GM 67545

RAPPORT FINAL DES TRAVAUX DE FORAGE AU DIAMANT SUR LES GITES AURIFERES LINGO 3 OUEST, FLEUR DE LYS ET MOMAN, PROJET AQUILON

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TERRITOIRE DE LA BAIE-JAMES, QUEBEC

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RAPPORT FINAL DES TRAVAUX DE FORAGES AU DIAMANT SUR LES GÎTES AURIFERE LINGO 3 OUEST, FLEUR DE LYS & MÔMAN 2010

Préparé pour

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INTRODUCTION

Ce rapport fait état du programme de forages au diamant réalisés par Ressources Sirios Inc. sur les indices aurifères Lingo 3 Ouest, Fleur de Lys et Môman au cours de l'automne 2010 sur la propriété Aquilon. Les forages, totalisant 1 926 mètres répartis entre 35 sondages verticaux de calibre NQ, ont été implantés sur une maille rapprochée et à des profondeurs verticales variant de 15 à 129 m.

Le gîte Lingo 3 Ouest a été découvert à l'automne 1999 lors des travaux de prospection et de cartographie dans le secteur du Corridor aurifère du Loup. Cet indice est situé au sud du lac Lingo et est constitué de deux veines de quartz d'environ 30 cm d'épaisseur encaissées dans des métafelsites. Ces veines contiennent des quantités spectaculaires d'or visible ayant titrées jusqu'à 211 g/T Au. Les échantillons récoltés en 1999 et les plus fortement minéralisés n'ont pas été soumis au laboratoire pour fins d'analyses.

Treize sondages au diamant sont implantés en 2002 dans le secteur immédiat du gîte aurifère Lingo 3 Ouest. Les résultats de forages avaient alors indiqué des teneurs variant de 2.86 g/T Au sur 1.00 m à 77.81 g/T Au sur 1.00 m dans dix des sondages. Au printemps 2008, Golden Tag Resources Ltd réalise un premier programme de forage au diamant totalisant 1 073.90 mètres répartis entre 47 sondages verticaux de calibre NQ. Cette première phase de travaux avaient alors permis d'identifier cinq zones aurifères à haute teneur dont l'extension latérale varie de 4 à 6 m. Les veines aurifères ont une faible plongée (30°) en direction N-NE et sont bordées d'un corridor d'environ 6 m plus faiblement minéralisée. Vingt-trois intersections aurifères supérieures à 2 g/T Au ont été obtenues dans 18 sondages, incluant une valeur exceptionnelle de 3 230.89 g/T Au sur 0.80 m dans le trou AQ-08-06. Une seconde phase totalisant 1 012.77 mètres répartis entre 47 sondages est alors entreprise au cours du mois de mars 2009. Les forages ont été implantés sur une maille variant de 2 à 4 m et à des profondeurs verticales variant de 3 à 58 m. Ces travaux ont rapportés 40 intersections aurifères supérieures à 2 g/T Au permettant de définir avec précision l'extension latérale et dans le sens du plongement du gîtes Lingo 3 Ouest sur une distance horizontale d'environ 100 m en direction N-NE et jusqu'à une profondeur de 44 m.

Le gîte aurifère Fleur de Lys a également été découvert lors des travaux de prospection et de cartographie entrepris à l'automne 1999. Cet indice est situé dans la partie orientale du Corridor aurifère du Loup à environ 100 m de la route d'accès vers LA-1. Quatre échantillons choisis prélevés sur la veine avait alors

titré les valeurs aurifères suivantes : 85.44 g/T, 16.70 g/T, 10.25 g/T et 3.19 g/T et des valeurs argentifères variant de 10.9 à 13.1 g/T. Des travaux de décapages mécaniques et d'échantillonnage en rainures sont réalisés l'année suivante et des valeurs de 110.18 g/T Au sur 3.49 m, 15.18 g/T Au sur 3.78 m et 6.65 g/T Au sur 2.34 m sont obtenues. Une série de trois courts sondages verticaux totalisant 108 m est implanté sur l'indice Fleur de Lys au cours durant la même année. Les résultats les plus significatifs sont de 11.97 g/T Au sur 0.40 m dans le trou 1295-00-11; et de 10.48 g/T Au sur 0.85 m et 27.87 g/T Au sur 1.00 m dans le trou 1295-00-12. La minéralisation aurifère est encaissée dans une veine de quartz encaissée aux contacts de l'unité felsique du lac d'Aiguillon, d'un horizon de roche mafique et de l'unité sédimentaire Fleur de Lys. Les unités lithologiques ainsi que la veine aurifère forment de grands plis couchés isoclinaux dont les axes s'orientent parallèlement à la linéation d'étirement. La veine de quartz est fortement déformée et forme plusieurs lentilles d'épaisseur métrique à plurimétrique situées dans la charnière du pli.

L'indice aurifère Môman est situé à 275 m au NE de l'indice Fleur de Lys et a été découvert en 2000 lors des travaux de prospection et d'échantillonnage en rainures. Des échantillons choisis recueillis sur la veine ont rapporté des valeurs de 1 477 g/T Au et 287.43 g/T Au sur 2.30 m en rainure incluant 494.51 g/T Au sur 1.25 m. La veine occupe l'unité felsique du lac d'Aiguillon et est située à proximité d'un horizon de basalte en contact avec l'unité sédimentaire Fleur de Lys. La veine est fortement plissée, aplatie et forme un pli couché sub-parallèle à la schistosité principale. Le plan axial du pli est orienté parallèlement à la linéation d'étirement présentant un plongement de 30°-35° vers le N-NE. Aucun forage au diamant n'avait été réalisé sur l'indice Môman avant 2010.

LOCALISATION & ACCES

La propriété Aquilon est située sur le territoire de la Baie James au Québec. Elle est accessible en toute saison via la route reliant Matagami à la route Transtaïga (544 km), puis de celle-ci à la jonction menant aux installations d'Hydro-Québec à Laforge 1 (LA-1) (395 km). La propriété est située à 20 km au nord de la dernière jonction, à mi-chemin de la centrale hydroélectrique LA-1 (fig. 1). Le terrain est ondulé et caractérisé par de nombreux lacs et marécages. Les marécages sont séparés par des bandes étroites de terrain avec une forêt clairsemée d'épinettes noires.

Fig. 1 Localisation du Projet

TITRES MINIERS

La propriété Aquilon est constituée de 104 claims désignés sur carte formant un bloc contigu totalisant 5 260.93 (52.61 km^2) hectares dans les feuillets topographiques SNRC 33I01 et 33I02 (Fig. 2). La liste complète des titres miniers est présentée à l'annexe I du présent rapport. La vérification du statut des titres miniers a été effectuée sur le système de gestion des titres miniers, GESTIM, du Ministères des Ressources Naturelles et de la Faune disponible à l'adresse suivante : *https://gestim.mines.gouv.qc.ca/*. La date des prochains renouvellements est fixée au 28 septembre 2013.

Suite à une entente entre SOQUEM Inc. et Ressources Sirios Inc. en 2003, Golden Tag Resources Ltd a acquis une participation de 40% dans la propriété Aquilon en contrepartie de dépenses engagées dans des travaux totalisant $750 000 sur une période de trois ans. La première tranche de 750 000 $ en travaux d'exploration a été réalisée et Golden Tag Resources Ltd a annoncé, par communiqué de presse le 21 août 2008, son intention d'exécuter des travaux d'exploration additionnel afin d'obtenir une participation additionnelle de 20% sur la propriété Aquilon. La propriété est actuellement détenue par Ressources Sirios Inc. (40%), Golden Tag Resources Ltd (40%) et SOQUEM Inc. (20%).

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GEOLOGIE REGIONALE

La section suivante est largement tirée du rapport de *Gauthier, 2003*. La propriété Aquilon est située à l'extrémité nord est de la ceinture de roches vertes de La Grande, laquelle fait partie de la sous-province de La Grande appartenant à la province archéenne du lac Supérieur (figure 3).

On retrouve cinq grandes unités lithostratigraphiques dans les sous-provinces de La Grande et d'Opinaca au sud: 1) un socle de gneiss tonalitique, 2) une séquence de plate-forme arénitique à filons-couches et lopolites ultramafiques, 3) des plaines de basaltes à épanchements de laves komatiitiques et à niveaux de volcanites felsiques, 4) une séquence de turbidites avec des conglomérats polymictes, des formations de fer et des volcanites felsiques à la base et 5) un cortège d'intrusions de tonalite et de granodiorite-granite qui recoupe toutes ces roches. Les trois premières unités se retrouvent essentiellement dans la sous-province de la Grande tandis que la quatrième unité lithostratigraphique se présente dans les deux sous-provinces et prédomine dans celle d'Opinaca.

Deux phases de déformation régionale sont reconnues: 1) la première phase serait associée à une imbrication et charriage de la séquence supracrustale et du socle vers le sud-est. Des plis isoclinaux NE-SO à E-O déversés vers le sud-est ou le sud y sont associés, 2) la deuxième phase de déformation est surtout identifiée le long de grands couloirs de déformation E-O.

Le métamorphisme régional varie d'une région à l'autre des schistes verts supérieurs au faciès amphibolite et localement à celui des granulites.

Deux des huit petits complexes felsiques de la sous-province de La Grande, sont localisés à l'extrémité nord-est de la ceinture de La Grande : les sillons volcano-sédimentaires de Laforge et d'Aquilon. Ces deux sillons constitueraient deux étroits antiformes déversés vers le sud et ayant une plongée faible vers le NNO. Une signature fortement magnétique caractérise les ultramafites, formations de fer et greywackes associés qui constituent en bonne partie ces sillons. On y trouve de plus, des métasédiments des métavolcanites mafiques et felsiques et d'innombrables dykes et filons-couches de gabbro, diorite quartzifère, diorite, granite et pegmatite qui recoupent ces volcanites.

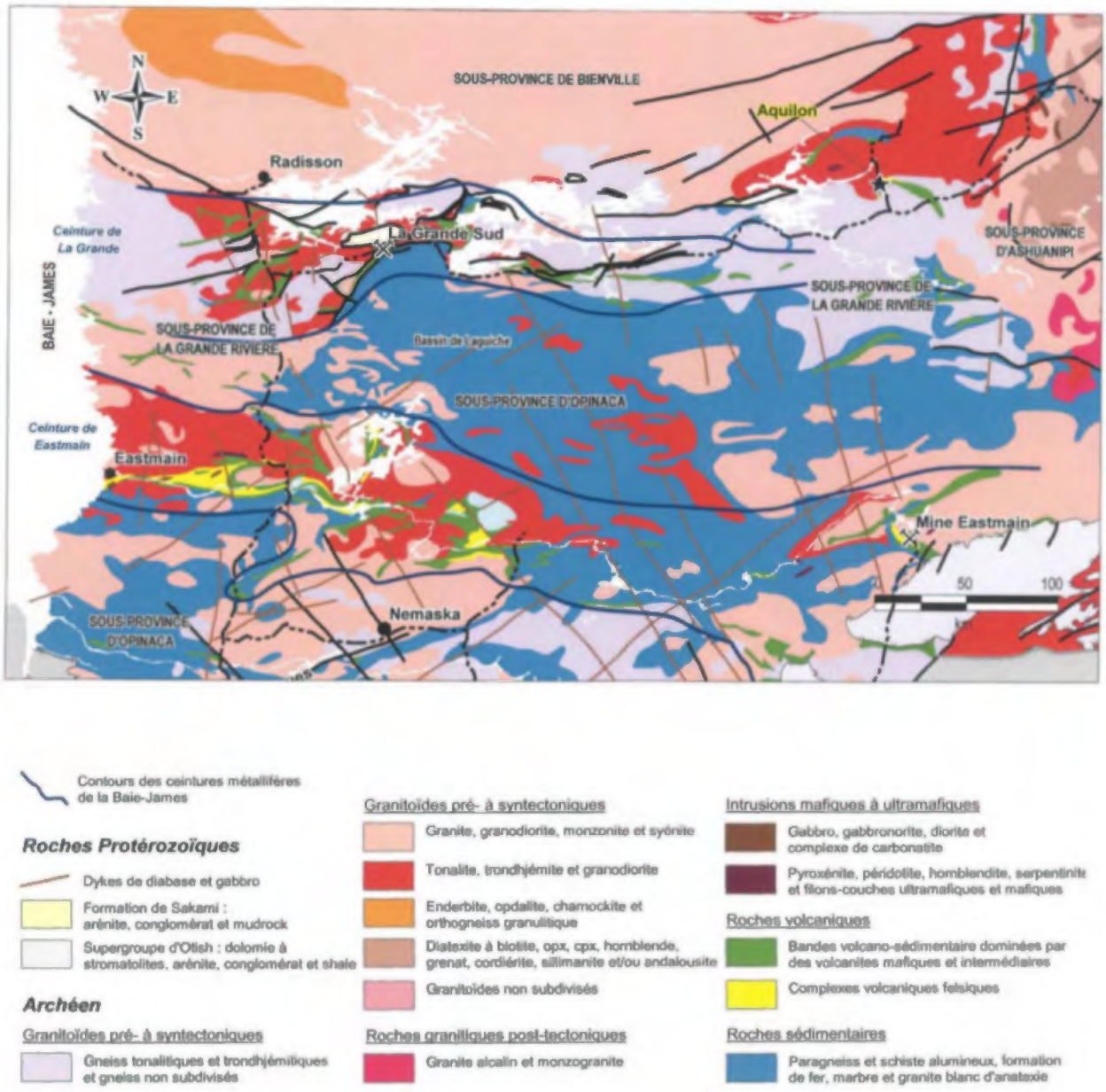

Figure 3 Géologie régionale

(Tiré de *Lapointe, 2006*)

GEOLOGIE DE LA PROPRIETE

Les observations suivantes sont largement tirées de *Gauthier (2003)*.

La propriété Aquilon se situe dans la partie ouest de la bande d'Aquilon qui est caractérisée par un pli régional décrit par *Sharma (1979)* comme un étroit antiforme déversé vers le sud. La plongée du pli régional est de 20° à 40° vers le nord nord-ouest. La propriété est centrée sur une séquence volcanique bimodale dont le cœur est occupé par un complexe felsique calco-alcalin (*Desbiens, 1998* et *Quirion, 2000*). En périphérie du complexe felsique, on retrouve des komatiites, des basaltes magnésiens et des basaltes-andésites d'affinité tholéiitique à transitionnelle. Des grauwackes à biotite et des formations de fer oxydées et silicatées y sont associés. Selon *Desbiens (1998)*, le levé magnétique héliporté suggère que ce domaine à dominance felsique forme un bloc structural distinct limité au sud par un linéament magnétique (discontinuité) NE-SO. Ce bloc structural apparaît s'accoler contre une séquence volcanique ultramafique à mafique s'arquant en bordure d'un pluton granitique (*Desbiens, 1998*). Cet auteur rappelle que ce contexte structural s'apparente à celui de LG-3 ou des métafelsites du 3e cycle reposent en discordance sur la séquence volcanique du 2e cycle.

Les roches du sillon d'Aquilon seraient métamorphisées au faciès des amphibolites inférieur à moyen et localement rétrogradées au faciès des schistes verts (*Sharma, 1979*; *Desbiens, 1998* et *Lapointe, 2000*). Selon *Lapointe (2000)* toutes les roches felsiques de la propriété sont complètement recristallisées. Dans la plupart des cas les roches felsiques ont une texture granoblastique, mais souvent une foliation est bien définie par l'orientation préférentielle des micas et dans des cas extrêmes, les cristaux de quartz et de feldspaths sont déformés et allongés. De plus, on remarque en bien des endroits au sein des volcanites felsiques une texture mylonitique.

Le complexe volcanique felsique, hôte du Corridor aurifère du Loup, a été la cible de la majorité des travaux d'exploration réalisés jusqu'à maintenant sur la propriété. Plusieurs indices aurifères ont été répertoriés. Les felsites incluent des dacites, des rhyodacites, des tufs et des intrusions de tonalites synvolcaniques. Ces unités montrent fréquemment une texture porphyrique avec de nombreux phénocristaux de quartz ±feldspath préservés. Les roches felsiques sont recoupées par un réseau de dykes

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de gabbro très bien développé. Ces dykes sont pour la plupart empreints de la déformation régionale et se trouvent parfois transposés de façon remarquable. D'après *Quirion (2001)*, les gabbros sont comagmatiques avec les basaltes tholéiitiques environnants. Des dykes de diorites, diorite quartzifère et de lamprophyres font aussi parti du cortège des intrusions qui recoupent les volcanites. Une intrusion péridotitique et quelques dykes de même composition sont présents dans le coin NO de la propriété.

MINERALISATION

Indices aurifères dans le secteur du lac Lingo

Le secteur du lac Lingo est l'hôte de six indices aurifères : soient les indices Lingo 1 et 2, Lingo 3 Ouest, Lingo 3 Est, Lingo 3 Sud et Muscovite (Fig. 5).

L'indice Lingo 1 est situé à 275 m E-NE du Lac Lingo. Cet indice est constitué de veinules de quartz centimétriques, faiblement minéralisées en pyrite avec trace de chalcopyrite, associées à des métafelsites biotitisées moyennement à fortement foliées (*Desbiens, 1998b*). La foliation est orientée à N240°-270° avec un pendage variant de 35°-40° vers le nord. Un échantillon choisi a titré 24.3 g/T Au. A environ 200 m à l'ouest, on retrouve l'indice Lingo 2. Cet indice présente les mêmes caractéristiques que le premier. On note toutefois une densité plus faible des veinules de quartz, la présence de magnétite et une biotitisation légèrement plus développée. Un échantillon choisi a révélé une valeur de 11.4 g/T Au.

Le gîte Lingo 3 Ouest a été découvert à l'automne 1999 par SOQUEM et Sirios Inc. lors des travaux de prospection et de cartographie dans le secteur du Corridor aurifère du Loup. Cet indice est situé au sud du lac Lingo. Le gîte est constitué de deux veines de quartz d'environ 30 cm d'épaisseur séparées par une éponte de 30 cm (*Quirion, 2000b*). Les veines sont encaissées dans une unité de métafelsites dont la foliation est orientée O-SO et dont les pendages varient de 20° à 30° (*Lapointe, 2006*). La linéation d'étirement est orientée N-NE avec un plongement variant de 20° à 30° CA. Ces veines contiennent des quantités spectaculaires d'or visible ayant titrées jusqu'à 211 g/T Au. Notons que les échantillons les plus fortement minéralisés récoltés en 1999 n'ont pas été soumis au laboratoire pour fins d'analyses.

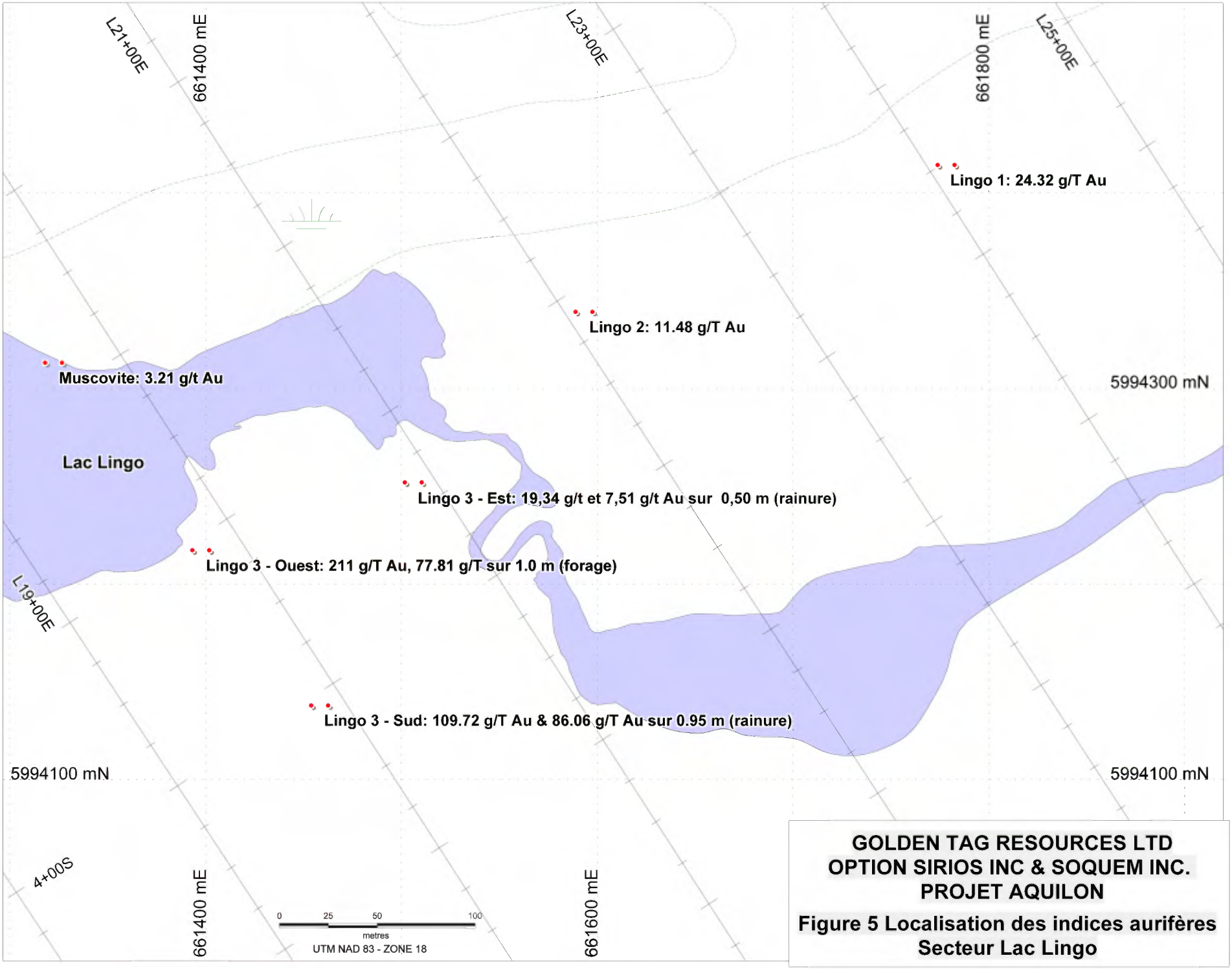

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Figure 5 Localisation des indices aurifères
Secteur Lac Lingo

Les épontes des veines sont affectées par une altération propylitique (muscovite-séricite-épidote-quartz-carbonate) associées à de faibles concentrations en sulfures (pyrite-pyrrhotite ±chalcopyrite ±sphalérite ±galène). La veine est bordée d'un creux topographique et n'a pu être décapée sur plus de 10 m. Son extension latérale vers l'ouest est estimée à environ 175 m considérant la présence de deux indices sur la rive sud du lac. Le premier indice, situé à environ 50 m du gîte Lingo 3 Ouest, a rapporté 10.97 g/T Au. L'épaisseur de la veine minéralisée est indéterminée. Une valeur de 5.95 g/T Au a été obtenue sur une veine de 75 cm d'épaisseur située plus à l'ouest.

La veine Lingo 3 Est, est située à environ 100 m à l'est du gîte Lingo 3 Ouest. Cette veine de quartz et de calcite présentant une épaisseur d'environ 50 cm est encaissée dans une petite intrusion felsique appelée la Tonalite de Lingo. Elle est orientée E-O. La linéation d'étirement plonge vers le NE avec un pendage de 25° à 30° CA. Les épontes de la veine montrent une altération en muscovite et pyrite accompagnées de biotite, d'épidote et de calcite. La veine a rapportée jusqu'à 19,34 g/t (échantillon choisis) au et 7,51 g/t Au / 0,5 m en rainure (*Quirion, 2000a*). La veine a été décapée et est continue sur environ 30 m.

L'indice Lingo 3 Sud se situe à 90 m au sud de la veine Lingo 3 Ouest et se compose d'une série de veines de quartz d'épaisseur variable (5-50 cm). Ces veines ont titré 109.72 g/T Au et 86.06 g/T Au sur 0.95 m (*Quirion, 2000b & 2002*) et sont encaissées dans un faciès fragmentaire de rhyodacite porphyrique (*Lapointe, 2006*).

L'indice Muscovite est situé à 100 m au nord du gîte Lingo 3 Ouest sur la rive nord du lac Lingo. La veine aurifère est orientée à N295° et est encaissée dans une métafelsite fortement séricitisée. Cette veine a titré 3.21 g/t Au et pourrait être la continuité vers le nord de la veine Lingo 3 Est (*Quirion, 2000*). Une série de forages est réalisé en 2000 dans le secteur du lac Lingo. Cinq des 6 forages intersectent la veine Muscovite indiquant une continuité latérale d'environ 300 m. La veine est cependant très étroite et les épontes sont très peu minéralisées. La meilleure intersection a titré 1,02 g/T Au sur 3,30 m incluant 8,60 g/T Au / 0,30 m (sondage 1295-00-05) (*Quirion, 2000*).

Quinze sondages au diamant sont entrepris en 2002 afin de tester latéralement et en profondeur les veines Lingo 3 Ouest (1295-02-01 à 1295-02-13) et Lingo 3 Sud (1295-02-14 & 1295-02-15). Les résultats de forages indiquent des valeurs variant de 2.86 g/T Au sur 1.00 m à 77.81 g/T Au sur 1.00 m dans dix sondages (Tableau 1). La veine Lingo 3 Ouest est très riche en or (> 50g/t Au) et forme un crayon orienté

selon la linéation d'étirement (*Gauthier, 2003*). L'extension latérale de ce crayon est d'environ 3.5 m et approximativement 10 m dans le sens de la plongée. Cette zone fortement minéralisée est contenue dans une enveloppe de moins de 5 m d'épaisseur, sur une largeur de 15 m et allongée sur près de 60 m, dont les valeurs varient de 0.5 à 50 g/t Au. Cette enveloppe s'individualise en deux lentilles étroites orientées dans le sens de la plongée. Les sondages effectués sur l'indice Lingo 3 Sud n'ont pas permis de répéter les valeurs obtenus en surface.

Le tableau suivant présente une liste des résultats les plus significatifs obtenus durant les travaux de forages de 2002.

Tableau 1 Résultats significatif (>2.0 g/T Au)
Programme de forages au diamant 2002 – Secteur Lingo 3 Ouest

No Sondage	De (m)	A (m)	Longueur (m)	Teneur (g/T Au)
1295-02-09	16.25	17.25	1.00	2.86
1295-02-05	6.00	7.00	1.00	3.60
1295-02-06	9.50	14.10	4.60	3.86
1295-02-11	14.00	14.75	0.75	3.91
1295-02-13	22.75	24.25	1.50	4.23
1295-02-09	14.00	15.00	1.00	4.28
1295-02-12	3.00	4.50	1.50	6.89
1295-02-04	3.50	5.50	2.00	13.16
1295-02-03	2.60	3.60	1.00	71.21
1295-02-08	5.30	6.30	1.00	77.81

Gîte aurifère Fleur de Lys

Le gîte aurifère Fleur de Lys a été mis à jour lors des travaux de prospection et de cartographie dans le secteur du Corridor aurifère du Loup entrepris par SOQUEM et Sirios Inc.à l'automne 1999. Cet indice est situé dans la partie orientale du Corridor aurifère du Loup à environ 100 m de la route d'accès vers LA-1. Quatre échantillons choisis prélevés sur la veine avait alors titré les valeurs aurifères suivantes : 85.44 g/T, 16.70 g/T, 10.25 g/T et 3.19 g/T et des valeurs argentifères variant de 10.9 à 13.1 g/T (*Quirion, 2000a*). Des travaux de décapages mécaniques et d'échantillonnage en rainures sont réalisés l'année suivante et des valeurs de 110.18 g/T Au sur 3.49 m, 15.18 g/T Au sur 3.78 m et 6.65 g/T Au sur 2.34 m sont obtenues (*Quirion, 2000b*). Une série de trois courts sondages verticaux (1295-00-11 à 1295-00-13)

totalisant 108 m est implanté sur l'indice Fleur de Lys au cours du mois d'août 2000. Les résultats les plus significatifs sont de 11.97 g/T Au sur 0.40 m dans le trou 1295-00-11; et de 10.48 g/T Au sur 0.85 m et 27.87 g/T Au sur 1.00 m dans le trou 1295-00-12.

La minéralisation aurifère est encaissée dans une veine de quartz encaissée aux contacts de l'unité felsique du lac d'Aiguillon, d'un horizon de roche mafique et de l'unité sédimentaire Fleur de Lys. Les unités lithologiques ainsi que la veine aurifère forment de grands plis couchés isoclinaux dont les axes s'orientent parallèlement à la linéation d'étirement montrant un plongement de 35° vers le N-NE (*Lapointe, 2006*). La veine de quartz est fortement déformée et forme plusieurs lentilles d'épaisseur métrique à plurimétrique situées dans la charnière du pli. La minéralisation se présente sous forme de traces d'or visible accompagné de tellurures, de sphalérite, de chalcopyrite, de pyrite et de galène. Les épontes de la veine sont affectées par une séricitisation de l'unité felsique du lac d'Aiguillon et une biotitisation de l'unité mafique. *Lapointe (2006)* note également une altération signification en biotite, séricite et épidote de l'unité sédimentaire Fleur de Lys et une pyritisation des épontes en bordure de la veine.

Gîte aurifère Môman

Les travaux de prospection et d'échantillonnage en rainures réalisés en 2000 mènent à la découverte de l'indice Môman situé à 275 m au NE de l'indice Fleur de Lys. Des échantillons choisis recueillis sur la veine ont rapporté des valeurs de 1 477 g/T Au, 1438.8 g/T Au, 38.47 g/T Au et 17.66 g/T Au ainsi que 287.43 g/T Au sur 2.30 m en rainure incluant 494.51 g/T Au sur 1.25 m (*Quirion, 2000b*). Des valeurs de 17.66 g/T Au et 8.71 g/T Au sur 0.30 m en rainures sont également rapportées sur les épontes de la veine. Les travaux de décapages mécaniques et de cartographie réalisés en 2001 permettent de suivre la veine sur une quinzaine de mètres vers le nord (*Quirion, 2002*).

La veine occupe principalement l'unité felsique du lac d'Aiguillon et est située à proximité d'un horizon de basalte en contact avec l'unité sédimentaire Fleur de Lys. L'ensemble est recoupé par des dykes dioritiques tardifs et de pegmatite. *Lapointe (2006)* note la présence de dykes felsiques à phénocristaux de quartz. La veine est fortement plissée, aplatie et forme un pli couché sub-parallèle à la schistosité principale orientée O-SO avec pendages de 30°-40° vers le nord (*Lapointe, 2006*). Le plan axial du pli est orienté parallèlement à la linéation d'étirement présentant un plongement de 30°-35° vers le N-NE. On

remarque également un épaississement de la veine de quartz dans la zone de charnière et un amincissement sur les flancs. La minéralisation se présente sous forme de traces d'or visible accompagnés de pyrite, de tellurures et de sphalérite. Les épontes de la veine sont très schisteuse et présente une surface d'altération d'aspect rouillée résultant d'une intense séricitisation et d'une légère pyritisation.

TRAVAUX EXPLORATION

a) Programme de forages au diamant réalisé en 2008

Au printemps 2008, Golden Tag Resources Ltd entreprends une première phase de forages au diamant sur la propriété Aquilon afin de tester à faible profondeur (4 à 60 m) et sur une maille relativement étroite (10 m) les extensions latérales et dans le sens de la plongée de la minéralisation aurifère du gîte Lingo 3 Ouest. Ces travaux ont totalisé 1 073.90 mètres répartis entre 47 sondages verticaux de calibre NQ.

Les travaux de forages au diamant permettaient alors d'identifier cinq zones aurifères à haute teneur dont l'extension latérale varie de 4 à 6 m. Rappelons que la minéralisation est associée à des veines de quartz ±carbonate, à grain grossier, déformées, centimétriques à pluridécimétriques, faiblement minéralisées en sulfures et localement très riche en or visible. Les veines aurifères ont une faible plongée (30°) en direction N-NE. Ces veines sont associées à des cisaillements affectant les métafelsites, et localement des horizons, pluricentimétriques à décimétriques, de tuf intermédiaire ou de greywacke bien laminé. Les zones aurifères à haute teneur se situe en bordure d'un corridor plus faiblement minéralisé dont les teneurs varient de 3.15 g/T Au sur 0.28 m (AQ-08-13) à 13.16 g/T Au sur 2.00 m (1295-02-04). L'extension latérale moyenne de ce corridor était alors estimée à environ 6 m.

La première zone s'étends sur environ 20 m à partir de la veine Lingo 3 Ouest jusqu'à quelques mètres au N-NE du sondage 1295-02-08. La zone minéralisée est caractérisée par des valeurs aurifères très élevées variant de 11.54 g/T Au sur 2.05 m incluant 60.70 g/T Au sur 0.20 m, 17.05 g/T Au sur 0.23 m et 21.20 g/T Au sur 0.23 m dans le sondage AQ-08-01; à 77.81 g/T Au sur 1.00 m dans le sondage 1295-02-08. Une valeur exceptionnelle de 3 230.89 g/T (94.23 oz/T) Au sur 0.80 m incluant 12 906.50 g/T (376.44 oz/T) Au sur 0.20 m a été obtenue dans le sondage AQ-08-06. La minéralisation est associée à une veine de quartz de 12 cm d'épaisseur, à faible plongement (30°) et présentant 7 à 10% d'or visible sur 6 cm sous forme de fins points, de grains et d'amas atteignant jusqu'à 4 mm par 9 mm. Les épontes sont fortement silicifiées et la séricite forme de fines enveloppes orientées à 25°. L'éponte inférieure est microfracturée et légèrement bréchifiée. Cet échantillon a excédé la limite supérieure de détection lors de l'analyse par pyroanalyse avec tamisage métallique et la fraction grossière de l'échantillon a été détruite lors de l'analyse. La fraction fine a été ré-analysée par méthode de concentré au laboratoire d'ALS Chemex de

Vancouver. La valeur obtenue représente donc une valeur minimale du contenu en Au de l'échantillon.

La seconde zone aurifère a été intersectée dans les sondages AQ-08-10 à AQ-08-25 sur une distance minimale de 35 m. Cette zone plurimétrique est caractérisée par une bonne densité de veines de quartz aurifères. Sept intervalles ont retournées des valeurs aurifères supérieures à 1oz/T Au (34.29 g/T Au) sur des épaisseurs variant de 0.23 à 0.47 m. La meilleure intersection a titré 22.91 g/T Au sur 3.68 m dans le sondage AQ-08-25.

Deux zones aurifères ont été intersectées dans les sondages AQ-08-24 et AQ-08-27 situés à proximité de la veine Lingo 3 Ouest. Les moyennes pondérées des résultats indiquent des valeurs respectives de 90.60 g/T Au sur 0.25 m et 78.23 g/T Au sur 0.72 m incluant 325 g/T Au sur 0.21 m. La continuité latérale de ces zones minéralisées sont de l'ordre de 4 à 5 m. Le patron de forages ne permet actuellement pas de définir l'étendue des zones minéralisées dans le sens de la plongée.

La cinquième zone aurifère a été intersectée dans le sondage AQ-08-39. Les résultats d'analyse indiquent des teneurs de 24.50 g/T Au sur 0.30 m.

Le tableau suivant dresse une liste des 23 intersections aurifères supérieures à 2 g/ T Au obtenues dans 18 sondages durant la campagne de forages de 2008. L'épaisseur vraie des intersections est estimée à 87 à 94%.

Tableau 2 Résultats significatifs (>2.0 g/T Au)
Programme de forages au diamant 2008 – Indice Lingo 3 Ouest

No Sondage	De (m)	A (m)	Longueur (m)	Teneur (g/T Au)
AQ-08-01	**0.10**	**2.15**	**2.05**	**11.54**
Incluant	0.10	0.45	0.35	3.92
Incluant	0.45	0.65	0.20	60.70
Incluant	0.65	0.88	0.23	17.05
Incluant	0.88	1.11	0.23	21.20
Incluant	1.96	2.15	0.19	4.25
AQ-08-02	**3.78**	**4.30**	**0.52**	**2.59**
AQ-08-03	**7.05**	**7.37**	**0.32**	**5.97**
AQ-08-05	**8.45**	**8.75**	**0.30**	**3.84**
AQ-08-06	**7.90**	**8.70**	**0.80**	**3 230.89**
Incluant	7.90	8.20	0.30	2.13

Tableau 2 Résultats significatifs (>2.0 g/T Au)
Programme de forages au diamant 2008 – Indice Lingo 3 Ouest

No Sondage	De (m)	A (m)	Longueur (m)	Teneur (g/T Au)
Incluant	8.20	8.40	0.20	12 906.50
Incluant	8.40	8.70	0.30	9.24
AQ-08-07	**14.31**	**14.95**	**0.64**	**9.27**
AQ-08-09	**5.85**	**6.50**	**0.65**	**5.62**
AQ-08-10	**12.77**	**13.24**	**0.47**	**64.10**
AQ-08-12	**5.34**	**5.71**	**0.37**	**3.47**
AQ-08-12	**16.60**	**16.85**	**0.25**	**80.50**
AQ-08-12	**18.05**	**18.37**	**0.32**	**70.10**
AQ-08-12	**18.88**	**19.08**	**0.20**	**4.02**
AQ-08-13	**9.60**	**9.90**	**0.30**	**16.27**
AQ-08-13	**24.28**	**24.56**	**0.28**	**3.15**
AQ-08-14	**22.40**	**26.78**	**4.38**	**12.55**
Incluant	22.40	22.63	0.23	40.20
Incluant	22.63	23.31	0.68	2.86
Incluant	24.51	24.91	0.40	6.02
Incluant	26.48	26.78	0.30	**132.50**
AQ-08-20	**0.40**	**0.62**	**0.22**	**8.80**
AQ-08-20	**1.39**	**1.79**	**0.40**	**2.54**
AQ-08-24	**2.58**	**2.83**	**0.25**	**90.60**
AQ-08-25	**27.01**	**30.69**	**3.68**	**22.91**
Incluant	27.01	27.41	0.40	3.59
Incluant	27.94	28.48	0.54	3.86
Incluant	28.48	28.88	0.40	81.10
Incluant	28.88	29.08	0.20	14.20
Incluant	29.88	30.27	0.39	110.50
Incluant	30.27	30.69	0.42	4.06
AQ-08-27	**3.00**	**3.92**	**0.92**	**78.23**
Incluant	3.00	3.21	0.21	325.00
Incluant	3.21	3.46	0.25	2.38
Incluant	3.46	3.92	0.46	6.79
AQ-08-36	**10.70**	**11.25**	**0.55**	**5.05**
AQ-08-39	**6.24**	**6.54**	**0.30**	**24.50**
AQ-08-40	**5.59**	**5.92**	**0.33**	**4.40**

b) Programme de forages au diamant réalisé en 2009

Le programme de forages au diamant entrepris sur le gîte Lingo 3 Ouest par Golden Tag Resources Ltd au cours du mois de mars 2009 fait suite aux travaux amorcés en 2008 ayant permis d'identifier cinq zones aurifères à haute teneur. Les forages, totalisant 1 012.77 mètres répartis entre 47 sondages verticaux de calibre NQ, ont été implantés sur une maille variant de 2 à 4 m et à des profondeurs verticales variant de 3 à 58 m. Le plan de surface présentant les détails de localisation, les moyennes pondérées et la distribution des valeurs aurifères est fourni à la fin de ce rapport. Ces travaux ont permis de définir avec précision l'extension latérale et dans le sens du plongement de ces zones minéralisées sur une distance horizontale d'environ 100 m en direction N-NE et jusqu'à une profondeur de 44 m.

Une série de 9 forages peu profond ont été implantés dans la section sud de la veine Lingo 3 Ouest afin de tester systématiquement la veine de la surface jusqu'à une profondeur verticale de 6.28 m et sur une distance d'environ 20 m en direction N-NE. Ces forages indiquent que la zone aurifère à haute teneur possède une extension latérale de 2.5 à 3 m. Les valeurs aurifères obtenues sont comparables ou supérieures à celles obtenues en 2002 et 2008 soient : 27.60 g/T Au sur 0.68 m incluant 63.60 g/T Au sur 0.28 m dans le trou AQ-09-53; 24.90 g/T Au sur 0.27 m et 74.07 g/T Au sur 1.63 m incluant 162.50 g/T Au sur 0.70 m dans le trou AQ-09-63; 113.07 g/T Au sur 1.49 m incluant 70.70 g/T Au sur 0.46 m, 283.00 g/T Au sur 0.37 m et 102.50 g/T Au sur 0.30 m dans le trou AQ-09-69; et 22.79 g/T Au sur 1.49 m incluant 36.70 g/T Au sur 0.89 m dans le trou AQ-09-70.

