7				7	1.5			1.5	22			22	43			43
120612	SOQCHIB 5 8				8	2.0			2.0	240			240	66			66
120613	SOQCHIB 5 3				3	2.0			2.0	62			62	74			74
120614	SOQCHIB 5 3				3	1.5			1.5	5			5	51			51
120615	SOQCHIB 5 3				3	2.0			2.0	5			5	75			75
120616	SOQCHIB 5 7				7	2.5			2.5	400			400	54			54
120617	SOQCHIB 5 <2				<2	1.5			1.5	31			31	53			53

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: *Nicolas Poltier*

Nicolas Poltier, B.Sc.
Chimiste, 97-054



006

SOQUEM CHIBOU

TECHNI-LAB ABITIBI

03/05 '00 08:01 FAX 819 787 6527

CERTIFICAT D'ANALYSE



TECHNI-LAB
S.G.B. Abitibi inc.
Pyroanalyse, Géochimie, Environnement

Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de reception : 17-04-00
Projet : 1119
Certificat : 17670

Responsable : Monsieur Pierre Folco
Téléphone : (418) 748-7641 Fax : (418) 748-7370

ÉCHANTILLON #	CODIFICATION #	Au	Au	Au	Au	Ag	Ag	Ag	Ag	Cu	Cu	Cu	Cu	Zn	Zn	Zn	Zn
		Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
		ppb	Pulpe	Rejet	ppb	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm
		0	0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0	0	0
120618	SOQCHIB 5 52				52	<0.1			<0.1	17			17	18			18
120619	SOQCHIB 5 <2				<2	2.0			2.0	13			13	66			66
120620	SOQCHIB 5 3				3	1.5			1.5	25			25	49			49
120621	SOQCHIB 5 <2				<2	1.0			1.0	29			29	33			33
120622	SOQCHIB 5 <2				<2	1.5			1.5	190			190	56			56
120623	SOQCHIB 5 <2				<2	1.0			1.0	6			6	53			53
120624	SOQCHIB 5 7				7	<0.1			<0.1	18			18	28			28
120625	SOQCHIB 5 <2				<2	<0.1			<0.1	9			9	18			18
120626	SOQCHIB 5 <2				<2	<0.1			<0.1	6			6	19			19
120737	SOQCHIB 5 5				5	1.5			1.5	28			28	69			69
120738	SOQCHIB 5 10				10	2.5			2.5	160			160	100			100
120739	SOQCHIB 5 3				3	2.0			2.0	10			10	86			86
120740	SOQCHIB 5 <2				<2	1.0			1.0	20			20	77			77
120741	SOQCHIB 5 3				3	1.0			1.0	6			6	33			33
120742	SOQCHIB 5 <2				<2	1.0			1.0	21			21	47			47
120743	SOQCHIB 5 5				5	<0.1			<0.1	9			9	29			29
120744	SOQCHIB 5 3				3	1.0			1.0	99			99	27			27
120745	SOQCHIB 5 7				7	1.0			1.0	41			41	39			39
120746	SOQCHIB 5 3				3	<0.1			<0.1	16			16	40			40
120747	SOQCHIB 5 3				3	2.5			2.5	62			62	170			170
120748	SOQCHIB 5 7				7	2.0			2.0	61			61	150			150
120749	SOQCHIB 5 <2				<2	1.0			1.0	68			68	61			61
120750	SOQCHIB 5 <2				<2	<0.1			<0.1	5			5	16			16
120751	SOQCHIB 5 <2				<2	1.5			1.5	13			13	36			36
120752	SOQCHIB 5 <2				<2	1.5			1.5	3			3	42			42

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: Nicolas Poirier
Nicolas Poirier, B.Sc.
Chimiste, 97-054



007 SOQUEM CHIBOU

TECHNI-LAB ABITIBI

03/05 '00 09:01 FAX 819 787 6527

CERTIFICAT D'ANALYSE



TECHNI-LAB

S.G.B. Abitibi inc.

Pyroanalyse, Géochimie, Environnement

Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de reception : 17-04-00
Projet : 1119
Certificat : 17870

Responsable : Monsieur Pierre Folco
Téléphone : (418) 748-7641 Fax : (418) 748-7370

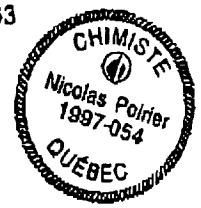
ÉCHANTILLON CODIFICATION		Au	Au	Au	Au	Ag	Ag	Ag	Ag	Cu	Cu	Cu	Cu	Zn	Zn	Zn	Zn
#	#	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
		ppb	Pulpe	Rejet	ppb	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm
		0	0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0	0	0
120753	SOQCHIB 5 <2				<2	1.5			1.5	12			12	55			55
120754	SOQCHIB 5 <2				<2	2.5			2.5	8			8	53			53
120755	SOQCHIB 5 <2				<2	2.5			2.5	7			7	65			65
120756	SOQCHIB 5 <2				<2	2.5			2.5	220			220	52			52
120757	SOQCHIB 5 3				3	2.5			2.5	95			95	42			42
120758	SOQCHIB 5 27				27	1.5			1.5	25			25	31			31
120759	SOQCHIB 5 8				8	1.5			1.5	20			20	41			41
120760	SOQCHIB 5 5				5	2.0			2.0	6			6	39			39
120761	SOQCHIB 5 15				15	2.5			2.5	13			13	33			33
120762	SOQCHIB 5 13				13	1.5			1.5	3			3	19			19
120763	SOQCHIB 5 17				17	2.0			2.0	10			10	44			44
120764	SOQCHIB 5 13				13	1.5			1.5	5			5	54			54
120765	SOQCHIB 5 15				15	2.5			2.5	5			5	53			53
120766	SOQCHIB 5 10				10	2.0			2.0	12			12	51			51
120767	SOQCHIB 5 17				17	1.5			1.5	4			4	89			89
120768	SOQCHIB 5 <2				<2	1.0			1.0	8			8	33			33
120769	SOQCHIB 5 5				5	1.0			1.0	13			13	37			37
120770	SOQCHIB 5 5				5	1.5			1.5	53			53	35			35
120771	SOQCHIB 5 8				8	1.0			1.0	6			6	61			61
120772	SOQCHIB 5 8				8	1.0			1.0	11			11	130			130
120773	SOQCHIB 5 10				10	<0.1			<0.1	6			6	21			21
120774	SOQCHIB 5 7				7	1.5			1.5	17			17	39			39
120775	SOQCHIB 5 7				7	1.5			1.5	4			4	43			43
120776	SOQCHIB 5 12				12	2.5			2.5	81			81	110			110
120777	SOQCHIB 5 12				12	2.0			2.0	54			54	63			63

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: Nicolas Poirier

Nicolas Poirier, B.Sc.
Chimiste, 97-054



03/05 '00 09:01 FAX 819 787 6527

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R TECHNI-LAB ABITIBI

CERTIFICAT D'ANALYSE



TECHNI-LAB

S.G.B. Abitibi inc.

Pyroanalyse, Géochimie, Environnement

Client : SOQUEM INC.
462, 3 rue Bureau 16
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G8P 1N7