Dix-sept forages rapprochés ont été implantés afin de définir l'extension et l'orientation de la minéralisation aurifère intersectée entre les trous AQ-08-10 et AQ-08-25, dans la partie nord de la veine Lingo 3 Ouest. Ces forages couvrent une distance horizontale de 63 m en direction N-NE et s'étendent latéralement sur environ 6 m. Deux zones aurifères à haute teneur, étroitement reliées et plongeant sur plusieurs mètres en direction N-NE ont été délimitées. Ces zones aurifères à haute teneur demeurent ouvertes latéralement et en direction du plongement.

La première zone minéralisée d'une largeur approximative de 4 m et s'étends sur près de 18 m entre les sondages AQ-08-10 et AQ-09-91. Des teneurs de 64.10 g/T Au sur 0.47 m dans le sondage AQ-08-10, et 80.50 g/T Au sur 0.25 m et 70.10 g/T Au sur 0.32 m dans le sondage AQ-08-12 ont été obtenues lors de la campagne de 2008. Le sondage AQ-09-91 situé à quelques 7 m au NE du sondage AQ-08-12 a retourné

33.20 g/T Au sur 0.38 m.

La seconde zone minéralisée s'étends sur environ 30 m entre les sondages AQ-08-14 et AQ-09-92. D'une extension latérale de 4 m, elle compte neuf intervalles ayant retourné des valeurs aurifères supérieures à 1oz/T (34.29 g/T Au) sur des épaisseurs variant de 0.26 à 0.81 m. Les meilleures intersections des sondages de 2009 ont retourné des valeurs de: 120.00 g/T Au sur 0.26 m dans le sondage AQ-09-67; 35.60 g/T Au sur 0.25 m dans le sondage AQ-09-75; 11.16 g/T sur 4.84 m incluant 45.60 g/T Au sur 0.38 m, 14.35 g/T Au sur 0.45 m et 43.40 g/T Au sur 0.41 m dans le trou AQ-09-88; et 57.33 g/T sur 0.45 m et 37.84 g/T Au sur 0.81 m dans le trou AQ-09-92 situé à l'extrémité nord de la zone minéralisée. Cette zone minéralisée reste ouverte latéralement et en direction du plongement.

Une série de 5 forages ont été implantés en périphérie du trou AQ-08-24 ayant retourné 90.60 g/T Au sur 0.25 m en 2008. Bien que les valeurs aurifères (2.72 g/T Au sur 0.27 m à 12.55 g/T Au sur 0.30 m) soient moins élevées, le forage AQ-09-64, situé à 5 m au N-NE du trou AQ-08-24, confirme toutefois une orientation N à N-NE de la zone minéralisée dont la largeur est estimée à 3 m. Considérant l'étroitesse de la zone aurifère et le patron de forage utilisé en 2008, on peut considérer que la zone aurifère demeure ouverte dans le sens de la plongée.

Finalement, le trou AQ-09-86 sur le lac Lingo a permis de prolonger cette zone aurifère sur une longueur d'environ 10 m en direction N-NE. Les résultats d'analyse de ce sondage indiquent une teneur de 7.67 g/T Au sur 0.30 m. La largeur de la zone minéralisée est estimée à 4 m et demeure ouverte en profondeur.

Cinq forages ont été implantés en périphérie du trou AQ-08-06 dans un rayon de 1.8-3.6 m afin d'intersecter les extensions de la minéralisation à très haute teneur aurifère obtenue en 2008. Bien que la veine Lingo 3 Ouest ait été intersectée dans quatre des sondages, les analyses n'ont révélé aucune valeur aurifère comparable à celle obtenue en 2008.

Les sondages AQ-09-48 à AQ-09-52 ont été implantés en périphérie du trou AQ-08-06 dans un rayon de 1.8-3.6 m afin d'intersecter les extensions de la minéralisation à très haute teneur aurifère obtenue en 2008. Bien que la veine Lingo 3 Ouest ait été intersectée dans chacun des sondages AQ-08-48 à AQ-08-51, les analyses n'ont révélé aucune valeur aurifère comparable à celle obtenue en 2008.

Les sondages AQ-09-76, AQ-09-79 et AQ-09-80 sont des trous jumeaux forés respectivement à quelques 10 cm des trous AQ-08-06, AQ-08-05 et AQ-08-07 afin de répéter les valeurs aurifères obtenues. Une valeur de 4.11 g/T Au sur 0.26 m a été obtenue dans le sondage AQ-09-76 ce qui diffère totalement des très hautes valeurs aurifères obtenues dans le sondage AQ-08-06 en 2008. Le sondage AQ-09-79 a révélé une teneur aurifère égale à 39 g/T Au sur 0.30 m qui est nettement supérieure à celle de 3.84 g/T Au sur 0.30 m obtenu dans le sondage AQ-08-05 en 2008. La profondeur du trou AQ-09-80 s'est avérée insuffisante et n'a pas permis d'intersecter la veine aurifère recoupée dans le sondage AQ-08-07. Ces résultats confirment que la minéralisation aurifère sur le gîte Lingo 3 Ouest présente une distribution hétérogène et erratique.

Le tableau suivant présente une liste exhaustive des intersections aurifères supérieures à 2 g/ T Au obtenues au cours de la campagne de forages de 2009.

Tableau 4 Résultats significatifs (>2.0 g/T Au)
Programme de forages au diamant 2009 – Indice Lingo 3 Ouest
L'épaisseur vraie des intersections est estimée à 87 à 94%

No Sondage	De (m)	A (m)	Longueur (m)	Teneur (g/T Au)
AQ-09-52	8.08	8.78	0.70	5.59
AQ-09-53	**0.00**	**0.68**	**0.68**	**27.60**
Incluant	0.00	0.28	0.28	63.60
AQ-09-55	**0.00**	**0.30**	**0.30**	**50.30**
AQ-09-60	**22.91**	**23.51**	**0.60**	**10.37**
AQ-09-61	23.34	24.05	0.71	2.33
AQ-09-63	**1.11**	**1.38**	**0.27**	**24.90**
AQ-09-63	**1.91**	**3.54**	**1.63**	**74.07**
Incluant	1.91	2.61	0.70	162.50
Incluant	2.61	3.54	0.93	7.51
AQ-09-64	1.13	1.40	0.27	2.72
AQ-09-64	**1.75**	**2.05**	**0.30**	**12.55**
AQ-09-64	4.36	4.66	0.30	5.26
AQ-09-67	**25.93**	**26.19**	**0.26**	**120.00**
AQ-09-67	**26.72**	**27.43**	**0.71**	**25.18**
AQ-09-67	27.97	28.63	0.66	5.17
AQ-09-67	29.33	29.86	0.53	2.08
AQ-09-68	25.81	26.23	0.42	5.71
AQ-09-68	28.93	30.38	1.45	4.58
Incluant	30.02	30.38	0.36	10.95
AQ-09-69	**3.38**	**4.87**	**1.49**	**113.07**
Incluant	3.38	3.84	0.46	70.70

Tableau 4 Résultats significatifs (>2.0 g/T Au)
Programme de forages au diamant 2009 – Indice Lingo 3 Ouest
L'épaisseur vraie des intersections est estimée à 87 à 94%

No Sondage	De (m)	A (m)	Longueur (m)	Teneur (g/T Au)
Incluant	4.20	4.57	0.37	283.00
Incluant	4.57	4.87	0.30	102.50
AQ-09-70	**5.39**	**6.88**	**1.49**	**22.79**
Incluant	5.39	6.28	0.89	36.70
AQ-09-70	8.47	8.78	0.31	2.94
AQ-09-72	**26.10**	**26.29**	**0.19**	**99.70**
AQ-09-75	**27.23**	**27.48**	**0.25**	**35.60**
AQ-09-75	30.20	30.45	0.25	9.38
AQ-09-75	30.95	31.68	0.73	3.64
AQ-09-75	32.98	33.78	0.80	2.62
AQ-09-76	8.26	8.52	0.26	4.11
AQ-09-77	8.67	9.35	0.68	5.47
AQ-09-79	8.48	8.81	0.33	3.37
AQ-09-79	**9.91**	**10.21**	**0.30**	**39.00**
AQ-09-81	30.75	31.25	0.50	5.19
AQ-09-86	6.06	6.36	0.30	7.67
AQ-09-88	**27.71**	**32.55**	**4.84**	**11.16**
Incluant	27.71	28.09	0.38	45.60
Incluant	28.09	28.91	0.82	5.29
Incluant	29.44	29.89	0.45	14.35
Incluant	31.67	32.14	0.47	8.74
Incluant	32.14	32.55	0.41	43.40
AQ-09-90	21.22	21.85	0.63	2.78
AQ-09-91	**18.66**	**19.04**	**0.38**	**33.20**
AQ-09-91	22.35	23.08	0.73	4.28
AQ-09-92	**29.45**	**30.26**	**0.81**	**37.84**
Incluant	29.45	29.81	0.36	13.15
Incluant	29.81	30.26	0.45	57.60
AQ-09-92	**31.29**	**31.74**	**0.45**	**57.33**
Incluant	31.29	31.53	0.24	50.70
Incluant	31.53	31.74	0.21	64.90
AQ-09-92	32.29	32.95	0.66	2.74
AQ-09-93	33.59	34.95	1.36	3.82
AQ-09-94	**39.34**	**40.81**	**1.47**	**10.92**
Incluant	39.34	39.54	0.20	7.85
Incluant	40.41	40.81	0.40	35.30
AQ-09-94	43.05	43.50	0.45	4.50

c) Programme de forages au diamant réalisé en 2010

Un programme de forages au diamant a été réalisé sur les gîtes Lingo 3 Ouest, Fleur de Lys et Môman au cours des mois d'octobre à décembre 2010 afin de définir la géométrie et de délimiter les extensions latérales et dans le sens de la plongée des minéralisations aurifères. Les travaux de forages ont été confiés à Forage G4 de Val d'Or. Le programme a été supervisé par l'auteur du présent rapport avec l'assistance de M. Philip Moar. Les forages, totalisant 1 926 mètres répartis entre 35 sondages verticaux de calibre NQ, ont été implantés sur une maille rapprochée et à des profondeurs verticales variant de 15 à 129 m. Compte tenu de la profondeur relativement faible de la plupart des trous de forages, aucun test de déviation n'a été réalisé. Les trous AQ-10-95 à AQ-10-104 ainsi que le trou MO-10-01 ont fait l'objet d'un positionnement GPS en mode différentiel réalisé par la firme GEODEFOR le 17 novembre 2010. Les journaux de sondages et les certificats d'analyses se retrouvent respectivement aux annexes II et III du présent rapport. Les plans de surface présentant les détails de localisation et les moyennes pondérées pour des intervalles supérieurs à 5 g/T Au, de même que les sections verticales des trous sont fournis à la fin de ce rapport. Le tableau suivant présente les spécifications techniques de chacun des sondages.

Tableau 3 Spécifications techniques des sondages verticaux (calibre NQ) propriété Aquilon

No Sondage	Titre Minier	Coordonnées UTM NAD 83			Long. (m)	Échantillonnage		
		ESTANT (mE)	NORDANT (mN)	Elév. (m)		Nb Échan.	Long. Totale (m)	% Échantillonné
AQ-10-95	CDC 3923	661457.70	5994413.60	435.13	111.00	31	24.04	21.66%
AQ-10-96	CDC 3923	661454.73	5994413.34	435.80	111.00	54	33.55	30.23%
AQ-10-97	CDC 3923	661451.98	5994413.27	435.24	111.00	52	33.61	30.28%
AQ-10-98	CDC 3923	661447.60	5994413.06	435.94	111.00	42	27.96	25.19%
AQ-10-99	CDC 3923	661465.12	5994424.91	436.15	129.00	71	47.70	36.98%
AQ-10-100	CDC 3923	661458.11	5994425.00	436.32	129.00	60	36.99	28.67%
AQ-10-101	CDC 3923	661455.17	5994425.09	435.47	129.00	45	28.49	22.09%
AQ-10-102	CDC 3923	661468.16	5994424.78	436.03	123.00	55	29.25	23.78%
AQ-10-103	CDC 3923	661460.95	5994413.50	436.04	126.00	44	25.92	20.57%
AQ-10-104	CDC 3922	661385.41	5994354.79	435.54	90.00	15	9.15	10.17%
FDL-10-01	CDC 3935	662374.11	5995020.52	430.09	30.00	23	13.81	46.03%
FDL-10-02	CDC 3935	662371.21	5995021.38	430.05	30.00	11	7.45	24.83%
FDL-10-03	CDC 3935	662379.86	5995029.03	430.42	30.00	17	9.11	30.37%
FDL-10-04	CDC 3935	662382.80	5995027.96	430.07	30.00	19	11.73	39.10%
FDL-10-05	CDC 3935	662385.68	5995026.93	430.05	30.00	24	15.91	53.03%
FDL-10-06	CDC 3935	662388.38	5995025.98	430.19	30.00	16	8.15	27.17%

Tableau 3 Spécifications techniques des sondages verticaux (calibre NQ) propriété Aquilon

No Sondage	Titre Minier	Coordonnées UTM NAD 83			Long. (m)	Échantillonnage		
		ESTANT (mE)	NORDANT (mN)	Elév. (m)		Nb Échan.	Long. Totale (m)	% Échantillonné
FDL-10-07	CDC 3935	662382.95	5995038.60	430.06	39.00	24	15.74	40.36%
FDL-10-08	CDC 3935	662385.83	5995037.63	429.91	39.00	21	12.30	31.54%
FDL-10-09	CDC 3935	662388.59	5995036.77	429.94	39.00	26	16.25	41.67%
FDL-10-10	CDC 3935	662391.51	5995035.79	429.88	42.00	36	19.66	46.81%
FDL-10-11	CDC 3935	662380.09	5995039.51	429.95	39.00	14	9.50	24.36%
MO-10-01	CDC 3936	662614.57	5995159.42	428.58	15.00	24	13.13	87.53%
MO-10-02	CDC 3936	662615.99	5995165.12	429.00	15.00	15	8.40	56.00%
MO-10-03	CDC 3936	662617.20	5995169.97	429.00	18.00	19	12.50	69.44%
MO-10-04	CDC 3936	662618.41	5995174.82	429.00	21.00	22	11.53	54.90%
MO-10-05	CDC 3936	662619.62	5995179.67	429.00	27.00	22	12.78	47.33%
MO-10-06	CDC 3936	662620.83	5995184.52	429.00	30.00	17	10.84	36.13%
MO-10-07	CDC 3936	662622.04	5995189.37	429.00	30.00	22	11.65	38.83%
MO-10-08	CDC 3936	662626.88	5995208.77	429.00	45.00	30	15.65	34.78%
MO-10-09	CDC 3936	662628.09	5995213.62	429.00	51.00	24	13.60	26.67%
MO-10-10	CDC 3936	662613.11	5995159.78	429.00	15.00	23	13.51	90.07%
MO-10-11	CDC 3936	662616.47	5995175.30	429.00	21.00	13	7.77	37.00%
MO-10-12	CDC 3936	662620.34	5995174.34	429.00	24.00	10	5.85	24.38%
MO-10-13	CDC 3936	662624.95	5995188.64	429.00	30.00	12	8.59	28.63%
MO-10-14	CDC 3936	662619.62	5995189.97	429.00	36.00	27	18.25	50.69%
Total					**1926.00**	**980.00**	**600.32**	**31.17%**

Deux séries de sondages verticaux, espacées de 11.5 m (N-S), ont été implantés à 218 m au N-NE de la veine Lingo 3 Ouest sur une maille latérale de 3-7 m. Les forages ont permis de tester la veine aurifère jusqu'à une profondeur vertical de 129 m. Sept des neuf sondages ont intersecté la veine Lingo 3 Ouest. Ils confirment une extension latérale de la veine sur une distance de 9 à 16 m et en direction du plongement sur une distance de 240 m. Les veines aurifères intersectées ont cependant une épaisseur relativement étroite avec des valeurs aurifères variant de 2.85 g/T Au sur 0.43 m (AQ-10-103) à 66.6 g/T Au sur 0.20 m (AQ-10-96) pour la série de trous situés au sud; et de 1.72 g/T Au sur 0.50m (AQ-10-99) à 35.20 g/T AU sur 0.30 m (AQ-10-101) pour la série de trous situés au nord. Ces trous ont également intersecté la veine Muscovite ayant titré 26.7 g/T Au sur 0.40 m dans le trou AQ-10-103. Mentionnons également la présence de deux nouvelles veines aurifère intersectées à des profondeurs de 48.17 m et de 109.38 m. Ces veines ont révélé respectivement des teneurs de 3.78 g/T Au sur 0.29 m et de 7.59 g/T Au sur 2.03 m. La zone minéralisée de Lingo 3 Ouest demeure ouverte latéralement à l'est et en direction du

plongement. Le trou AQ-10-104 a été implanté afin de tester la veine Muscovite. Les résultats d'analyse n'ont révélé aucune valeur aurifère significative pour ce dernier trou dans le secteur du lac Lingo.

Quatorze sondages verticaux totalisant 378 m ont été réalisés sur l'indice Môman durant l'automne 2010 afin de définir latéralement et dans le sens de la plongée les extensions de la minéralisation aurifère à haute teneur. Neuf trous ont été implantés en direction N-NE à intervalle de 5 à 20 m dans le sens de la plongée; quatre forages ont été implantés latéralement sur une maille de 2 à 3 m; et un forage implanté à 1.50 m du trou MO-10-01 afin d'évaluer la distribution de la minéralisation aurifère sur une maille très rapprochée. Les forages ont été implantées de façon à recouper la zone minéralisée située près de charnière du pli. Les travaux de forages sur l'indice Môman ont permis de suivre la veine aurifère à haute teneur dans le sens de la plongée sur une distance de 77 m, jusqu'à une profondeur vertical de 46 m, et latéralement sur une distance de 5 m. La veine de quartz aurifère (au sens large avec section présentant plus de 50% veines de quartz) forme un pli couché dont le plan axial est orienté parallèlement à la linéation d'étirement (N-NE avec plongement de 30°). Les flancs présentent une épaisseur vraie moyenne d'environ 1.30 m. Les flancs sont bordés d'une enveloppe schisteuse fortement séricitisée présentant moins de 50% de lambeaux de veines de quartz. Cette enveloppe présente une épaisseur vraie variant de 0.38 à 2.27 m. On note la présence d'or visible sous forme de points, de grains et d'amas dans neuf des quatorze trous de forages. La zone minéralisée est caractérisée par des valeurs aurifères très élevées ayant titrées jusqu'à 834.45 g/T Au sur 1.71 m incluant 3 527.4 g/T Au sur 0.40 m dans le sondage MO-10-01. Dix huit autres intersections variant de 5.99 g/T Au sur 0.57 m dans le trou MO-10-07 à 116.48 g/T Au sur 2.25 m dans le trou MO-10-04. L'épaisseur vraie des intersections est estimée à 87% des longueurs de carottes rapportées. Les résultats d'analyse indiquent que la minéralisation aurifère sur le gîte Môman présente une distribution hétérogène et erratique. La zone aurifère demeure toutefois ouverte latéralement vers l'ouest et en direction du plongement.

Une série de onze trous verticaux totalisant 378 m ont été forés sur l'indice Fleur de Lys afin de tester systématiquement l'étendue de la minéralisation à une profondeur verticale variant de 30 à 42 m. Les trous ont été implantés sur une maille de forages de 3 m par 10 m et, couvrent une distance horizontale d'environ 34 m en direction N-NE et s'étendent latéralement sur une distance maximale de 12 m. Sept sondages ont intersecté une minéralisation aurifère sous forme d'or visible associée à des veines de quartz fortement déformées. Les travaux indiquent la présence de deux principales zones aurifères à haute teneur orientées N-NE. La première zone aurifère est localisée à l'interface de l'unité felsique du lac

d'Aiguillon, de l'unité de roche mafique et de l'unité sédimentaire Fleur de Lys. Elle possède une extension latérale qui varie de 9 à 16 m et a été intersectée dans les forages FDL-10-01 sur la section N5995023; FDL-10-03, FDL-10-04, FDL-10-05 sur la section N5995030; et FDL-10-07, FDL-10-08, FDL-10-09 et FDL-10-10 sur la section N5995041. Cette zone compte 11 intervalles minéralisés supérieurs à 5 g/T Au variant de 6.62 g/T Au sur 0.40 m (FDL-10-03) à 85.20 g/T Au sur 1.46 m (FDL-10-10). La seconde zone aurifère a été intersectée dans les sondages FDL-10-09 et FDL-10-10 à une profondeur de 24 m. La minéralisation aurifère est contenue dans une veine, pluridécimétrique à métrique, de quartz très fortement déformée et encaissée dans l'unité dans l'unité sédimentaire Fleur de Lys. On note également léger épaississement dans la zone de charnière du pli. Cette veine a titré des valeurs de 7.45 g/T Au sur 0.30 m (FDL-10-10) à 31.80 g/T Au sur 0.58 m (FDL-10-09). Les zones minéralisées intersectées sur l'indices Fleur de Lys restent ouverte latéralement et en direction du plongement.

Le tableau suivant présente la liste des intersections aurifères supérieures à 5 g/ T Au obtenues dans 24 sondages durant la campagne de forages de 2010.

Tableau 5 Résultats significatifs (>5.0 g/T Au)
Programme de forages au diamant 2010 – Gîtes Lingo 3 Ouest, Fleur de Lys & Môman

No Sondage	De (m)	A (m)	Longueur (m)	Teneur (g/T Au)	Teneur (oz/T Au)
AQ-10-100	54.15	54.82	0.67	5.57	0.16
AQ-10-100	89.28	89.58	0.30	26.55	0.77
AQ-10-100	91.28	91.68	0.40	21.80	0.64
AQ-10-101	91.13	91.43	0.30	35.20	1.03
AQ-10-102	12.88	13.18	0.30	8.00	0.23
AQ-10-102	92.79	93.09	0.30	9.53	0.28
AQ-10-102	116.56	116.87	0.31	10.05	0.29
AQ-10-102	118.72	119.02	0.30	12.40	0.36
AQ-10-103	32.60	33.00	0.40	26.70	0.78
AQ-10-103	109.38	111.41	2.03	7.59	0.22
AQ-10-95	86.11	86.77	0.66	11.70	0.34
AQ-10-96	86.00	86.20	0.20	66.60	1.94
AQ-10-96	104.29	104.69	0.40	6.72	0.20
AQ-10-99	115.24	115.74	0.50	6.94	0.20
FDL-10-01	9.24	10.65	1.41	21.33	0.62
FDL-10-03	15.30	15.70	0.40	6.62	0.19
FDL-10-04	14.47	16.88	2.41	9.63	0.28
FDL-10-05	15.51	16.33	0.82	133.67	3.90
FDL-10-06	19.21	19.51	0.30	13.20	0.39

Tableau 5 Résultats significatifs (>5.0 g/T Au)
Programme de forages au diamant 2010 – Gîtes Lingo 3 Ouest, Fleur de Lys & Môman

No Sondage	De (m)	A (m)	Longueur (m)	Teneur (g/T Au)	Teneur (oz/T Au)
FDL-10-07	23.19	24.20	1.01	6.24	0.18
FDL-10-07	24.70	25.36	0.66	5.60	0.16
FDL-10-08	19.65	19.95	0.30	15.00	0.44
FDL-10-08	21.14	22.77	1.63	10.33	0.30
FDL-10-08	23.27	23.72	0.45	6.65	0.19
FDL-10-09	16.00	18.85	2.85	6.10	0.18
FDL-10-09	24.07	24.65	0.58	31.80	0.93
FDL-10-10	12.18	13.64	1.46	85.20	2.49
FDL-10-10	22.12	22.42	0.30	7.45	0.22
FDL-10-10	22.80	24.41	1.61	6.16	0.18
MO-10-01	3.80	4.72	0.92	11.19	0.33
MO-10-01	5.46	6.00	0.54	32.50	0.95
MO-10-01	6.52	8.23	1.71	834.45	24.34
MO-10-03	10.29	11.23	0.94	6.06	0.18
MO-10-03	12.20	13.64	1.44	6.72	0.20
MO-10-04	12.35	14.60	2.25	116.48	3.40
MO-10-04	16.00	17.46	1.46	18.21	0.53
MO-10-05	14.45	15.45	1.00	8.92	0.26
MO-10-05	15.85	16.35	0.50	8.24	0.24
MO-10-05	17.06	19.62	2.56	7.89	0.23
MO-10-07	20.60	21.80	1.20	25.16	0.73
MO-10-07	23.54	24.11	0.57	5.99	0.17
MO-10-07	26.46	27.89	1.43	8.43	0.25
MO-10-08	32.36	36.95	4.59	8.40	0.25
MO-10-08	38.30	39.05	0.75	10.55	0.31
MO-10-09	37.85	39.31	1.46	23.87	0.70
MO-10-09	42.68	43.28	0.60	425.34	12.41
MO-10-10	3.31	4.51	1.20	15.64	0.46
MO-10-11	19.12	19.74	0.62	11.20	0.33

METHODE D'ECHANTILLONNAGE & APPROCHE

Toutes les veines de quartz, les zones de cisaillement ainsi que les zones d'altération ont été sélectionnées pour échantillonnage par l'auteur lors de la campagne de forage. Les échantillons de carottes ont été fendus en deux parties égales à l'aide d'une fendeuse hydraulique sous la supervision de l'auteur. Une première partie a fait l'objet d'analyse alors que la seconde a été remisée dans la boîte de carottes pour référence.

Les boîtes de carottes ont été entreposées à environ 100 m à l'est, au kilomètre 21.4 sur route d'accès menant aux installations hydroélectrique de LA-1. Les boîtes 1 et 2 (3.33-11.82 m) du trou MO-10-02; 3 et 4 (12.13-21.00 m) du trou MO-10-04; 3 et 4 (12.00-20.72 m) du trou FDL-10-05; la boîte 3 (12.00-16.26 m) du trou FDL-10-10; et la boîte 7 (27.53-30.00 m) du trou FDL-10-03 ont été transportées et remisées dans un entrepôt sécurisé de Ressources Sirios Inc. situé à St-Bruno, QC.

Neuf cent quatre-vingt (980) échantillons, totalisant 600.32 m (31.17%) et dont la longueur varie de 0.20 m à 1.35 m, ont été prélevés et analysés au laboratoire ALS-Chemex de Val d'Or. Les échantillons ne présentant pas d'or visible ont été analysés par pyroanalyse avec finition par absorption atomique alors que ceux présentant de l'or visible ont été analysés par pyroanalyse avec tamisage métallique.

PREPARATION, ANALYSES ET SECURITE DES ECHANTILLONS

Tous les échantillons ne présentant pas d'or visible ont été préparés selon les procédures standards d'ALS Chemex et analysés par méthode conventionnelle de pyroanalyse avec finition par absorption atomique (Au-AA24). Les échantillons sont pesés, séchés et broyés tel que 70% de l'échantillon ait une granulométrie inférieure à 10 mesh (2 mm). Un échantillon de 250 grammes est alors retranché et pulvérisé tel que 85% de l'échantillon ait une granulométrie inférieure à 0.075 mm (200 mesh). Un échantillon de 50 grammes de pulpe est alors analysé par pyroanalyse avec finition par absorption atomique. Le seuil de détection est 0.005 ppm alors que la limite supérieure de détection est de 10 ppm. Les échantillons excédant la limite supérieure de détections ont été systématiquement ré-analysés par finition gravimétrique par le laboratoire.

Les échantillons présentant de l'or visible ou dont les analyses par méthode conventionnelle ont retourné des valeurs supérieures à 5 ppm Au ont été analysés par pyroanalyse avec tamisage métallique (Au-SCR21) à 100 microns en pulvérisant 100% de l'échantillon. Le seuil de détection est 0.05 ppm alors que la limite supérieure de détection est de 1 000 ppm. L'échantillon No J764971 a été détruit lors de la préparation au laboratoire d'ALS-Chemex à Val d'Or. Cet échantillon prélevé entre 16.66 et 17.16 m dans le trou MO-10-04 présentait 2 amas plurimillimétriques (14 X 2 mm & 2 X 1 mm) d'or visible à la surface de la carotte. La demi-carotte restante a été prélevée et envoyée au laboratoire d'ALS-Chemex de Val d'Or pour analyse par pyroanalyse avec tamisage métallique.

Tous les échantillons de carottes ont été préparés sous la supervision de l'auteur. Les sacs d'échantillons scellés ont été immédiatement placés dans des sacs d'expédition numérotés. Tous les sacs d'expédition ont été scellés à la fin de chaque journée de travail. Les échantillons ont été conservés sur le terrain jusqu'au moment de l'expédition à partir de la Pourvoirie le Mirage. Considérant que le projet Aquilon est situé en région éloignée, aucune mesure n'a été entreprise afin de sécuriser les échantillons dans un lieu dont l'accès est verrouillé. Le transport des échantillons jusqu'au laboratoire d'ALS Chemex de Val d'Or a été effectué par Kepa Transport Inc., un transporteur commercial desservant la région de la Baie-James, par la compagnie de forage ainsi que par l'auteur à la fin des travaux.

VERIFICATION DES DONNEES

Dans le but d'assurer un contrôle de la qualité durant la campagne de forages au diamant, un échantillon standard (1.323 g/T Au) certifié ainsi qu'un blanc de terrain ont été introduits en alternance dans les envois au laboratoire afin de vérifier la reproductivité et la précision, ainsi que la contamination potentielle au laboratoire. Les résultats d'analyse indiquent que vingt-deux des vingt-cinq des blancs ont retourné des valeurs inférieures au seuil de détection (-0.005 ppm Au). Cependant trois échantillons (J764800, J767750 et J767875) ont titré des valeurs variant de 0.017 à 0.029 g/T Au ce qui indique qu'une contamination a été faite durant la préparation au laboratoire. Les résultats d'analyses des standards ont retourné des valeurs variant de 1.01 à 1.41 g/T Au avec une erreur relative variant de 0.53 % et 23.66 % et une erreur relative moyenne de 7.60%. Quatre standards ont retourné des valeurs inférieures à 1.235 ppm Au (valeur acceptée ±2 écart-type) indiquant possiblement des valeurs sous-évaluées des groupes d'échantillons envoyés pour analyse. La fiche technique ainsi que les résultats d'analyse obtenus pour les standards sont présentés à l'annexe IV du présent rapport.

CONCLUSIONS ET RECOMMANDATIONS

Un programme de forages au diamant a été réalisé sur les gîtes Lingo 3 Ouest, Fleur de Lys et Môman au cours des mois d'octobre à décembre 2010. Ce programme a totalisé 1 926 mètres répartis entre 35 sondages verticaux de calibre NQ. Les forages ont été implantés sur une maille rapprochée et à des profondeurs verticales variant de 15 à 129 m.

Deux séries de sondages verticaux, espacées de 11.5 m (N-S), ont été implantés à 218 m au N-NE de la veine Lingo 3 Ouest sur une maille latérale de 3-7 m. Les forages ont permis de tester la veine aurifère jusqu'à une profondeur vertical de 129 m. Sept des neuf sondages ont intersecté la veine Lingo 3 Ouest. Les forages indiquent une extension latérale de la veine sur une distance de 9 à 16 m dans ce secteur. Les veines aurifères intersectées ont cependant une épaisseur relativement étroite avec des valeurs aurifères variant de 2.85 g/T Au sur 0.43 m (AQ-10-103) à 66.6 g/T Au sur 0.20 m (AQ-10-96) pour la série de trous situés au sud; et de 1.72 g/T Au sur 0.50m (AQ-10-99) à 35.20 g/T AU sur 0.30 m (AQ-10-101) pour la série de trous situés au nord. La veine Muscovite intersectée dans le trou AQ-10-103 à quant elle titré 26.7 g/T Au sur 0.40 m dans le trou AQ-10-103. Ces nouveaux forages confirment l'extension de la minéralisation aurifère du gîte Lingo 3 Ouest sur une distance de 240 m en direction du plongement. La zone minéralisée reste ouverte latéralement et en direction du plongement.

Quatorze sondages verticaux totalisant 378 m ont été réalisés sur l'indice Môman afin de définir latéralement et dans le sens de la plongée les extensions de la minéralisation aurifère. La majorité des trous ont été implantés en direction N-NE à intervalle de 5 à 20 m. Cinq forages ont été implantés latéralement sur une maille de 1.5 à 3 m. La veine de quartz aurifère forme un pli couché dont le plan axial est orienté parallèlement à la linéation d'étirement (N-NE avec plongement de 30°). Les flancs présentent une épaisseur vraie moyenne d'environ 1.30 m et sont bordés d'une enveloppe schisteuse fortement séricitisée présentant moins de 50% de veines de quartz. Les travaux de forages sur l'indice Môman ont permis de suivre la veine aurifère dans le sens de la plongée sur une distance de 77 m, jusqu'à une profondeur vertical de 46 m, et latéralement sur une distance de 5 m. La zone aurifère est caractérisée par des valeurs aurifères très élevées ayant titrées jusqu'à 834.45 g/T Au sur 1.71 m incluant 3 527.4 g/T Au sur 0.40 m dans le sondage MO-10-01. Dix huit autres intersections variant de 5.99 g/T Au sur 0.57 m dans le trou MO-10-07 à 116.48 g/T Au sur 2.25 m dans le trou MO-10-04 ont été rapportées. Les travaux

de forages confirment une distribution hétérogène et erratique de la minéralisation aurifère. La zone minéralisée demeure toutefois ouverte latéralement vers l'ouest et en direction du plongement.

Onze trous verticaux totalisant 378 m ont été forés sur l'indice Fleur de Lys vérifier l'étendue de la minéralisation à une profondeur verticale variant de 30 à 42 m. Les trous ont été implantés sur une maille de forages de 3 m par 10 m. Ils couvrent une distance horizontale d'environ 34 m en direction N-NE et s'étendent latéralement sur une distance maximale de 12 m. Sept sondages ont intersecté une minéralisation aurifère sous forme d'or visible associée à des veines de quartz fortement déformées. Les travaux confirment la présence de deux principales zones aurifères à haute teneur. La première zone aurifère est localisée à l'interface de l'unité felsique du lac d'Aiguillon, de l'unité de roche mafique et de l'unité sédimentaire Fleur de Lys. Elle possède une extension latérale qui varie de 9 à 16 m et a été intersectée jusqu'à une profondeur de 25 m. Cette zone compte 11 intervalles minéralisés supérieurs à 5 g/T Au variant de 6.62 g/T Au sur 0.40 m (FDL-10-03) à 85.20 g/T Au sur 1.46 m (FDL-10-10). La seconde zone aurifère a été intersectée dans les sondages FDL-10-09 et FDL-10-10 à une profondeur de 24 m. La minéralisation aurifère est contenue dans une veine, pluridécimétrique à métrique, de quartz très fortement déformée, encaissée dans l'unité sédimentaire Fleur de Lys. Sa largeur est estimée à 7 m. Cette veine a titré des valeurs de 7.45 g/T Au sur 0.30 m (FDL-10-10) à 31.80 g/T Au sur 0.58 m (FDL-10-09). Les zones minéralisées intersectées sur l'indices Fleur de Lys restent ouverte latéralement et en direction du plongement.

Il est finalement recommandé d'entreprendre une série de forages additionnels à faible profondeur orientés vers la recherche de zones minéralisée à haute teneur orientées parallèlement aux zones aurifères connues; d'entreprendre à un programme de décapages mécaniques et d'échantillonnage en rainures dans le secteur situé entre les gîtes Fleur de Lys et Môman. Il est également recommandé d'évaluer la possibilité d'extraire un échantillon en vrac sur les gîtes Lingo 3 Ouest, Fleur de Lys et Môman permettant évaluer la teneur exacte de ces gîtes.

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Roger Moar, géo

Salaberry de Valleyfield, le 5 juillet 2011

REÇU AU MRNF
30 MAI 2013
DIRECTION DES TITRES MINIERS

1310887

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ANNEXE I LISTE DES TITRES MINIERS

LISTE DES TITRES MINIERS
PROPRIETE AQUILON

Feuillet	Rangée/Bloc	Colonne/Lot	Type de titre	No titre	Statut	Date d'inscription	Date d'expiration	Superficie (Ha)	Excédents	Travaux requis	Droits requis	Détenteur(s) (Nom, Numéro et Pourcentage)
SNRC 33I01	10	1	CDC	3860	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	10	2	CDC	3861	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	10	3	CDC	3862	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	10	4	CDC	3863	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	1	CDC	3869	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	17 956.92 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	2	CDC	3870	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	14 011.25 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	3	CDC	3871	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	14 011.25 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	4	CDC	3872	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	14 011.25 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	5	CDC	3873	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	6	CDC	3874	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	7	CDC	3875	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	8	CDC	3876	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	53	CDC	3898	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	17 557.29 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	54	CDC	3899	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	17 272.62 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	55	CDC	3900	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	17 143.88 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	56	CDC	3901	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	18 043.88 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	57	CDC	3902	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	14 023.44 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)

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Feuillet	Rangée/Bloc	Colonne/Lot	Type de titre	No titre	Statut	Date d'inscription	Date d'expiration	Superficie (Ha)	Excédents	Travaux requis	Droits requis	Détenteur(s) (Nom, Numéro et Pourcentage)
SNRC 33I02	8	53	CDC	3908	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	21 679.00 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	54	CDC	3909	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	18 040.05 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	55	CDC	3910	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	31 508.77 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	56	CDC	3911	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	18 040.05 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	57	CDC	3912	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	14 020.40 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	58	CDC	3913	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	14 020.40 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	53	CDC	3919	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	17 136.20 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	54	CDC	3920	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	18 665.74 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	55	CDC	3921	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	39 325.58 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	56	CDC	3922	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	176 631.15 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	57	CDC	3923	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	136 063.20 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	58	CDC	3924	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	18 665.74 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	59	CDC	3925	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	49 590.82 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	60	CDC	3926	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	18 036.20 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	53	CDC	3930	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	40 823.96 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	54	CDC	3931	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	18 032.36 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	55	CDC	3932	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)

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SNRC 33I02	10	56	CDC	3933	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	14 014.30 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	57	CDC	3934	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	21 978.03 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	58	CDC	3935	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	58 077.03 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	59	CDC	3936	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	50 884.50 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	60	CDC	3937	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	140 670.03 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	53	CDC	3941	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	14 011.25 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	54	CDC	3942	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	14 011.25 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	55	CDC	3943	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	14 011.25 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	56	CDC	3944	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	14 011.25 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	57	CDC	3945	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	21 974.18 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	58	CDC	3946	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	21 974.17 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	59	CDC	3947	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	93 666.17 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	60	CDC	3948	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	190 924.21 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	6	50	CDC	1128503	Actif	2003-09-29 00:00	2011-09-28 23:59	50,62	96.43 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	6	51	CDC	1128504	Actif	2003-09-29 00:00	2011-09-28 23:59	50,62	364.81 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	6	52	CDC	1128505	Actif	2003-09-29 00:00	2011-09-28 23:59	50,62	423.33 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	6	53	CDC	1128506	Actif	2003-09-29 00:00	2011-09-28 23:59	50,62	3 098.03 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)

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SNRC 33I02	7	50	CDC	1128507	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	280.14 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	51	CDC	1128508	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	1 470.36 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	52	CDC	1128509	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	5 490.80 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	50	CDC	1128510	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	0.00 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	51	CDC	1128511	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	5 489.44 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	52	CDC	1128512	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	7 623.69 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	50	CDC	1128513	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	0.00 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	51	CDC	1128514	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	5 488.08 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	9	52	CDC	1128515	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	17 365.01 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	50	CDC	1128516	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	0.00 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	51	CDC	1128517	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	1 468.66 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	10	52	CDC	1128518	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	5 486.72 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	50	CDC	1128519	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	0.00 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	51	CDC	1128520	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	862.01 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	11	52	CDC	1128521	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	955.77 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	8	1	CDC	1128522	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	6 340.75 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	9	1	CDC	1128523	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	16 511.13 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)

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SNRC 33I01	9	2	CDC	1128524	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	7 831.51 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	9	3	CDC	1128525	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	8 154.67 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	9	4	CDC	1128526	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	8 480.86 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	9	5	CDC	1128527	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	3 696.46 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	10	5	CDC	1128528	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	11 035.58 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	10	6	CDC	1128529	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	7 910.78 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	10	7	CDC	1128530	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	8 240.03 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	10	8	CDC	1128531	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	8 566.22 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	10	9	CDC	1128532	Actif	2003-09-29 00:00	2011-09-28 23:59	50,59	983.22 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	11	9	CDC	1128533	Actif	2003-09-29 00:00	2011-09-28 23:59	50,58	2 964.80 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	12	1	CDC	1128534	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	8 770.48 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	12	2	CDC	1128535	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	8 444.28 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	12	3	CDC	1128536	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	8 115.03 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	12	4	CDC	1128537	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	7 785.79 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	12	5	CDC	1128538	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	7 453.49 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	12	6	CDC	1128539	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	7 121.19 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	12	7	CDC	1128540	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	6 788.90 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)

LISTE DES TITRES MINIERS
PROPRIETE AQUILON

Feuillet	Rangée/Bloc	Colonne/Lot	Type de titre	No titre	Statut	Date d'inscription	Date d'expiration	Superficie (Ha)	Excédents	Travaux requis	Droits requis	Détenteur(s) (Nom, Numéro et Pourcentage)
SNRC 33I01	12	8	CDC	1128541	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	6 477.94 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I01	12	9	CDC	1128542	Actif	2003-09-29 00:00	2011-09-28 23:59	50,57	1 166.13 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	6	54	CDC	1128543	Actif	2003-09-29 00:00	2011-09-28 23:59	50,62	11 648.79 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	6	55	CDC	1128544	Actif	2003-09-29 00:00	2011-09-28 23:59	50,62	9 258.25 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	6	56	CDC	1128545	Actif	2003-09-29 00:00	2011-09-28 23:59	50,62	9 572.26 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	6	57	CDC	1128546	Actif	2003-09-29 00:00	2011-09-28 23:59	50,62	9 630.18 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	58	CDC	1128547	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	9 041.80 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	7	59	CDC	1128548	Actif	2003-09-29 00:00	2011-09-28 23:59	50,61	7 913.83 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	59	CDC	1128549	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	17 336.77 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	8	60	CDC	1128550	Actif	2003-09-29 00:00	2011-09-28 23:59	50,6	8 413.80 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	12	52	CDC	1128551	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	0.00 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	12	53	CDC	1128552	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	3 065.40 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	12	54	CDC	1128553	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	2 751.40 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	12	55	CDC	1128554	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	2 437.39 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	12	56	CDC	1128555	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	2 123.39 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	12	57	CDC	1128556	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	13 183.67 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	12	58	CDC	1128557	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	13 183.67 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)

LISTE DES TITRES MINIERS
PROPRIETE AQUILON

Feuillet	Rangée/Bloc	Colonne/Lot	Type de titre	No titre	Statut	Date d'inscription	Date d'expiration	Superficie (Ha)	Excédents	Travaux requis	Droits requis	Détenteur(s) (Nom, Numéro et Pourcentage)
SNRC 33I02	12	59	CDC	1128558	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	13 183.67 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)
SNRC 33I02	12	60	CDC	1128559	Actif	2003-09-29 00:00	2011-09-28 23:59	50,56	13 111.67 $	1 350.00 $	120.00 $	SOQUEM inc. (2427) 20 % Ressources Sirios inc (13467) 40 % Ressources Golden Tag Ltd (82479) 40 % (responsable)

ANNEXE II JOURNAUX DE FORAGES

Hole: AQ-10-100

Easting (mE):	661458.11	**Northing (mN):**	5994425.00	**Elevation:**	436.32
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	129.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Driling Ltd

Started: November 9, 2010 **Finished:** November 10, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 5.57 g/T Au over 0.67 m (54.15-54.82), 26.55 g/T Au over 0.30 m (89.28-89.58) & 21.80 g/T Au over 0.40 m (91.28-91.68)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	41.80	SR+ V1 - PARTIALLY RECRYSTALLIZED AND WEAKLY SERICITIZED FELSIC VOLCANIC - Pale grey to medium-grey, weakly foliated (60° CA), fine-grained (0,5-1 mm), weakly SR+ felsic volcanic; mainly composed of PG and QZ, 2-10% finer-grained BO and minor amount CL; plurimillimetric to pluricentimetric banding resulting from variation of BO content; presence of reddish brown phlogopite; presence of deformed QZ phenocrysts (2-5 mm); Tr of finely disseminated SF (PO-PY); <1% finely disseminated MG; weakly fractured at 5-10° CA with EP±CL±CB filling; intersected by few pluricentimetric to pluridecimetric wide, medium-grained (1-2 mm) dark green to brownish green BO+ mafic dykelets oriented along S1 and greenish brown, porphyritc diorite with AM phenocrysts (2 mm) oriented along foliation (e.g. 14.07-14.16) ; overall QZ veins and stringers are poorly developed; <1% QZ stringers (0.5 cm) oriented along S1 - Samples: - J764233: QZ vein (tw 4 cm) with Tr of PY; oriented at 60° CA - J764234: QZ vein (tw 2 cm) with Tr of PY; oriented at 60° CA; strongly SI+ and moderately SR+ wallrocks - J764762 to J764764: Systematic sampling - J764765: Muscovite vein?; light grey, coarse-grained QZ vein with Tr amount of PY-PO followed from 37.21 to 37.51; U/C oriented at 57° CA; L/C oriented at 67° CA; wallrocks are strongly SI+ - J764766: Systematic sampling; SI+ metafelsite crosscutted by 2% deformed QZ stringers (<1 cm) oriented along S1 (68° CA); 1% PO and PY - J764767 and J764768: Systematic sampling - J764769: Muscovite vein?; same as J764765; followed from 39.64 to 39.85; U/C oriented at 64° CA; L/C is irregularly oriented;	J764233 J764234 J764762 J764763 J764764 J764765 J764766 J764767 J764768 J764769 J764770 J764771 J764772	15.30 20.65 35.07 35.82 36.57 37.17 37.57 38.17 39.02 39.52 39.92 40.74 41.34	15.60 20.95 35.82 36.57 37.17 37.57 38.17 39.02 39.52 39.92 40.74 41.34 42.09	0.30 0.30 0.75 0.75 0.60 0.40 0.60 0.85 0.50 0.40 0.82 0.60 0.75	0.452 4.840 0.132 0.077 0.137 1.275 0.353 0.091 0.083 1.455 2.360 0.099 0.036	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			upper wallrock is strongly SI+ and weakly PY+ (2%) - J764770:Shear zone; srongly SI+ and weakly SR+, EP+ and CB+ felsic volcanic crosscutted by 20% deformed QZ veins (<3.5 cm) and stringers oriented at 68° CA; 1% PY-PO±SP - J764771 & J764772: Systematic sampling								
0	41.80	78.43	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit with banded and locally a marbred aspect; foliation oriented at 60°-65° CA; pale grey to medium grey, fine-grained (0.5-1 mm) partially recrystallized felsic volcanic or deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amount CL, SR and EP; Tr-1% disseminated SF; SI+ and locally EP+; with 15-20% medium-grained, whitish pluricentimetric to decimetric wide bands (resulting from partial recrystallization?) composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and <1% MG and associated with very thin QZ stringers (2-3 mm) oriented along S1 - <5% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) moderately BO+ and slightly EP+ gabbro dykes; decimetric to pluridecimetric wide, brownish grey, fine-grained (1 mm) diorite dykes (e.g. 41.80-42.00, 42.47-42.57, 44.07-44.17); porphyritic diorite dykelets with AM / BO phenocrysts (2 mm) (e.g. 60.27-60.35 and 69.84-70.07); and dark grey, weakly foliated, porphyritic diorite dyke composed 15% anedral PG phenocrysts (2 mm) set in a very fine-grained intermediate groundmass with 20% BO (e.g. 56.88-57.10, 57.21-57.41)	J764773 J764774 J764776 J764777 J764778 J764779	42.09 42.84 43.84 44.84 45.44 45.94	42.84 43.84 44.84 45.44 45.94 46.65	0.75 1.00 1.00 0.60 0.50 0.71	0.036 0.036 0.031 0.068 0.817 0.084	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0
1	52.91	53.65	I2J - DIORITE - Dark grey, weakly foliated, fine-grained (0.5-1 mm) diorite composed of subedral PG, 20% BO and minor amount of EP;Tr of PY;	J764780	53.25	53.75	0.50	0.065	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			U/C oriented at 67° CA; L/C oriented at 60° CA								
2	53.65	78.43	- MAIN UNIT CONTINUES - Samples: - J764780: Systematic sampling - J764781: Muscovite vein; coarse-grained QZ vein followed from 53.79 to 54.14; 0.5% PY-PO filling fractures; hosted in pale grey SI+ shear zone; lower wallrock is strongly SI+, weakly PY over 20 cm with presence of reddish brown phlogopite; U/C oriented at 60° CA; L/C oriented at 65° CA - J764782: Lower wallrock of J764781 - J764783: Systematic sampling - J764784: Systematic sampling - J764785: QZ-CB vein (tw 8 cm) oriented at 55° CA; Tr of PY on SI+ wallrocks - J764786: Systematic sampling	J764781 J764782 J764783 J764784 J764785 J764786 J764787	53.75 54.15 54.82 58.50 59.25 59.65 78.37	54.15 54.82 55.57 59.25 59.65 60.40 78.67	0.40 0.67 0.75 0.75 0.40 0.75 0.30	1.315 5.570 0.022 0.010 0.168 0.091 0.036	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
0	78.43	80.68	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (67° CA), aphanitic to fine-grained (1 mm) AM+ basalt; presence of anedral PG phenocrysts (3 mm); BO forming thin envelopes oriented along S1; Tr of disseminated SF aligned along foliation; <1% QZ stringers (<0.5 cm) oriented along S1; U/C is crosscutted by a QZ vein; L/C oriented 73° CA - Sample: - J764787: Whitish QZ vein (tw 13 cm) oriented at 48° CA								
0	80.68	87.30	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- As previously described; foliation oriented at 57° CA; SR+; <1% QZ stringers oriented along S1; locally EP+; intersected by 15% weakly foliated, fine-grained, BO+ mafic dykes (4-60 cm)								
1	83.49	84.09	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Greenish, weakly foliated, fine-grained AM+ gabbro dyke; contacts oriented at 55° CA								
2	84.09	87.30	- MAIN UNIT CONTINUES - Samples: - J764788: Systematic sampling - J764789: Weakly mineralized (PY, coarse-grained QZ (tw 2-5 cm) located on contact of recrystallized felsic volcanic and fine-grained gabbro dyke; no significant alteration on wallrocks; contacts are irregularly oriented at 50° CA - J764790: Systematic sampling	J764788 J764789 J764790	85.65 86.40 86.70	86.40 86.70 87.70	0.75 0.30 1.00	0.045 0.090 0.169	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	87.30	90.52	I1D - TONALITE - Medium-grey, weakly foliated (65° CA), medium-grained-grained (1-2 mm); composed of whitish PG and QZ (20-25%), 7-10% BO±SR±CL and <1% MG; Tr of disseminated PY-PO; intersected by fine-grained, slightly BO+, centimetric wide, mafic dykelets; locally EP+ and SI+; 1% QZ stringers (<1 cm) transposed along S1 and associated with PY (2-5%); U/C oriented at 70° CA; L/C oriented at 65° CA - Samples: - J764791: Systematic sampling; QZ vein (tw 1.5 cm) oriented at 58° CA - J764792: Systematic sampling	J764791 J764792 J764793 J764794 J764795	87.70 88.70 89.28 89.58 90.51	88.70 89.28 89.58 90.51 90.81	1.00 0.58 0.30 0.93 0.30	0.061 0.065 -1.000 0.096 2.190	-1.00 -1.00 24.90 -1.00 -1.00	-1.00 -1.00 28.20 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
0	90.52	93.69	I1N	J764796	90.81	91.28	0.47	0.190	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- QUARTZ VEINS ZONE	J764797	91.28	91.68	0.40	-1.000	21.60	22.00	-1.0
			- 15% pluricentimetric wide, very pale grey,	J764798	91.68	92.18	0.50	0.310	-1.00	-1.00	-1.0
			coarse-grained (0,5-1 cm) QZ veins (3-17 cm	J764799	92.18	92.93	0.75	0.055	-1.00	-1.00	-1.0
			along CA); hosted within brownish grey, well	J764801	92.93	93.58	0.65	0.043	-1.00	-1.00	-1.0
			foliated (62° CA) variably SI+ and SR+	J764802	93.58	93.88	0.30	0.063	-1.00	-1.00	-1.0
			sheared (70° CA) tonalite and moderately to strongly BO+ and PY+ fine-grained gabbro dykes; veins are associated with a low SF content (PO-PY-GA); no VG was observed on core surface - Samples: - J764793: 2 coarse-grained QZ veins (tw 6 & 10 cm) associated with 1% PY-PO; hosted in strongly SI+, weakly SR+, sheared tonalite associated with 1-5% PO-PY; veins are oriented at 58° CA - J764794: Systematic sampling: tonalite crosscutted by 2 very fine-grained, weakly BO+ mafic dykes (11 & 45 cm) transposed along S1 - J764795: 3 coarse-grained QZ veins (tw 2-10 cm) oriented at 62° CA; hosted in SI+ and SR+ metafelsite and strongly BO+ and PY+ (2-5%) fine-grained mafic dykelets (2-5 cm); upper vein is associated with 3% PO - J764796: Systematic sampling; fine-grained, weakly BO+ mafic dyke - J764797: Lingo vein; 2 coarse-grained QZ vein (6 & 16 cm) hosted in strongly SI+ and strongly SR+ shear zone; veins oriented at 54°-63° CA and followed from 91.33-91.49 and 91.53-91.60; 1% PY-GA±SP filling microfractures (46° CA) - J764798: Systematic samplin; strongly deformed QZ stringers (1 cm)								
0	93.69	99.13	V1 [I1D]	J764803	93.88	94.75	0.87	0.062	-1.00	-1.00	-1.0
			- PARTIALLY RECRYSTALLIZED FELSIC	J764804	94.75	95.05	0.30	0.039	-1.00	-1.00	-1.0
			VOLCANIC / DEFORMED TONALITE	J764805	95.05	95.80	0.75	0.038	-1.00	-1.00	-1.0
			- Medium-grey to purplish grey, moderately foliated (62°-68° CA), fine-grained (0.5 mm), moderately to fairly SI+ and weakly SR+, partially recrystallized felsic volcanic; marbred aspect; sheared and SI+ with presence of reddish brown phologopite and very thin QZ stringers (<1 cm) oriented along S1; locally EP+; few whitish bands with whitish PG and								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			coarser-grained BO; intersected by 10% weakly foliated, fine-grained, AM+ and BO+ mafic dykelets varying from 2-48 cm and oriented along S1 - Samples: - J764799: Systematic sampling - J764800: Blank - J764801: Systematic sampling - J764802: Coarse-grained deformed QZ vein (tw 5 cm) oriented at 52° CA; 3% PO-PY - J764803: Systematic sampling - J764804: Deformed QZ vein (tw 3 cm) located on contact of deformed felsic volcanic and fine-grained gabbro dyke - J764805: Systematic sampling								
0	99.13	102.23	DZ - DEFORMATION AND ALTERATION ZONE - Deformation and alteration zone affecting partially recrystallized felsic volcanic; comprises thin centimetric wide, deformed, greenish grey, strongly EP+ alteration zones in alternance with fine-grained felsic volcanic; 0.5% PY; foliation oriented at 60° CA; intersected by 10% fine-grained AM+ gabbro dykes (<20 cm								
0	102.23	111.93	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 93.69-99.13; SI+ and weakly SR+; fairly recrystallized with marbred aspect; foliation oriented at 58° CA - Samples: - J764813: Systematic sampling - J764814: Deformed, S-shaped, QZ stringer (1 cm) associated with 1% PO-PY±SP; oriented at 42° CA; wallrocks are SI+ and SR+ - J764815: Systematic sampling	J764813 J764814 J764815	109.95 110.70 111.00	110.70 111.00 111.93	0.75 0.30 0.93	0.024 3.040 0.134	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	111.93	117.14	AM+ I3A / V3B - AMPHIBOLITIZED GABBRO / BASALT - Dark green, thinly foliated (60° CA), fine-grained (0.5-1 mm), deformed and altered AM+ gabbro / basalt; locally BO+ and PY+; EP alteration associated with QZ injection; hosts decimetric to pluridecimetric coarse-	J764806 J764807 J764808 J764809 J764810 J764811 J764812	111.93 112.76 113.51 114.26 114.56 114.96 115.72	112.76 113.51 114.26 114.56 114.96 115.72 116.41	0.83 0.75 0.75 0.30 0.40 0.76 0.69	0.158 0.074 0.171 1.175 0.594 1.700 0.028	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			grained QZ veins intersected from 114.25-114.32, 114.39-114.48 and 114.98-115.72; U/C oriented at 56° CA; L/C oriented at 73° CA - Samples: - J764806 to J764808: Systematic sampling - J764809: 2 coarse-grained QZ vein (tw 5 & 7 cm) oriented at 74° CA intersected BO+, EP+ and PY+ mafic unit; Tr of PO-PY; upper vein is strongly deformed - J764810: Systematic sampling - J764811: Pluridecimetric wide, coarse-grained (1 cm) QZ vein; CB filling fractures; fractures oriented at low angle to CA; fractured core; Tr of PO-PY; no significant alteration on wallrocks; U/C oriented at 66° CA; L/C oriented at 76° CA - J764812: Systematic sampling								
1	116.41	117.00	I2J - DIORITE - Brownish grey, fine-grained (0.5-1 mm) diorite dyke; contacts oriented at 72° CA - Sample: - J764816: Systematic sampling	J764816	116.41	117.09	0.68	0.064	-1.00	-1.00	-1.0
2	117.00	117.14	- MAIN UNIT CONTINUES	J764817	117.09	117.54	0.45	0.159	-1.00	-1.00	-1.0
0	117.14	119.60	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 102.23-111.93; foliation oriented at 63° CA; intersected by a fine-grained BO+ mafic dyke (6 cm) and brownish grey, fine-grained diorite dykes (<30 cm) oriented along S1; weakly fractured - Samples: - J764817: Pale grey, coarse-grained QZ vein followed from 117.14-117.49; Tr of PO-PY; CB filling fractures at 10° and 70° CA; U/C oriented at 62° CA ; L/C oriented at 65° CA - J764818: Systematic sampling	J764818	117.54	118.29	0.75	0.183	-1.00	-1.00	-1.0
0	119.60	120.35	AM+ V3B - AMPHIBOLITIZED BASALT								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Dark green, thinly foliated (67° CA), aphanitic to fine-grained (0.5 mm) AM+ basalt; Tr of disseminated SF aligned along foliation; <1% QZ stringers (<0.5 cm) oriented along S1; contacts oriented along S1								
0	120.35	120.72	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - As previously described								
0	120.72	121.34	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; contacts oriented along S1								
0	121.34	128.85	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 102.23-111.93; foliation oriented at 62° CA; intersected by few brownish grey, fine-grained diorite dykes (<12 cm); with strongly EP+ centimetric to pluridecimetric wide intervals; weakly fractured - Samples: - J764819: Systematic sampling - J764820: Coarse-grained QZ vein (tw 8 cm) with Tr of SF; contacts oriented at 55° CA; no significant alteration on wallrocks; QZ stringer (1 cm) oriented at 38° CA and associated with 3% PY on wallrocks - J764821: Systematic sampling	J764819 J764820 J764821	124.42 125.17 125.47	125.17 125.47 126.22	0.75 0.30 0.75	0.050 0.025 0.021	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	128.85	129.00	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described; U/C oriented at 64° CA - EOH at 129 m								

End of Lithology and Assays ;

Hole: AQ-10-101

Easting (mE):	661455.17	**Northing (mN):**	5994425.09	**Elevation:**	435.47
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	129.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: November 11, 2010 **Finished:** November 12, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 35.20 g/T Au over 0.30 m (91.13-91.43)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of casing left in place								
0	3.00	42.83	SR+ V1 - PARTIALLY RECRYSTALLIZED AND WEAKLY SERICITIZED FELSIC VOLCANIC - Pale grey to medium-grey, moderately foliated (55-60° CA), fine-grained (0,5-1 mm), weakly SR+ felsic volcanic; mainly composed of PG and QZ, 2-10% finer-grained BO and minor amount CL; plurimillimetric to pluricentimetric banding resulting from variation of BO content; presence of deformed QZ phenocrysts (2-5 mm); Tr of finely disseminated SF (PO-PY); <1% finely disseminated MG; poorly fractured at 5-10° CA with EP±CL±CB filling - Intersected by <5% pluricentimetric to pluridecimetric wide, dark green, fine-grained mafic and brownish grey, fine grained diorite dykes - Samples: - J767907: Fractured QZ vein (estimated tw 10 cm) hosted in medium-grained, weakly SR+, EP+ and FP+ recrystallized felsic volcanic; intersected by thin CB stringers - J767908: Systematic sampling - J767909: QZ vein (tw 8 cm) crosscutting strongly SI+ and weakly EP+ and PY+ felsic volcanic at 50° CA - J767910: Systematic sampling - J767911: 2 QZ±CB veins (tw 12 and 6 cm) intersecting strongly SI+ and fairly SR+ felsic volcanic at 60° CA; Tr of PY - J767912 & J767913: Systematic sampling - J767914: QZ vein (tw 5.5 cm) crosscutting strongly SI+ and moderately SR+ felsic volcanic at 70° CA - J767915: Systematic sampling - J767916: 2 QZ±CB veins (1 cm) weakly mineralized with PY and oriented at 70° CA; Tr-1% PY - J767917: QZ vein (tw 3 cm) oriented at 70° CA; wallrocks are SI+, weakly SR+; 3% PO-PY - J767918: Systematic sampling	J767907 J767908 J767909 J767910 J767911 J767912 J767913 J767914 J767915 J767916 J767917 J767918 J767919 J767920 J767921 J767922 J767923 J767924 J767926 J767927 J767928 J767929	3.85 10.77 11.52 11.82 12.85 13.25 14.00 15.15 15.45 15.45 19.40 24.30 36.49 37.24 37.54 38.29 38.79 39.09 40.09 40.87 41.47 41.77 42.47	4.25 11.52 11.82 12.85 13.25 14.00 15.15 15.45 16.20 19.70 25.00 37.24 37.54 38.29 38.79 39.09 40.09 40.87 41.47 41.77 42.47 43.22	0.40 0.75 0.30 1.03 0.40 0.75 1.15 0.30 0.75 0.30 0.70 0.75 0.30 0.75 0.50 0.30 1.00 0.78 0.60 0.30 0.70 0.75	0.013 1.110 0.952 0.596 1.310 0.170 0.064 0.349 0.027 1.845 0.495 0.308 0.464 0.072 0.030 1.530 0.149 0.184 1.120 2.020 0.078 0.042	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J767919: Coarse-grained QZ±CB vein followed from 37.32 to 37.42; wallrocks are strongly SI+, weakly SR+ and associated with Tr to 5% PY; contacts oriented at 60° CA - J767920 & J767921: Systematic sampling - J767922: Muscovite vein; coarse-grained, deformed, QZ vein followed from 38.94 to 39.07; 10% PY-SP±PO; contacts oriented at 50° CA; presence of whitish PG and Tr amount of fluorite - J767923 & J767924: Systematic sampling - J767925: Blank - J767926: Muscovite vein; QZ vein followed from 40.90 to 41.31; intersected by a fine-grained diorite dyke (0.19 m); up to 5% PY-SP-PO filling fractures oriented at 70° CA; contacts oriented at 70° CA; hosted in purplish grey, SI+ and weakly SR+ sheared felsic volcanic - J767927: Same as J767926; tw 7 cm - J767928 & J767929: Systematic sampling								
0	42.83	79.56	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit with banded and locally a marbred aspect; foliation oriented at 65-70° CA; pale grey to medium grey, fine-grained (0.5-1 mm) partially recrystallized felsic volcanic or deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO; minor amount CL, SR and EP; Tr-1% disseminated SF; SI+ and locally EP+; 30-70% medium-grained, whitish pluricentimetric to metric wide bands (resulting from partial recrystallization) composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and <1% MG; thin QZ stringers (2-3 mm) oriented along S1 - Samples: - J767930: Strongly deformed coarse-grained QZ vein followed from 43.24 to 43.50; Tr to 5% PY; minor amount of whitish PG and EP filling vein; hosted in strongly SI+ and weakly SR+, sheared felsic volcanic - J767931 & J767932: Systematic sampling; strongly SI+ and weakly SR+ felsic volcanic;	J767930 J767931 J767932	43.22 43.82 44.57	43.82 44.57 45.32	0.60 0.75 0.75	2.720 0.055 0.059	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			5% thin QZ stringers oriented along S1 (65° CA)								
1	50.81	51.85	I2J - DIORITE - Dark grey, weakly foliated, fine-grained (0.5-1 mm) diorite dyke mainly composed subedral PG, 30% BO and minor amount of EP; Tr of PY; U/C oriented at 70° CA; L/C oriented at 65° CA								
2	51.85	54.91	- MAIN UNIT CONTINUES - Samples: - J767933: Systematic sampling - J767934: Deformed, coarse-grained QZ vein (tw 6-9 cm) associated with 3% PY-PO-SP; U/C oriented at 70° CA; L/C oriented at 60° CA; lower wallrocks SI+, PY+ (5%) and weakly SR+	J767933 J767934	53.87 54.62	54.62 54.92	0.75 0.30	0.150 4.160	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	54.91	55.31	I2J - DIORITE - Brownish to greenish grey, weakly foliated (67° CA); fine-grained diorite; composed of equal amount of grey PG and mafic minerals (AM-BO (15%)); U/C oriented at 65° CA; L/C ondulating at 40° CA - Sample: - J767935: Systematic sampling	J767935	54.92	55.67	0.75	0.089	-1.00	-1.00	-1.0
2	55.31	79.56	- MAIN UNIT CONTINUES - Sample: - J767936: Systematic sampling	J767936 J767937	78.61 79.36	79.36 79.66	0.75 0.30	0.036 0.252	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	79.56	83.45	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (56° CA), fine-grained (0.5-1 mm) AM+ basalt; presence of anedral PG phenocrysts (3 mm); BO forming thin envelopes oriented along S1; Tr of	J767938 J767939 J767940	79.66 80.61 80.91	80.61 80.91 81.66	0.95 0.30 0.75	0.013 0.010 0.007	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			disseminated SF aligned along foliation; <1% QZ stringers (<0.5 cm) oriented along S1; U/C oriented at 70° CA; L/C oriented at 50° CA - Interlayered with a brownish grey, thinly foliated (70° CA), very fine-grained (0.25-0.5 mm), intermediate volcanic or metasediment intersected from 81.68-81.68 - Samples: - J767937: QZ±PY vein (tw 3 cm) oriented at 70° CA - J767938: Systematic sampling - J767939: Pale grey, coarse-grained QZ vein (tw 10 cm) intersecting AM+ basalt at 50° CA; any significant mineralization or alteration on wallrocks - J767940: Systematic sampling								
0	83.45	91.58	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 42.83-79.56; foliation oriented at 70° CA; partially recrystallized; marbred aspect; injected by 1% thin QZ stringers transposed along S1; minor amount of QZ±CB stringers oriented at 50° CA; intersected by 5-10% fine-grained BO+ and weakly EP+, pluricentimetric to pluridecimetric wide, gabbro dykes; weakly fractured - Samples: - J767941: Systematic sampling - J767942: Lingo 3 west vein; light grey, gold-bearing, coarse-grained QZ vein (tw 16 cm) followed from 91.25 to 91.41; microfractures oriented at 15°, 40° and 70° CA; hosted in fine-grained, BO+ gabbro; Tr-1% PY-PO; minor amount of PG, EP, AM; some 20 tiny pinpoints of VG were observed on core surface; contacts oriented at 30° CA; - J767943: Systematic smpling	J767941 J767942 J767943	90.38 91.13 91.43	91.13 91.43 92.13	0.75 0.30 0.70	0.031 -1.000 0.059	-1.00 35.20 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	91.58	93.37	I1D - TONALITE - Medium-grey, weakly foliated (55° CA), medium-grained-grained (1-2 mm); mainly composed of whitish PG and QZ (20-25%), 7-	J767944 J767945	92.13 92.88	92.88 93.48	0.75 0.60	0.052 0.055	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			10% BO±SR±CL and <1% MG; Tr of disseminated PY-PO; intersected by deformed, fine-grained, slightly BO+, centimetric wide, mafic dykelets; U/C oriented at 70° CA; L/C oriented at 65° CA - Samples: - J767944 & J767945: Systematic sampling								
0	93.37	96.20	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Medium-grey to purplish grey, moderately foliated (55° CA), fine-grained (0.5 mm), SI+ and weakly SR+ partially recrystallized felsic volcanic / deformed tonalite; locally sheared, SI+ and PY+ (0.5-1%) with presence of reddish brown phlogopite and very thin QZ stringers (<1 cm) oriented along S1; presence of centimetric wide, bands with whitish PG and coarser-grained BO; intersected by 20% weakly foliated, fine-grained, AM+ and BO+ mafic dykelets (<50 cm) irregurlarly oriented; deformed; hosts three, pluricentimetric to decimetric wide, coarse-grained QZ veins intersected between 93.54 to 93.97; weakly fractured unit - Samples: - J767946: Two pale grey, QZ veins (tw 4 & 9 cm) oriented at 65° CA; Tr amount of PY and PO; hosted on contact of strongly SI+, and weakly SR+ and PY+ metafelsite and strongly BO+, CB+ and weakly PY+ fine-grained gabbro - J767947 to J767949: Systematic sampling - J767950: Blank - J767951: 3 deformed QZ veins (tw 1 & 8 cm) associated with 1-5% PY; veins oriented at 65° CA; upper wallrock is strongly EP+ and weakly PY+ (3%); lower wallrocks is SI+ and weakly SR+ - J767952: Systematic sampling	J767946 J767947 J767948 J767949	93.48 93.98 94.73 95.48	93.98 94.73 95.48 96.70	0.50 0.75 0.75 1.22	0.128 0.084 0.006 0.014	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	96.20	96.55	I2J [PO] - GREY PORPHYRITIC DIORITE - Medium grey, weakly foliated, porphyritic diorite dyke; composed of 40% PG phenocrysts (1-2 mm) set in a pale grey, fine-								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			grained, intermediate groudmass with 10% BO; Tr of finely disseminated PY; U/C oriented at 70° CA; L/C oriented at 55° CA								
0	96.55	105.31	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 93.37-96.20; foliation oriented at 65° CA; locally SI+ and weakly SR+ with marbred aspect; <5% centimetric wide, whitish bands with whitish PG and coarser-grained BO; intersected by 20% , pluricentimetric to pluridecimetric wide, fine-graiend, AM+ and weakly BO+ mafic dykes with irregularly oriented contacts; deformed unit; weakly fractured	J767951 J767952	96.70 97.00	97.00 97.75	0.30 0.75	0.337 0.116	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	105.31	107.48	DZ - DEFORMATION ZONE AND ALTERATION ZONE - Deformation and alteration zone affecting partially recrystallized felsic volcanic; comprises thin centimetric wide, deformed, greenish grey, strongly EP+ and weakly PY+ (3-5%) alteration zones in alternance with deformed, SI+, pale grey, very fine-grained felsic volcanic; Tr-5% PO-PY; Tr -1% subedral (0.5-1 mm) GR; foliation oriented at 60° CA; intersected by 10% fine-grained AM+ gabbro dykes (<20 cm)								
0	107.48	117.16	SI+ V1 [I1D] - PARTIALLY RECRYSTALLIZED AND SI+ FELSIC VOLCANIC / DEFORMED TONALITE - As previously described; fairly to strongly SI+; weakly SR+; marbred aspect; sheared with QZ phenocrysts forming eyes (2 mm) or very thin stringers stretched along S1; foliation oriented at 65° CA; weakly fractured								
1	110.46	110.85	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; fairly BO+; intersected by a QZ vein (1 cm) oriented at 70° CA; contacts								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			oriented at 70° CA								
2	110.85	113.60	- MAIN UNIT CONTINUES								
1	113.60	114.51	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described								
2	114.51	114.62	- MAIN UNIT CONTINUES								
1	114.62	116.12	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described								
1	116.12	116.50	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described								
2	116.50	116.65	- MAIN UNIT CONTINUES								
1	116.65	116.99	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described	J767953	116.65	117.26	0.61	0.614	-1.00	-1.00	-1.0
2	116.99	117.16	- MAIN UNIT CONTINUES - Sample: - J767953: Two coarse-grained QZ veins (1-2 cm) intersected BO+, EP+ fine-grained gabbro; 5% SF on walrocks; veins oriented at 70° CA								
0	117.16	119.57	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (67° CA), aphanitic to very fine-grained AM+ basalt intersected by 1% QZ stringers (<0.5 cm) oriented along S1; Tr of finely disseminated SF; weakly fractured at 15° and 60° CA; U/C								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			oriented at 80° CA; L/C oriented at 70° CA								
0	119.57	119.80	V1 - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC - Medium grey, weakly foliated (65° CA), fine-grained (1 mm) felsic volcanic; 3-5% SR; Tr of disseminated SF; intersected by a fine-grained BO+ mafic dykelet (2 cm) oriented along S1; contacts oriented at 75° CA								
0	119.80	120.35	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described								
0	120.35	121.64	I2J - DIORITE - Brownish grey, weakly foliated (60° CA), very fine-grained (0.5 mm) diorite; composed of 60% grey PG and 40% mafic minerals (BO±AM); lower section (12.18-12.40) shows a porphyritic texture with 20% AM±BO phenocrysts (2-5 mm) aligned along S1; contacts oriented at 70° CA								
0	121.64	125.25	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described								
0	125.25	129.00	V1 [I1D] - PARTIALLY RECRYSTALLIZED AND SI+ FELSIC VOLCANIC / DEFORMED TONALITE - Same as 107.48-117.26 - EOH at 129 m								

End of Lithology and Assays ;