Date de réception : 17-04-00

Projet : 1119

Certificat : 17670

Responsable : Monsieur Pierre Folco

Téléphone : (418) 748-7641

Fax : (418) 748-7370

ÉCHANTILLON	CODIFICATION	Au			Ag				Cu			Zn					
		Original	Reprise	Reprise	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Original	Reprise	Reprise			
#	#	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0	0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0	0	0
120778	SOQCHIB 5 12				12	2.5			2.5	120			120	79			79
120779	SOQCHIB 5 13				13	1.5			1.5	8			8	100			100
120780	SOQCHIB 5 7				7	1.0			1.0	6			6	73			73
120781	SOQCHIB 5 5				5	1.0			1.0	15			15	56			56
120782	SOQCHIB 5 8				8	<0.1			<0.1	11			11	43			43
120783	SOQCHIB 5 5				5	1.5			1.5	8			8	86			86
120784	SOQCHIB 5 8				8	2.0			2.0	38			38	150			150
120785	SOQCHIB 5 3				3	2.0			2.0	53			53	130			130
120786	SOQCHIB 5 22				22	3.0			3.0	160			160	180			180
120787	SOQCHIB 5 8				8	1.5			1.5	9			9	110			110
120788	SOQCHIB 5 12				12	2.5			2.5	150			150	160			160
120789	SOQCHIB 5 13				13	2.5			2.5	95			95	140			140
120790	SOQCHIB 5 10				10	3.0			3.0	240			240	110			110
120791	SOQCHIB 5 8				8	2.5			2.5	54			54	98			98
120792	SOQCHIB 5 5				5	3.0			3.0	45			45	140			140
120793	SOQCHIB 5 3				3	2.5			2.5	3			3	57			57
120794	SOQCHIB 5 8				8	2.0			2.0	4			4	75			75
120795	SOQCHIB 5 12				12	2.5			2.5	3			3	130			130
120796	SOQCHIB 5 10				10	2.0			2.0	3			3	83			83
120797	SOQCHIB 5 5				5	3.0			3.0	35			35	86			86
120798	SOQCHIB 5 22				22	2.5			2.5	7			7	100			100
120799	SOQCHIB 5 17				17	3.0			3.0	14			14	71			71
120800	SOQCHIB 5 17				17	<0.1			<0.1	2			2	19			19
120801	SOQCHIB 5 18				18	2.5			2.5	5			5	83			83
120802	SOQCHIB 5 25				25	3.0			3.0	510			510	72			72

Date: 03/05/2000

Les résultats des échantillons ci-dessus sont certifiés

par: *Nicolas Poirier*

Nicolas Poirier, B.Sc.
Chimiste, 97-054



009

SOQUEM CHIBOU

TECHNI-LAB ABITIBI

03/05 '00 09:01 FAX 819 787 6527

CERTIFICAT D'ANALYSE



Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

Date de réception : 17-04-00
Projet : 1119
Certificat : 17670

Responsable : Monsieur Pierre Folco
Téléphone : (418) 748-7641 Fax : (418) 748-7370

ÉCHANTILLON	CODIFICATION	Au				Ag				Cu				Zn			
		Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
#	#	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
120803	SOQCHIB 5 23	0	0	0	23	0,0	0,0	0,0	2,0	0	0	0	4	0	0	0	56
120804	SOQCHIB 5 15				15				2,0				5				62
120805	SOQCHIB 5 15				15				2,0			8				90	90
120806	SOQCHIB 5 15				15				2,0			6				80	80
120807	SOQCHIB 5 18				18				2,0			46				120	120
120808	SOQCHIB 5 17				17				2,0			58				64	64
120809	SOQCHIB 5 23				23				2,5			130				120	120
120810	SOQCHIB 5 18				18				2,0			24				110	110
120811	SOQCHIB 5 23				23				2,0			86				53	53
120812	SOQCHIB 5 20				20				2,0			27				78	78
120813	SOQCHIB 5 33				33				2,0			160				65	65
120814	SOQCHIB 5 28				28				2,0			110				68	68
120815	SOQCHIB 5 23				23				1,5			37				71	71
120816	SOQCHIB 5 57				57				4,0			680				210	210
120817	SOQCHIB 5 18				18				2,0			52				91	91
120818	SOQCHIB 5 20				20				2,0			16				50	50
120819	SOQCHIB 5 13				13				1,5			22				44	44
120820	SOQCHIB 5 18				18				2,0			14				150	150
120821	SOQCHIB 5 22				22				2,0			68				91	91
120822	SOQCHIB 5 13				13				2,0			48				93	93
120823	SOQCHIB 5 25				25				1,5			76				61	61
120824	SOQCHIB 5 17				17				2,5			70				78	78
120825	SOQCHIB 5 13				13				2,0			12				54	54
120826	SOQCHIB 5 8				8				1,0			5				54	54
120827	SOQCHIB 5 8				8				1,5			5				97	97

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: Nicolas Poirier
Nicolas Poirier, B.Sc.
Chimiste, 97-054



03/05 '00 08:02 FAX 819 787 6527

+ SOQUEM CHIBOU

TECHNI-LAB ABITIBI

CERTIFICAT D'ANALYSE



Client : SOQUEM INC.
462, 3 rue Bureau 16
CHIBOUGAMAU, QUÉBEC
G8P 1N7

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ÉCHANTILLON #	CODIFICATION #	Au	Au	Au	Au	Ag	Ag	Ag	Ag	Cu	Cu	Cu	Cu	Zn	Zn	Zn	Zn
		Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
		ppb	Pulpe	Rejet	ppb	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm	ppm	Pulpe	Rejet	ppm
		0	0	0	0	0,0	0,0	0,0	0,0	0	0	0	0	0	0	0	0
120828	SOQCHIB 5 82				82	1.0			1.0	32			32	70			70
120829	SOQCHIB 5 25				25	1.5			1.5	55			55	59			59
120830	SOQCHIB 5 22				22	1.5			1.5	79			79	73			73
120851	SOQCHIB 5 17				17	1.0			1.0	20			20	79			79
120852	SOQCHIB 5 13				13	1.0			1.0	15			15	100			100
120853	SOQCHIB 5 12				12	1.0			1.0	12			12	71			71
120854	SOQCHIB 5 15				15	1.0			1.0	11			11	96			96
120855	SOQCHIB 5 17				17	<0.1			<0.1	28			28	31			31
120856	SOQCHIB 5 15				15	<0.1			<0.1	10			10	91			91
120857	SOQCHIB 5 18				18	<0.1			<0.1	86			86	140			140
120858	SOQCHIB 5 17				17	1.0			1.0	10			10	78			78
120859	SOQCHIB 5 22				22	1.0			1.0	40			40	130			130
120860	SOQCHIB 5 18				18	1.0			1.0	26			26	97			97
120861	SOQCHIB 5 18				18	<0.1			<0.1	31			31	66			66
120882	SOQCHIB 5 12				12	1.5			1.5	26			26	170			170
120475-D	SOQCHIB 5 15					2.5				15				460			
120497-D	SOQCHIB 5 <2																
120499-D	SOQCHIB 5					2.5				8				35			
120514-D	SOQCHIB 5					2.5				19				20			
120518-D	SOQCHIB 5 <2																
120534-D	SOQCHIB 5					1.5				61				41			
120539-D	SOQCHIB 5 10																
120556-D	SOQCHIB 5					1.5				15				85			
120559-D	SOQCHIB 5 8																

Les résultats des échantillons ci-dessus sont certifiés

Date: 03/05/2000

par: *Nicolas Poirier*
Nicolas Poirier, B.Sc.
Chimiste, 97-054



03/05 '00 09:02 FAX 819 787 6527

TECHNI-LAB ABITIBI

+ SOQUEM CHIBOU

011

CERTIFICAT D'ANALYSE



TECHNI-LAB

S.G.B. Abitibi Inc.

Pyroanalyse, Géochimie, Environnement

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ÉCHANTILLON	CODIFICATION	Au				Ag				Cu				Zn			
		Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne	Original	Reprise	Reprise	Moyenne
#	#	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
120578-D	SOQCHIB 5				2.5					9				56			
120580-D	SOQCHIB 5 13																
120597-D	SOQCHIB 5				1.5					7				27			
120601-D	SOQCHIB 5 23																
120614-D	SOQCHIB 5 3																
120620-D	SOQCHIB 5				1.5					26				48			
120745-D	SOQCHIB 5 7																
120751-D	SOQCHIB 5				1.0					12				35			
120766-D	SOQCHIB 5 10																
120773-D	SOQCHIB 5				<0.1					7				23			
120787-D	SOQCHIB 5 8																
120795-D	SOQCHIB 5				3.0					4				120			
120811-D	SOQCHIB 5 20																
120817-D	SOQCHIB 5				2.0					50				90			
120824-D	SOQCHIB 5 18																
120851-D	SOQCHIB 5				1.0					22				75			
120880-D	SOQCHIB 5 18																
STD Au g/t		883															
STD Au g/t		785															
STD Au g/t		742															
STD Au g/t		933															
STD Au g/t		830															
STD Au g/t		740															
STD Au g/t		828															
STD Au g/t		775															