Hole: AQ-10-102

Easting (mE):	661468.16	**Northing (mN):**	5994424.78	**Elevation:**	436.03
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	123.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: November 12, 2010 **Finished:** November 13, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 8.00 g/T Au over 0.30 m (12.88-13.18), 9.53 g/T Au over 0.30 m (92.79-93.09), 10.05 g/T Au over 0.31 m (116.56-116.87) & 12.40 g/T Au over 0.30 m (118.72-119.02)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	40.03	SR+ V1 - PARTIALLY RECRYSTALLIZED AND WEAKLY SERICITIZED FELSIC VOLCANIC - Pale grey to medium-grey, moderately to well foliated (55°-58° CA), fine-grained (0,5-1 mm), weakly to moderately SR+ felsic volcanic; mainly composed of PG and QZ, 2-10% finer-grained BO and minor amount CL; presence of reddish brown phlogopite associated with moderately SR+ felsic volcanic; plurimillimetric to pluricentimetric bands resulting from variation of BO content; presence of deformed QZ phenocrysts (2-5 mm); Tr of finely disseminated SF (PO-PY); <1% finely disseminated MG; weakly fractured at 5-10° and 21° CA with EP±CL±CB filling; overall QZ veins and stringers are weakly developed - Intersected by <5% pluricentimetric to pluridecimetric wide, dark green, aphanitic to fine-grained mafic dykes and brownish grey, fine grained diorite and few porphyritic (AM/BO) diorite (e.g. 71.33-71.61) dykes - Samples: - J764822: Systematic sampling; deformed QZ vein (tw 4 cm) with Tr of SF; oriented at 43° CA - J764823: Systematic sampling; coarse-grained QZ vein (tw 4 cm) oriented at 47° CA; SI+ wallrocks with 1% PY - J764824: Upper walrock of Muscovite veins; strongly SI+ and weakly CB+; 3-5% PY-PO; foliation oriented at 45° CA; presence of reddish brown phlogopite	J764822 J764823 J764824	12.88 16.08 37.82	13.18 16.38 38.52	0.30 0.30 0.70	8.000 0.550 1.350	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	38.13	39.88	I1N - QUARTZ VEINS ZONE - Muscovite vein comprises 3 main, pale grey, coarse-grained QZ veins followed from 38.57-39.03, 39.29-39.43 and 39.60-39.78; hosted within brownish grey, strongly SI+ and weakly SR+, CB+ and PY+ (3-	J764826 J764827 J764828	38.52 39.00 39.50	39.00 39.50 39.90	0.48 0.50 0.40	0.286 1.050 1.415	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			5%) sheared (57° CA) felsic volcanic; veins are characterized by a very low SF content (PO-PY±SP); contacts are generally oriented at 60° CA; intersected by brownish grey, fine-grained diorite dykelets (6 cm) - Samples: - J764825: Standard - J764826: Coarse-grained QZ±C vein followed from 38.57 to 39.03 weakly mineralized with PY and PO; intersected by a fine-grained diorite dykelet (6 cm) oriented at 64° CA; - J764827: QZ vein followed from 39.29 to 39.43; with strongly SI+ and weakly CB+ wallrocks; 3-10% PY±PO and 30% QZ stringers (<1 cm) on wallrocks - J764828: QZ vein followed from 39.60-39.78; 1% PY-PO±SP; upper walrock consists of a strongly BO+ and PY+ (10%) mafic dykelet; lower wallrock is strongly SI+, weakly SR+ with presence of reddish brown phologopite, associated with 5% PY-PO; U/C at 41° CA; L/C oriented at 60° CA								
2	39.88	40.03	- MAIN UNIT CONTINUES - Samples: - J764835: QZ-CB stringer (1 cm) associated with 0.5% SF (PY-PO-SP); oriented at 65° CA; strongly SI+ wallrocks - J764836: Deformed QZ stringer (1 cm) with 5% PY-PO; oriented at 69° CA - J764832: Systematic sampling - J764833: 2 QZ veins (3-4 cm) oriented at 51° CA; 1% PY; strongly SI+ and SR+ wallrocks - J764834: Systematic sampling	J764829	39.90	40.65	0.75	0.055	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	40.03	86.52	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit with banded and locally a marbred aspect; pale grey to medium grey, moderately to well foliated (63° CA), fine-grained (0.5-1 mm) partially recrystallized felsic volcanic or deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO; minor amount CL, SR and EP; Tr-1% disseminated SF; SI+; 30-40% medium-grained, whitish pluricentimetric to decimetric wide bands (resulting from partial recrystallization) composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and 1-2% MG; 5-7% QZ phenocrysts (2-5 mm) forming streched eyes of very fine stringers along S1; overall QZ veins are weakly developed; <5% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) moderately to fairly BO+ and slightly EP+ gabbro dykes; weakly fractured unit with fractures oriented at 5-10° CA with EP-CL±CB filing	J764830 J764831 J764835 J764836 J764832 J764833 J764834	40.65 41.25 46.17 50.12 52.54 53.29 53.59	41.25 42.00 46.47 50.42 53.29 53.59 54.34	0.60 0.75 0.30 0.30 0.75 0.30 0.75	0.043 0.096 0.124 1.140 0.171 0.630 0.054	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
1	55.34	56.31	I2J - DIORITE - Medium-grey, weakly foliated, fine-grained (1 mm) diorite dyke composed of 75% light grey PG, 15% BO and 10% EP; U/C oriented at 65° CA; L/C oriented at 60° CA								
1	56.31	58.30	V1 [PO] - PORPHYRITIC FELSIC VOLCANIC - Dark grey, weakly foliated, porphyritic felsic volcanic composed of 15 % anedral anedral FP phencrysts more or less oriented along foliation; and set in a fine-grained (0.5 mm) felsic groundmass composed PG, BO±CL and Tr of MG; EP+, CL+ and CB along fractures oriented and 25° and 41° CA; lower section								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			is SI+ and strongly fractured with intervals of grinded core; the underlying unit is strongly altered (SI-CL-CB-EP) and shows a brecciated aspect								
2	58.30	85.55	- MAIN UNIT CONTINUES - Weakly fractured unit; foliation oriented at 65° CA; weakly developed QZ veins and stringers - Samples: - J764837: Systematic sampling - J764838: QZ vein (tw 9 cm) with irregularly oriented contacts; any significant alteration on wallrocks - J764839: Systematic sampling - J764840: Systematic sampling	J764837 J764838 J764839 J764840	83.17 83.92 84.22 84.92	83.92 84.22 84.92 85.64	0.75 0.30 0.70 0.72	0.020 0.065 0.019 0.234	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
1	85.55	86.36	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Greenish grey, weakly foliated, fine-grained AM+ and weakly BO+ gabbro dyke; U/C oriented at 63° CA; L/C oriented at 60° CA - Sample: - J764841: Systematic sampling	J764841 J764842	85.64 86.29	86.29 86.59	0.65 0.30	0.040 0.032	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
2	86.36	86.52	- MAIN UNIT CONTINUES								
0	86.52	91.52	I1D - TONALITE - Medium-grey, weakly foliated (65° CA), medium-grained-grained (1 mm); composed of whitish PG and QZ (20-25%) and 10-15% BO±SR; Tr of disseminated PY-PO; intersected by fine-grained, slightly BO+, pluricentimetric wide, mafic dykelets; U/C oriented at 57° CA; L/C oriented at 61° CA - Samples: - J764842: Coarse-grained QZ±CB vein (tw 6	J764843 J764844 J764845	86.59 90.69 91.44	87.29 91.44 91.74	0.70 0.75 0.30	0.039 0.162 0.389	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			cm) oriented at 68° CA; located on contacts on fine-grained AM+ gabbro dyke and tonalite - J764843: Systematic sampling - J764844: Systematic sampling								
0	91.52	100.30	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Medium-grey to brownish grey, moderately foliated (64° CA), fine-grained (0.5 mm), SI+ and weakly SR+ partially recrystallized felsic volcanic / deformed tonalite; locally sheared, SI+ and PY+ (0.5-1%) with presence of reddish brown phologopite and very thin QZ stringers (<1 cm) oriented along S1 (65° CA); presence of centimetric wide, whitish bands with whitish PG and coarser-grained BO; intersected by 20% weakly foliated, fine-grained, AM+ and BO+ mafic dykelets (<50 cm); weakly fractured unit - Samples: - J764845: 2 coarse-grained QZ veins (tw 2 & 6 cm) oriented at 63° CA; Tr of PY and PO on wallrocks - J764846 & J764847: Systematic sampling - J764848: Coarse-grained QZ vein (tw 11 cm) weakly mineralized with PY-PO±CP; contacts oriented at 70° CA - J764849: Systematic sampling - J764850: Blank - J764851: Coarse-grained QZ vein (tw 4 cm) crosscutting felsic volcanic at 65° CA; Tr of SF - J764852: Systematic sampling	J764846 J764847 J764848 J764849 J764851 J764852	91.74 92.34 92.79 93.09 93.39 93.69	92.34 92.79 93.09 93.39 93.69 94.44	0.60 0.45 0.30 0.30 0.30 0.75	0.163 0.267 9.530 0.034 0.060 0.073	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0
1	99.12	99.90	DZ - DEFORMATION AND ALTERATION ZONE - Deformation and alteration zone affecting partially recrystallized felsic volcanic; comprises thin centimetric wide, fine-grained, altered and flattened greenish grey, strongly EP+ intermediate horizons interlayered with fine-grained quartzofeldspathic material; 0.5% PY; foliation varying from 65° to 70° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
2	99.90	100.30	- MAIN UNIT CONTINUES								
0	100.30	100.73	I2J [PO] - GREY PORPHYRITIC DIORITE - Medium grey, weakly foliated, porphyritic diorite dyke; composed of 30% PG phenocrysts (1-2 mm) set in a pale grey, fine-grained, intermediate groundmass with 10% BO; Tr of finely disseminated PY; contacts oriented at 65° CA								
0	100.73	110.09	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - As previously described; SI+; foliation oriented at 69° CA; weakly fractured								
1	100.73	101.83	DZ - DEFORMATION AND ALTERATION ZONE - Same as 99.12-99.90								
2	101.83	110.09	- MAIN UNIT CONTINUES - Samples: - J764853: Systematic sampling - J764854: Deformed QZ vein (tw estimated to 6 cm) crosscutting SI+ and weakly SR+ felsic volcanic at 75° CA; Tr PY-PO - J764855: Systematic sampling - J764858: Systematic sampling - J764859: Deformed QZ vein (2 cm) associated with 5% PO-PY±CP oriented at 20° CA - J764860: Systematic sampling	J764853 J764854 J764855 J764858 J764859 J764860	104.25 105.00 105.30 108.62 109.37 109.67	105.00 105.30 106.05 109.37 109.67 110.27	0.75 0.30 0.75 0.75 0.30 0.60	0.014 0.147 0.023 0.304 0.714 0.080	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0
0	110.09	111.67	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, thinly foliated (56° CA), very fine-grained to fine-grained (<0.5 mm) AM+	J764861 J764862	110.27 110.97	110.97 111.72	0.70 0.75	0.064 0.072	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			gabbro; Tr of disseminated SF aligned along foliation; U/C oriented at 46° CA; L/C oriented at 63° CA - Samples: - J76486 & J764862: Systematic sampling								
1	111.41	111.64	I2J - DIORITE - Brownish grey, fine-grained, diorite dykelet (16 cm) oriented along S1								
1	111.64	111.67	V1 - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC - As previously described								
0	111.67	112.43	AM+ I3A - ALTERED AMPHIBOLITIZED GABBRO DYKE - Dark green to brownish strongly BO+, CB+, PY+ (5%) and EP+, fine-grained (1 mm) gabbro - Sample: - J764863: As per above description	J764863	111.72	112.47	0.75	0.142	-1.00	-1.00	-1.0
0	112.43	113.00	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC - As previously described; SI+; foliation oriented at 67° CA; intersected by few fine-grained gabbro dykelets oriented along S1 - Sample: - J764864: Systematic sampling	J764864	112.47	113.25	0.78	0.040	-1.00	-1.00	-1.0
0	113.00	114.00	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Same as 111.67-112.43; 1% QZ stringers (< 1 cm) oriented along S1; 1% SF; BO+; EP+ - Sample: - J764865: Systematic sampling	J764865	113.25	114.00	0.75	0.138	-1.00	-1.00	-1.0
0	114.00	115.16	I2J - DIORITE - Brownish grey, fine-grained (1 mm), diorite dyke mainly composed of light grey PG and	J764866 J764867 J764868	114.00 114.30 114.66	114.30 114.66 115.16	0.30 0.36 0.50	0.179 0.137 0.106	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			20% BO±CL; Tr of disseminated SF (PO±PY); crosscutted by 1% QZ stringers and a coarse-grained QZ vein (5 cm) oriented at 69° CA; U/C oriented at 63° CA; L/C is irregularly oriented at 88° CA - Sample: - J764866: Coarse-grained QZ vein (5 cm) oriented at 68° CA - J764867 and J764868: Systematic sampling								
0	115.16	116.89	I1N Au - AURIFEROUS QUARTZ VEINS - 55% centimetric to pluridecimetric wide, strongly deformed, microfractured, pale grey, coarse-grained (0,5-1 cm) QZ veins hosted in strongly SI+ and SR+ sheared (45°-59° CA) felsic volcanic; weakly (0.5%) mineralized with PO and PY; with fine-grained, slighty to strongly BO+ gabbro intervals (<10 cm); veins are associated with a very low SF content (PO-PY±GA); few pinpoints of VG were observed on core surface at 115.84 (2 pinpoints) and at 116.80 (1 pinpoint). - Samples: - J764869: 3 QZ coarse-grained QZ veins intersected at 115.18-115.21, 115.24-115.40 and 115.57-115.64; hosted in strongly SI+ ad SR+ sheared zone; veins are oriented at 55° CA - J764870: 2 deformed coarse-grained QZ veins intersected from 115.80-115.82 and 115.83-116.12; 2 pinpoints of VG at 115.84; hosted is strongly SI+ and SR+ shear zone; mcrofractures oriented at 70° and 20° CA; contacts oriented at 67°-72° CA - J764871: Coarse-grained QZ vein intersected between 116.21-116.37; located on contact of a moderately BO+ fine-grained AM+ gabbro dykelet and strongly SI+ and SR+ shear zone crosscutted by 20% QZ veins (<4 cm) and stringers - J764872: Coarse-grained QZ vein followed from 116.60 to 116.80; U/C oriented at 56° CA; L/C oriented at 66° CA; one pinpoint of VG at 116.80; lower wallrocks is SI+, EP+ and CB+	J764869 J764870 J764871 J764872 J764873	115.16 115.66 116.11 116.56 116.87	115.66 116.11 116.56 116.87 117.37	0.50 0.45 0.45 0.31 0.50	-1.000 -1.000 -1.000 -1.000 0.200	0.61 1.76 0.79 10.05 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	116.89	119.00	AM+ I3A / V1 [I1D] - AMPHIBOLITIZED GABBRO DYKE / RECRYSTALLIZED FELSIC VOLCANIC - Heterogeneous unit comprises 60% dark green, thinly foliated (70° CA) AM+ gabbro crosscutting purplish grey, fine-grained felsic volcanic - Samples: - J764873: Systematic sampling - J764874: Systematic sampling - J764875: Standard	J764874	117.37	117.67	0.30	0.260	-1.00	-1.00	-1.0
				J764876	117.67	118.32	0.65	0.036	-1.00	-1.00	-1.0
1	117.69	118.39	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; contacts oriented at 72° CA - Sample: - J764876: Systematic sampling	J764877	118.32	118.72	0.40	0.475	-1.00	-1.00	-1.0
2	118.39	118.80	- MAIN UNIT CONTINUES - Samples: - J764877: Systematic sampling	J764878	118.72	119.02	0.30	-1.000	12.40	-1.00	-1.0
1	118.80	118.99	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey, coarse-grained, microfractured QZ veins (tw 17 cm) hosted in partially recrystallized felsic volcanic; microfractures oriented at 57° and 17° CA; Tr amount of PY; a speck (0.5 mm) of VG was observed at 118.94 within a fracture; U/C oriented at 61° CA; L/C oriented at 65° CA - Sample: - J764878: As per above description								
2	118.99	119.00	- MAIN UNIT CONTINUES								
0	119.00	123.00	DZ - DEFORMATION AND ALTERATION ZONE - Deformation and alteration zone affecting partially recrystallized felsic volcanic; comprises thin centimetric scale fine-grained,	J764879	119.02	119.52	0.50	0.043	-1.00	-1.00	-1.0
				J764880	119.52	120.27	0.75	0.015	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			altered and flattened greenish grey, strongly EP+ intermediate horizons interlayered with fine-grained quartzofeldspathic material; 0.5% PY; foliation varying from 63°CA - Samples: - J764879 to J764881: Systematic sampling								
1	120.14	120.46	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC - As previously described; foliation oriented at 67° CA	J764881	120.27	121.02	0.75	0.126	-1.00	-1.00	-1.0
2	120.46	121.80	- MAIN UNIT CONTINUES								
1	121.80	122.00	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, deformed, aphanitic to very fine-grained AM+ basalt layer; U/C oriented at 44° CA; L/C oriented 40° CA								
2	122.00	122.18	- MAIN UNIT CONTINUES								
1	122.18	122.80	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; with contacts oriented at 64° CA								
2	122.80	123.00	- MAIN UNIT CONTINUES - EOH at 123 m								

End of Lithology and Assays ;

Hole: AQ-10-103

Easting (mE):	661460.95	**Northing (mN):**	5994413.50	**Elevation:**	436.04
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	126.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: November 13, 2010 **Finished:** November 15, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 26.70 g/T Au over 0.40 m (32.60-33.00) and 7.59 g/T Au over 2.03 m (109.38-111.41)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	34.05	SR+ V1 - PARTIALLY RECRYSTALLIZED AND WEAKLY SERICITIZED FELSIC VOLCANIC - Pale grey to medium-grey to purplish grey, moderately to well foliated (65° CA), fine-grained (0,5-1 mm), weakly to moderately SI+ and SR+ felsic volcanic; mainly composed of PG and QZ, 2-10% finer-grained BO and minor amount CL; presence of reddish brown phlogopite associated with moderately SR+ felsic volcanic; plurimillimetric to pluricentimetric banding resulting from variation of BO content; presence of deformed QZ phenocrysts (2-5 mm); Tr of finely disseminated SF (PO-PY); <1% finely disseminated MG; weakly fractured; overall QZ veins and stringers are weakly developed. - Intersected by few (<1%) pluricentimetric to pluridecimetric wide, dark green, fine-grained AM+ mafic dykes, brownish grey, fine grained diorite and minor amount of porphyritic (AM/BO) diorite (e.g. 7.98-8.07) dykes - Samples: - J764856: Coarse-grained QZ vein (tw 4 cm) crosscutting fairly SR+ felsic volcanic at 45° CA; 1% PY - J764857: QZ-AM±BO±EP±GR alteration zone (11 cm) affecting felsic volcanic - J764882 to J764884: Systematic sampling	J764856 J764857 J764882 J764883 J764884	13.12 22.56 30.58 31.35 32.10	13.42 22.86 31.35 32.10 32.60	0.30 0.30 0.77 0.75 0.50	0.619 0.037 0.039 0.039 0.220	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
1	32.60	34.05	I1N Au - AURIFEROUS QUARTZ VEIN - Muscovite veins comprises three pale grey, coarse-grained QZ veins followed from 32.67-33.00, 33.20-33.43 and 34.00-34.03; hosted within brownish grey, SI+ and weakly SR+, CB+ and PY+ (3-5%) shear zone; veins are associated with a variable SF content (2-10% PO-PY±SP); contacts are generally oriented at 60° CA - Samples:	J764885 J764886 J764887	32.60 33.00 33.45	33.00 33.45 34.05	0.40 0.45 0.60	-1.000 0.302 1.340	-1.00 -1.00 -1.00	26.70 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J764885: Muscovite vein; as per general description; 2-10% SF - J764886: Muscovite vein; 5% SF on wallrocks; upper wallrock comprises dark green, very fine-grained, BO+ mafic dyke; contacts oriented at 60° CA - J764887: Muscovite vein; coarse-grained QZ vein intersected between 34.00-34.03; 10-15% PY on wallrocks; contacts are oriented at 55° CA - J764888 and J764889: Systematic sampling								
0	34.05	81.65	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit with banded and locally a marbred aspect; pale grey to medium grey, moderately to well foliated (63°-65° CA), fine-grained (0.5-1 mm) partially recrystallized felsic volcanic or deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amount CL, SR and EP; Tr-1% disseminated SF; SI+; 30-40% medium-grained, whitish pluricentimetric to decimetric wide bands (resulting from partial recrystallization) composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and 1-2% MG; 5-7% QZ phenocrysts (2-5 mm) forming streched eyes of very fine stringers along S1; overall QZ veins are weakly developed; <5% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) moderately to fairly BO+ and slightly EP+ gabbro dykes; weakly fractured unit	J764888 J764889	34.05 34.80	34.80 35.55	0.75 0.75	0.479 0.037	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	46.91	48.17	I2J - DIORITE - Medium-grey, poorly foliated, fine-grained (1 mm) diorite dyke composed of 75% light grey PG, 15% BO and 10% EP; U/C is fractured; L/C oriented at 40° CA - Sample:	J764890	47.42	48.17	0.75	0.043	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J764890: Systematic sampling								
1	48.17	48.46	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey, microfractured (63° and 12° CA), coarse-grained QZ vein (tw 7 cm) with Tr of PY-PO±GA filling microfractures; intersected from 48.22-48.30 m; hosted in strongly SI+ and weakly SR+ well foliated (56° CA) shear zone associated with 1% PY±PY; 4 pinpoints of VG were observed; presence of reddish brown phologopite; QZ stringer (1 cm) oriented at 56° CA; U/C oriented at 71° CA; L/C oriented at 56° CA - Sample: - J764891: As per above description	J764891	48.17	48.46	0.29	-1.000	3.78	-1.00	-1.0
2	48.46	73.26	- MAIN UNIT CONTINUES - Samples: - J764892: Systematic sampling - J764893: Systematic sampling; strongly SI+ shear zone affecting felsic volcanic; 5% PY±PO; foliation oriented at 64° CA - J764894: Systematic sampling - J764895: QZ vein oriented along foliation (65° CA); 0.5% PY±PY; wallrocks are SI+ and weakly SR+ - J764896: Systematic sampling - J764897: QZ vein (2 cm) oriented at 63° CA; intersecting contacts of brownish to greenish grey, porphyritic diorite dyke (21 cm) and recrystallized felsic volcanic; 2% SF on lower wallrock - J764898: Systematic sampling	J764892 J764893 J764894 J764895 J764896 J764897 J764898	48.46 53.15 61.25 62.00 62.40 63.37 63.67	49.21 53.90 62.00 62.40 63.37 63.67 64.44	0.75 0.75 0.75 0.40 0.97 0.30 0.77	0.015 0.092 0.152 1.745 0.047 0.015 0.046	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
1	73.26	74.50	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - 90% dark green, foliated (79° CA), medium-grained, weakly to fairly BO+ gabbro injected by 1% QZ veins (1 cm) and stringers; 10% felsic volcanic								
2	74.50	81.65	- MAIN UNIT CONTINUES - Grinded core interval from 77.55-78.00 m - Deformation zone intersected from 78.00-78.10								
0	81.65	85.36	I1D - TONALITE - Medium-grey, weakly foliated (65° CA), medium-grained-grained (1 mm); mainly composed of whitish PG and QZ (20-25%), 10-15% BO±SR; Tr of disseminated PY-PO; intersected by fine-grained, slightly BO+, pluricentimetric wide, mafic dykelets (5-14 cm) oriented along S1; contacts oriented along S1 - Samples: - J764999: Systematic sampling; 2 QZ stringers (0.5-1 cm) oriented at 57° CA (opposite to S1); 1% PY on wallrocks - J764900: Blank - J764901: Upper wallrock of Lingo vein; weakly SR+; presence of deformed QZ stringers(1 cm) transposed along S1	J764899 J764901	83.68 84.43	84.43 84.93	0.75 0.50	0.124 0.128	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	84.93	85.36	I1N Au - AURIFEROUS QUARTZ VEIN - LINGO 3 WEST VEIN - Pale grey, coarse-grained (0,5-1 cm), QZ veins followed from 84.93 to 35.36; CB filling fractures; minor amount of CL and EP; Tr amount of SF; microfractures oriented at very low angle to CA; 1 pinpoint of VG was observed at 84.98 m; U/C oriented at 58° CA; L/C oriented at	J764902	84.93	85.36	0.43	-1.000	2.85	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			66° CA - Sample: - J764902: As per above description								
0	85.36	122.50	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 34.05-81.65; with banded and locally a marbred aspect; 10-25% medium-grained, whitish pluricentimetric to decimetric wide bands composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and 1-2% MG; foliation varying from 50° to 70° CA; 10-20% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) gabbro dykes; weakly fractured unit								
1	85.36	86.92	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - 95% dark green, thinly foliated (56° CA), fine-grained AM+ and locally BO+ gabbro dyke intersected by 10% QZ veins (4-6 cm); 5% recrystallized felsic volcanic intervals; U/C oriented at 56° CA; L/C oriented at 58° CA - Samples: - J764903: 4 coarse-grained QZ veins (2-6 cm) crosscutting fine-grained mafic dyke at 65-70° CA; wallrocks locally BO+ - J764904: Systematic sampling	J764903 J764904 J764905	85.36 86.19 86.88	86.19 86.88 87.51	0.83 0.69 0.63	0.147 0.053 0.033	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
2	86.92	91.75	- MAIN UNIT CONTINUES - Samples: - J764905 & J764906: Systematic sampling - J764907: 2 deformed QZ veins (2 cm) and stringer (0.5 cm) intersecting SI+ and SR+ metafelsite at 56° CA; up to 3% PY on wallrocks - J764908 to J764910: Systematic sampling - J764911: Same as J764907; QZ vein (tw 7 cm) oriented at	J764906 J764907 J764908 J764909 J764910 J764911 J764912	87.51 88.01 88.31 89.06 89.67 90.42 90.72	88.01 88.31 89.06 89.67 90.42 90.72 91.47	0.50 0.30 0.75 0.61 0.75 0.30 0.75	0.033 0.187 0.060 0.029 0.142 0.047 0.492	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			70° CA; presence of pale rose anedral GR - J764912: Systematic sampling								
1	91.75	92.21	I2J [PO] - GREY PORPHYRITIC DIORITE - Medium grey, weakly foliated, porphyritic diorite dyke; composed of 40% PG phenocrysts (1-2 mm) set in a pale grey, fine-grained, intermediate groudmass with 10% BO; Tr of finely disseminated PY; U/C oriented at 68° CA; L/C oriented at 60° CA								
2	92.21	92.57	- MAIN UNIT CONTINUES								
1	92.57	93.98	DZ - DEFORMATION AND ALTERATION ZONE - Deformation and alteration zone affecting partially recrystallized felsic volcanic; comprises thin centimetric scale fine-grained, altered and flattened greenish grey, strongly EP+ fine-grained horizons interlayered with fine-grained quartzofeldspathic material; 0.5% PY; foliation oriented at 69° CA; presence of deformed and dismembered QZ stringers (<1 cm); U/C oriented at 41° CA; L/C oriented at 56° CA								
2	93.98	98.07	- MAIN UNIT CONTINUES								
1	98.07	98.51	DZ - DEFORMATION AND ALTERATION ZONE - Same as 92.57-93.98; foliation orieted at 75° CA								
2	98.51	106.46	- MAIN UNIT CONTINUES								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
1	106.46	107.66	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Dark green, thinly foliated (61° CA), fine-grained AM+ and BO+ gabbro dyke; 1% PY-PO aligned along S1; U/C oriented at 72° CA; L/C is fractured and partially grinded - Sample: - J764913: Systematic sampling	J764913	107.13	107.88	0.75	0.083	-1.00	-1.00	-1.0
2	107.66	108.53	- MAIN UNIT CONTINUES - Sample: - J764914: Systematic sampling	J764914	107.88	108.63	0.75	0.394	-1.00	-1.00	-1.0
1	108.53	111.16	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Same as 106.46-107.66; intersected by decimetric to pluridecimetric wide, coarse-grained QZ veins associated with up to 5% SF; hosts an auriferous QZ vein intersected from 110.90 to 111.00. - Sample: - J764915: Systematic sampling - J764916: Pale grey, coarse-grained QZ vein followed from 109.43 to 110.15; fairly fractured with broken core in pieces varying of 2-10 cm; fractures oriented at 53° and at low angle to CA; CB filing fractures; BO±PY±EP forming thin envelopes within veins;Tr to 5% SF (PO-PY±CP); presence of possible steel grey telluride filling fractures; minor amount of EP-CL; upper contact ntersected by a brownish grey, fine-grained dykelet; U/C oriented at 72° CA; L/C oriented at 82° CA - J764917: Systematic sampling - J764918: Deformed, microfractured, coarse-grained QZ vein (tw 9-12 cm) intersecting	J764915 J764916 J764917 J764918 J764923 J764919	108.63 109.38 110.18 110.51 110.81 111.11	109.38 110.18 110.51 110.81 111.11 111.41	0.75 0.80 0.33 0.30 0.30 0.30	0.029 6.660 1.365 0.765 -1.000 1.340	-1.00 -1.00 -1.00 -1.00 30.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			moderately BO+ and weakly PY+ medium-grained gabbro;Tr of SF; U/C oriented at 71° CA; L/C oriented at 33° CA - J764923: Deformed, microfractured, coarse-grained QZ vein (tw 10 cm) intersected from 110.90 to 111.00; moderately BO+ and weakly PY+ medium-grained gabbro;Tr f SF; 3 pinpoints of VG were observed close to the lower contact; U/C oriented at 40° CA; L/C oriented at 59° CA								
2	111.16	122.50	- MAIN UNIT CONTINUES - Samples: - J764919: Coarse-grained QZ vein (tw 6.5 cm) with Tr of PO-PYcrosscutting pale grey to purplish grey metafelsite associated with Tr to 5% PO aligned along S1 (70° CA) - J764920 to J764922: Systematic sampling - J764924: Systematic sampling; QZ±PY±PO vein (3 cm) oriented at 65° CA; in contact with a QZ-EP alteration zone (7 cm)	J764920 J764921 J764922 J764924	111.41 112.16 112.91 118.88	112.16 112.91 113.66 119.18	0.75 0.75 0.75 0.30	0.047 0.071 0.019 0.045	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	122.50	126.00	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (65° CA), aphanitic to very fine-grained AM+ basalt intersected by 1% QZ stringers (0.5 cm) oriented along S1; presence of anedral PG phenocrysts (2-5 mm); Tr of finely disseminated SF; U/C oriented at 58° CA - EOH at 126 m								

End of Lithology and Assays ;

Hole: AQ-10-104

Easting (mE):	661385.41	**Northing (mN):**	5994354.79	**Elevation:**	435.54
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	90.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: November 15, 2010 **Finished:** November 16, 2010 **Logged By:** R. Moar

Claim Number: CDC 3922 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	19.15	SR+ V1 - PARTIALLY RECRYSTALLIZED AND SERICITIZED FELSIC VOLCANIC - Pale grey to medium-grey, moderately to well foliated (60° CA), fine-grained (0,5-1 mm), weakly to moderately SR+ felsic volcanic; mainly composed of PG and QZ, 2-10% finer-grained BO and minor amount CL; presence of reddish brown phlogopite associated with moderately SR+ felsic volcanic; plurimillimetric to pluricentimetric banding resulting from variation of BO content; presence of deformed QZ phenocrysts (2-5 mm); Tr of finely disseminated SF (PO-PY); <1% finely disseminated MG; weakly fractured unit; overall QZ veins and stringers are weakly developed. - Intersected by few (<5%) pluricentimetric to pluridecimetric wide, dark green, fine-grained AM+ mafic dykes, brownish grey, fine grained diorite diorite dykelets - Samples: - J764926: Systematic sampling - J764927: 4 coarse-grained, deformed QZ veins (<2 cm) and stringers oriented at 68° CA; SI+ and SR+ wallrocks associated with 3% PY - J764928: Purplish grey, SI+ and weakly SR+ shear zone associated with 2% PO-PY; presence of CB - J764929: 3 coarse-grained strongly deformed QZ veins (2-4 cm) crosscutting recrystallized felsic volcanic at 60° CA; SI+, SR+ and PY+ (7%) wallrocks	J764926 J764927 J764928 J764929	13.15 13.90 14.40 18.58	13.90 14.40 14.90 18.88	0.75 0.50 0.50 0.30	0.375 0.385 0.133 0.360	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	19.15	90.00	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit with banded and locally a marbred aspect; pale grey to medium grey, moderately to well foliated (63°-65° CA), fine-grained (0.5-1 mm) partially								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			recrystallized felsic volcanic or deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amount CL, SR and EP; Tr-1% disseminated SF; SI+; 30-60% medium-grained, whitish pluricentimetric to decimetric wide bands (resulting from partial recrystallization) composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and 1-2% MG; 5-7% QZ phenocrysts (2-5 mm) forming streched eyes of very fine stringers along S1; overall QZ veins are weakly developed; 5% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) moderately to fairly BO+ and slightly EP+ gabbro dykes; weakly fractured								
1	27.64	29.03	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - 95% dark green, weakly foliated; fine-grained AM+ gabbro dyke; U/C oriented at 75° CA; L/C oriented at 72° CA								
2	29.03	34.99	- MAIN UNIT CONTINUES								
1	34.99	35.15	I2I [PO] - GREY PORPHYRITIC DIORITE - Medium grey, weakly foliated, porphyritic diorite dyke; composed of 40% PG phenocrysts (1-2 mm) set in a pale grey, fine-grained, intermediate groudmass with 10% BO; Tr of finely disseminated PY; U/C oriented at 60° CA; L/C oriented at 73° CA								
2	35.15	35.65	- MAIN UNIT CONTINUES								
1	35.65	35.93	I2I [PO] - GREY PORPHYRITIC DIORITE - Same as 34.99-35.12								
2	35.93	61.23	- MAIN UNIT CONTINUES - Foliation oriented at 67° CA;	J764930 J764931	41.44 59.34	41.94 60.09	0.50 0.75	0.680 0.079	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			weakly fractured unit (30°, 63° and locally at 15° CA and ondulating along CA) - Samples: - J764930: QZ±CB±CL±EP vein (tw min 3 cm) crosscutting recrystallized felsic volcanic at 12° CA;0.5% PY; with deformed QZ vein (tw 4 cm) with Tr of PY - J764931: Systematic sampling - J764932: Lingo 3 West vein; pale grey, coarse-grained QZ vein (tw 11 cm) crosscutting SI+ and weakly SR+ purplish grey metafelsite - shear zone (30 cm); minor amount CB filing microfractures (8°, 25° and 69° CA); SR forming thin envelopes within vein; Tr to 1% PO-PY - J764933: Systematic sampling	J764932	60.09	60.47	0.38	0.137	-1.00	-1.00	-1.0
				J764933	60.47	61.22	0.75	0.034	-1.00	-1.00	-1.0
1	61.23	63.25	AM+ V3B / I3A - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (68° CA), very fine to fine-grained AM+ basalt interlayered with coarser-grained intervals; up to 5% anedral (2-6 mm) sligtly EP+ PG phenocrysts; weakly to fairly BO+; presence of CB filling fractures; 0.5 % finely disseminated SF aligned along S1; <1% QZ stringers transposed along S1; U/C oriented at 70° CA; L/C trending at 25° CA								
2	63.25	90.00	- MAIN UNIT CONTINUES - Foliation oriented at 60° CA; weakly fractured unit ; deformation zone with brecciared aspect varying from 30 to 60 cm along CA and intersected from 78.68-78.93 & 80.07-80.69; intersected by	J764934	66.02	66.77	0.75	0.435	-1.00	-1.00	-1.0
				J764935	66.77	67.17	0.40	0.167	-1.00	-1.00	-1.0
				J764936	67.17	67.92	0.75	0.140	-1.00	-1.00	-1.0
				J764937	67.92	68.67	0.75	0.167	-1.00	-1.00	-1.0
				J764938	68.67	69.34	0.67	0.076	-1.00	-1.00	-1.0
				J764939	69.34	69.99	0.65	0.143	-1.00	-1.00	-1.0
				J764940	69.99	70.74	0.75	0.150	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			an aphanitic to very fine-grained intermediate dyke (78.92-79.27) - Samples: - J764934: Systematic sampling - J764935: QZ vein (4.5 cm) oriented at 70° CA; QZ-EP--SR-CL-PY (1-5%) alteration zone (21 cm) - J764936 to J764938: Systematic sampling - J764939: Same as J764935; 10 cm QZ±PO±PY vein oriented at 65° CA with SI-CB-EP-CL-PY (5%) alteration on wallrocks; QZ-SF (1% PO-PY) vein (tw 10 cm) crosscutting SI+ and SR+ purplish grey metafelsite at 66° CA - J764940: Systematic sampling - EOH at 90.00 m								

End of Lithology and Assays ;

Hole: AQ-10-95

Easting (mE):	661457.70	**Northing (mN):**	5994413.60	**Elevation:**	435.13
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	111.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: October 29, 2010 **Finished:** October 31, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☐

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: Casing pulled out; 11.70 g/T Au over 0.66 m (86.11-86.77)

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.68	OV - OVERBURDEN - 12' of NW casing pulled out								
0	3.68	34.50	SR+ V1 - SERICITIZED FELSIC VOLCANIC - Pale grey, well foliated (65° CA), very fine-grained (0,25-0.50 mm), SR+ felsic volcanic; mainly composed of PG and QZ, 5-7% BO and minor amount of CL; Tr of finely disseminated SF (PO-PY); moderately SR+; weakly fractured at 5-10° CA with EP ±CB filling; intersected by few fine-grained (1 mm) AM+ and BO+ mafic dykelets (<20 cm) oriented along S1 and medium-grained (1-2 mm) diorite dykelets (<10 cm) crosscutting S1; locally sheared, EP+ and SR+ with 0.5-1% PY; overall QZ veins are poorly developed. - Samples: - J764000: Systematic sampling - J764001: Well foliated (63° CA), sheared felsic volcanic; SI+ and weakly SR+; Tr-2% PY - J764002: Same as J764001; Tr of finely PY - J764003: Same as J76400; EP+; up to 2% PO-PY; microfractured QZ vein (tw 2 cm) oriented at 66° CA	J764000 J764001 J764002 J764003	30.50 31.50 32.50 33.50	31.50 32.50 33.50 34.50	1.00 1.00 1.00 1.00	0.150 0.182 0.169 0.318	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	34.50	35.45	I1N - MUSCOVITE QUARTZ VEIN - Pale grey, coarse-grained (0,5-1 cm) deformed and microfractured QZ-CB vein; wallrocks are strongly SR+ and SI+; minor amount of EP and CL; associated with 0.5-1% PY-PO; up to 10% SP filling fractures; intersected a fine-grained diorite dykelet (7 cm oriented at 66° CA); U/C oriented at 65° CA; L/C oriented at 60° CA - Samples: - J764004: As per above description	J764004	34.50	35.50	1.00	1.475	-1.00	-1.00	-1.0
0	35.45	36.25	SR+ V1D - SERICITIZED FELSIC VOLCANIC - As previously described - Samples: - J764005: 3 QZ veins (1-4 cm) oriented at	J764005	35.50	36.50	1.00	1.020	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			65° CA associated with SI+ and SR+ shear zone; lower wallrock of Muscovite vein; <1% SF - J764006 and J764007: Systematic sampling								
0	36.25	74.43	V1 [I1D] - FELSIC VOLCANIC / SHEARED TONALITE - Light grey to medium grey, weakly to well foliated (65° CA); banded aspect; fine-grained (0,5-1 mm) tonalite; mainly composed of QZ (35%) and PG, 5-7% brownish black BO and minor amount of SR and EP; Tr-2% disseminated MG; Tr of finely disseminated SF; presence of pale grey to whitish centimetric wide bands with whitish PG and coarser-grained BO; QZ forming thin stringers (<5 mm) or eyes (<5mm) elongated along S1; intesected by <5% fine-grained (1 mm) intermediate dykes varying from a few centimeters to a meter wide; weakly fractured unit at low angle to CA with CL-EP filling. - Samples: - J764008: Systematic sampling - J764009: Fractured QZ±CL vein (17 cm) with minor amount of PY; no significant alteration on wallrocks; U/C at 43° CA; L/C at 65° CA - J764010: SI+ and SR+ shear zone (23 cm along CA) oriented at 68° CA; 50% grey, deformed, coarse-grained QZ veins (tw 1-3 cm) associated with up to 10% PO and PY - J764011: Systematic sampling	J764006 J764007 J764008	36.50 37.50 38.50	37.50 38.50 39.50	1.00 1.00 1.00	-0.005 0.021 0.036	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	39.15	39.67	I2J - DIORITE DYKE - Greenish grey, weakly foliated, fine-grained (1 mm) intermediate dyke; composed of light grey PG, BO, CL; contacts oriented 64° CA	J764009	39.50	40.00	0.50	0.048	-1.00	-1.00	-1.0
2	39.67	47.41	- MAIN UNIT CONTINUES	J764010 J764011	40.00 40.50	40.50 41.25	0.50 0.75	0.294 0.202	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	47.41	48.87	I2J - DIORITE - Same as 39.15-39.67; U/C at 55° CA (crosscutting S1); L/C oriented	J764012	47.87	48.87	1.00	0.016	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			at 62° CA - Sample: - J764012: Systematic sampling								
2	48.87	74.43	- MAIN UNIT CONTINUES - Samples: - J764013: Light grey, coarse-grained QZ vein (20 cm along CA) with Tr of PY and PO; U/C oriented at 50° CA; L/C oriented at 58° CA; lower wallrock is strongly SI+, weakly SR+ with minor amount of BO and 7% PY - J764014: Systematic sampling	J764013 J764014	48.87 49.37	49.37 50.37	0.50 1.00	1.200 0.080	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	74.43	77.08	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Dark greyish green, weakly foliated (65° CA), medium-grained (1-2 mm) gabbro dyke; composed of 60% AM, 10% BO and 30% light grey PG; Tr of disseminated PY-PO; intersected by few QZ vein (<2 cm) oriented at 40° and 65° CA; contacts oriented at 60° CA								
0	77.08	86.11	V1 [I1D] - FELSIC VOLCANIC / SHEARED TONALITE - Same as 36.25-74.43; marbred aspect; deformed and SI+; foliation trending at 60° CA - Samples: - J764015 to J764017: Systematic sampling - J764018:QZ vein (2-3 cm) oriented at 62° CA - J764019: Systematic sampling	J764015 J764016 J764017 J764018 J764019	82.61 83.36 84.36 85.11 85.61	83.36 84.36 85.11 85.61 86.11	0.75 1.00 0.75 0.50 0.50	0.016 0.054 0.084 0.146 0.090	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
0	86.11	86.77	I1N Au - AURIFEROUS QUARTZ VEIN - LINGO VEIN - Pale grey, coarse-grained (0,5-1 cm), microfractured QZ vein; upper section is associated with 5-7% SF (PO-CP-PY); presence of CL-EP and CB; crosscutting a strongly BO+ and moderately PY+ (3-5%) fine-grained gabbro dykes forming thin envelopes	J764020	86.11	86.77	0.66	-1.000	11.70	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			(1-3 cm) within the vein; 2 specks of VG were observed at 86.39 m; U/C oriented at 58° CA; L/C oriented at 63° CA - Sample: - J764020: As per above description								
0	86.77	92.63	V1 [I1D] - FELSIC VOLCANIC / SHEARED TONALITE - Same a 36.25-74.43; intersected by 60% fine-grained, slightly BO+, decimetric to pluridecimetric wide, mafic dykes; and few pluricentimetric wide coarse-grained QZ veins weakly mineralized with SF - Samples: - J764021 and J764022: Systematic sampling; foliation oriented at 60° CA - J764023: Deformed QZ vein (tw 5 cm) oriented at 70° CA; up to 5% PY - J764024: Systematic sampling - J764025: Standard - J764026: Coarse-grained, microfractured QZ vein (tw 4 cm) oriented at 60° CA; Tr of PY - J764027: Deformed, lenticular, deformed QZ vein (6 cm) associated with 2% PY filing microfractures - J764028 & J764029: Systematic sampling - J764030: QZ vein (tw 4.5 cm) in contact with a fine-grained gabbro and a deformed tonalite; vein oriented at 50° CA	J764021 J764022 J764023 J764024 J764026 J764027 J764028 J764029 J764030	86.77 87.27 88.00 88.70 89.60 90.00 90.65 91.40 92.15	87.27 88.00 88.70 89.60 90.00 90.65 91.40 92.15 92.65	0.50 0.73 0.70 0.90 0.40 0.65 0.75 0.75 0.50	0.373 0.294 0.103 0.030 0.035 0.040 0.033 0.038 0.018	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
0	92.63	92.99	I2J - GREY DIORITE DYKE - Medium grey, weakly foliated (65° CA), medium-grained (2 mm) diorite dyke; composed of mainly composed of pale grey PG and 10% finer-grained BO; Tr of finely disseminated PY; sharp contacts oriented at 65° CA	J764031	92.65	93.40	0.75	0.064	-1.00	-1.00	-1.0
0	92.99	108.74	V1 [I1D] - FELSIC VOLCANIC / SHEARED TONALITE - Same as 36.25-74.43; intersected by 10% fine-grained (1 mm) intermediate dykes varying from 5 to 30 cm; foliation oriented 52-59° CA; weakly fractured unit; poorly developped QZ veins								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	108.74	110.80	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Greyish green, weakly foliated (38° CA), medium-grained (1-2 mm) AM+ gabbro dyke; composed of 60% of mafic minerals (CL+ AM±BO) and 40% light grey PG; Tr finely disseminated PY of finely aligned along S1; intersected by a brownish grey, fine-grained (0,5 mm) diorite dykes (8 cm); QZ vein (3 cm) on upper contact; any significant mineralization or alteration; U/C oriented at 45° CA; BO+ and PY+ (5%); L/C oriented at 45° CA								
0	110.80	111.00	V1 [I1D] - FELSIC VOLCANIC / SHEARED TONALITE - As previously described - EOH at 111.00 m; casing pulled out								

End of Lithology and Assays ;