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Date: 03/05/2000

par:

Nicolas Poirier, B.Sc.
Chimiste, 97-054

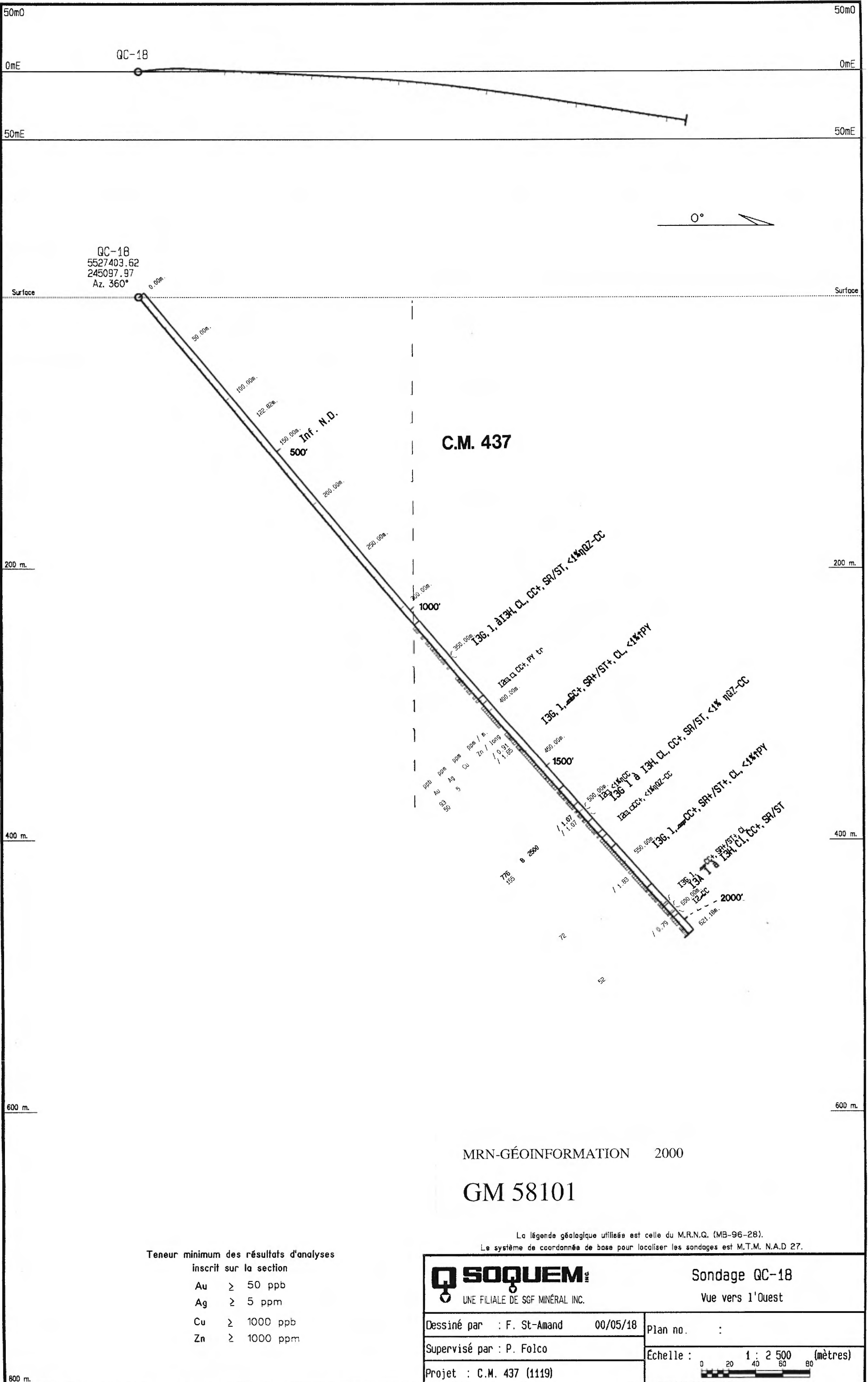


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SOQUEM CHIBOU

TECHNI-LAB ABITIBI

03/05 '00 09:02 FAX 819 787 6527



QC-18
5527403.62
245097.97
Az. 360°

C.M. 437

136, 1. à 134, Cl. CC+, SR+/ST, <1% NiZ-CC
12a Cl. CC+, PY tr
136, 1. CC+, SR+/ST+, Cl. <1% PPY
136, 1. à 134, Cl. CC+, SR+/ST, <1% NiZ-CC
12a Cl. CC+, <1% NiZ-CC
136, 1. CC+, SR+/ST+, Cl. <1% PPY
136, 1. à 134, Cl. CC+, SR+/ST, Cl. <1% NiZ-CC

ppm	ppm	ppm	ppm / m	ppm / long
Au	Ag	Cu	Zn	
50	5		0.91	1.35

MRN-GÉOINFORMATION 2000

GM 58101

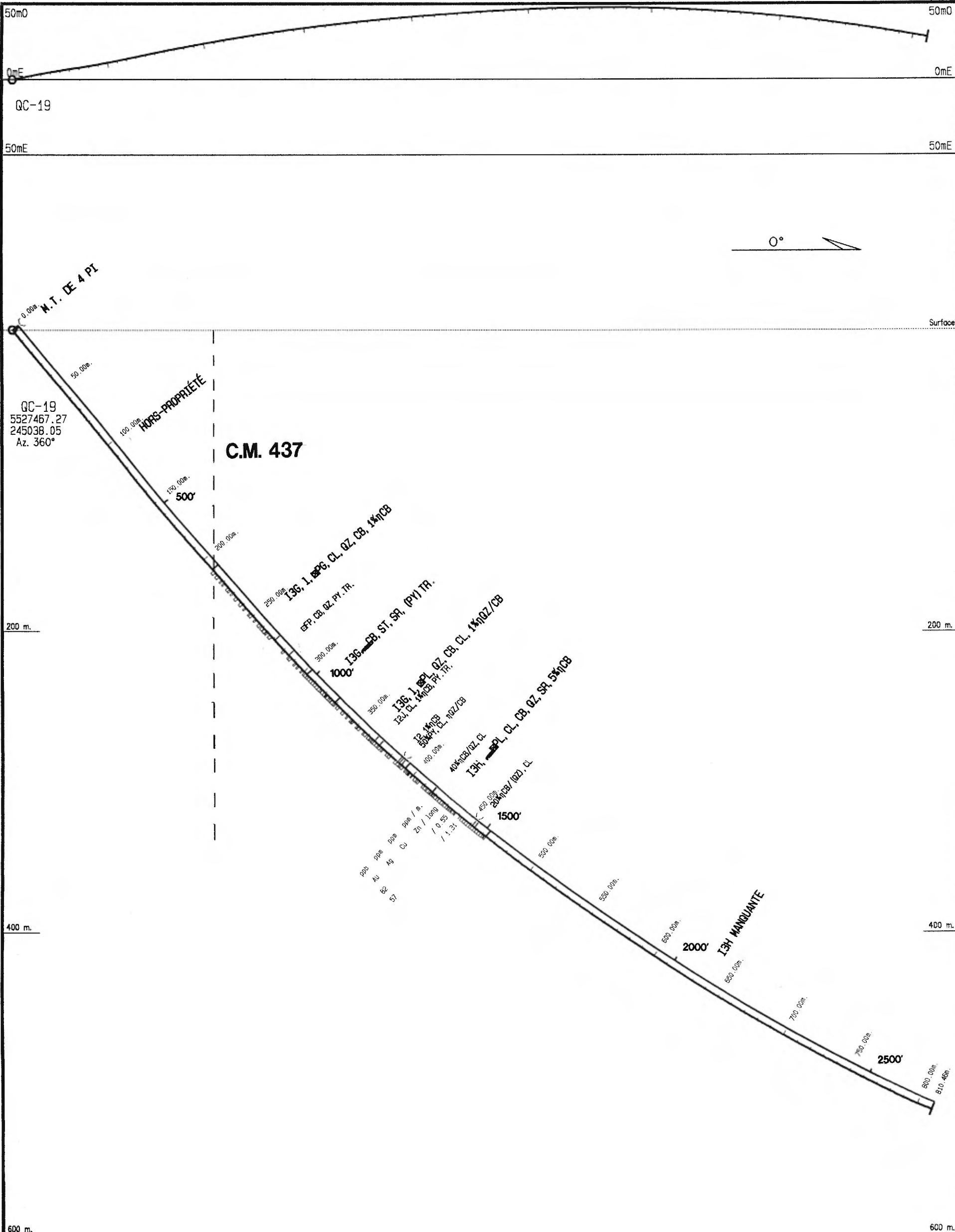
La légende géologique utilisée est celle du M.R.N.Q. (MB-96-28).
Le système de coordonnées de base pour localiser les sondages est M.T.M. N.A.D 27.