Hole: AQ-10-96

Easting (mE):	661454.73	**Northing (mN):**	5994413.34	**Elevation:**	435.80
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	111.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: October 31, 2010 **Finished:** November 01, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 5 m of NW casing left in place; 66.60 g/T Au over 0.20 m (86.00-86.20) & 6.72 g/T Au over 0.40 m (104.29-104.69)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	5.00	OV - OVERBURDEN - 5 m of casing left in place								
0	5.00	39.23	V1 - FELSIC VOLCANIC - Pale grey to medium-grey, well foliated (55°-60° CA), fine-grained (0.5-1 mm), weakly SR+ partially recrystallized felsic volcanic; mainly of PG and QZ, Tr-7% BO with minor amount of SR (2-5%) and CL; 5-10% QZ phenocrysts (2-5 mm) forming eyes or very thin stringers elongated along S1; Tr of finely disseminated SF (PO-PY) and MG; intersected by pluricentimetric to decimetric wide QZ veins weakly mineralized with SF; weakly fractured at low angle to CA with CB-EP filling; intersected by <5% few fine to medium-grained (1-2 mm) intermediate and mafic dykelets (<25 cm). - Samples: - J764058: SI+, EP+, CB+ shear zone (45 cm along CA) with minor amount of SR and CL; QZ stringers (<1 cm) associated with 5% PY - J764032: Systematic sampling - J764033: QZ-CB-EP-CL alteration zone (16 cm along CA); 3% PY - J764034 to J764036: Systematic sampling - J764037: QZ vein (tw 4 cm) oriented at 74° CA; 2% PY on wallrocks - J764038 to J764040: Systematic sampling - J764041: QZ-CB vein (tw 4 cm) oriented at 60° CA; 3% PO-PY; sheared wallrocks - J764042: Systematic sampling - J764043: Systematic sampling; foliation oriented at 58° CA - J764044: QZ vein (tw 4 cm) oriented at 64° CA; 2% PY on walrocks; foliation varying from 22° to 60° CA - J764045 & J764046: Systematic sampling - J704047: 3 Q±CB veins (tw 4-14 cm) oriented at 56° CA; 5% PY; strongly SI+ wallrocks - J704048 & J704049: Systematic sampling - J704050: Standard - J704051:Muscovite vein; QZ±CB vein (tw 10 cm) oriented at 57° CA and associated with	J764058 J764032 J764033 J764034 J764035 J764036 J764037 J764038 J764039 J764040 J764041 J764042 J764043 J764044 J764045 J764046 J764047 J764048 J764049 J764051 J764052 J764053 J764054 J764055 J764056 J764057	6.50 14.90 15.90 16.40 17.15 17.90 18.90 19.40 20.40 21.00 21.67 22.17 30.45 31.20 31.60 32.30 32.70 33.10 33.80 34.30 34.70 35.35 36.15 37.15 38.15 38.55	7.10 15.90 16.40 17.15 17.90 18.90 19.40 20.40 21.00 21.67 22.17 23.17 31.20 31.60 32.30 32.70 33.10 33.80 34.30 34.70 35.35 36.15 37.15 38.15 38.55 39.30	0.60 1.00 0.50 0.75 0.75 1.00 0.50 1.00 0.60 0.67 0.50 1.00 0.75 0.40 0.70 0.40 0.40 0.70 0.50 0.40 0.65 0.80 1.00 1.00 0.40 0.75	0.418 0.131 0.022 4.630 0.530 0.383 2.010 0.055 0.071 0.047 1.550 0.119 0.104 0.176 0.332 1.570 0.966 0.136 0.111 0.096 0.293 0.130 0.051 0.069 2.750 0.015	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			3% SP-PY ; upper wallrock is SR+ and SI+ over 4 cm; lower wallrock consists of strongly CL+ and moderately BO+ mafic dyke (17 cm) intersected by a QZ vein (2-7 cm) oriented at 55° CA - J704052: QZ vein (tw 4 cm) oriented at 70° CA; wallrocks are sheared, SI+ and SR+ - J704053 to J704055: Systematic sampling - J704056: QZ vein (tw 13 cm) trending at 35° CA; Tr of PY - J704057: Systematic sampling; 3 fine-grained diorite dykes (9-31 cm) oriented at 59° CA crosscutting strongly SI+ metafelsite								
0	39.23	74.75	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit with less developed foliation and characterized by a banded and marbred aspect; pale grey to medium grey, weakly to well foliated (60°-65° CA), medium-grained (0.5-1 mm) tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amont CL, SR and EP; Tr-1% disseminated MG; SI+; presence of whitish pluricentimetric bands (resulting from partial recrystallization?) composed of whitish PG, QZ and coarser-grained BO; QZ forming eyes (2-5 mm) or thin elongated stringers transposed along S1; Tr of disseminated PY; weakly developed QZ veins; weakly fractured at 10°, 30° and parallel to S1; <5% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) moderately to fairly BO+ and slightly EP+ gabbro dykes; porphyritic diorite dykelets with CL+ AM phenocrysts (2-3 mm) were observed at 54.30-54.35 and 63.61-63.84 - Samples: - J764059: Systematic sampling - J764060: QZ vein (8 cm) with Tr of PY and PO; contacts oriented at 52° CA - J764061: Systematic sampling	J764059 J764060 J764061	48.00 48.75 49.15	48.75 49.15 49.90	0.75 0.40 0.75	0.098 0.642 0.072	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	74.75	76.60	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Dark green, weakly foliated (60° CA), medium-grained (1-2 mm) gabbro dyke; composed of 60% AM, 10% BO and 30% light grey PG; Tr of disseminated PY-PO; weakly to moderately BO+; intersected by few QZ±CL±EP±PY veins (<2 cm) oriented along S1; contacts oriented at 60° CA; crosscutted by few greyish green, aphanitic to very fine-grained, intermediate dykes (1-30 cm) oriented along S1 (e.g. 76.63-76.93)								
0	76.60	86.08	V1 [I1D] - FELSIC VOLCANIC / TONALITE - Same as 39.23-74.75; foliation oriented at 63° CA; weakly fractured unit; intersected by 5% fine-grained AM+ mafic dykes (4-40 cm); weakly developed QZ veins and stringers - Samples: - J764062 to J764065: Systematic sampling	J764062 J764063 J764064 J764065 J764066	83.25 84.00 84.75 85.50 86.00	84.00 84.75 85.50 86.00 86.20	0.75 0.75 0.75 0.50 0.20	0.094 0.026 0.054 0.257 -1.000	-1.00 -1.00 -1.00 -1.00 66.60	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
0	86.08	86.16	I1N Au - LINGO AURIFEROUS QUARTZ VEIN - Grey, coarse-grained, deformed QZ vein (tw 7 cm) with minor amount of SR, CB and PY; hosted in a fine-grained mafic dykes with strongly BO+ and PY+ (7%) contacts; 4 specks (0.3 mm) and some 20 tiny pinpoints of VG were observed close to the lower contact; U/C oriented at 45° CA; L/C oriented at 75° CA - Sample: - J764066: As per above description								
0	86.16	90.96	V1 [I1D] - FELSIC VOLCANIC / TONALITE - Same as 76.60-86.08; foliation oriented at 58° CA - Samples: - J764067 to J764070: Systematic sampling - J764071: Grey, coarse-grained QZ vein (tw 11 cm) intersected from 88.91-89.05 and oriented at 68° CA; 0.5% PY-PO filling fractures; minor amount of CL and EP; hosted in a moderately BO+ and weakly PY+ and EP+ mafic dyke (63 cm) with contacts oriented at 72° CA - J764072 to J764074: Systematic sampling	J764067 J764068 J764069 J764070 J764071 J764072 J764073 J764074	86.20 86.75 87.50 88.32 88.82 89.12 89.62 90.37	86.75 87.50 88.32 88.82 89.12 89.62 90.37 91.23	0.55 0.75 0.82 0.50 0.30 0.50 0.75 0.86	0.031 0.044 0.037 0.070 0.126 0.031 0.032 0.028	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J764075: Standard								
0	90.96	91.47	I2J - GREY DIORITE DYKE - Medium grey, weakly foliated (51° CA), medium-grained (2 mm) diorite dyke; mainly composed of pale grey PG and 10% finer-grained BO; Tr of finely disseminated PY; sharp contacts oriented at 60° CA - Sample: - J764076: Systematic sampling	J764076	91.23	91.73	0.50	0.018	-1.00	-1.00	-1.0
0	91.47	109.09	V1 [I1D] - FELSIC VOLCANIC / TONALITE - As previously described; weakly developped QZ veins and stringers; with minor EP+ and deformed intervals associated with 1-5% SF (PY-PO); foliation oriented at 72° CA; weakly fractured unit - Samples: - J764077: Grey coarse-grained QZ vein (tw 14 cm) intersected from 91.83-91.96 and oriented at 74° CA; Tr-1% PY; minor amount of CL and EP - J764078 & J764079: Systematic sampling - J764080: QZ vein (tw 2 cm) oriented at 65° CA - J764081: Systematic sampling - J764082: Same as J764080 - J764083: Systematic sampling - J764084: QZ vein (tw 3-4 cm) oriented at 75° CA; lower wallrock is strongly EP+ and weakly PY+ (5%) - J764085: Deformed and EP+ felsic volcanic / tonalite associated with up to 5% PY and PO - J764086: Deformed and EP+ felsic volcanic / tonalite intersected by a QZ vein (tw 3 cm) oriented at 75° CA - J764087: QZ vein (tw 5 cm) oriented at 70° CA; Tr of PY and PO; fracture at 10° CA with CB filling	J764077 J764078 J764079 J764080 J764081 J764082 J764083 J764084 J764085 J764086 J764087	91.73 92.03 92.53 93.23 93.63 94.23 94.63 97.98 101.30 101.80 104.29	92.03 92.53 93.23 93.63 94.23 94.63 95.38 98.38 101.80 102.30 104.69	0.30 0.50 0.70 0.40 0.60 0.40 0.75 0.40 0.50 0.50 0.40	0.036 0.040 0.010 0.011 0.014 0.042 0.009 0.046 0.203 0.052 8.610	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 7.02	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 4.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
0	109.09	111.00	AM+ I3A - AMPHIBOLITIZED GABBRO - Unit mainly composed of dark green, foliated 450° CA), medium-grained (1-2 mm) gabbro; BO+, CL+ and locally EP+; 1-3% PY-								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			PO; with deformed QZ stringers; with few felsic volcanic / tonalite intervals (<4 cm) - EOH at 111.00 m								

End of Lithology and Assays ;

Hole: AQ-10-97

Easting (mE):	661451.98	**Northing (mN):**	5994413.27	**Elevation:**	435.24
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	111.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: November 1, 2010 **Finished:** November 3, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☐

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 4 m of casing pulled out

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ROGER MOAR #733
QUÉBEC

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.45	OV - OVERBURDEN - 4 m of NW casing pulled out								
0	3.45	38.67	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC - Pale grey to medium-grey, moderately to well foliated (banding) (63°-65° CA), fine-grained (0.5-1 mm), SI+ and weakly SR+ partially recrystallized felsic volcanic; mainly composed of PG and QZ, Tr-7% BO and minor amount of SR (2-5%) and CL; 5-10% QZ phenocrysts (2-5 mm) forming eyes of very thin stringers elongated along S1; Tr of finely disseminated SF (PO-PY) and MG; locally sheared and SI+ with presence of reddish brown phlogopite; intersected by pluricentimetric to decimetric wide QZ veins weakly mineralized with SF; weakly fractured at low angle to CA with CB-EP filling; intersected by <5% fine to medium-grained (1-2 mm) mafic dykelets (<25 cm). - Interval from 12.45 to 13.90 is fairly fractured with fractures oriented at low angle to CA and 15° and 38° CA - Presence of pale beige to greenish beige, moderately SR+ and weakly EP+ intervals (24.23-25.38, 26.73-27.27 & 27.79-28.52) with Tr amount of BO; foliation oriented at 64° CA - Several QZ veins (<20 cm) with disseminated SF (1-7%) were intersected from 31.73 to 36.20 m								
1	4.14	4.56	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Dark greenish grey, weakly foliated, fine-grained AM+ gabbro dyke; Tr of finely disseminated PY; U/C oriented at 60° CA; L/C oriented at 65° CA								
2	4.56	5.49	- MAIN UNIT CONTINUES								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
1	5.49	6.24	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described								
2	6.24	38.67	- MAIN UNIT CONTINUES - Samples: - J764088: Systematic sampling - J764089: QZ-EP±BO±CL±GR alteration zone / vein (tw 4 cm) oriented at 67° CA; 1% PY - J764090 to J764092: Systematic sampling - J764093: QZ vein (tw 8 cm) with Tr of PY oriented at 66° CA; 5% PY on lower wallrock; hosted in SR+ felsic volcanic - J764094: Systematic sampling - J764095: Systematic sampling - J764096: Fractured, coarse-grained QZ vein (estimated tw 13 cm) with contacts oriented at 58° CA; followed from 31.73 to 31.92 along CA; 1% PY-PO filling fractures; SI+ and SR+ wallrocks - J764097 & J764098: Foliation oriented at 56° CA - J764099: Coarse-grained QZ vein (estimated tw 20 cm) crosscutting well foliated felsic volcanic at 65° CA; vein associated with 2-3% PY±PO and Tr of SP; wallrocks are SI+ and SR+ with 1% PY; vein followed from 33.60 to 33.80 - J764100: Blank - J764101 & J764102: Systematic sampling - J764103: 2 coarse-grained QZ veins (4 & 6 cm) oriented at 65° CA; 1% PY-PO±SP; fairly SI+ and weakly SR+	J764088 J764089 J764090 J764091 J764092 J764093 J764094 J764095 J764096 J764097 J764098 J764099 J764101 J764102 J764103 J764104 J764105 J764106	15.21 15.96 16.36 17.11 17.91 18.77 19.17 30.85 31.60 32.00 32.75 33.51 33.91 34.52 35.15 35.55 36.05 36.45	15.96 16.36 17.11 17.91 18.77 19.17 19.92 31.60 32.00 32.75 33.51 33.91 34.52 35.15 35.55 36.05 36.45 37.25	0.75 0.40 0.75 0.80 0.86 0.40 0.75 0.75 0.40 0.75 0.76 0.40 0.61 0.63 0.40 0.50 0.40 0.80	0.055 0.284 0.057 0.205 0.114 0.189 0.246 0.130 0.648 0.117 0.068 1.795 0.153 0.201 0.525 0.605 0.480 0.029	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			wallrocks; foliation oriented at 63° CA; veins hosted on contact of SI+ and SR+ felsic volcanic and strongly CL+ and BO+ mafic dykes - J764104: Strongly deformed QZ vein (tw 2.5 cm) associated with 7% PY - J764105: Same as J764104; 7-10% PY-PO-SP - J764106: Systematic sampling								
0	38.67	75.70	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit; less foliated with banded and marbred aspect; pale grey to medium grey, poorly to well foliated (60°-65° CA), fine-grained (0.5-1 mm) partially recrystallized felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amont CL, SR and EP; Tr-1% of disseminated MG; SI+; presence of whitish pluricentimetric bands (resulting from partial recrystallization?) composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and MG; QZ forming eyes (2-5 mm) or thin elongated stringers transposed along S1; Tr of disseminated PY; overall QZ veins are weakly developed; weakly fractured unit; <5% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) moderately to fairly BO+ and slightly EP+ gabbro dykes; and few porphyritic diorite dykelets with CL+ AM phenocrysts (2-3 mm) (e.g. 68.39-68.58).								
1	43.88	44.82	I2J - DIORITE - Dark grey, weakly foliated (53° CA), fine-grained (1 mm) diorite dyke; mainly composed of grey PG, 15-20% BO and minor amount of EP; Tr of PY; sharp contacts oriented at 63° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
2	44.82	52.81	- MAIN UNIT CONTINUES - Samples: - J764107 to J764110: Systematic sampling - J764111: Light grey, coarse-grained QZ vein followed from 49.30 to 49.64; 1-7% PY-PO-CP-SP; hosted in well foliated SI+ felsic volcanic; U/C oriented at 63° CA; L/C oriented at 68° CA - J764112: to J764114: Systematic sampling - J764115: QZ vein (4 cm) oriented at 70° CA - J764116: Systematic sampling; foliation oriented at 66° CA	J764107	46.95	47.70	0.75	0.064	-1.00	-1.00	-1.0
				J764108	47.70	48.25	0.55	0.042	-1.00	-1.00	-1.0
				J764109	48.25	48.75	0.50	0.069	-1.00	-1.00	-1.0
				J764110	48.75	49.25	0.50	0.152	-1.00	-1.00	-1.0
				J764111	49.25	49.65	0.40	1.370	-1.00	-1.00	-1.0
				J764112	49.65	50.40	0.75	0.054	-1.00	-1.00	-1.0
				J764113	50.40	51.15	0.75	0.022	-1.00	-1.00	-1.0
				J764114	51.15	51.55	0.40	0.038	-1.00	-1.00	-1.0
				J764115	51.55	52.00	0.45	0.087	-1.00	-1.00	-1.0
				J764116	52.00	52.75	0.75	0.015	-1.00	-1.00	-1.0
1	52.81	54.15	I2J [PO] - PORPHYRITIC DIORITE - Porphyritic diorite with 5-10% anedral PG phencrysts set in a very fine-grained intermediate groundmass; 10% BO±CL; Tr of disseminated PY; U/C oriented at 68° CA; L/C oriented at 66° CA								
2	54.15	75.70	- MAIN UNIT CONTINUES - Samples: - J764117: Systematic sampling - J764118: Coarse-grained QZ±EP±CB vein (tw 5 cm) crosscutting sheared and SI+ mefelsite at 70° CA; Tr of PY - J764119: Same as J764118; 3 QZ veins and stringers (tw 0.5-2 cm) oriented at 31°, 65° (opposite to S1) and 64° CA; SI+ - J764120 to J764122: Systematic sampling; SI+ and slightly EP+ recrystallized felsic volcanic / deformed crosscutted by <1% deformed	J764117	63.88	64.63	0.75	0.013	-1.00	-1.00	-1.0
				J764118	64.63	65.03	0.40	0.656	-1.00	-1.00	-1.0
				J764119	65.03	65.78	0.75	0.063	-1.00	-1.00	-1.0
				J764120	69.00	70.00	1.00	0.039	-1.00	-1.00	-1.0
				J764121	70.00	71.00	1.00	0.040	-1.00	-1.00	-1.0
				J764122	71.00	72.00	1.00	0.020	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			QZ stringers (0.5-1 cm) weakly mineralized with PY and transposed along S1 (73° CA)								
0	75.70	78.66	AM+ V3B / I3A - AMPHIBOLITIZED BASALT / GABBRO - Dark green, weakly foliated (61° CA), medium-grained (1-2 mm) AM+ and CL+ gabbro; composed of 60% AM, 10% BO and 30% light grey PG; Tr of disseminated SF or aligned along S1; interlayered with aphanitic to fine-grained AM+ basalt with anedral PG phenocrysts (2 mm); weakly to moderately BO+; U/C oriented at 65° CA; L/C oriented at 72° CA								
0	78.66	84.05	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 38.67-75.70; foliation oriented at 45° CA; weakly fractured unit; SI+ and locally EP+; weakly developed QZ veins and stringers (<1 cm) - Samples: - J764123: Systematic sampling - J764124: QZ vein (tw 3 cm) oriented at 62° CA; located on contact of a fine-grained AM+ gabbro dykelet and a deformed, SI+ and weakly SR+ partially recrystalized felsic volcanic / deformed tonalite - J764125: Standard	J764123 J764124 J764126	82.75 83.50 84.00	83.50 84.00 85.00	0.75 0.50 1.00	0.022 0.042 0.056	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	84.05	84.95	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; U/C oriented at 59° CA; L/C oriented at 65° CA - Sample: - J764126: Systematic sampling								
0	84.95	88.67	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 38.67-75.70; SI+; foliation oriented at 60° CA; intersected by few fine-grained AM+ gabbro dykelet (<15 cm); with SI+ and weakly SR+ shear zone; weakly fractured	J764127 J764128 J764129 J764130 J764131 J764132	85.00 86.00 86.58 86.98 87.69 88.09	86.00 86.58 86.98 87.69 88.09 89.09	1.00 0.58 0.40 0.71 0.40 1.00	0.012 0.052 0.329 0.115 0.039 0.077	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			unit; few QZ veins and stringers (<1 cm) were observed - Samples: - J764127 & J764128: Systematic sampling - J764129: Coarse-grained QZ vein (6.5 cm) intersected at 86.75 m and oriented at 65° CA; Tr of PY-PO; intersecting contact of strongly BO+ fine-grained mafic dykelets and SI+, brownish grey metafelsite - J764130: Systematic sampling - J764131: Deformed QZ vein (tw 0.5-2.5 cm) oriented at 54° CA; any significant mineralization or alteration on wallrocks - J764132: Systematic samping								
0	88.67	89.40	I1D - TONALITE - Medium-grey, weakly deformed with foliation oriented at 50° CA; fine-grained (1 mm) tonalite; mainly composed of PG and QZ, 3-7% BO±SR and minor amount and pale green AM; Tr of disseminated PY; intersected by fine-grained, slightly BO+, pluricentimetric wide, mafic dykelets; U/C oriented at 54° CA; L/C oriented at 72° CA - Sample: - J764133: QZ vein (tw 4 cm) oriented at 60° CA; 1% PY; any significant alteration on wallrocks	J764133	89.09	89.49	0.40	0.031	-1.00	-1.00	-1.0
0	89.40	91.00	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - As previously described - Samples: - J764134 & J764135: Systematic sampling	J764134 J764135 J764136	89.49 90.24 90.94	90.24 90.94 91.55	0.75 0.70 0.61	0.101 0.049 0.012	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	91.00	91.49	I2J [PO] - GREY PORPHYRITIC DIORITE - Medium grey, porphyritic diorite dyke; composed of 40% subedral, whitish PG phenocrysts (1-2 mm) set in a pale grey, finer-grained, intermediate groundmass with 10% BO; Tr of finely disseminated PY; U/C oriented at 70° CA; L/C oriented at 60° CA - Sample: - J764136: Systematic sampling								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	91.49	110.17	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - As previously described; weakly developed QZ veins and stringers; intersected by 5% pluricentimetric to pluridecimetric, fine-grained mafic dykelets with variable amount of BO or CL alteration; with EP+ intervals associated with 1-2% SF (PY-PO±CP) intersected between 101.13 and 104.92; presence of pale rose anedral GR; thin massive SF (PY-PO) horizon (1 cm) observed at 101.90; foliation oriented at 64°-67° CA; weakly fractured unit	J764137 J764138	91.55 91.95	91.95 92.70	0.40 0.75	0.078 0.036	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	105.05	105.29	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; strongly CL+ and moderately BO+; contacts oriented at 55° CA								
2	105.29	107.43	- MAIN UNIT CONTINUES	J764139	107.09	107.84	0.75	0.020	-1.00	-1.00	-1.0
1	107.43	107.95	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; contacts are BO+; U/C contact oriented at 57° CA; L/C oriented at 74° CA - Sample: - J764139: Systematic sampling	J764140	107.84	108.24	0.40	0.048	-1.00	-1.00	-1.0
2	107.95	110.17	- MAIN UNIT CONTINUES - Foliation oriented at 69° CA - Samples: - J764140: QZ vein (tw 6 cm) oriented at 75° CA - J764142: Systematic sampling	J764141	108.24	108.94	0.70	0.087	-1.00	-1.00	-1.0
0	110.17	111.00	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described;foliation oriented at 60° CA; CL+, EP+ and BO+; crosscutted by								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			<1% deformed and dismembred QZ stringers (<1 cm); U/C oriented at 57° CA - EOH at 111.00 m								

End of Lithology and Assays ;

Hole: AQ-10-98

Easting (mE):	661447.60	**Northing (mN):**	5994413.06	**Elevation:**	435.94
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	111.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: November 3, 2010 **Finished:** November 4, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 4 m of NW casing left in place

GÉOLOGUE / GEOLOGIST
ROGER
MOAR
#733
QUÉBEC

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	4.00	OV - OVERBURDEN - 4 m of casing left in place								
0	4.00	29.65	V1 - FELSIC VOLCANIC - Pale grey to medium grey, moderately to well foliated (60° CA), fine-grained (0.5-1 mm), moderately SR+ felsic volcanic; composed of PG and QZ, 5-7% BO; Tr of finely disseminated SF (PO-PY) and MG; locally EP+, SI+, ±CB+ with pale pink alteration; locally sheared, SI+ and weakly EP+ with QZ forming eyes or very thin stringers stretched along S1 (21.54-29.64); weakly fractured at 38° and locally at 10° CA with EP±CL±CB filling; intersected by <5% fine-grained (1 mm) AM+ and locally BO+ mafic dykelets (8-30 cm) oriented along S1 and few medium-grained (1-2 mm) porphyritic diorite dykelets (<10 cm) with CL+ AM phenocrysts (1-2 mm) (e.g. 4.13-4.21); overall QZ veins are weakly developed								
1	5.37	5.90	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Dark greenish grey, weakly foliated, fine-grained AM+ gabbro dyke; Tr of finely disseminated PY; contacts oriented at 53° CA								
2	5.90	7.09	- MAIN UNIT CONTINUES								
1	7.09	7.74	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; fairly fractured; contacts oriented at 58° CA								
2	7.74	29.65	- MAIN UNIT CONTINUES - Samples: - J764142: QZ vein (4 cm) oriented at 51° CA - J764143: QZ vein (2 cm)	J764142 J764143 J764144 J764145 J764146	12.85 14.10 17.66 19.14 29.40	13.25 14.50 18.06 19.54 30.15	0.40 0.40 0.40 0.40 0.75	1.155 0.203 0.701 0.662 0.214	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			crosscutting fine-grained gabbro dykelet at 60° CA - J764144: QZ vein (1 cm) weakly mineralized with PY crosscutting a fairly SR+ metafelsite at 69° CA - J764145: Deformed Q±CB vein (2.5 cm) associated with 3% PY-PO±SP?; crosscutting well foliated felsic volcanic along S1 (65° CA)								
0	29.65	57.00	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit with less developped foliation and presenting a banded and locally a marbred aspect; pale grey to medium grey, foliation oriented (65° CA), fine to medium-grained (0.5-2 mm) partially recrystallized felsic volcanic or deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO; minor amount CL, SR and EP; presence of QZ phenocrysts forming eyes (2-5 mm) or thin elongated stringers transposed along S1; Tr-1% disseminated SF; SI+; presence of medium-grained, whitish pluricentimetric to decimetric wide bands (resulting from partial recrystallization?) composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and <1% MG; overall QZ veins are weakly developed; QZ stringers (<1 cm) oriented at 60° CA and along S1; weakly fractured at low angle to CA; <5% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) moderately to fairly BO+ and slightly EP+ gabbro dykes; and few porphyritic diorite dykelets with CL+ AM phenocrysts (2-3 mm) - Samples: - J764146: Systematic sampling - J764147: Coarse-grained, microfractured QZ vein followed from 30.13 to 30.53; CL-EP filling microfractures; Tr-2% PO-PY; upper wallrock is SI+ and weakly SR+ felsic and associated with 1% PY-PO; U/C oriented at	J764147 J764148 J764149 J764151 J764152	30.15 30.65 31.40 32.15 32.90	30.65 31.40 32.15 32.90 33.43	0.50 0.75 0.75 0.75 0.53	0.520 0.069 0.103 1.245 0.105	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			70° CA ; L/C is irregularly oriented and crosscutted by a strongly BO+ and PY+ (5-7%) intermediate dykelet - J764148 & J764149: Systematic sampling - J764150: Blank - J764151: Systematic sampling; well foliated (63° CA) partially recrystallized felsic volcanic / deformed tonalite intersected by a QZ±PO-PY vein (tw 2 cm) oriented at 70° CA - J764152: Systematic sampling								
1	33.30	33.64	I2J - DIORITE - Brownish grey, weakly foliated (70° CA), fine-grained (1 mm) diorite dyke; mainly composed of grey PG and 15-20% BO±CL; contacts oriented at 70° CA - Sample: - J764153: Systematic sampling	J764153	33.43	34.11	0.68	0.018	-1.00	-1.00	-1.0
2	33.64	33.73	- MAIN UNIT CONTINUES - Samples: - J764154: Upper wallrock of Muscovite vein - J764155: Muscovite vein comprises 2 coarse-grained QZ veins intersected from 34.91-35.05 and 35.23-35.44; 2-3% PY-PO-SP; contacts are oriented at 55°-65° CA; hosted in moderately to strongly SI+ and weakly SR+ shear zone(50° CA) with fair amount of EP-CL-SF (2-5%) - J764156: Lower wall rock of Muscovite vein								
1	33.73	34.56	I2J - DIORITE - Same as 33.30-33.64 - Sample: - J764157: Systematic sampling	J764154	34.11	34.86	0.75	0.165	-1.00	-1.00	-1.0
2	34.56	36.14	- MAIN UNIT CONTINUES	J764155 J764156	34.86 35.46	35.46 36.21	0.60 0.75	0.067 0.035	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
1	36.14	36.68	I2J - DIORITE - Same as 33.30-33.64; intersecting a dark green medium-grained CL+ and BO+ mafic dykelet (36.31-36.39)	J764157	36.21	36.96	0.75	0.790	-1.00	-1.00	-1.0
1	36.68	36.84	AM+ V3B - AMPHIBOLITIZED GABBRO DYKE - Dark green, medium-grained CL+ and BO+ mafic dykelet with contacts oriented at 60° CA								
2	36.84	53.20	- MAIN UNIT CONTINUES								
1	53.20	54.40	I2J - DIORITE - Dark grey, weakly foliated (66° CA), fine-grained (1 mm) diorite dyke; mainly composed of grey PG, 15-20% BO and minor EP; presence of anedral PG phencrysts (2 mm); Tr of PY-PO; U/C at 60° CA; L/C oriented at 68° CA - Sample: - J764158: Systematic sampling	J764158	53.67	54.42	0.75	0.049	-1.00	-1.00	-1.0
2	54.40	57.00	- MAIN UNIT CONTINUES	J764159	54.42	54.82	0.40	0.093	-1.00	-1.00	-1.0
			- Lower section (56.57-57.00) is SI+ and EP+ with pale pink alteration associated with fractures oriented at 25° CA	J764160	54.82	55.57	0.75	0.019	-1.00	-1.00	-1.0
0	57.00	74.60	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 29.65-57.00; foliation oriented at 68° CA; presence of low angle fractures filled with QZ±CB-±CL±EP and followed from 62.81-64.00 and 65.00-66.00 - Samples: - J764159: Coarse-grained QZ vein (tw 7 cm) oriented at 65° CA; SI+, weakly SR+ and wallrocks associated with 2% PY - J764160: Systematic sampling								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J764161: Systematic sampling - J764162: QZ vein (tw min 2.5 cm) oriented at 5° CA; wallrocks are PY+ (10%) - J764163: Systematic sampling								
1	57.00	60.00	CNR - CORE NOT RECUPERATED - Grinded core; 65% of core not recuperated								
				J764161	60.09	60.84	0.75	0.034	-1.00	-1.00	-1.0
				J764162	60.84	61.24	0.40	0.051	-1.00	-1.00	-1.0
				J764163	61.24	61.99	0.75	0.034	-1.00	-1.00	-1.0
				J764164	74.50	75.25	0.75	0.028	-1.00	-1.00	-1.0
0	74.60	75.75	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Dark green, weakly foliated, fine-grained (1 mm) AM+ gabbro dyke; BO+; Tr of disseminated SF; U/C oriented at 59° CA; L/C oriented 64° CA - Samples: - J764164: Systematic sampling - J764165: QZ vein (tw min 2 cm) oriented along CA and intersected from 75.33 to 75.62; BO+ wallrocks	J764165	75.25	75.85	0.60	0.061	-1.00	-1.00	-1.0
0	75.75	75.97	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - As previously described	J764166	75.85	76.25	0.40	0.076	-1.00	-1.00	-1.0
0	75.97	78.85	AM+ V3B / I3A - AMPHIBOLITIZED BASALT AND ASSOCIATED GABBRO DYKES - As previously described; with aphanitic to very fine-grained AM+ basalt intersected from 77.26-77.93; weakly to moderately BO+; crosscutted by a greyish green, aphaintic, intermediate dyke intersected from 76.66-76.87 with contacts oriented at 63° CA; contacts oriented at 68° CA - Samples: - J764166: QZ vein (tw 2.5 cm) crosscutting strongly BO+ medium-grained gabbro at 68°	J764167	76.25	77.00	0.75	0.038	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			CA - J764167: Systematic sampling								
0	78.85	90.34	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - As previously described; presence of EP±PY alteration zones (<5 cm); weakly foliated at 64° CA; weakly fractured unit; intersected by 10% pluricentimetric to pluridecimetric wide, fine-grained (0.5-1 mm) AM+ gabbro dykes; weakly developed QZ veins - Samples: - J764168: Systematic sampling - J764169: Deformed QZ vein (1 cm) intersecting a BO+, fine-grained gabbro dyke at 63° CA - J764170 & J764171: Systematic sampling	J764168 J764169 J764170 J764171 J764172	85.52 86.27 86.67 87.42 88.42	86.27 86.67 87.42 88.42 89.42	0.75 0.40 0.75 1.00 1.00	0.012 0.156 0.050 0.012 0.084	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
1	88.57	89.48	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; fairly CL+; weakly CB+; weakly to strongly BO+; U/C oriented at 70° CA; L/C oriented at 47° CA - Sample: - J764172: Systematic sampling	J764173	89.42	90.07	0.65	0.149	-1.00	-1.00	-1.0
2	89.48	90.34	- MAIN UNIT CONTINUES - Sample: - J764173: QZ vein (2 cm) (alteration zone) oriented at 65° CA; 2% PY on wallrocks; presence of pale rose anedral (1 mm) GR	J764174	90.07	90.57	0.50	0.045	-1.00	-1.00	-1.0
0	90.34	90.74	I2J [PO] - GREY PORPHYRITIC DIORITE DYKE - Medium grey, porphyritic diorite dyke; composed of 40% subedral, whitish PG phenocrysts (1-2 mm) set in a pale grey, finer-grained, intermediate groundmass with 10% BO; Tr of finely disseminated PY; U/C oriented at 75° CA; L/C oriented at 72° CA	J764176	90.57	91.32	0.75	0.062	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Sample: - J764174: Systematic sampling								
0	90.74	109.58	V1 [I1D]	J764177	91.32	91.72	0.40	0.079	-1.00	-1.00	-1.0
			- PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE	J764178	91.72	92.47	0.75	0.017	-1.00	-1.00	-1.0
			- As previously described; with deformed and EP+ intervals; presence of pale rose anedral (1 mm) GR; 1-2% SF (PY-PO) intersected between 102.09-103.91; foliation oriented at 66° CA; weakly fractured unit; intersected by 5% pluricentimetric to pluridecimetric wide, fine-grained AM+ gabbro dykes	J764179	92.47	93.47	1.00	0.009	-1.00	-1.00	-1.0
				J764180	93.47	94.31	0.84	0.007	-1.00	-1.00	-1.0
				J764181	94.31	95.12	0.81	0.012	-1.00	-1.00	-1.0
				J764182	95.12	95.87	0.75	0.050	-1.00	-1.00	-1.0
				J764183	95.87	96.27	0.40	0.062	-1.00	-1.00	-1.0
				J764184	96.27	97.02	0.75	0.162	-1.00	-1.00	-1.0
				J764185	97.02	98.02	1.00	0.017	-1.00	-1.00	-1.0
			- Samples: - J764175: Standard - J764176: Systematic sampling - J764177: Deformed, lenticular, coarse-grained QZ vein (tw max 7 cm) oriented at 67° CA - J764178 to J764182: Systematic sampling - J764183: QZ vein (tw 9 cm) crosscutting felsic volcanic at 61° CA; Tr of PY; any significant alteration on wallrocks - J764184 & J764185: Systematic sampling								
0	109.58	111.00	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; foliation oriented at 75° CA; Tr of disseminated SF; with strong BO+ and CL+ intervals; crosscutted by <1% deformed and dismembered QZ stringers (<1 cm); U/C oriented at 71° CA - EOH at 111.00 m								

End of Lithology and Assays ;

Hole: AQ-10-99

Easting (mE):	661465.12	**Northing (mN):**	5994424.91	**Elevation:**	436.15
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	129.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Lingo **Contractor:** G4 Drilling Ltd