Teneur minimum des résultats d'analyses inscrit sur la section

Au	≥ 50 ppb
Ag	≥ 5 ppm
Cu	≥ 1000 ppb
Zn	≥ 1000 ppm

		Sondage QC-18 Vue vers l'Ouest	
Dessiné par : F. St-Amand 00/05/18		Plan no. :	
Supervisé par : P. Folco		Echelle : 1 : 2 500 (mètres)	
Projet : C.M. 437 (1119)			

FIGURE 4



MRN-GÉOINFORMATION 2000


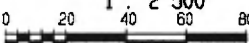
GM 58101

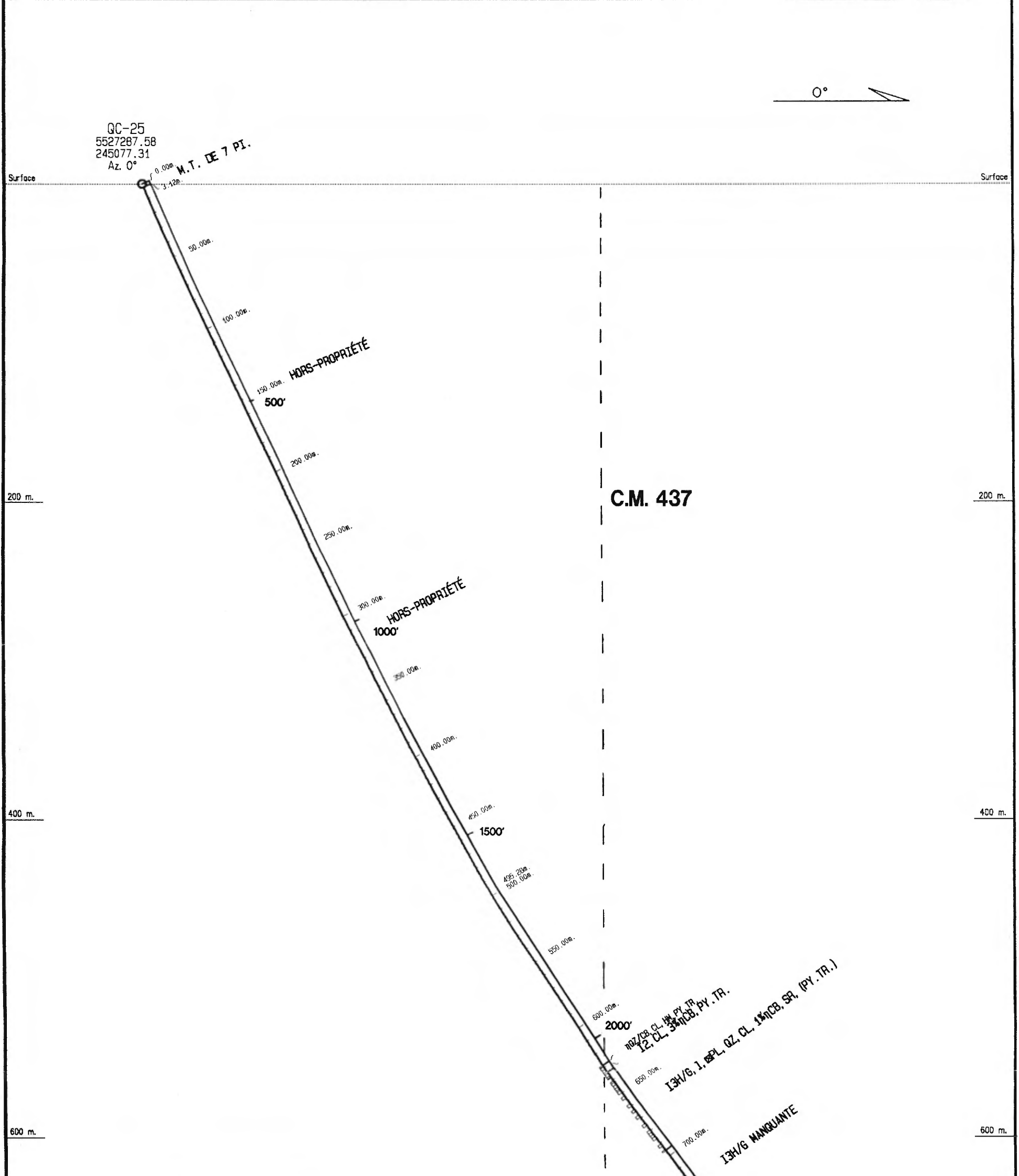
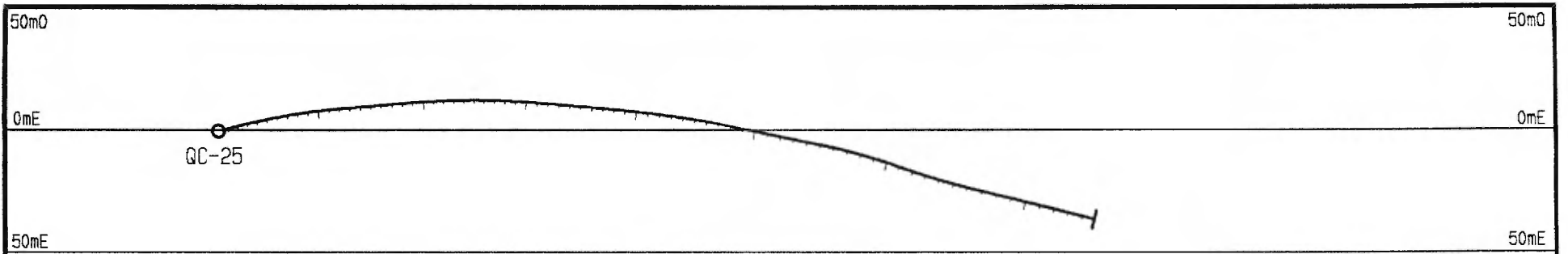
La légende géologique utilisée est celle du M.R.N.G. (MB-96-28).

Le système de coordonnées de base pour localiser les sondages est M.T.M. N.A.D 27.

Teneur minimum des résultats d'analyses inscrit sur la section

- Au ≥ 50 ppb
- Ag ≥ 5 ppm
- Cu ≥ 1000 ppb
- Zn ≥ 1000 ppm

		Sondage QC-19 Vue vers l'Ouest	
Dessiné par : F. St-Amand 00/05/18		Plan no. :	
Supervisé par : P. Folco		Échelle : 1 : 2 500 (mètres)	
Projet : C.M. 437 (1119)			



MRN-GÉOINFORMATION 2000

GM 58101

Teneur minimum des résultats d'analyses

inscrit sur la section

- Au ≥ 50 ppb
- Ag ≥ 5 ppm
- Cu ≥ 1000 ppb
- Zn ≥ 1000 ppm

La légende géologique utilisée est celle du M.R.N.Q. (MB-96-28).
Le système de coordonnées de base pour localiser les sondages est M.T.M. N.A.D 27.


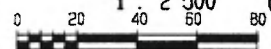
 SOQUEM UNE FILIALE DE SGF MINÉRAL INC.		Sondage QC-25	
		Vue vers l'Ouest	
Dessiné par : F. St-Amand 00/05/18		Plan no. :	
Supervisé par : P. Folco		Échelle : 1 : 2 500 (mètres)	
Projet : C.M. 437 (1119)			

FIGURE 6