Started: November 5, 2010 **Finished:** November 9, 2010 **Logged By:** R. Moar

Claim Number: CDC 3923 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 6.94 g/T Au over 0.50 m (115.24-115.74)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	41.53	SR+ V1 - PARTIALLY RECRYSTALLIZED AND WEAKLY SERICITIZED FELSIC VOLCANIC - Pale grey to medium-grey, weakly foliated (62°-65° CA), very fine-grained (0,5-1 mm), weakly SR+ felsic volcanic; mainly composed of PG and QZ, 2-10% finer-grained BO and minor amount CL; plurimillimetric to pluricentimetric bands resulting from variation of BO content; presence of reddish brown phlogopite; presence of deformed QZ phenocrysts (2-5 mm); Tr of finely disseminated SF (PO-PY); <1% finely disseminated MG; weakly fractured at 5-10° CA with EP±CL±CB filling with fractured spaced at 4 m intervals; locally EP+; intersected by few pluricentimetric to pluridecimetric wide, medium-grained (1-2 mm) dark green to brownish green BO+ mafic dykelets oriented along S1; overall QZ veins and stringers are weakly developed - Samples: - J764186: Systematic sampling - J764187: QZ vein (1 cm) oriented at 61° CA; 3% PY - J764188: Systematic sampling - J764189: QZ vein (tw 4.5 cm) oriented at 48° CA; EP+ wallrocks with 1% PY-PO-SP - J764190: Systematic sampling - J764191: QZ vein (1 cm) oriented at 58° CA; located on contact of felsic volcanic and CL+ and BO+ mafic dykelet (4 cm) - J764192: Systematic sampling - J764193: Muscovite vein?; light grey, coarse-grained QZ±CL-CB±PY vein followed from 38.68 to 39.00; 3% PY-PO-SP; upper wallrock consists of foliated, BO+ fine-grained gabbro dykelet (15 cm); lower wallrock is SI+ and weakly CB+ and associated with 2-5% PY-PO-SP±CP; U/C oriented at 58° CA; L/C oriented at 40° CA - J764194: SI+ and weakly CB+ felsic volcanic associated with 2% PY-PO;	J764186 J764187 J764188 J764189 J764190 J764191 J764192 J764193 J764194 J764195 J764196 J764197	13.69 14.44 14.84 15.59 15.99 28.10 37.92 38.72 39.24 39.84 40.24 40.74	14.44 14.84 15.59 15.99 16.74 28.50 38.72 39.24 39.84 40.24 40.74 41.49	0.75 0.40 0.75 0.40 0.75 0.40 0.80 0.52 0.60 0.40 0.50 0.75	0.478 0.410 0.029 0.243 0.631 0.035 0.138 1.830 2.070 1.555 0.265 0.067	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			intersected by 3 QZ veins (tw 1.5-6 cm) oriented at 64° CA and weakly mineralized with PY-PO; crosscutted by a fine-grained diorite dykelet (5 cm) oriented at 64° CA - J764195: Muscovite vein?; 2 QZ veins (4-7 cm) weakly mineralized with PY-PO intersecting EP+ and PY+ (5%) felsic volcanic at 60° CA - J764196 & J764197: Systematic samping								
0	41.53	79.13	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Similar to the overlying unit with less developed foliation (62° CA); exhibits a banded and locally marbred aspect; pale grey to medium grey, fine to medium-grained (0.5-2 mm) partially recrystallized felsic volcanic or deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO; minor amount CL, SR and EP; Tr-1% disseminated SF; SI+; presence of medium-grained, whitish pluricentimetric to decimetric wide bands (resulting from partial recrystallization?) composed of whitish PG, QZ, coarser-grained BO, minor amount of CL and <1% MG; overall QZ veins are weakly developed; <5% pluricentimetric to pluridecimetric wide, brownish green, fine-grained (1 mm) moderately to fairly BO+ and slightly EP+ gabbro dykes - Samples: - J764198: Systematic sampling - J764199: Coarse-grained QZ vein followed from 53.27 to 53.5; 2% PO-SP filling fractures; U/C oriented at 67° CA; L/C oriented at 66° CA; wallrocks are fairly SI+ and weakly SR+ and PY+ - J764200: Blank	J764198 J764199 J764201	52.32 53.07 53.52	53.07 53.52 54.32	0.75 0.45 0.80	0.071 1.735 0.092	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	53.64	54.84	I2J - DIORITE - Dark grey, weakly foliated, fine-grained (0.5-1 mm) diorite dyke; mainly composed of grey PG, 25% BO and 10% EP; U/C at 56° CA; L/C oriented at 48° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Sample: - J764201: Systematic sampling								
2	54.84	79.13	- MAIN UNIT CONTINUES - Foliation oriented at 67° CA - Samples: - J764202: Systematic; foliation oriented at 62° CA - J764203: Light grey, coarse-grained QZ vein intersected from 69.04 to 69.13; 2% PY; contacts are oriented at 57° CA; ; wallrocks are SI+ over 41 cm - J764204: Systematic sampling - J764205: Systematic sampling - J764206: 2 deformed QZ veins (tw 5 & 11 cm) oriented at 45° CA	J764202 J764203 J764204 J764205 J764206	67.14 67.89 68.29 77.90 78.65	67.89 68.29 69.04 78.65 79.15	0.75 0.40 0.75 0.75 0.50	0.095 0.232 0.067 0.104 0.046	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
0	79.13	79.87	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated, very fine-grained AM+ basalt; Tr-0,5% SF (PO-PY); U/C oriented at 20° CA; L/C oriented at 79° CA - Sample: - J764207: Systematic sampling	J764207	79.15	79.90	0.75	0.047	-1.00	-1.00	-1.0
0	79.87	86.06	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - As previously described; foliation oriented at 74° CA; SI+; presence of strongly EP+ and SI+ alteration zones (5-15 cm) oriented along S1; intersected by 20% weakly foliated, fine-grained, AM+ and BO+ mafic dykelets varying from 4 to 44 cm and oriented along S1 - Samples: - J764208 to J764210: Systematic sampling - J764211: Coarse-grained QZ-CB vein (tw 3 cm) oriented at 65° CA; Tr amount of PY-PO-MG; presence of possible FL; SI+ and EP+ wallrocks - J764212: Systematic sampling	J764208 J764209 J764210 J764211 J764212	79.90 80.90 81.65 82.35 82.75	80.90 81.65 82.35 82.75 83.50	1.00 0.75 0.70 0.40 0.75	0.068 0.056 0.024 0.101 0.045	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	86.06	90.82	I1D - TONALITE - Medium-grey, weakly foliated (65° CA), medium-grained (1 mm) tonalite; mainly composed of whitish PG and QZ (20-25%) and 10-15% BO±SR; Tr of disseminated PY-PO; intersected by fine-grained, slightly BO+, pluricentimetric wide, mafic dykelets; U/C oriented at 73° CA; L/C oriented at 61° CA - Samples: - J764213: Systematic sampling - J764214: QZ vein (tw 2 cm) oriented at 52° CA; no significant alteration or mineralization - J764215 to J764218: Systematic sampling	J764213	86.88	87.63	0.75	0.037	-1.00	-1.00	-1.0
				J764214	87.63	88.03	0.40	0.044	-1.00	-1.00	-1.0
				J764215	88.03	88.78	0.75	0.036	-1.00	-1.00	-1.0
				J764216	88.78	89.50	0.72	0.074	-1.00	-1.00	-1.0
				J764217	89.50	90.30	0.80	0.047	-1.00	-1.00	-1.0
				J764218	90.30	90.80	0.50	0.084	-1.00	-1.00	-1.0
				J764219	90.80	91.25	0.45	-1.000	3.21	-1.00	-1.0
0	90.82	91.25	I1N Au - AURIFEROUS QUARTZ VEIN - 2 pale grey, microfractured, coarse-grained (0,5-1 cm) QZ veins followed from 90.82 to 91.25 and separated by a strongly SI+ and SR+ envelope with 0.5% PY; minor amount of CB-EP-CL-PY filling microfractures; a speck (1 mm) of VG was observed at 90.88; U/C oriented at 61° CA; L/C oriented at 61° CA - Sample: - J764219: As per above description								
0	91.25	98.12	V1 - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC - Medium-grey to brownish grey, moderately foliated (64° CA), very fine-grained (0.5 mm), SI+ and weakly SR+ partially recrystallized felsic volcanic; locally sheared, SI+ and PY+ (0.5-1%) with presence of reddish brown phologopite and very thin QZ stringers (<1 cm) oriented along S1 (65° CA); presence of centimetric wide, whitish bands with whitish PG and coarser-grained BO; intersected by 20% weakly foliated, fine-grained, AM+ and BO+ mafic dykelets varying from 2-40 cm and oriented along S1 - Samples: - J764220 to J764222: Systematic sampling - J764223: Deformed, microfractured, coarse-grained QZ vein (tw 2-6 cm) oriented at 50° CA; 1-3% PY on wallrocks	J764220	91.25	91.75	0.50	1.720	-1.00	-1.00	-1.0
				J764221	91.75	92.57	0.82	0.051	-1.00	-1.00	-1.0
				J764222	92.57	93.17	0.60	0.094	-1.00	-1.00	-1.0
				J764223	93.17	93.67	0.50	0.061	-1.00	-1.00	-1.0
				J764224	93.67	94.17	0.50	0.135	-1.00	-1.00	-1.0
				J764226	94.17	95.17	1.00	0.209	-1.00	-1.00	-1.0
				J764227	95.17	95.92	0.75	0.241	-1.00	-1.00	-1.0
				J764228	95.92	96.34	0.42	0.035	-1.00	-1.00	-1.0
				J764229	96.34	96.74	0.40	0.023	-1.00	-1.00	-1.0
				J764230	96.74	97.24	0.50	0.056	-1.00	-1.00	-1.0
				J764231	97.24	97.99	0.75	0.039	-1.00	-1.00	-1.0
				J764232	97.99	98.74	0.75	0.024	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J764224: Systematic sampling - J764225: Standard - J764226 to J764228: Systematic sampling - J764229: Same as J764223; tw 6 cm; contacts oriented at 19° CA - J764230 to J764232: Systematic sampling								
0	98.12	98.40	DZ - DEFORMATION AND ALTERATION ZONE - Deformation and alteration zone affecting partially recrystallized felsic volcanic; comprises thin centimetric scale, fine-grained, altered and flattened greenish grey, strongly EP+ intermediate horizons interlayered with fine-grained quartzofeldspathic material; 0.5% PY; foliation oriented at 60° CA; U/C oriented at 63° CA								
0	98.40	98.84	I2J [PO] - GREY PORPHYRITIC DIORITE - Medium grey, weakly foliated, porphyritic diorite dyke; 30% PG phenocrysts (1-2 mm) set in a pale grey, fine-grained, intermediate groudmass with 10% BO; Tr of finely disseminated PY; U/C oriented at 63° CA; L/C oriented at 63° CA								
0	98.84	100.97	DZ - DEFORMATION AND ALTERATION ZONE - Same as 98.12-98.; L/C oriented at 74° CA								
0	100.97	110.86	V1 - PARTIALLY RECRYSTALLIZED AND SILICIFIED FELSIC VOLCANIC - Same as 91.25-98.12; pale grey to brownish grey, fairly SI+ felsic volcanic; foliation oriented at 63° CA; intersected by 20% fine to very fine-grained gabbro forming dykes ranging from 10-20 cm along CA - Sample: - J764235: Systematic sampling, SI+ and EP+	J764235 J764236	109.68 110.43	110.43 111.18	0.75 0.75	0.521 0.575	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	110.86	117.75	AM+ V3B - DEFORMED AND ALTERED AMPHIBOLITIZED BASALT - Dark green, thinly foliated (45° CA), very	J764237 J764238 J764239 J764240	111.18 112.09 112.84 113.59	112.09 112.84 113.59 114.34	0.91 0.75 0.75 0.75	0.056 0.129 0.483 0.076	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			fine-grained, deformed and altered AM+ basalt; presence of QZ-EP-BO±CB alteration zones; few anedral PG phenocrysts (4 mm) were observed; intersected by a decimetric wide shear zone oriented at 48° CA; Tr-0,5% SF (PO-PY); alteration associated with QZ injection and very fine-grained whitish feldspathic injection; host a metric wide, coarse-grained, gold-bearing QZ vein intersected from 115.37 to 116.15; two other QZ veins were encountered from 117.01-117.11 and 117.19-117.28; moderately fractured along S1; U/C oriented at 50° CA; L/C oriented at 60° CA - Samples: - J764236 to J764240: Systematic sampling - J764241: Coarse-grained QZ vein (tw 6.5 cm) oriented at 58° CA - J764242: Systematic sampling	J764241 J764242 J764243	114.34 114.74 115.24	114.74 115.24 115.74	0.40 0.50 0.50	2.580 2.640 -1.000	-1.00 -1.00 6.94	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	115.29	116.39	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey, coarse-grained (0,5-1 cm), microfractured QZ vein intersected from 115.37 to 116.15; microfractures are oriented at 74° and 6° CA; a speck (1 mm) of VG was observed on core surface at 115.49 m; 0.5% PO-PY; BO-PY±AM (2%) forming thin envelopes (0.5-1 cm) within the vein; vein hosted in strongly SI+ metafelsite associated with 0.5-1% PO-PY; QZ stringers are strongly deformed at the upper contact; lower contact intersected by a brownish grey, fine-grained intermediate dyke; U/C oriented at 65°-70° CA; L/C oriented at 68° CA - Sample: - J764243 and J764244: As per above description	J764244 J764245	115.74 116.14	116.14 117.00	0.40 0.86	-1.000 0.152	0.33 -1.00	-1.00 -1.00	-1.0 -1.0
2	116.39	117.75	- MAIN UNIT CONTINUES - Samples: - J764245: Systematic sampling	J764246 J764247	117.00 117.50	117.50 118.00	0.50 0.50	2.560 0.462	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J764246: 2 coarse-grained QZ±PY±PO veins (tw 8 cm) crosscutting BO+, PY+ (3%) and EP+ mafic rock; veins oriented at 50° CA - J764247: Systematic sampling; deformed contact of mafic and felsic units; with deformed QZ vein (tw 2 cm) oriented at 69° CA								
0	117.75	129.00	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - As previously described; with banded and marbred aspect; SI+; presence of strongly deformed, EP+ and CB+ intervals; foliation oriented at 67° CA; weakly fractured unit intersected by 5% pluricentimetric to pluridecimetric wide, fine-grained AM+ gabbro dykes and brownish grey, fine-grained diorite dykes - Samples: - J764248 and J764249: Systematic sampling - J764250: Blank - J764251 to J764256: Systematic sampling	J764248	118.00	118.75	0.75	0.086	-1.00	-1.00	-1.0
1	118.65	119.09	I2J - DIORITE - Brownish grey, very fine-grained (0.5 mm) diorite dyke; U/C oriented at 68° CA; L/C is deformed and oriented at 67° CA	J764249	118.75	119.50	0.75	0.032	-1.00	-1.00	-1.0
2	119.09	119.67	- MAIN UNIT CONTINUES	J764751	119.50	120.50	1.00	0.020	-1.00	-1.00	-1.0
1	119.67	120.22	I2J - DIORITE - As previously described; U/C at 70° CA; L/C oriented at 65° CA								
2	120.22	121.40	- MAIN UNIT CONTINUES	J764752	120.50	121.50	1.00	0.038	-1.00	-1.00	-1.0
1	121.40	121.92	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE	J764753	121.50	122.50	1.00	0.018	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Greenish grey, fine-grained (0.5-1 mm), weakly BO+, thinly foliated (54° CA) gabbro dyke; U/C oriented at 63° CA; L/C oriented at 71° CA								
2	121.92	129.00	- MAIN UNIT CONTINUES	J764754	122.50	123.22	0.72	0.019	-1.00	-1.00	-1.0
			- Samples:	J764755	123.22	123.62	0.40	0.025	-1.00	-1.00	-1.0
			- J764257: 2 QZ stringers (1-2	J764756	123.62	124.62	1.00	0.022	-1.00	-1.00	-1.0
			cm) oriented along S1 (66° CA)	J764757	124.62	125.37	0.75	0.023	-1.00	-1.00	-1.0
			- J764258: Systematic	J764758	125.37	126.39	1.02	0.070	-1.00	-1.00	-1.0
			sampling	J764759	126.39	127.19	0.80	0.010	-1.00	-1.00	-1.0
			- J764259: SI+ and weakly	J764760	127.19	127.94	0.75	0.007	-1.00	-1.00	-1.0
			SR+ partially recrystallized	J764761	127.94	129.00	1.06	0.029	-1.00	-1.00	-1.0
			felsic volcanic / deformed tonalite crosscutted by 1% QZ stringers (<0.5 cm) oriented along S1								
			- J764260 & J764261: Systematic sampling								
			- EOH at 129 m								

End of Lithology and Assays ;

Hole: FDL-10-01

Easting (mE):	662374.11	**Northing (mN):**	5995020.52	**Elevation:**	430.09
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 21, 2010 **Finished:** November 21, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 21.33 g/T Au over 1.41 m (9.24-10.65)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	2.40	OV - OVERBURDEN - 3 m of NW casing left in place								
0	2.40	9.40	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to pale grey, moderately foliated (55° CA), SI+, medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and whitish subedral PG, 2-5% finer-grained BO and minor amount SR and CL; characterized by presence of 2-5% QZ phenocrysts (5 mm) forming locally eyes or very thin stringers stretched along S1; Tr of finely disseminated SF; partially recrystallized with centimetric to pluricentimetric wide, whitish bands with speckled aspect, composed of whitish PG, QZ and coarse-grained BO; weakly fractured unit								
1	3.46	3.64	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Brownish to greenish grey, well foliated (50° CA), fine-grained (0.5-1 mm) intermediate tuff or greywacke layer; composed of QZ, PG, AM and BO; presence of dark brown, plurimillimetric wide, laminae with BO±AM; U/C fractured; L/C oriented at 50° CA								
1	3.64	3.70	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, very fine-grained AM+ gabbro; L/C oriented at 50° CA								
2	3.70	9.40	- MAIN UNIT CONTINUES - Samples: - J767871 & J767872: Systematic sampling	J767871 J767872 J767873	7.74 8.49 9.24	8.49 9.24 9.54	0.75 0.75 0.30	0.050 0.060 8.480	-1.00 -1.00 8.68	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	9.40	9.49	I1N								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- QUARTZ VEIN - Light grey, coarse-grained, microfractured, QZ vein; minor amount of CB-CL-BO; upper wallrocks is strongly SI+ and SR+ over 8 cm; presence of whitish slightly EP+ whitish PG; lower wallrock comprises strongly BO+ fine-grained gabbro; 1-3% PO-PY on contact of lower wallrocks; U/C oriented at 60° CA; L/C oriented at 50° CA; no VG was observed on core surface - Sample: - J767873: As per above description								
0	9.49	9.99	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Dark green to brownish, foliated (50° CA), fine-grained 1 mm) intermediate tuff or greywacke; composed of 60% mafic minerals (AM-BO) and 40% PG and QZ; 1% disseminated SF; weakly to fairly fractured with intervals of broken core; fractures oriented at 30° and at very low angle to CA; host a gold-bearing QZ vein; L/C oriented at 50° CA - Sample: - J767874: Systematic sampling	J767874 J767876	9.54 9.94	9.94 10.29	0.40 0.35	0.179 -1.000	-1.00 3.38	-1.00 -1.00	-1.0 -1.0
0	9.99	10.65	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey with greenish and rusty alteration filling fractures, coarse-grained (1-2 cm) QZ vein followed from 9.99 to 10.47; Tr amount of PY-PO; presence of whitish PG and CL filling fractures; fractures oriented at 70° and 22° CA; upper wallrock is SI+ and strongly BO+ with 5-7% PO±PY over 4 cm; lower wallrock comprises pale green to pale grey, strongly SI+ and slightly CL+, medium-grained felsic volcanic (Lac d'Aiguillon felsic unit) injected by few QZ stringers (5 mm) oriented at 60° and 30° CA (opposite); no VG was observed on core surface of the vein; 2 specks (0.5 & 2 mm) with several pinpoints of	J767894	10.29	10.65	0.36	-1.000	73.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			VG were observed at 10.53 on a wallrock of QZ stringer oriented at 30° CA and crosscutting the lower wallrock; U/C (vein) oriented at 50° CA; L/C (vein) oriented at 60° CA; L/C (felsic unit) oriented at 40° CA - Samples: - J767875: Blank - J767876 & J767894: As per above description								
0	10.65	14.21	AM+ I3A - AMPHIBOLITIZED GABBRO - Same as 9.50-9.99; with fairly fractured intervals; L/C oriented at 50° CA - Samples: - J767877 to J767878: Systematic sampling - J767879: Coarse-grained QZ vein (tw 2 cm) oriented at 50° CA; no significant mineralization or alteration on wallrocks - J767880: Systematic sampling	J767877 J767878 J767879 J767880	10.65 11.40 12.45 12.75	11.40 12.45 12.75 13.50	0.75 1.05 0.30 0.75	0.056 0.039 0.041 0.027	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	14.21	14.45	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; more or less foliated; with 30% AM forming clasts varying from 2-10 mm set in a fine-grained intermediate groundmass; contacts oriented at 60° CA								
0	14.45	15.47	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described	J767881	15.41	16.16	0.75	0.045	-1.00	-1.00	-1.0
0	15.47	17.81	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Greenish grey to brownish grey, moderately to well laminated (50° CA), fine-grained (0.5-1 mm) intermediate tuff or greywacke; composed of PG, QZ, AM and BO; alternance of centimetric wide, medium-grey PG-rich laminae and dark brown and dark green, centimetric to pluricentimetric wide, laminae composed of BO/AM; laminations resulting from variation of mafic minerals	J767882	16.16	16.61	0.45	2.590	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			content; Tr disseminated SF; L/C oriented at 60° CA - Sample: - J767881: Systematic sampling								
1	16.25	16.57	I1N - QUARTZ VEINS - Two light grey, deformed, coarse-grained QZ veins intersected between 16.26-16.33 and 16.47-16.58; hosted in fine-grained strongly BO+ fine-grained gabbro; weakly mineralized with SF; presence of a decimetric wide, purplish grey, strongly deformed, strongly SI+ and weakly SR+ metafelsite - sheared felsic volcanic interval; no VG was observed on core surface - Sample: - J767882: As per above description								
2	16.57	17.81	- MAIN UNIT CONTINUES - Sample: - J767883: Systematic sampling	J767883	16.61	17.36	0.75	0.504	-1.00	-1.00	-1.0
0	17.81	19.30	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; lower section is well foliated, BO+ and injected by 1% deformed QZ stringers transposed along S1 (45° CA)								
0	19.30	21.08	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; weakly foliated at 55° CA; weakly fractured unit								
1	20.31	20.57	V1 - FELSIC VOLCANIC - Medium-grey, weakly foliated (50° CA), fine-grained (0.5-1 mm), weakly SR+ felsic volcanic; mainly of PG and QZ and 7% BO with								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			minor amount of SR (2-5%); sharp contacts oriented at 65° CA								
2	20.57	21.08	- MAIN UNIT CONTINUES								
0	21.08	21.29	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; with thin BO-rich laminae (1-2 mm) oriented at 55° CA; contacts oriented at 50° CA								
0	21.29	23.23	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; L/C is well foliated, BO+, weakly mineralized with PO±PY and injected by 1% QZ stringers oriented at 50° CA; L/C oriented at 60° CA - Sample: - J767884: Systematic sampling	J767884 J767885	22.22 23.02	23.02 23.37	0.80 0.35	0.056 0.119	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	23.23	30.00	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 55° CA; presence of low angle fractures (5-10° CA) following CA - Samples: - J767885: Deformed QZ vein (tw 1 cm) and stringers (0.5 cm) oriented at 60° CA; hosted in strongly SI+ and weakly SR+, purplish grey, sheared felsic volcanic; in contact with well foliated, fairly BO+, fine-grained gabbro - J767886 to J767888: Systematic sampling - J767889: QZ vein (tw 1 cm) intersecting contact of sheared, SI+ and EP+ felsic volcanic and strongly BO+ mafic dykelet - J767890: Systematic sampling - J767891: Systematic sampling - J767892: Deformed QZ vein (tw 1-2 cm) oriented at 50° CA - J767893: Systematic sampling	J767886 J767887 J767888 J767889 J767890	23.37 24.00 24.62 25.37 25.72	24.00 24.62 25.37 25.72 26.47	0.63 0.62 0.75 0.35 0.75	0.074 0.035 0.195 0.091 0.038	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
1	27.18	27.25	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; BO+ and								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			weakly EP+; contacts oriented at 65° CA								
1	27.25	28.47	I2J [PO] - PORPHYRITIC DIORITE - Medium grey, weakly foliated (47° CA), porphyritic diorite dyke; composed of 20% AM-BO phenocrysts (2-7 mm) set in a fine-grained intermediate (PG-AM-BO) groudmass; U/C oriented at 70° CA; L/C is strongly EP+ and oriented at 60° CA	J767891	28.15	28.90	0.75	0.035	-1.00	-1.00	-1.0
2	28.47	30.00	- MAIN UNIT CONTINUES	J767892	28.90	29.30	0.40	0.034	-1.00	-1.00	-1.0
			- EOH at 30.00 m	J767893	29.30	30.00	0.70	0.007	-1.00	-1.00	-1.0

End of Lithology and Assays ;

Hole: FDL-10-02

Easting (mE):	662371.21	**Northing (mN):**	5995021.38	**Elevation:**	430.05
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 21, 2010 **Finished:** November 22, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place

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QUÉBEC

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	10.72	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to pale grey, moderately foliated (52° CA), SI+, medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and whitish subedral PG, 2-5% finer-grained BO and minor amount SR and CL; 2-5% QZ phenocrysts (5 mm) forming locally eyes or very thin stringers stretched along S1; Tr of finely disseminated SF; partially recrystallized with centimetric to pluricentimetric wide, whitish bands with speckled aspect, composed of whitish PG, QZ and coarse-grained BO; weakly fractured unit (10° and 30° CA)								
1	3.00	3.94	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, well foliated (40° CA), deformed, fine-grained (1 mm) AM+ and BO+ gabbro; Tr of PY; 1% strongly deformed QZ veins (1 cm) and stringers transposed along S1; L/C oriented at 40° CA								
2	3.94	4.22	- MAIN UNIT CONTINUES								
1	4.22	4.69	AM+ I3A - AMPHIBOLITIZED GABBRO - Same as 3.00-3.94; U/C fractured; L/C oriented at 52° CA								
2	4.69	10.72	- MAIN UNIT CONTINUES								
0	10.72	10.95	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Dark greeen and brownish grey, weakly foliated (60° CA), intermediate tuff or greywacke; composed of 15% AM clasts (2-5								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			mm) set in a fine-grained BO-rich (50%) intermediate groudmass; contacts oriented at 60° CA								
0	10.95	12.25	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described								
0	12.25	13.00	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Same as 10.72-10.95; weakly foliated (38° CA); 1% disseminated SF								
0	13.00	17.67	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, well foliated (50° CA), very to fine-grained (0.25-0.5 mm) AM+ gabbro / basalt; composed of 60% dark green AM and 40% light grey PG; Tr of disseminated PY; weakly to moderately fractured at 15 °, 60° and 50° CA (opposite to S1); 1% stringers transposed along S1; L/C BO+ and oriented at 55° CA								
0	17.67	20.90	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; moderately to well laminated (50° CA) - Sample: - J767895: 20% deformed QZ vein (1-2 cm) and stringers (0.5 cm) crosscutting BO+ intermediate tuff or greywacke at 60° CA; Tr of SF on wallrocks	J767895	18.00	18.60	0.60	0.387	-1.00	-1.00	-1.0
0	20.90	22.82	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; weakly SR+; foliation oriented at 60° CA; weakly fractured unit (along S1 and 20° CA); lower section is sheared, SR+ and injected by deformed QZ stringers (<1 cm) oriented along S1 - Samples:	J767896 J767897 J767898	21.00 21.90 22.30	21.90 22.30 22.90	0.90 0.40 0.60	0.024 0.043 0.019	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J767896: Systematic sampling - J767897: 2% deformed QZ stringers (0.5 cm) oriented at 50° CA; Tr of SF on wallrocks - J767898: Systematic samping								
0	22.82	22.95	V2 - INTERMEDIATE VOLCANIC - Brownish grey, weakly foliated (55° CA), very fine-grained intermediate volcanic; mainly composed of PG and QZ and 7% BO; Tr of disseminated PO±PY; U/C oriented at 60° CA; L/C oriented at 52° CA	J767899	22.90	23.30	0.40	0.230	-1.00	-1.00	-1.0
0	22.95	23.33	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 20.90-22.92 - Sample: - J767899: 3 deformed QZ veins (1 cm) crosscutting SI+ and SR+ felsic volcanic at 50° CA; Tr of SF - J767900: Blank								
0	23.33	23.50	V2 - INTERMEDIATE VOLCANIC - Same as 22.82-22.95; presence of thin BO-rich laminations (<3 mm) oriented along S1 (60° CA) - possible metasediment?								
0	23.50	25.45	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; weakly to moderately BO+; <1% QZ stringers transposed along S1 and filling fractures at 15° CA; U/C BO+ and oriented at 50° CA; L/C oriented at 50° CA								
0	25.45	30.00	SR+ V1 [I1D] - SERICITIZED FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Moderately to fairly SR+, sheared felsic volcanic; foliation oriented at 50° CA; original texture is partially obliterated; lower section (28.90-29.55) is fairly SR+ and intersected by 10% strongly deformed QZ veins (tw 1.5 cm)	J767901 J767902 J767903 J767904 J767905 J767906	25.45 26.20 27.00 27.75 28.50 29.55	26.20 27.00 27.75 28.50 29.55 30.00	0.75 0.80 0.75 0.75 1.05 0.45	0.159 0.039 0.086 0.097 0.292 0.077	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			and stringers oriented at 50° CA - Samples: - J767901 to J767906: Systematic sampling - EOH at 30 m								

End of Lithology and Assays ;

Hole: FDL-10-03

Easting (mE):	662379.86	**Northing (mN):**	5995029.03	**Elevation:**	430.42
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 23, 2010 **Finished:** November 23, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 1.12 m of NW casing left in place; 6.62 g/T Au over 0.40 (15.30-15.70)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.12	OV - OVERBURDEN - 1.12 m of NW casing left in place								
0	1.12	7.97	V1 - FELSIC VOLCANIC - Medium grey, weakly foliated (52° CA), fine-grained (0.5-1 mm), felsic volcanic; mainly of PG and QZ, 5% BO and minor amount of SR (2-5%) and CL; Tr of finely disseminated SF (PO-PY); presence of centimetric wide, whitish bands with coarser-grained BO, whitish PG and CL resulting from possible partial recrystallization; weakly fractured unit along S1 and 20° and 55° (opposite to S1) CA; intersected by few, pluricentimetric to pluridecimetric wide, fine-grained diorite dykes								
1	1.62	1.89	I2J - DIORITE - Brownish grey, weakly foliated, very fine-grained (0.5 mm) diorite dyke with lower contact oriented at 58° CA								
2	1.89	5.53	- MAIN UNIT CONTINUES								
1	5.53	6.75	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark greenish grey, foliated (50° CA), fine-grained (1 mm) gabbro; Tr of disseminated PY; weakly fractured at 50° and 30° CA (opposite); contacts oriented at 60° CA								
2	6.75	7.23	- MAIN UNIT CONTINUES								
1	7.23	7.97	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; interlayered with thin felsic volcanic horizons intersected at 8.19-8.21 and 7.44-7.48 and oriented at 55° CA; <1% deformed QZ stringers (0.5 cm) oriented along S1; U/C								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			oriented at 55° CA; L/C is strongly BO+ and oriented at 60° CA								
0	7.97	15.40	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey, moderately foliated (50° CA), medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and PG, 2-5% finer-grained BO and minor amount CL; 2-5% deformed QZ phenocrysts (5-7 mm) forming eyes or very thin stringers stretched along S1; Tr of finely disseminated SF weakly fractured unit (20° and 30° CA); deformed and interlayered with fine-grained AM+ and BO+ mafic interval intersected from 9.33-9.69 - Sample: - J767794: Systematic sampling	J767794 J767795	14.55 15.30	15.30 15.70	0.75 0.40	0.043 6.620	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	15.40	15.62	I1N - QUARTZ VEIN - Light grey, coarse-grained (0.5-1 cm) QZ vein; fractures oriented at 50° and 15° CA; Tr of PO and PY; hosted on contact SI+ felsic volcanic and strongly BO+ fine-grained gabbro; no VG was observed on core surface; U/C oriented at 60° CA; L/C oriented at 40° CA - Sample: - J767795: As per above description								
0	15.62	16.30	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 45° CA; moderately to strongly BO+; L/C is strongly BO+ with foliation variyng from 45° CA and ondulating at very low angle to CA - Sample: - J767796: Systematic sampling	J767796 J767797	15.70 16.27	16.27 16.67	0.57 0.40	0.055 2.640	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	16.30	16.62	I1N - QUARTZ VEIN - Light grey, coarse-grained (0.5 cm) QZ vein (tw 7 cm) located on contact of strongly deformed and BO+ fine-grained gabbro and								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			SI+ and SR+ felsic volcanic; no VG was observed on core surface; contacts oriented at 27° CA - Sample: - J767797: As per above description								
0	16.62	16.95	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; with foliation ondulating from 15° to 20° CA; L/C oriented at 50° CA - Sample: - J767798: As per above description	J767798	16.67	17.42	0.75	0.113	-1.00	-1.00	-1.0
0	16.95	17.92	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 51° CA; weakly to moderately BO+; L/C oriented at 55° CA - Sample: - J767799: Systematic sampling - J767800: Blank	J767799 J767801	17.42 17.90	17.90 18.30	0.48 0.40	0.034 0.025	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	17.92	18.29	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Shear zone (50° CA) affecting felsic unit; strongly SI+ with SR forming thin envelopes (2-3 mm) oriented along S1; 3% PY-PO; intersected by a deformed QZ vein (tw 1.5 cm) oriented at 50° CA - Sample: - J767801: As per above description								
0	18.29	20.82	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (45° CA), very fine-grained (0.5-1 mm) AM+ basalt; Tr of disseminated SF; 1% deformed QZ veins (1 cm) and stringers oriented at 15° and 40° CA; U/C BO+; contacts oriented at 55° CA								
0	20.82	21.69	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE	J767802 J767803	20.88 21.63	21.63 22.15	0.75 0.52	0.093 3.030	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Medium grey to brownish grey, well laminated (50° CA), fine-grained (0.5-1 mm) intermediate tuff or greywacke; composed of an assemblage PG, AM and BO; alternance of plurimillimetric to centimetric wide, medium-grey PG-rich laminae and dark brown to green laminae composed of BO±AM; laminations resulting from variation of mafic minerals content; Tr amount of pale rose subedral (0.25-0.5 mm) GR; 1% disseminated SF (PY and PO); <1% deformed QZ stringers (<0.5 cm) oriented along S1 and at 20° CA; L/C oriented at 60° CA - Sample: - J767802: Systematic sampling									
0	21.69	22.57	I1N - QUARTZ VEINS ZONE - 60% pale grey, strongly deformed, microfractured, coarse-grained, pluricentimetric to plridecimetric wide QZ veins varying from 1 to 29 cm along CA; thickest veins were intersected from 21.69-22.03, 22.12-22.36; contacts are trending at 50° CA; <1% PY and PO; hosted in strongly SI+ and weakly SR+ metafelsite - sheared felsic volcanic - crosscutted by fine-grained BO+ mafic dykelets (3 cm) oriented 50° CA; no VG was observed on core surface; contacts oriented at 60° CA - Samples: - J767803 & J767804: As per above description	J767804	22.15	22.58	0.43	0.998	-1.00	-1.00	-1.0
0	22.57	22.94	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; moderately to strongly BO+ - Sample: - J767805: Systematic sampling	J767805 J767806	22.58 22.93	22.93 23.69	0.35 0.76	0.162 1.285	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	22.94	23.69	I1N - QUARTZ VEINS ZONE - Same as 21.69-22.57; 55% pale grey, strongly deformed, microfractured, coarse-grained, QZ veins varying from 1 to 32 cm along CA; widest veins were intersected from								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			22.99-23.05 and 23.15-23.56; hosted in strongly BO+, fine-grained mafic rock; no VG was observed on core surface; contacts oriented at 55° CA - Sample: - J767806: As per above description								
0	23.69	25.97	AM+ V3B - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 50° CA - Sample: - J767807 & J767808: Systematic sampling	J767807 J767808	23.69 24.19	24.19 24.94	0.50 0.75	0.087 0.125	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	25.97	26.18	I2J [PO] - DIORITE - Brownish grey, weakly foliated (52° CA), porphyritic diorite dyke; composed of 10% AM-BO phenocryst (2-5 mm) set in a fine-grained (0.5 mm) intermediate groudmass; Tr of disseminated P-POY; contacts oriented at 62° CA								
0	26.18	27.57	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 50° CA - Sample: - J767809: QZ vein (tw 1.5 cm) crosscutting foliation at 50° CA	J767809	27.04	27.44	0.40	0.032	-1.00	-1.00	-1.0
0	27.57	29.58	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; fine to very fine-grained AM+ gabbro / basalt; foliation oriented at 50° CA; L/C (29.34-29.58) is well foliated, BO+ and slightly EP+ with QZ stringers oriented at 60° CA; L/C oriented at 60° CA - Sample: - J767810: Systematic sampling	J767810	29.10	29.60	0.50	0.116	-1.00	-1.00	-1.0
0	29.58	30.00	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT	J767811	29.60	30.00	0.40	0.058	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- As previously described; purplish grey, sheared, SI+ and weakly SR+; foliation oriented at 53° CA; intersected by few deformed QZ stringers (5 mm) oriented along S1 - Sample: - J767811: As per above description - EOH at 30.00 m								

End of Lithology and Assays ;

Hole: FDL-10-04

Easting (mE):	662382.80	**Northing (mN):**	5995027.96	**Elevation:**	430.07
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 23, 2010 **Finished:** November 23, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 1.22 m of NW casing left in place; 9.63 g/T Au over 2.41 m (14.47-16.88)

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QUÉBEC

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.22	OV - OVERBURDEN - NW casing left in place								
0	1.22	5.69	V1 - FELSIC VOLCANIC - Pale grey to purplish gey, moderately foliated (59° CA), fine-grained (0.5-1 mm), SI+ and weakly SR+ felsic volcanic; mainly of PG, QZ, 3-7% BO with minor amount of SR (2-5%) and CL; Tr of finely disseminated SF (PO-PY); SI+ with presence of reddish brown phlogopite; moderately fractured at 30° and 50° CA; intersected by <10% fine-gained AM+ mafic dykelets (3.80-3.87; 4.00-4.99, 5.01-5.06, 5.31-5.48, 5.57-5.69)								
0	5.69	11.38	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to purplish gey, moderately foliated (45°-50° CA), fairly to strongly SI+, medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and PG, 2-5% finer-grained BO with minor amount CL; 2-5% deformed QZ phenocrysts (5-7 mm) forming eyes or very thin stringers stretched along S1; Tr of finely disseminated SF; weakly fractured unit; few QZ veins (<1 cm) and stringers; intersected by a fine-grained, AM+ and weakly BO+ mafic dyke (8.04-8.29) - Samples: - J767599: Systematic sampling - J767600: Blank - J767601: Deformed QZ vein (1-4 cm) in contact of felsic volcanic and strongly BO+ mafic dyke	J767599 J767601	10.33 11.08	11.08 11.51	0.75 0.43	0.025 0.108	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	11.38	11.85	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, deformed and foliated (60° CA), fine-grained AM+ gabbro; BO+ gabbro dyke; U/C oriented at 60° CA; L/C fractured - Samples: - J767602: Systematic sampling	J767602	11.51	12.00	0.49	0.014	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	11.85	11.90	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Light grey to brownish grey, well laminated (50° CA), intermediate tuff or greywacke; alternance of thin, plurimillimetric scale of light grey laminae composed of QZ and PG and and dark brown to green laminae composed of BO±AM with minor amount of PG; Tr of dissseminated SF (PY and PO)								
0	11.90	13.28	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously descibed; foliation oriented at 30°-40° CA; with SI+ felsic volcanic interval intersected at 12.68-12.71 with contacts oriented at 30° CA; crosscutted by a whitish QZ vein (1 cm) at 35° CA - Samples: - J767603 & J767604: Systematic sampling	J767603 J767604	12.00 12.57	12.57 13.38	0.57 0.81	0.023 0.022	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	13.28	14.47	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Greenish grey to brownish grey, moderately laminated (banding) (55° CA), very fine-grained (0.5 mm) intermediate tuff or greywacke; Tr of disseminated SF; presence of thin plurimillimetric wide BO+ laminae; banding resulting from variation of BO content; weakly fractured unit - Samples: - J767605 & J767606: Systematic sampling	J767605 J767606	13.38 14.13	14.13 14.47	0.75 0.34	0.030 0.318	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	14.47	15.45	I1N - QUARTZ VEINS ZONE - 2 pale grey, deformed, microfractured, coarse-grained QZ veins intersected from 14.49 to 14.78 and 15.06 to 15.47; contacts are oriented at 35° CA; the upper vein is weakly minealized with PY; the lower vein is associated with Tr-1% PY-SP filling microfracture oriented at 15° CA; veins hosted in strongly SI+ and weakly SR+ felsic volcanic; SR-CL-EP as microfractures filling; no VG was observed on core surface; U/C oriented at 60° CA; L/C oriented at 35° CA	J767607 J767608	14.47 15.00	15.00 15.48	0.53 0.48	-1.000 -1.000	1.51 28.50	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Samples: - J767607 & J767608: As per above description								
0	15.45	16.20	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described with laminations oriented at 40° CA - Sample: - J767609: Systematic sampling	J767609	15.48	16.20	0.72	0.511	-1.00	-1.00	-1.0
0	16.20	16.88	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey, deformed, microfractured, coarse-grained QZ veins intersected from 16.20 to 16.79; Tr to 1% PY-PO; minor amount of CB; lower wallock comprises purplish grey, strongly SI+ and weakly SR+ felsic volcanic; 3 pinpoints of VG were observed on core surface at 16.54 m; U/C oriented at 60° CA; L/C oriented at 55° CA - Sample: - J767610: As per above description	J767610	16.20	16.88	0.68	-1.000	12.30	-1.00	-1.0
0	16.88	17.50	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; laminations oriented at 52° CA; deformed and interlayered with pluricentimetic wide, purplish grey, very fine-gained felsic volcanic layers oriented at 20° CA - Sample: - J767611: Systematic sampling	J767611 J767612	16.88 17.38	17.38 18.33	0.50 0.95	0.060 0.048	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	17.50	18.18	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; contacts oriented at 50° CA - Sample: - J767612: Systematic sampling								
0	18.18	18.84	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE	J767613 J767614	18.33 18.83	18.83 19.56	0.50 0.73	0.246 -1.000	-1.00 0.74	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- As previously described; thinly laminated (55° CA) - Sample: - J767613: Systematic sampling								
0	18.84	19.56	I1N - QUARTZ VEINS ZONE - 80% pale grey, deformed, microfractured, coarse-grained QZ veins with Tr of SF; presence of CB; QZ-SR±phlogopite±SF forming pluricentimetric to decimetric envelopes (strongly altered felsic volcanic) within veins; no VG on core surface; U/C oriented at 50° CA; L/C oriented at 42° CA - Sample: - J767614: As per above description								
0	19.56	21.03	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; weakly foliated (40° CA); U/C is strongly BO+ and intersected by a deformed QZ vein (2 cm) oriented along S1; L/C oriented at 60° CA - Samples: - J767615 to J767617: Systematic sampling	J767615 J767616 J767617	19.56 20.06 20.81	20.06 20.81 21.56	0.50 0.75 0.75	0.051 0.071 0.032	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	21.03	21.76	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; thinly laminated (50° CA); absence of QZ veins and stringers; L/C oriented at 49° CA								
0	21.76	23.64	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; with thin QZ±CB stringers (<0.5 cm) oriented at 15° and 25° CA; L/C oriented at 45° CA; contacts are BO+								
0	23.64	24.96	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 5.69-11.38; weakly fractured at 15° and 55° CA; L/C oriented at 70° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	24.96	26.07	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 60° CA; contacts BO+ and oriented along S1								
0	26.07	29.89	V1 - FELSIC VOLCANIC - Same as 1.22-5.69; foliation oriented at 50° CA; 2 QZ veins (tw 2.5 & 6 cm) oriented along S1 and associated with Tr to 5% were intersected at 26.56-26.58 and 26.85-26.91; L/C oriented at 58° CA - Sample: - J767618: As per above description	J767618	26.50	27.00	0.50	0.536	-1.00	-1.00	-1.0
0	29.89	30.00	I2J - DIORITE - Brownish grey, weakly foliated, fine-grained (0.5 mm) intermediate rock; mainly composed of pale grey PG and 20% mafic minerals (BO±AM) aligned along S1 - EOH at 30 m								

End of Lithology and Assays ;

Hole: FDL-10-05

Easting (mE):	662385.68	**Northing (mN):**	5995026.93	**Elevation:**	430.05
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 22, 2010 **Finished:** November 23, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 133.67 g/T Au over 0.82 m (15.51-16.33)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	5.20	V1 - FELSIC VOLCANIC - Medium-grey to purplish gey, moderately foliated (5° CA), fine-grained (0.5-1 mm), felsic volcanic; mainly of PG, QZ and 5-7% BO and CL with minor amount of SR; Tr of finely disseminated SF (PO-PY); intersected by fine-grained AM+ mafic unit								
1	3.00	4.24	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, deformed and foliated (60° CA), fine-grained (0.25-0.5 mm) AM+ gabbro; composed of 60% green AM and 40% light grey PG; U/C fractured; L/C oriented at 60° CA								
2	4.24	4.28	- MAIN UNIT CONTINUES								
1	4.28	4.42	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; contacts oriented at 60° CA								
2	4.42	4.50	- MAIN UNIT CONTINUES								
1	4.50	4.53	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described								
2	4.53	4.64	- MAIN UNIT CONTINUES								
1	4.64	4.87	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; intersected by deformed QZ veins (1 cm) and stringers oriented along S1; slightly EP+								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
2	4.87	5.08	- MAIN UNIT CONTINUES								
1	5.08	5.20	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described								
0	5.20	9.89	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to purplish gey, moderately foliated (55° CA), medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and PG, 2-5% finer-grained BO and minor amount CL; PG±QZ forming anedral phenocrysts (4-5 mm); Tr of finely disseminated SF; weakly fractured unit (70°, 25° & 35° CA); few QZ veins (<1 cm) and stringers; locally sheared, SI+ and weakly SR+ (6.58-7.57); intersected by a fine-grained, AM+ and weakly BO+ mafic dyke - Samples: - J767954 to J767956: Systematic sampling	J767954 J767955 J767956	5.57 6.32 7.07	6.32 7.07 7.57	0.75 0.75 0.50	0.015 0.036 0.031	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	7.57	8.03	I1N - QUARTZ VEINS - Two light grey, coarse-grained (5-10 cm) QZ veins intersected from 7.57-7.69 and 7.95-8.03; Tr amount of PO and PY; contacts oriented at 60°-65° CA; microfractures oriented at 55° CA; veins are separated by a remnant of purplish grey, very fine-grained intermediate volcanic intersected by a strongly BO+, fine-grained mafic dyke; no VG was observed on core surface - Sample: - J767957: As per above description	J767957	7.57	8.07	0.50	-1.000	0.36	-1.00	-1.0
2	8.03	9.89	- MAIN UNIT CONTINUES - Foliation oriented at 60° CA; presence of QZ phenocrysts (5-7 mm); slightly EP+ along fractures oriented at 20° CA - Samples:	J767958 J767959 J767960	8.07 8.57 9.32	8.57 9.32 10.07	0.50 0.75 0.75	0.023 0.021 0.071	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J767958 & J767959: Systematic sampling								
0	9.89	10.60	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 50° CA - Samples: - J767960 & J767961: Systematic sampling	J767961	10.07	10.82	0.75	0.011	-1.00	-1.00	-1.0
0	10.60	10.76	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; contacts oriented at 40-45° CA								
0	10.76	12.50	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation varying from 40° to 50° CA - Samples: - J767962 & J767963: Systematic sampling	J767962 J767963 J767964	10.82 11.57 12.32	11.57 12.32 13.07	0.75 0.75 0.75	0.031 0.021 0.026	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	12.50	15.51	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Light grey to brownish grey, fairly laminated (55° CA), fine-grained (0.5 mm) intermediate tuff or greywacke; composed of an assemblage of FP, BO, AM; alternance of centimetric to decimetric wide greenish grey layers composed of FP±AM and brownish grey layers composed of FP-BO; presence of dark brown BO-rich and dark green AM-rich laminae (2-10 mm); Tr of dissseminated SF (PY and PO); moderately fractured unit at 55° and 30° CA - Samples: - J767964 to J767967: Systematic sampling	J767965 J767966 J767967	13.07 14.26 15.01	14.26 15.01 15.51	1.19 0.75 0.50	0.006 0.007 0.074	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	15.51	16.17	I1N Au - GOLD-BEARING QUARTZ VEIN - Three light grey, gold-bearing, deformed, coarse-grained QZ veins followed from 15.54-15.74 and 15.82-16.05 and 16.10-16.18; veins trending at 50°-55° CA; microfractures	J767968 J767969	15.51 15.96	15.96 16.33	0.45 0.37	-1.000 -1.000	92.70 183.50	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			mainly oriented at 55° and at low angle to CA; weakly mineralized with PO-PY; presence of SP and steel grey tellurides; veins are separated by pluricentimetric wide envelopes composed of variable amount of QZ-SR±BO±CL and a dark brown, very fine-grained- BO+ rich metasediment layer (2 cm); some 50 tiny pinpoints were observed on core surface at 15.72-15.76; 3 specks (1 mm) and some 40 pinpoints of VG between 16.12-16.14; U/C oriented at varying from 25° to 65° CA; L/C oriented at 50° CA - Samples: - J767968 & J767969: As per above description								
0	16.17	16.33	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described: strongly SI+ and weakly SR+								
0	16.33	17.22	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously decribed; foliation oriented at 60° CA; moderately BO+; contacts are well foliated and strongly BO+; U/C oriented at 65° CA; L/C oriented at 60° CA - Sample: - J767970: Systematic sampling	J767970	16.33	17.22	0.89	0.310	-1.00	-1.00	-1.0
0	17.22	17.83	I1N - QUARTZ VEIN - Pale grey, deformed, coarse-grained QZ vein followed from 17.28-17.83; upper wallrock consists of strongly SI+ and weakly SR, light grey to plurplish grey metafelsite; lower wallrock comprises Fleur de Lys sedimentary unit; strongly microfractured; SR-CL filling microfractures; Tr amount of PY; lower section (17.63-17.83) shows strongly deformed and dismembred QZ veins separated by SR-rich envelopes (1-10 mm); contacts oriented at 50° CA; no VG was observed on core surface - Sample: - J767971: As per above description	J767971	17.22	17.83	0.61	-1.000	3.13	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	17.83	20.45	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; layering oriented at 60° CA; L/C oriented at 65° CA - Samples: - J767972 to J767974: Systematic sampling - J767975: Blank - J767976: Systematic sampling	J767972 J767973 J767974 J767976 J767977	17.83 18.33 19.08 19.83 20.43	18.33 19.08 19.83 20.43 20.73	0.50 0.75 0.75 0.60 0.30	0.490 0.039 0.024 0.013 0.074	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
0	20.45	21.36	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; <1% QZ stringers (<0.5 mm) oriented along S1; L/C oriented at 50° CA - Samples: - J767977 & J767978: Systematic sampling	J767978	20.73	21.48	0.75	0.027	-1.00	-1.00	-1.0
0	21.36	22.99	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 55° CA								
0	22.99	23.85	V1 - FELSIC VOLCANIC - As previously described; partially recrystallized; contacts oriented at 60° CA								
0	23.85	25.43	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described								
0	25.43	30.00	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described								
1	25.76	25.86	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; strongly BO+								
2	25.86	25.94	- MAIN UNIT CONTINUES								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
1	25.94	26.05	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; well layered at 60°								
2	26.05	27.11	- MAIN UNIT CONTINUES								
1	27.11	27.21	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; contacts oriented at 50° CA								
2	27.21	27.29	- MAIN UNIT CONTINUES								
1	27.29	27.87	I2J [PO] - PORPHYRITIC DIORITE - Greenish grey, weakly foliated, porphyritic diorite dyke; composed of 10% AM-BO phenocrysts (2-5 mm) set in a fine-grained (0.5 mm) intermediate groudmass; Tr of disseminated PY-PO; contacts oriented at 55° CA								
2	27.87	29.46	- MAIN UNIT CONTINUES - light grey to pale green; EP+; fairly fractured at 30° CA								
1	29.46	29.85	I2J - DIORITE - Same as 27.29-27.87; contacts at 60° CA								
2	29.85	30.00	- MAIN UNIT CONTINUES - EOH at 30.00 m								

End of Lithology and Assays ;

Hole: FDL-10-06

Easting (mE):	662388.38	**Northing (mN):**	5995025.98	**Elevation:**	430.19
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 22, 2010 **Finished:** November 22, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 1.22 m of NW casing left in place; 13.20 g/T Au over 0.30 m (19.21-19.51)

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.22	OV - OVERBURDEN - 1.22 m of NW casing left in place								
0	1.22	4.29	V1 - FELSIC VOLCANIC - Medium-grey to purplish grey, moderately foliated (50° CA), fine-grained (0.5-1 mm), felsic volcanic volcanic; mainly of PG and QZ, 5-7% BO and minor amount of CL and SR; Tr of finely disseminated SF (PO-PY); intersected by fine-grained AM+ and BO+ mafic dykelets (1-10 cm) oriented along S1 - Sample: - 819959: No assay; sample collected for environnemental study only - J767979: Systematic sampling	J767979	2.37	3.12	0.75	0.070	-1.00	-1.00	-1.0
1	2.69	3.55	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, deformed and foliated (50° CA), fine-grained (0.25-0.5 mm) AM+ gabbro; weakly BO+ gabbro; composed of 60% green AM and 40% light grey PG; U/C oriented at 50° CA; L/C oriented at 60° CA - Samples: - J767980: QZ vein (tw 3 cm) intersecting moderately BO+ fine-grained gabbro at 60° CA	J767980 J767981	3.12 3.52	3.52 4.29	0.40 0.77	0.069 0.023	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
2	3.55	3.57	- MAIN UNIT CONTINUES								
1	3.57	3.86	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described								
2	3.86	3.92	- MAIN UNIT CONTINUES								
1	3.92	4.29	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described - Samples: - 819960 (duplicate of J767981): No assay; sample collected for								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			environnemental study only - J767981: Systematic sampling								
0	4.29	8.23	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to purplish gey, moderately foliated (55° CA), medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and PG, 2-5% finer-grained BO and minor amount CL; PG±QZ forming anedral phenocrysts (4-5 mm);Tr of finely disseminated SF; weakly fractured unit - Samples: - 819961 (duplicate of J767982): No assay; sample collected for environnemental study only - J767982: Systematic sampling	J767982 J767983	4.29 4.74	4.74 5.14	0.45 0.40	0.164 0.756	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	4.76	5.10	I1N - QUARTZ VEIN - Coarse-grained (1 cm) QZ vein (tw estimated to 0.21 m) followed from 4.80 to 5.10 m; Tr to 5% PY-PO filling microfractures oriented at 50° CA; minor amount of PG, CL and SR filling microfractures; lower wallrock is well foliated (45° CA), sheared, strongly SI+ and moderately SR+ over 0.15 m; U/C oriented at 70° CA; L/C oriented at 45° CA - Samples: - 819962 (duplicate of J767983): No assay; sample collected for environnemental study only - J767983: As per above description								
2	5.10	6.28	- MAIN UNIT CONTINUES - Samples: - J767984 & J767985: Systematic sampling	J767984 J767985 J767986	5.14 5.64 6.18	5.64 6.18 6.63	0.50 0.54 0.45	0.029 0.038 0.366	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	6.28	7.39	AM+ I3A - AMPHIBOLITIZED GABBRO	J767987 J767988	6.63 7.38	7.38 7.78	0.75 0.40	0.039 0.022	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- As previously described; foliation oriented at 45° CA; strongly deformed and BO+; intersected by 5% strongly deformed QZ veins (<4 cm) and stringers transposed along S1 - Samples: - J767986 & J767987: Systematic sampling								
2	7.39	8.23	- MAIN UNIT CONTINUES - Samples: - J767988: QZ vein (tw 2.5 cm) oriented at 50° CA - J767989: Systematic sampling	J767989	7.78	8.53	0.75	0.006	-1.00	-1.00	-1.0
0	8.23	10.78	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 50° CA; strongly SI+ metafelsite horizon intersected from 9.10-9.18 with contacts oriented at 50° CA; contacts oriented at 50° CA								
0	10.78	17.00	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Light grey to brownish grey, fairly laminated (45-55° CA), fine-grained (0.5 mm) intermediate tuff or greywacke; composed of an assemblage of FP, BO, AM; alternance of, centimetric to decimetric wide greenish grey layers composed of FP±AM and brownish grey layers composed of FP-BO; presence of dark brown BO-rich and dark green AM-rich laminae (2-10 mm); minor amount of SR; Tr of dissseminated SF (PY and PO); few QZ veins (<1 cm) oriented at 50° CA; no significant mineralization or alteration on wallrocks; moderately fractured unit at 55°, 30° CA and 15° CA; U/C oriented at 50° CA; L/C oriented at 45° CA; - Samples: - 819963 (duplicate of J767994): No assay; sample collected for environnemental study only	J767990 J767991 J767994 J767992	12.20 14.91 15.21 16.00	12.50 15.21 16.00 16.30	0.30 0.30 0.79 0.30	0.014 0.048 0.294 0.741	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J767990: QZ vein (1.5 cm) oriented at 50° CA; no significant mineralization or alteration on wallrocks - J767991: Pale grey to purplish grey, strongly SI+ and weakly SR+ felsic volcanic horizon intersected by a "Z" shaped QZ vein (1 cm) trending at 50° C - J767994: Systematic sampling - J767992: Deformed QZ vein (tw 1-2 cm) crosscutting FDL sedimentary unit at 40° CA; SR+ wallrocks with Tr amount of SF								
0	17.00	17.70	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 50° CA; contacts oriented at 50° CA								
0	17.70	19.44	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described - Sample: - J767993: Deformed QZ vein (tw min 3 cm) with contacts varying from 40° to subparallel to CA; located on contacts of FDL sedimentary unit and fine-grained, weakly PY+, AM+ gabbro	J767993	19.21	19.51	0.30	-1.000	25.50	13.20	-1.0
0	19.44	30.00	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 50° CA; weakly fractured								
1	19.44	20.18	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation and contacts oriented at 60° CA								
2	20.18	21.38	- MAIN UNIT CONTINUES								
1	21.38	22.09	V1 - FELSIC VOLCANIC - As previously described; contacts oriented at 50° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
1	22.09	24.70	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; U/C oriented at 45° CA; L/C oriented at 50° CA								
2	24.70	25.24	- MAIN UNIT CONTINUES								
1	25.24	25.59	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; weakly to moderately BO+; contacts oriented at 55° CA								
2	25.59	26.48	- MAIN UNIT CONTINUES								
1	26.48	26.69	I2J - DIORITE - Greenish grey, weakly foliated, porphyritic diorite dyke; composed of 10% AM-BO phenocryst (2-5 mm) set in a fine-grained (0.5 mm) intermediate groudmass; Tr of disseminated PY-PO; contacts oriented at 60° CA								
2	26.69	28.23	- MAIN UNIT CONTINUES								
1	28.23	28.64	I2J - DIORITE - Same as 26.48-26.69; contacts oriented at 60° CA								
2	28.64	30.00	- MAIN UNIT CONTINUES - Foliation oriented at 55° CA - EOH at 30 m								

End of Lithology and Assays ;

Hole: FDL-10-07

Easting (mE):	662382.95	**Northing (mN):**	5995038.60	**Elevation:**	430.06
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	39.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 25, 2010 **Finished:** November 25, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 1.5 m of NW casing left in place; 6.24 g/T Au over 1.01 m (23.19-24.20) & 5.60 g/T Au over 0.66 m (24.70-25.36)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.50	OV - OVERBURDEN								
0	1.50	13.29	V1 - FELSIC VOLCANIC - Pale grey to purplish gey, moderately foliated (50° CA), fine-grained (0.5-1 mm), felsic volcanic; mainly of PG and QZ, 5% BO and minor amount of SR (2-5%) and CL; Tr of finely disseminated SF (PO-PY); presence of centimetric wide, whitish bands with coarser-grained BO, whitish PG and CL resulting from possible SI+ and partial recrystallization; weakly fractured at 10° and 50° (opposite to S1) CA; intersected by <5% fine-grained AM+ mafic and fine-grained diorite dykelets								
0	13.29	14.96	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (45° CA), aphanitic to very fine-grained AM+ basalt; Tr of disseminated SF; 1% QZ±SF veins (1 cm) and stringers oriented along S1; EP+, ±CB+, coarser-grained AM and possible K FP on wallrocks; moderately fractured at 55° and 65° CA; U/C is slightly BO+ and oriented at 50° CA; L/C oriented at 55° CA								
0	14.96	15.30	V1 - FELSIC VOLCANIC - As previously described; foliation oriented at 45° CA; L/C oriented at 40° CA								
0	15.30	15.58	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described; L/C oriented at 45° CA								
0	15.58	15.67	V1 - FELSIC VOLCANIC - As previously described; L/C oriented at 45° CA								
0	15.67	16.67	AM+ V3B - AMPHIBOLITIZED BASALT								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- As previously described; foliation oriented at 40° CA; L/C is deformed, moderately BO and interlayered with the underlying unit; L/C oriented at 50° CA								
0	16.67	22.69	V1 [I1D]	J767755	20.69	21.44	0.75	0.026	-1.00	-1.00	-1.0
			- FELSIC VOLCANIC / DEFORMED	J767756	21.44	22.19	0.75	0.027	-1.00	-1.00	-1.0
			TONALITE - LAC D'AIGUILLON FELSIC UNIT	J767757	22.19	22.69	0.50	0.056	-1.00	-1.00	-1.0
			- Medium-grey to purplish gey, moderately foliated (45°-50° CA), fairly to strongly SI+, medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and PG, 2-5% finer-grained BO and minor amount CL; 2-5% deformed QZ phenocrysts (5-7 mm) forming eyes or very thin stringers stretched along S1; Tr of finely disseminated SF; weakly fractured unit; few QZ veins (<1 cm) and stringers; intersected by a fine-grained, AM+ and weakly BO+, deformed mafic dyke (16.73-16.85); interlayered with deformed felsic volcanic and fine-grained AM+ and BO+ mafic dykelets intersected from 17.46-17.80 with contacts oriented at 40° CA; U/C oriented at 50° CA; L/C is fractured								
			- Samples:								
			- J767755 to J767757: Systematic sampling								
0	22.69	25.55	I1N Au	J767758	22.69	23.19	0.50	-1.000	1.34	-1.00	-1.0
			- AURIFEROUS QUARTZ VEIN	J767759	23.19	23.70	0.51	-1.000	1.08	-1.00	-1.0
			- Pale grey with pale rusty alteration, fractured, coarse-grained (0.5-1 cm) QZ vein intersected from 22.69 to 25.36; weakly mineralized (<1%) with PY and PO filling fractures at 30°, 40° and 50° CA; minor amount of SR, CL and whitish PG filling fractures; fairly fractured QZ vein; veins hosted in strongly SI+ Lac d'Aiguillon felsic unit; one pinpoint of VG was observed on core surface at 23.88 m; wallrocks are strongly SI+ over 15-20 cm; U/C oriented at 50° CA; L/C oriented at 55° CA	J767760	23.70	24.20	0.50	-1.000	11.50	-1.00	-1.0
				J767761	24.20	24.70	0.50	-1.000	0.09	-1.00	-1.0
				J767762	24.70	25.36	0.66	-1.000	5.60	-1.00	-1.0
				J767763	25.36	25.86	0.50	0.129	-1.00	-1.00	-1.0
			- Samples:								
			- J767758 to J767762: As per above description								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	25.55	28.00	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, foliated (60° CA), fine-grained (1 mm), AM+ gabbro; weakly fractured along S1 and 40° CA; L/C oriented at 50° CA - Samples: - J767763 to J767766: Systematic sampling	J767764 J767765 J767766	25.86 26.61 27.36	26.61 27.36 28.26	0.75 0.75 0.90	0.029 0.043 0.025	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	28.00	30.56	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Medium grey to brownish grey, well laminated (45° CA), fine-grained (0.5-1 mm) intermediate tuff or greywacke; composed of an assemblage PG, AM and BO; alternance of plurimillimetric to centimetric wide, medium-grey PG-rich laminae and dark brown to green laminae composed of BO±AM; laminations resulting from variation of mafic minerals content; Tr amount of pale rose subedral (0.25-0.5 mm) GR; Tr-1% dissseminated SF (PY and PO); <1% QZ stringers (<0.5 cm) transposed along S1; L/C oriented at 50° CA - Samples: - J767767 to J767769: Systematic sampling	J767767 J767768 J767769	28.26 29.26 30.26	29.26 30.26 31.01	1.00 1.00 0.75	0.005 0.065 0.249	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	30.56	31.55	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, foliated (55° CA), fine-grained (1 mm), moderately to fairly BO+ gabbro dyke; upper contact intersected by 3 deformed QZ veins (1 cm) oriented along S1; L/C is strongly BO+ and crosscutted by 70% strongly deformed QZ veins (1.5-6 cm), intesected from 31.32 to 31.55, and trending at 40° CA; a thin interval of SI+ felsic volcanic crosscutted by intermediate dykelet (1 cm) with contacts oriented at 55° CA encountered from 30.93 to 31.02 - Sample: - J767770: As per above description	J767770 J767771	31.01 31.51	31.51 32.04	0.50 0.53	0.220 -1.000	-1.00 0.10	-1.00 -1.00	-1.0 -1.0
0	31.55	32.00	I1N - QUARTZ VEIN - Pale grey with pale rusty alteration, fractured, coarse-grained (0.5-1 cm) QZ vein								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			intersected from 31.55 to 32.00; weakly mineralized (<1%) with PY and PO filling fractures; fairly fractured QZ vein; veins hosted in strongly SI+ metafelsite forming thin wallrocks; no VG was observed on core surface; U/C oriented at 43° CA; L/C oriented at 45° CA - Sample: - J767771: As per above description								
0	32.00	33.82	AM+ I3A - AMPHIBOLITIZED GABBRO - Same as 30.56-31.55; foliation oriented at 55° CA; 1-2% QZ stringers (<1 cm) oriented along S1; L/C oriented at 50° CA - Samples: - J767772 to J767774: Systematic sampling - J767775: Blank	J767772 J767773 J767774	32.04 32.54 33.29	32.54 33.29 33.82	0.50 0.75 0.53	0.032 0.044 0.040	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	33.82	35.25	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 55° CA; SI+; L/C oriented at 50° CA - Sample: - J767776: Systematic sampling	J767776	33.82	34.57	0.75	0.012	-1.00	-1.00	-1.0
0	35.25	35.51	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Purplish brown, very fine-grained metafelsite; mainly composed of PG, 20% finer-grained BO with minor amount of AM/CL; presence of thin, millimetric to plurimillimetric wide, BO or AM-rich laminae oriented at 55° CA; intersected by fine-grained (1 mm) mafic dykelet oriented along S1; L/C oriented at 42° CA								
0	35.51	37.63	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; foliation oriented at 43° CA; CB filling low angle fracture at 10° CA; <1% QZ stringers (<0.5 mm) oriented along S1; weakly fractured at 35°, 50° and 60° CA; L/C is BO+ and injected by deformed	J767777	37.14	37.89	0.75	0.077	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			QZ stringers (<1 cm); L/C oriented at 50° CA - Sample: - J767777: Systematic sampling								
0	37.63	39.00	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 65° CA; sheared and slightly SR+; intersected by a fine-grained, moderately BO+ mafic dyke at 37.92-38.00 with contacts oriented along S1 - Samples: - J767778: Deformed QZ vein (tw <3 cm) oriented at 60° CA; Tr of PY - J767779: Systematic sampling - EOH at 39.00 m	J767778 J767779	37.89 38.29	38.29 39.00	0.40 0.71	0.060 0.024	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

End of Lithology and Assays ;

Hole: FDL-10-08

Easting (mE):	662385.83	**Northing (mN):**	5995037.63	**Elevation:**	429.91
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	39.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 24, 2010 **Finished:** November 25, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 15.00 g/T Au over 0.30 m (19.65-19.95; 10.33 g/T Au over 1.63 m (21.14-22.77) & 6.65 g/T Au over 0.45 m (23.27-23.72)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	11.47	V1 - FELSIC VOLCANIC - Medium-grey, weakly foliated (55° CA), fine-grained (1 mm), felsic volcanic; mainly composed of PG and QZ, 5% BO with minor amount of SR (2-5%) and CL; Tr of finely disseminated SF (PO-PY); presence of centimetric wide, whitish bands with coarser-grained BO, whitish PG and CL resulting from possible SI+ and partial recrystallization								
1	7.10	7.25	AM+ I3A - AMPHIBOLITIZED GABBRO - Greenish grey to brownish, fine-grained (1 mm) AM+ and BO+ gabbro; contacts oriented at 60° CA								
2	7.25	7.89	- MAIN UNIT CONTINUES								
1	7.89	8.31	I2J - DIORITE - Brownish grey, weakly foliated (52° CA), very fine-grained (0.25-0.5 mm) diorite dyke; composed of equal amount of light grey PG and mafic minerals (BO & AM); Tr of disseminated PY; contacts oriented at 58° CA								
2	8.31	11.47	- MAIN UNIT CONTINUES								
0	11.47	12.77	AM+ V3B / I3A - AMPHIBOLITIZED BASALT / GABBRO - Dark green, thinly foliated (50° CA), fine to very fine-grained AM+ basalt / gabbro; Tr of disseminated SF; 1% QZ±SF veins (1 cm) and stringers oriented along S1; EP+, ±CB+, coarser-grained AM and possible K FP on wallrocks; moderately fractured at 55° and 65° CA; U/C is slightly BO+ and oriented at 60° CA; L/C oriented at 55° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	12.77	14.22	V1 - FELSIC VOLCANIC - As previously described; intersected by 2 fine-grained AM+ gabbro dykes								
1	13.25	13.46	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, weakly foliated, fine-grained AM+ and weakly BO+ gabbro; intersected by 1% QZ veins (1 cm) and stringers oriented along S1								
2	13.46	13.59	- MAIN UNIT CONTINUES								
1	13.59	14.22	AM+ I3A - AMPHIBOLITIZED GABBRO - Same as 13.25-13.46								
0	14.22	21.09	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to purplish gey, moderately foliated (50° CA), fairly to strongly SI+, medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and PG, 2-5% finer-grained BO and minor amount CL; 2-5% deformed QZ phenocrysts (5-7 mm) forming eyes or very thin stringers stretched along S1; Tr of finely disseminated SF; weakly fractured unit; interlayered with deformed felsic volcanic and fine-grained AM+ and BO+ mafic dykelets intersected from 15.10-15.42 with contacts oriented at 50° CA - Samples: - J767812: Systematic sampling - J767813: Light grey coarse-grained QZ vein followed from 19.69 to 19.88; crosscutting contact of felsic volcanic and BO+ fine-grained gabbro; oriented at 57° CA - J767814: Systematic sampling	J767812 J767813	18.90 19.65	19.65 19.95	0.75 0.30	0.103 -1.000	-1.00 11.10	-1.00 18.90	-1.0 -1.0
1	19.89	20.29	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; weakly to	J767814	19.95	20.55	0.60	0.019	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			moderately BO+; U/C is strongly BO+ and oriented at 50° CA; L/C oriented at 50° CA								
2	20.29	20.42	- MAIN UNIT CONTINUES								
1	20.42	21.09	AM+ I3A - AMPHIBOLITIZED GABBRO - Same as 19.89-20.29 - Sample: - J767815: Systematic sampling	J767815	20.55	21.14	0.59	0.121	-1.00	-1.00	-1.0
0	21.09	21.50	I1N - QUARTZ VEIN - Pale grey, coarse-grained (1 cm) QZ vein followed from 21.14 to 21.50; rusty alteration surface; hosted in strongly SI+ and SR+ felsic volcanic; strongly fractured and broken core; fractures oriented at 10° and 55° CA; <1%PY-PO; U/C oriented at 50° CA; L/C is fractured - Sample: - J767816: As per above description	J767816	21.14	21.74	0.60	-1.000	2.55	-1.00	-1.0
0	21.50	21.95	SI+ SR+ V1 [I1D] - SILICIFIED AND SERICITIZED FELSIC VOLCANIC - Strongly SI+ and moderately SR+, pale grey to purplish grey metafelsite - sheared felsic volcanic; foliation oriented at 45° CA; 0.5% PO-PY; intersected by a fine-grained, BO+ gabbro dyke (21.50-21.59)	J767817	21.74	22.24	0.50	-1.000	3.07	-1.00	-1.0
0	21.95	22.77	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey, coarse-grained (1 cm), microfractured QZ vein followed from 21.95 to 22.77; rusty alteration surface; minor amount of SR and CL filling fracures; hosted in strongly SI+ and SR+ felsic volcanic; with strongly fractured and broken core intervals; fractures oriented at 10° and 55° CA; <1%PY-PO; a pinpoint of VG was observed on upper wallrock at 21.94; a speck of VG within a pice of broken core at 22.50; 4 pinpoints on surface of a piece of broken core at 22.60; and 3 pinpoints of VG on core surface at	J767818	22.24	22.77	0.53	-1.000	26.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			22.69; U/C oriented at 40° CA; L/C oriented at 50° CA - Samples: - J767817 & J767818: As per above description								
0	22.77	24.21	SI+ SR+ V1 [I1D] - SILICIFIED AND SERICITIZED FELSIC VOLCANIC - Same as 21.50-21.95; foliation oriented at 60° CA; intersected by 3 fine-grained, BO+ mafic dykelets varying from 6 to 11 cm and oriented along S1; 0.5% disseminated PO and PY; L/C oriented at 55° CA; deformed QZ vein oriented at 50° CA and intersected at 23.78 m - Samples: - J767819 to J767821: As per above description	J767819 J767820 J767821	22.77 23.27 23.72	23.27 23.72 24.25	0.50 0.45 0.53	0.409 6.650 0.440	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	24.21	25.39	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 50° CA; L/C oriented at 55° CA - Samples: - J767822 and J767823: Systematic sampling	J767822 J767823	24.25 24.85	24.85 25.60	0.60 0.75	0.031 0.017	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	25.39	27.15	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Medium grey to brownish grey, well laminated (40-50° CA), fine-grained (0.5-1 mm) intermediate tuff or greywacke; composed of an assemblage PG, AM and BO; alternance of plurimillimetric to centimetric wide, medium-grey PG-rich laminae and dark brown to green laminae composed of BO±AM; Tr amount of pale rose subedral (0.25-0.5 mm) GR; Tr-1% dissseminated SF (PY and PO); <1% QZ stringers (<0.5 cm) transposed along S1; L/C oriented at 60° CA - Samples: - J767824: Systematic sampling - J767825: Blank - J767826: Systematic sampling	J767824 J767826 J767827	25.60 26.40 26.90	26.40 26.90 27.40	0.80 0.50 0.50	0.087 0.163 0.697	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	27.15	30.59	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, foliated (55° CA), fine-grained (1 mm), moderately to fairly BO+ gabbro; crosscutted by 1% strongly deformed QZ veins (1-8 cm) with strongly BO+ wallrocks intersected from 27.15 to 28.50 - Samples: - J767827: Light grey, coarse-grained QZ vein (tw 8 cm) oriented at 60° CA - J767828 to J767830: Systematic sampling	J767828 J767829 J767830	27.40 27.90 28.65	27.90 28.65 29.40	0.50 0.75 0.75	0.097 2.500 0.057	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	30.59	31.17	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Greenish grey to brownish grey, moderately foliated (30° CA), intermediate tuff or greywacke; composed of 40-50% AM±BO flattened lithic clasts (5-10 mm) set in a fine-grained intermediate groundmass composed of PG, AM and BO; Tr-1% dissseminated SF (PY and PO); <1% QZ stringers (<0.5 cm) transposed along S1; L/C fractured								
0	31.17	31.45	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; L/C oriented at 55° CA								
0	31.45	33.77	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; upper contact is deformed and intersected by fine-grained diorite dykes intersected from 31.45-31.63 & 31.75-31.81; interlayred with thin fine-grained felsic volcanic (32.16-32.24); L/C oriented at 60° CA - Sample: - J767831: Systematic sampling	J767831	33.28	34.03	0.75	0.486	-1.00	-1.00	-1.0
0	33.77	39.00	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 60° CA; weakly fractured unit (60° and at very	J767832 J767833	34.03 34.33	34.33 35.08	0.30 0.75	0.844 0.211	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			low angle to CA) - Samples: - J767832: QZ vein (tw 5 cm) intersecting felsic volcanic at 60° CA - J767833: Systematic sampling								
1	37.49	38.03	I2J [PO] - PORPHYRITIC DIORITE - Brownish grey, weakly foliated (55° CA), porphyritic diorite composed of 10% AM-BO phenocryst (3-7 mm) (aligned along S1) set in a very fine-grained (0.25-0.5 mm) intermediate groundmass; contacts oriented at 40° CA								
2	38.03	38.20	- MAIN UNIT CONTINUES								
1	38.20	38.95	I2J [PO] - PORPHYRITIC DIORITE - Same as 37.49-38.03; EP+; contacts oriented at 60° CA								
1	38.95	39.00	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - As previously described; with PG slightly EP+								

End of Lithology and Assays ;

Hole: FDL-10-09

Easting (mE):	662388.59	**Northing (mN):**	5995036.77	**Elevation:**	429.94
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	39.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 24, 2010 **Finished:** November 24, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 6.10 g/T Au over 2.85 m (16.00-18.85) & 31.80 g/T Au over 0.58 m (24.07-24.65)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3.00 m of NW casing left in place								
0	3.00	12.98	V1 - FELSIC VOLCANIC - Medium-grey, moderately foliated (50° CA), fine-grained (0.5-1 mm), weakly SR+ felsic volcanic; composed of PG and QZ, 3-7% BO with minor amount of SR (2-5%) and CL; Tr of finely disseminated SF (PO-PY); weakly fractured at 24° CA; intersected by few, centimetric to pluridecimetric wide, fine-gained AM+ mafic dykes and brownish grey, fine-grained diorite dykes								
1	7.50	7.92	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, deformed and foliated (55° CA), fine-grained AM+ gabbro; BO+ gabbro intersected by 3 deformed QZ veins (1-3 cm) transposed along S1; broken core; contacts oriented at 55° CA - Sample: - J767619: As per above description	J767619	7.50	8.00	0.50	0.019	-1.00	-1.00	-1.0
2	7.92	8.03	- MAIN UNIT CONTINUES								
1	8.03	8.10	I2J - DIORITE - Brownish grey, weakly foliated (48° CA) fine-grained (1 mm) diorite dyke; composed of equal amount of light grey PG and mafic minerals (BO-AM); Tr of disseminated SF; contacts oriented 70° CA								
2	8.10	8.40	- MAIN UNIT CONTINUES								
1	8.40	8.79	I2J - DIORITE - As previously described; U/C oriented at 55° CA; L/C oriented at 60° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
2	8.79	10.86	- MAIN UNIT CONTINUES - Sample: - J767620: 2 QZ veins (2 cm) oriented at 60° CA; no significant alteration on wallrocks	J767620	9.87	10.17	0.30	0.022	-1.00	-1.00	-1.0
1	10.86	11.32	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; BO+ and EP+; injected by 2% deformed QZ stringers (0.5 cm) transposed along S1; with thin interval of purplish grey, fine-grained felsic volcanic								
1	11.32	12.11	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, thinly foliated (54° CA), very fine-grained (0.5 mm) AM+ gabbro or basalt; Tr of disseminated SF; <1% QZ stringers oriented at 50° CA; weakly fractured at 30° CA with PY filling; contacs oriented at 55° CA								
1	12.11	12.40	SI+ V1 - SILICIFIED FELSIC VOLCANIC - As previously described; strongly SI+ and weakly EP+; foliation oriented at 55° CA								
1	12.40	12.65	AM+ I3A - AMPHIBOLITIZED GABBRO - Same as 11.32-12.11								
1	12.65	12.82	SI+ V1 - SILICIFIED FELSIC VOLCANIC - As previously described; SI+ purplish grey felsic volcanic								
1	12.82	12.98	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described								
0	12.98	16.10	V1 [I1D]	J767621	14.00	14.75	0.75	0.015	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to purplish gey, moderately foliated (60° CA), SI+ porphyritic partially recrystallized felsic volcanic / deformed tonalite; composed of 25% anedral PG-FP phenocrysts (2 mm) set in a finer-grained felsic goundmass composed of PG and QZ, 2-7% finer-grained BO and minor amount CL; 2-5% deformed QZ phenocrysts (< 5 mm) forming eyes or very thin stringers stretched along S1; Tr of finely disseminated SF; weakly fractured unit (25° CA); intersected by a fine-grained AM+ and weakly BO+ mafic dyke (15.09-15.34); lower contact is strongly SI+ from 15.34 to 16.10; U/C oriented at 54° CA; L/C oriented at 60° CA - Samples: - J767621 to J767623: Systematic sampling	J767622	14.75	15.50	0.75	0.015	-1.00	-1.00	-1.0
1	15.09	15.34	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; fairly BO+								
2	15.34	16.10	- MAIN UNIT CONTINUES	J767623	15.50	16.00	0.50	0.269	-1.00	-1.00	-1.0
				J767624	16.00	16.45	0.45	-1.000	3.23	-1.00	-1.0
0	16.10	20.09	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey with rusty alteration surface, coarse-grained (0.5-1 cm), microfractured QZ vein followed from 16.10 to 19.80; hosted in strongly SI+ and weakly SR+, pale grey to purplish felsic volcanic; microfractures with rusty alterationt are oriented at 51° and 30° CA; Tr-3% PY filling microfractures oriented; SR-CL-PY forming thin envelope (<5 mm) oriented at 30° and 51° CA; minor amount of CB; one pinpoints of VG on core surface at 16.12; L/C oriented at 50° CA; lower wallrocks is tightly folded with fold axis oriented at 35° CA - Samples: - J767624: As per above description; one pinpoint of VG on core surface at 16.12 m - J767625: Standard - J767626 to J767631: As per above description	J767626	16.45	17.05	0.60	-1.000	17.10	-1.00	-1.0
				J767627	17.05	17.65	0.60	-1.000	3.38	-1.00	-1.0
				J767628	17.65	18.25	0.60	-1.000	0.91	-1.00	-1.0
				J767629	18.25	18.85	0.60	-1.000	5.14	-1.00	-1.0
				J767630	18.85	19.45	0.60	-1.000	0.09	-1.00	-1.0
				J767631	19.45	20.11	0.66	-1.000	0.34	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	20.09	21.39	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 51° CA; L/C oriented along S1 - Samples: - J767632 & J767633: Systematic sampling	J767632 J767633 J767634	20.11 20.51 21.21	20.51 21.21 21.81	0.40 0.70 0.60	0.026 0.011 0.026	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	21.39	23.49	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; with thin BO-rich laminations (1-5 mm) oriented at 60° CA; U/C oriented at 60° CA; L/C oriented at 40° CA - Samples: - J767634 to J767636: Systematic sampling	J767635 J767636 J767637	21.81 22.56 23.31	22.56 23.31 24.07	0.75 0.75 0.76	0.093 0.050 0.049	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	23.49	24.07	V1 - FELSIC VOLCANIC - Purplish grey SI+ and weakly SR+; foliation oriented at 45° CA - Sample: - J767637: Systematic sampling								
0	24.07	24.65	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey, coarse-grained (1 cm) QZ vein followed from 24.07 to 24.61; hosted in strongly SI+ and SR+ felsic volcanic; <1%PY-PO with possible SP and steel grey tellurides filling microfractures oriented at 18° and 53° CA; 3 tiny pinpoints of VG observed on core surface at 24.17; L/C oriented at 50° CA - Sample: - J767638: As per above description	J767638	24.07	24.65	0.58	-1.000	31.80	-1.00	-1.0
0	24.65	25.23	FDL V2 [TUF]? / S3? / V1 - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE / FELSIC VOLCANIC - Heterogeneous unit comprises interlayered decimetric wide bands of intermediate tuff or greywacke and SI+ felsic volcanic; contacts oriented at 60° CA - Samples: - J767639: Systematic sampling	J767639	24.65	25.40	0.75	0.035	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	25.23	25.86	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 62° CA; fractures oriented at 24° CA with CB filling. - Sample: - J767640: Systematic sampling	J767640	25.40	26.15	0.75	0.064	-1.00	-1.00	-1.0
0	25.86	26.70	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; laminations oriented at 34° CA; fractures at 20° CA with CB filling - Sample: - J767641: Systematic sampling	J767641 J767642	26.15 26.60	26.60 27.20	0.45 0.60	0.254 -1.000	-1.00 0.39	-1.00 -1.00	-1.0 -1.0
0	26.70	27.09	I1N - QUARTZ VEIN - Pale grey, microfractured, coarse-grained (0.5- 1 cm) QZ vein followed from 26.70 to 27.11; <1%PY-PO; thin envelopes of SR±BO; AM-EP and possible pale rose K FP filling fractures; U/C oriented at 40° CA; L/C oriented at 53° CA - Sample: - J767642: As per above description								
0	27.09	31.64	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; foliation oriented at 50° CA; moderately to weakly BO+ (decreasing at depth); upper contact (27.09-27.65) is injected by 5% deformed QZ veins (<2 cm) and stringers oriented along S1 with strongly BO+ wallrocks; weakly fractured unit - Samples: - J767643 to J767645: Systematic sampling	J767643 J767644 J767645	27.20 27.95 28.70	27.95 28.70 29.45	0.75 0.75 0.75	0.292 0.054 0.075	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	31.64	33.30	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; SI+; foliation oriented at 48° CA; intersected by a brownish grey, fine-grained, intermediate dykelet (4								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			cm); weakly fractured at 20° CA								
0	33.30	33.50	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described; foliation oriented at 55° CA								
0	33.50	33.82	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; contacts oriented at 50° CA								
0	33.82	34.10	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - As previously described								
0	34.10	37.88	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; pale grey to purplish grey, well foliated (50° CA), SI+ and weakly SR+; moderately fractured at 10° and 45° CA; QZ phenocrysts (<5 mm) forming eyes stretched along S1; 1% QZ stringers (5 mm) transposed along S1								
0	37.88	38.35	I2J - DIORITE - Brownish grey, weakly foliated, fine-grained (0.5 mm) intermediate rock; mainly composed of pale grey PG and 20% mafic minerals (BO±AM) aligned along S1; Tr of PY								
0	38.35	38.44	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 34.10-37.88; contacts oriented at 58° CA								
0	38.44	39.00	I2J - DIORITE - Same as 37.88-38.35 - EOH at 39.00 m								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm

End of Lithology and Assays ;

Hole: FDL-10-10

Easting (mE):	662391.51	**Northing (mN):**	5995035.79	**Elevation:**	429.88
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	42.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 23, 2010 **Finished:** November 24, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 85.20 g/T Au over 1.46 m (12.18-13.64); 7.45 g/T Au over 0.30 m (22.12-22.42); & 6.16 g/T Au over 1.61 m (22.80-24.41)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN								
0	3.00	12.18	V1 - FELSIC VOLCANIC - Homogeneous unit comprises medium-grey, weakly foliated (58° CA), fine-grained (0.5-1 mm), weakly SR+ felsic volcanic; mainly of PG and QZ, 5% BO with minor amount of SR (2-5%) and CL; Tr of finely disseminated SF (PO-PY); weakly to moderately fractured at 5° and 60° CA								
1	7.73	8.38	I2J - DIORITE - Brownish grey, weakly foliated (60° CA), equigranular, fine-grained (0.5-1 mm) diorite dyke; composed of equal amount of light grey PG and mafic minerals (BO-AM); Tr of disseminated SF; contacts oriented 65° CA	J767834	7.95	8.70	0.75	0.006	-1.00	-1.00	-1.0
2	8.38	10.12	- MAIN UNIT CONTINUES - Samples: - J767834: Systematic sampling - J767835: Deformed, coarse-grained QZ vein (1.5) oriented at 55° CA; strongly SR+ wallrocks - J767836: Systematic sampling	J767835 J767836 J767837	8.70 9.00 10.08	9.00 10.08 10.33	0.30 1.08 0.25	0.026 0.040 0.066	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	10.12	11.63	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark green, foliated (55° CA), fine-grained (1 mm) AM+ gabbro; composed of 60% green AM and 40% light grey PG; Tr of disseminated PY; U/C oriented at 60° CA; L/C oriented at 48° CA - Samples: - J767837: Deformed, coarse-grained QZ vein (tw 3 cm) crosscutting fine-grained gabbro at	J767838 J767839 J767840	10.33 10.93 11.43	10.93 11.43 12.18	0.60 0.50 0.75	0.149 0.033 0.018	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			60° CA; QZ-EP-PY and possible K FP alteration on wallrocks - J767838 & J767839: Systematic sampling								
2	11.63	12.06	- MAIN UNIT CONTINUES - Partially recrystallized felsic volcanic; marbred aspect; presence of reddiish GR forming irrregular masses (1 cm) - Samples: - J767840: Systematic sampling								
1	12.06	12.18	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described								
0	12.18	15.68	SI+ SR+ V1 [I1D] - SILICIFIED AND SERICITIZED FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Purplish grey, well foliated (60° CA), fairly to strongly SI+ and SR+, sheared recrystallized felsic volcanic / deformed tonalite; composed of variable amount of QZ, SR, PG, 2-5% finer-grained BO and reddish brown phlogopite; Tr of finely disseminated SF; 15-20% anedral PG-QZ phenocrysts (3 mm); 2-5% deformed QZ phenocrysts (3-7 mm) forming eyes or stretched along S1; weakly fractured unit; intersected by fine-grained AM+ and moderately to strongly BO+ gabbro; hosts a pluridecimetric wide, coarse-grained, auriferous QZ vein - Sample: - J767841: Systematic sampling	J767841	12.18	12.61	0.43	-1.000	12.85	10.70	-1.0
1	12.61	12.96	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey, deformed, coarse-grained (0.5-0.7 cm), microfractured QZ vein followed from 12.61-12.96; hosted in strongly SI+ and moderaley SR+,	J767842	12.61	12.97	0.36	-1.000	284.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			purplish grey, sheared felsic volcanic; 1% PY on wallrocks; microfractures with 50° and 10° CA; minor amount of CB; 3 specks and some 25 pinpoints of VG were observed on core surface; U/C oriented at 18° CA; L/C oriented at 30° CA (opposite) - Sample: - J767842: As per above description								
2	12.96	14.26	- MAIN UNIT CONTINUES - Samples: - J767843: Lower wallrock of the gold-bearing QZ vein; strongly SI+ and moderately SR+ shear zone; a speck (1 mm) of VG at 13.46, and 2 pinpoints at 13.48 and 13.54 were observed in deformed QZ stringers (0.5 cm) oriented at 50°-60° CA - J767844: Systematic sampling	J767843 J767844	12.97 13.64	13.64 14.26	0.67 0.62	-1.000 0.068	23.90 -1.00	-1.00 -1.00	-1.0 -1.0
1	14.26	14.59	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; fairly BO+; foliation oriented at 60° CA - Sample: - J767845: Systematic sampling	J767845 J767846	14.26 14.57	14.57 14.87	0.31 0.30	0.120 0.869	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	14.59	14.82	I1N - QUARTZ VEINS - Two coarse-grained QZ veins (tw 3 & 12 cm) oriented at 60° CA; located on contacts of strongly SI+ and weakly SR+ metafelsite - sheared felsic volcanic and moderaty BO+ gabbro dyke; BO±PY (3%) and SR forming envelopes (0.5-1.5 cm) oriented at 60° CA; weakly mineralized with SF; contacts are oriented at 60° CA - Sample: - J767846: As per above description								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
2	14.82	15.68	- MAIN UNIT CONTINUES - Foliation oriented at 60° CA; less altered - Sample: - J767847: Systematic sampling	J767847	14.87	15.68	0.81	0.030	-1.00	-1.00	-1.0
0	15.68	19.10	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; weakly to moderately BO+; foliation oriented at 55° CA; 1% QZ stringers transposed along S1; 4 whitish, coarse-grained QZ veins (1-20 cm) spaced at 0.4-0.6 m interval intersected from 15.79 to 17.57; any significant mineralization or alteration on wallrocks; U/C oriented at 50° CA; L/C oriented at 45° CA - Samples: - J767848 & J767849: Systematic sampling - J767850: Blank - J767851 & J767852: Systematic sampling	J767848 J767849 J767851 J767852	15.68 16.52 17.27 17.69	16.52 17.27 17.69 18.44	0.84 0.75 0.42 0.75	0.025 0.309 0.024 0.157	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	19.10	25.56	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Brownish to greenish grey, well laminated (50° CA), fine-grained (0.5-1 mm) intermediate tuff or greywacke; composed of an assemblage QZ, PG, AM and BO; alternance of centimetric wide, medium-grey PG-rich laminae and dark brown and dark green, millimetric to plurimillimetric wide, laminae composed of BO/AM; 3, pluridecimetric to metric wide, coarse-grained QZ veins which one is associated with VG were intersected; Tr-1% dissseminated SF; L/C oriented at 60° CA - Samples: - J767853 & J767854: Systematic sampling	J767853 J767854	20.93 21.68	21.68 22.12	0.75 0.44	0.020 0.066	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	22.12	22.36	I1N - QUARTZ VEIN - 2 strongly deformed, folded, coarse-grained QZ veins (tw 7 cm) with contacts oriented at 65° CA; Tr of disseminated SF; presence of whitish PG and SR with minount of	J767855	22.12	22.42	0.30	7.450	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			EP and CL; veins are separated by a strongly SI+, purplish grey metafelsite horizons (4 cm); possible axial plane oriented at 35° CA - Sample: - J767855: As per above description								
2	22.36	23.20	- MAIN UNIT CONTINUES - Samples: - J767856: Systematic sampling - J767857: 10% deformed coarse-grained QZ veins (1-3 cm) and stringers oriented at 45° CA; Tr-1% PY	J767856 J767857 J767858	22.42 22.80 23.16	22.80 23.16 23.61	0.38 0.36 0.45	0.110 -1.000 -1.000	-1.00 19.80 6.85	-1.00 15.55 -1.00	-1.0 -1.0 -1.0
1	23.20	23.60	I1N Au - AURIFEROUS QUARTZ VEIN - Pale grey, coarse-grained (0.5-1 cm), microfractured QZ vein followed from 23.20-23.53; Tr-1% PO-PY filling fractures at 50° CA; fractures oriented at 5° CA; presence of CL filling fractures; minor amount of CB; a speck (1 mm) of VG was observed on core surface at 23.24; lower wallrock (5 cm) is strongly SI+, weakly SR+ and associated with 2% SF; ; U/C oriented at 50° CA; L/C oriented at 70° CA - Sample: - J767858: As per above description								
2	23.60	23.91	- MAIN UNIT CONTINUES - Foliation oriented at 60° CA - Sample: - J767859: Systematic sampling	J767859	23.61	23.91	0.30	0.485	-1.00	-1.00	-1.0
1	23.91	25.05	I1N - QUARTZ VEIN - Pale grey, coarse-grained (0.7-1 cm), microfractured QZ vein followed from 24.00-25.04; Tr of	J767860 J767861	23.91 24.41	24.41 25.08	0.50 0.67	-1.000 -1.000	0.66 1.16	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			PO-PY filling fractures at 50° CA; QZ-SR-EP±SF forming, centimetric wide, envelopes trending at 40° CA; presence of PG, EP, CL and CB; no VG was observed on core surface; U/C oriented at 50° CA; L/C oriented at 50° CA - Samples: - J767860 & J767861: As per above description								
2	25.05	25.56	- MAIN UNIT CONTINUES - Foliation oriented at 65° CA; interlayered with 2 fine-grained mafic horizons oriented at 55° CA and intersected from 25.11-25.25 and 25.56-25.71 - Samples: - J767862 & J767863: Systematic sampling	J767862	25.08	25.58	0.50	0.103	-1.00	-1.00	-1.0
0	25.56	28.60	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Medium-grey with purplish hue, weakly foliated (55° CA), very fine-grained (0.50 mm) metafelsite; mainly composed of QZ and PG, 7-10% finer-grained BO and minor CL; presence of very thin BO-rich laminae; intersected by very thin QZ stringers oriented at 20-25° CA; weakly fractured at 25° and 60° CA	J767863	25.58	26.30	0.72	0.043	-1.00	-1.00	-1.0
1	27.41	28.60	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; intersected by a QZ-CB stringer (2 mm) oriented at low angle and following CA from 27.72 to 28.31; U/C oriented at 57° CA; L/C oriented at 55° CA								
0	28.60	29.59	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			50° CA								
0	29.59	30.85	V1 - FELSIC VOLCANIC - Pale grey to medium-grey with pale green hue, weakly foliated (55° CA), medium-grained (1 mm) felsic volcanic mainly composed of QZ and PG, 5-10% finer-grained BO and CL (up to 10%); presence of MG; partially recrystallized; Tr of disseminated SF; L/C oriented at 55° CA								
0	30.85	32.71	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; moderately to fairly BO+; fractures oriented at 20° and 40° CA; L/C oriented at 60° CA - Samples: - J767864 & J767865: Systematic sampling	J767864 J767865	31.55 32.30	32.30 32.80	0.75 0.50	0.038 0.055	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	32.71	42.00	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 50° CA; sheared, SI+ and weakly SR+; alteration increases at depth; intersected by fine-grained AM+ and BO+ gabbro dykelets (5-20 cm) and medium-grained and porphyritic diorite forming pluridecimetric wide dykes; numerous fractures oriented at 10°, 25°, 30° and 60° CA - Samples: - J767866: 40% deformed, microfractured QZ veins (tw 6 cm) and stringers (<1 cm) with minor amount of PY and SP; hosted in strongly SI+ and weakly SR+ shear zone (60° CA) - J767867 & J767868: Systematic sampling	J767866 J767867 J767868	32.80 33.10 33.80	33.10 33.80 34.55	0.30 0.70 0.75	1.740 0.046 0.227	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	34.13	34.60	I2J [PO] - PORPHYRITIC DIORITE - Medium-grey, weakly foliated (47° CA), medium-grained (1 mm) diorite dyke; composed of 30% AM-BO phenocrysts (2-5 mm) set in a fine-grained intermediate (PG-AM-								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			BO) groudmass; U/C oriented at 50° CA; L/C oriented at 60° CA								
2	34.60	36.21	- MAIN UNIT CONTINUES								
1	36.21	36.70	I2J - DIORITE - Same as 34.13-34.60								
2	36.70	40.86	- MAIN UNIT CONTINUES - Sample: - J767869: Strongly SI+ and weakly SR+ sheared felsic volcanic intersected by a QZ vein (1 cm) oriented at 40° CA; walrocks are weakly EP+ with minor amount of CL and PY	J767869	38.28	38.78	0.50	0.395	-1.00	-1.00	-1.0
1	40.86	41.36	I2J - DIORITE - Same as 34.13-34.60; upper contact is faulted with strong CL and BO alteration; strongly fractured with intervals of broken core								
2	41.36	42.00	- MAIN UNIT CONTINUES - Sample: - J767870: Fractured QZ vein (tw 6 cm) crosscutting contact of diorite and felsic volcanic - EOH at 42.00 m	J767870	41.70	42.00	0.30	0.039	-1.00	-1.00	-1.0

End of Lithology and Assays ;

Hole: FDL-10-11

Easting (mE):	662380.09	**Northing (mN):**	5995039.51	**Elevation:**	429.95
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	39.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** FDL **Contractor:** G4 Drilling Ltd

Started: November 25, 2010 **Finished:** November 26, 2010 **Logged By:** R. Moar

Claim Number: CDC 3935 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place

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QUÉBEC

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	14.40	V1 - FELSIC VOLCANIC - Medium grey, moderately foliated (57° CA), fine-grained (0.5-1 mm), felsic volcanic; mainly of PG and QZ, 5% BO with minor amount of SR (2-5%) and CL; Tr of finely disseminated SF (PO-PY); presence of centimetric wide, whitish bands with coarser-grained BO, whitish PG and CL resulting from possible partial recrystallization; weakly fractured unit at 15° and 30° (opposite to S1) CA; intersected by few, pluricentimetric to pluridecimetric wide, fine-grained diorite dykes								
1	5.40	5.59	AM+ BO+ I3A - AMPHIBOLITIZED AND BIOTITIZED GABBRO - Greenish grey to brownish, foliated (55° CA), fine-grained (0.5-1 mm), AM+ and moderately BO+ gabbro; Tr of PY; contacts oriented along S1								
2	5.59	9.64	- MAIN UNIT CONTINUES								
1	9.64	10.13	I2J - DIORITE - Brownish grey, weakly foliated (52° CA), very fine-grained (0.25-0.5 mm) diorite dyke; composed of equal amount of light grey PG and mafic minerals (BO & AM); Tr of disseminated PY; contacts oriented at 60° CA								
2	10.13	12.01	- MAIN UNIT CONTINUES								
1	12.01	12.04	I2J [PO] - PORPHYRITIC DIORITE - As previously described; with 5% AM-BO phenocryst (3-7 mm) aligned along S1; contacts are								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			parallel to S1 (50° CA)								
2	12.04	14.40	- MAIN UNIT CONTINUES								
0	14.40	17.52	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (50° CA), aphanitic to very fine-grained AM+ basalt; Tr of disseminated SF; 1% deformed QZ veins (1 cm) and stringers oriented along S1; moderately fractured at 15° and 55° CA; - Interlayered with 2 pale grey, SI+ and CL+ felsic volcanic forming pluricentimetric to decimetric wide horizons oriented at 45° CA and intersected between 16.05-16.12 & 17.28-17.41 - Upper and lower setion are coarser-grained, weakly foliated, fine-grained gabbro								
0	17.52	19.34	V1 - FELSIC VOLCANIC - As previously described; deformed and interlayered with a fine-grained mafic component (7.96-8.40 m) with foliation oriented at 50° CA - Sample: - J767780: Systematic sampling	J767780	18.52	19.27	0.75	0.034	-1.00	-1.00	-1.0
1	18.81	19.34	AM+ BO+ I3A - AMPHIBOLITIZED AND BIOTITIZED GABBRO - Dark greenish grey, deformed, fine-grained AM+ and BO+with foliation varying from 35° to 60° CA; 1% deformed QZ stringers (5 mm) with EP+, coarser-grained AM, possible K FP alteration and 1% PY-PO on wallrocks	J767781	19.27	19.67	0.40	0.051	-1.00	-1.00	-1.0
0	19.34	19.62	I1N - QUARTZ VEIN - 60% coarse-grained (0.5-1 cm) QZ vein associated with minor amount of PY and PO; 10-15% EP+ PG, AM, possible K FP and CB filling fractures; BO-rich ±PY envelope (2-5 cm) oriented at 25° CAwithin vein; U/C								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			oriented at 55° CA; L/C oriented at 50° CA; hosted at contatct of strongly altered fine-grained gabbro and medium-grained recrystallized felsic volcanic / deformed tonalite - Sample: - J767781: As per above description								
0	19.62	24.75	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to purplish grey, moderately foliated (50° CA), fairly SI+, medium-grained (1-2 mm) recrystallized felsic volcanic / deformed tonalite; mainly composed of QZ and PG, 2-5% finer-grained BO and minor amount CL; 2-5% deformed QZ phenocrysts (5-7 mm) forming eyes or very thin stringers stretched along S1; Tr of finely disseminated SF; moderately to fairly fractured unit (20°, 45° and 65° CA); few QZ veins (<1 cm) and stringers; strongly deformed and interlayed felsic volcanic and fine-grained AM+ and BO+ mafic unit interval (deformation zone) intersected from 23.31-23.59; presence of QZ veins (1 cm) oriented at 40° CA - Sample: - J767782: Systematic sampling	J767782	19.67	20.42	0.75	0.013	-1.00	-1.00	-1.0
0	24.75	25.08	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Purplish brown, very fine-grained metafelsite; mainly composed of PG, 20% BO with minor amount of AM/CL; presence of thin, millimetric to plurimillimetric wide, BO or AM-rich laminae oriented at 62° CA; contacts oriented at 60° CA								
0	25.08	28.14	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described; foliation oriented at 55° CA; weakly fractured unit; L/C oriented at 60° CA								
0	28.14	29.94	FDL V2 [TUF]? / S3?	J767783	29.34	30.69	1.35	0.043	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Medium-grey, well laminated (56° CA), fine-grained (0.5 mm) intermediate tuff or greywacke; composed of PG and 30% mafic minerals AM/BO; <5% PG-QZ forming sub-rounded grains (2-3 mm); Tr of finely disseminated SF and MG; laminations (1-8 mm) resulting from variation of mafic minerals content; laminations (2-5 mm) are more or less discontinuous on upper the upper section; L/C oriented at 60° CA								
0	29.94	30.70	AM+ I3A - AMPHIBOLITIZED GABBRO - Dark greenish grey, foliated (61° CA), fine-grained (0.5-1 mm) AM+ and fairly BO+ (10%) gabbro; L/C is strongly BO+ and oriented at 65° CA - Sample: - J767783: Systematic sampling	J767784	30.69	31.19	0.50	2.200	-1.00	-1.00	-1.0
0	30.70	31.17	I1N - QUARTZ VEIN - Light grey, deformed, coarse-grained (0.5-1 cm), QZ vein followed from 30.76 to 31.07; microfractures are oriented at 35° and 50°; 0.5-2% PO-PY; hosted in strongly SI+ and weakly SR+sheared metafelsite; SR-BO±SF forming thin envelopes oriented at 50° CA; presence of AM-EP and possible K FP filing fractures; contacts oriented at 50° CA - Sample: - J767784: As per above description								
0	31.17	33.22	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described; L/C oriented at 60° CA - Sample: - J767785: Systematic sampling	J767785	31.19	31.94	0.75	0.152	-1.00	-1.00	-1.0
0	33.22	35.25	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; SI+ and weakly	J767786 J767787	34.00 34.75	34.75 35.25	0.75 0.50	0.015 0.323	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			SR+; foliation oriented at 61° CA; locally sheared with QZ phenocrysts (3-8 mm) stretched along S1; L/C oriented at 60° CA - Samples: - J767786: Systematic sampling - J767787: QZ vein (1 cm) intersecting purplish grey, sheared, SI+ and SR+ felsic volcanic								
0	35.25	35.45	FDL V2 [TUF]? / S3? - FLEUR DE LYS SEDIMENTARY UNIT - INTERMEDIATE TUFF OR GREYWACKE - Same as 24.75-25.08; intersected by a fine-grained, weakly BO+ mafic dykelet (4 cm) oriented at 60° CA; L/C oriented at 60° CA - Sample: - J767788: Systematic sampling	J767788	35.25	36.25	1.00	0.141	-1.00	-1.00	-1.0
0	35.45	37.34	AM+ I3A - AMPHIBOLITIZED GABBRO - As previously described; CB filling fractures at 10° CA; L/C BO+ and oriented at 55° CA - Samples: - J767789: Systematic sampling - J767790: QZ vein (tw min 2-4 cm) intersecting gabbro at very angle to CA; Tr amount of PO-PY±CP; walrocks are BO+ and CB+	J767789 J767790	36.25 37.00	37.00 37.34	0.75 0.34	2.400 0.486	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	37.34	39.00	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 61° CA; with sheared, SI+ and weakly SR+ interval intersected from 37.54-38.00 - Samples: - J767791: Systematic sampling - J767792: Sheared, SI+ and weakly SR+ felsic crosscutted by a deformed QZ vein (tw 2 cm) oriented at 60° CA - J767793: Systematic sampling - EOH at 39.00 m	J767791 J767792 J767793	37.34 37.84 38.14	37.84 38.14 39.00	0.50 0.30 0.86	0.091 0.045 1.505	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

End of Lithology and Assays ;

Hole: MO-10-01

Easting (mE):	662614.57	**Northing (mN):**	5995159.42	**Elevation:**	428.58
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	15.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 17, 2010 **Finished:** November 17, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☑ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: Surveyed collar; 2' of NW casing left in place; 32.50 g/T Au over 0.54 m intersected between 5.46-6.00 & 834.45 g/T Au over 1.71 m intersected between 6.52-8.23

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	0.61	OV - OVERBURDEN - 2' of NW casing left in place								
0	0.61	1.64	CNR - CORE NOT RECUPERATED								
0	1.64	2.55	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey to purplish grey, foliated (60° CA), medium-grained (1 mm) felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amount SR; fairly SI+ unit; Tr-1% disseminated SF (PO-PY); presence of QZ phenocrysts (up to 7 mm); 1% QZ stringers (<1 cm) transposed along S1 and associated with strongly SI+ and moderately SR+ wallrocks; moderately fractured at 60° CA; L/C oriented at 50° CA - Samples: - J406000 & J406001: Systematic sampling	J406000 J406001 J406002	1.64 2.03 2.53	2.03 2.53 3.00	0.39 0.50 0.47	-1.000 -1.000 -1.000	0.05 0.13 0.21	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	2.55	3.57	I1N - ENVELOPE OF MOMAN QUARTZ VEIN - 50% strongly deformed and dismembered, coarse-grained QZ veins (1-15 cm) and stringers oriented at 60° CA; weakly mineralized with PY and possible steel grey tellurides; veins are microfractured at 60° and 5-15° CA; SR-QZ-PY (Tr-2%) forming centimetric to pluricentimetric wide envelopes oriented at 50° CA; minor amount of CB; 2 fine-grained strongly BO+ mafic dykelets were intersected between 3.00-3.02 and 3.32-3.40; no VG was observed on core surface - Samples: - J406002 & J406003: As per above description	J406003	3.00	3.57	0.57	-1.000	0.14	-1.00	-1.0
0	3.57	3.80	CNR - CORE NOT RECUPERATED								
0	3.80	3.90	I1N Au - ENVELOPE OF MOMAN QUARTZ VEIN	J406004	3.80	4.30	0.50	-1.000	8.53	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Same as 2.55-3.57 - Samples: - J406004: As per previous description								
0	3.90	4.58	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - Pale grey to whitish, coarse-grained (1-2 cm) QZ vein (<90%) followed from 3.90 to 4.58; Tr amount of PY and SP filling microfractures oriented at 30° CA; SR-PY (<3%) forming centimetric to pluricentimetric wide envelopes within vein; one speck (1 mm) of VG was observed on core surface at 4.40 m; L/C oriented at 60° CA; lower wallrocks is sheared, SR+, SI+ and intersected by deformed QZ stringers (<1 cm) - Samples: - J406005: As per above description	J406005	4.30	4.72	0.42	-1.000	14.35	-1.00	-1.0
0	4.58	5.46	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Same as 1.64-2.55; foliation oriented at 55° CA; fairly SR+; L/C intersected by a QZ vein (tw 1 cm) oriented at 50° CA - Sample: - J406006: Systematic sampling	J406006	4.72	5.46	0.74	-1.000	0.12	-1.00	-1.0
0	5.46	5.78	I1N Au - ENVELOPE OF MOMAN GOLD-BEARING QUARTZ VEIN - As previously described; strongly SR+; 10% deformed QZ veins (1 cm) oriented at 50-55° CA (S1) - Samples: - J406007: AS per above description	J406007	5.46	6.00	0.54	-1.000	32.50	-1.00	-1.0
0	5.78	7.64	I1N Au - GOLD-BEARING QUARTZ VEIN - >95% pale grey to whitish, coarse-grained (1-2 cm), microfractured gold-bearing QZ vein followed from 5.78 to 7.66; microfractures oriented at 35°, 50° and at 7° CA; overall the vein is weakly mineralized with PY-PO; <5% SR-CL; presence of whitish PG on lower wallrocks; CB filling fractures; Tr to 5% VG	J406008 J406009 J406010 J406011	6.00 6.52 6.92 7.32	6.52 6.92 7.32 7.73	0.52 0.40 0.40 0.41	-1.000 -1.000 -1.000 -1.000	0.11 26.30 -1.00 11.85	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 3527.4 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			forming pinpoints, specks (1 mm) and blebs (2 mm) were observed on core surface between 17.00-17.22; the Au mineralization is associated with fair amount (1-10%) SP-GA-PY-PO filling fractures oriented at 30°, 40° and 50° CA; lower wallrock is well foliated (25° CA), strongly SI+ and weakly SR+ over 5 cm; U/C oriented at 20° CA; L/C oriented at 35° CA - Samples: - J406008 & J406009: As per above description - J406010: As per above description; Tr to 5% VG - J406011: As per above description - J406012: Blank								
0	7.64	9.32	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 55° CA; weakly SR+ (3-5%); weakly fractured unit; L/C oriented at 60° CA - Samples: - J406013 to J406015: Systematic sampling	J406013 J406014 J406015	7.73 8.23 8.80	8.23 8.80 9.32	0.50 0.57 0.52	1.150 0.093 0.344	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	9.32	12.02	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (55-60° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; moderately fractured at 45° and 55° CA; <1% QZ stringers oriented at 20°, 30° and 55° CA; L/C is weakly BO+ and oriented at 60° CA - Samples: - J406016 to J406019: Systematic sampling	J406016 J406017 J406018 J406019	9.32 10.12 10.92 11.42	10.12 10.92 11.42 12.02	0.80 0.80 0.50 0.60	0.065 0.007 0.005 0.013	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	12.02	13.31	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; porphyritic texture with 20-25% PG±QZ phenocrysts (2-5 mm); foliation oriented at 60° CA; minor amount of SR; presence of QZ stringers oriented at 50° CA; weakly fractured unit at 40° CA; L/C oriented at 50° CA - Samples:	J406020 J406021	12.02 12.82	12.82 13.31	0.80 0.49	0.054 0.012	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J406020 & J406021: Systematic sampling								
0	13.31	15.00	AM+ V3B	J406022	13.31	13.71	0.40	0.198	-1.00	-1.00	-1.0
			- AMPHIBOLITIZED BASALT	J406023	13.71	14.36	0.65	0.023	-1.00	-1.00	-1.0
			- Same as 9.32-10.02; foliation oriented at 50-57° CA; upper contact is BO+ and injected by 15% deformed QZ veins (<2 cm) and stringers (<1 cm) oriented along S1 (50° CA)	J406024	14.36	15.00	0.64	0.017	-1.00	-1.00	-1.0
			- Samples:								
			- J406022 to J406024: Systematic sampling								
			- EOH at 15.00 m								

End of Lithology and Assays ;

Hole: MO-10-02

Easting (mE):	662615.99	***Northing (mN):***	5995165.12	***Elevation:***	429.00
AltEasting:	0.00	***AltNorthing:***	0.00	***AltElevation:***	0.00
Azimuth:	0.00	***Dip:***	-90.00	***Length:***	15.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ ***Zone:*** Moman ***Contractor:*** G4 Drilling Ltd

Started: November 17, 2010 ***Finished:*** November 17, 2010 ***Logged By:*** R. Moar

Claim Number: CDC 3936 ***Cemented:*** ☐ ***Surveyed:*** ☐ ***Casing:*** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of casing left in place

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in plave								
0	3.00	3.76	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Dark green, deformed and foliated (50° CA), fine-grained AM+ gabbro; BO+ and weakly EP+; L/C oriented at 44° to very low angle to CA								
0	3.76	4.79	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey, weakly foliated (49° CA), medium-grained (1 mm) felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amount SR; Tr-1% disseminated SF (PO-PY); presence of QZ phenocrysts (2-5 mm); poorly fractured unit; intersected by a brownish grey, fine-grained diorite dyke oriented at 58° CA (4.47-4.54); L/C oriented at 40° CA - Sample: - J764941: Systematic sampling	J764941	4.42	5.19	0.77	0.037	-1.00	-1.00	-1.0
0	4.79	5.19	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (34° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; L/C oriented at 35° CA								
0	5.19	5.50	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; pale grey to purplish grey with presence of reddish brown phlogopite; foliation oriented at 56° CA; presence of low angle fracture; lower contacts is strongly SR+ and weakly EP+ with deformed QZ stringers (1 cm) oriented at 50° CA; L/C oriented at 30° CA - Sample: - J764942: Systematic sampling	J764942	5.19	5.54	0.35	0.264	-1.00	-1.00	-1.0
0	5.50	5.91	AM+ V3B	J764943	5.54	5.94	0.40	0.161	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- AMPHIBOLITIZED BASALT - Same as 4.79-5.19; deformed and strongly BO+; U/C oriented at 30° CA (opposite the foliation of the felsic unit); L/C oriented at 55° CA - J764943: Systematic sampling								
0	5.91	6.92	I1N - ENVELOPE OF MOMAN QUARTZ VEIN - 50% strongly deformed, dismembered, coarse-grained QZ veins (tw 1-6 cm) and stringers trending at 55°-63° CA; separated by centimetric to pluricentimetric wide, SR ±QZ envelopes associated with Tr to 5% PO-PY - Sample: - J764944 & J764945: As per above description	J764944 J764945	5.94 6.45	6.45 6.95	0.51 0.50	-1.000 -1.000	0.29 0.39	-1.00 -1.00	-1.0 -1.0
0	6.92	7.61	I1N - QUARTZ VEIN - Pale grey to whitish, coarse-grained (1-2 cm) QZ vein followed from 6.92 to 7.61; Tr amount of PY-PO and possible steel grey telluride observed at 7.42; microfractures oriented at 54° and 18° CA; minor amount of CL and EP filling fractures; no VG was observed on core surface; U/C oriented at 62° CA; L/C is fractured - Samples: - J764946 & J764947: As per above description	J764946 J764947	6.95 7.34	7.34 7.67	0.39 0.33	-1.000 -1.000	4.59 3.21	-1.00 -1.00	-1.0 -1.0
0	7.61	8.50	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 5.19-5.50; sheared and weakly SR+; foliation oriented at 63° CA; 5% QZ phenocrysts (2-7 mm) oriented along foliation; weakly fractured along S1 and 11° CA - Sample: - J764948: As per above description	J764948 J764949	7.67 8.42	8.42 9.05	0.75 0.63	0.172 2.840	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	8.50	9.04	I1N - SHEARED FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			FELSIC UNIT / QUARTZ VEIN - Shear zone (61° CA) affecting Lac d'Aiguillon felsic unit; QZ phenocrysts are strongly deformed and stretched along foliation; 20% coarse-grained, deformed, QZ±SF veins (1-8 cm) and stringers oriented at 61° CA; no VG was observed on core surface; intersected by 2 brownish grey, fine-grained diorite dykelets (2-3 cm) oriented 49° CA - J764949: As per above description - J764950: Blank								
0	9.04	9.54	I1N - QUARTZ VEIN - Same as 6.92-7.61; SR and CL along fractures oriented at 53° CA; U/C oriented at 55° CA; L/C oriented at 57° CA - Sample: - J764951: As per above description	J764951	9.05	9.54	0.49	-1.000	0.91	-1.00	-1.0
0	9.54	10.64	I1G - PEGMATITE - Pale grey to greenish grey, pegmatite (1-1.5 cm) dyke composed at 70% anedral QZ, 15% subedral PG and 15% pale green muscovite; Tr to 2% subedral (1-2 mm) reddish GR; U/C oriented at 35° CA; L/C irregularly oriented - Sample: - J764952: As per above description	J764952 J764953	9.54 10.55	10.55 10.85	1.01 0.30	0.106 4.880	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	10.64	12.07	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same 3.76-4.79; foliation oriented at 54° CA - Sample: - J764953: Upper contact with QZ vein (5 cm) oriented at 43° CA - J764954 & J764955:Systematic sampling	J764954 J764955	10.85 11.60	11.60 12.07	0.75 0.47	0.005 0.012	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	12.07	14.51	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (59° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; moderately fractured along S1 and at 21° CA; <1% QZ stringers; U/C	J764956	12.07	12.82	0.75	0.032	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			oriented at 58° CA; L/C oriented at 56° CA - Sample: - J764956: Systematic sampling								
0	14.51	15.00	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; less deformed; foliation oriented at 60° CA; absence of QZ veins and stringers - EOH at 15 m								

End of Lithology and Assays ;

Hole: MO-10-03

Easting (mE):	662617.20	**Northing (mN):**	5995169.97	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	18.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 27, 2010 **Finished:** November 27, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☐

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 4' of NW casing left in place; 6.06 g/T Au over 0.94 m intersected between 10.29-11.23 & 6.72 g/T Au over 1.44 m intersected between 12.20-13.64

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.22	OV - OVERBURDEN - 4' of NW casing left in place								
0	1.22	5.13	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey, moderately to well foliated (60° CA), medium-grained (1-2 mm), felsic volcanic / deformed tonalite; mainly composed QZ and PG, and 2-5% finer-grained BO; <1% disseminated PY and PO; 15%, centimetric wide, bands oriented along S1 composed of whitish PG and coarser-grained BO; partial recrystallization and SI+; presence of deformed QZ phenocrysts (up to 10 mm); weakly fractured unit (60° CA); L/C oriented at 60° CA								
1	2.72	3.40	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Dark greenish grey to brownish, weakly foliated, deformed fine-grained (1 mm), strongly BO+, weakly CB+ and EP+ gabbro dyke; U/C oriented at 30° CA; L/C oriented at 30° CA; fracture at 15° CA								
2	3.40	5.13	- MAIN UNIT CONTINUES								
0	5.13	6.20	I2J [PO] - PORPHYRITIC DIORITE - Dark greenish grey, weakly foliated (55° CA°), porphyritic diorite; composed of 30% subedral grey PG phenocrysts (5-6 mm) set in a medium-grained (2-3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%)) with minor amount of EP and anedral (1 mm) reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY - Sample: - J767711: Systematic sampling								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
1	5.13	5.58	I2J [PO] - PORPHYRITIC DIORITE - Brownish to greenish grey, foliated (60° CA) porphyritc diorite dyke composed of 20% BO-AM phenocrysts (5-15 mm) set in a fine-grained (1 mm) groundmass; contacts oriented at 60° CA	J767711	5.50	6.25	0.75	0.016	-1.00	-1.00	-1.0
2	5.58	6.03	- MAIN UNIT CONTINUES								
1	6.03	6.20	I2J [PO] - PORPHYRITIC DIORITE - Same as 5.13-5.58; contacts oriented at 50° CA								
0	6.20	8.51	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; lower contact (7.38-8.51) is a finer-grained, purplish grey metafelsite intersected by a fine-grained diorite dyke and injected by coarse-grained to pegmatitic material; moderately fractured unit - Samples: - J767712 to 767714: Systematic sampling	J767712 J767713 J767714	6.25 7.00 7.75	7.00 7.75 8.50	0.75 0.75 0.75	0.060 0.037 0.040	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
1	7.93	8.02	I1G - PEGMATITE - Pale grey to pale rose, coarse-grained to pegmatitic (5-10 mm) granitic dyke composed of QZ, K FP, PG, finer-grained BO and subedral (0.5-2 mm) reddish GR ; U/C oriented at 80° CA; L/C oriented at 70° CA								
2	8.02	8.12	- MAIN UNIT CONTINUES								
1	8.12	8.24	I2J - DIORITE - Brownish grey, fine-grained, diorite dykelet with contacts oriented at 50° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
2	8.24	8.45	- MAIN UNIT CONTINUES								
1	8.45	8.49	I2J - DIORITE - Same as 8.12-8.24: contacts oriented at 35° CA								
2	8.49	8.51	- MAIN UNIT CONTINUES	J767715	8.50	9.18	0.68	0.053	-1.00	-1.00	-1.0
0	8.51	8.86	I1G - PEGMATITE - Pale grey to reddish grey, pegmatite (1-3 cm) dyke composed of an assemblage of QZ, whitish PG and BO; 1-5% subedral (0.5-1 mm) reddish GR; Tr of PY; contacts oriented at 50° CA - Sample: - J767715: Systematic sampling								
0	8.86	9.18	V1 [I1D] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - Strongly deformed and SR+ felsic volcanic with foliation oriented at 10° CA; in contact with a strongly BO+ fine-grained gabbro following CA at low angle from 9.00 to 9.23								
0	9.18	11.18	I1N Au - AURIFEROUS QUARTZ VEIN - 60% pale grey, strongly deformed, dismembered, microfractured, coarse-grained, pluricentimetric to pluridecimetric wide, QZ veins trending at 50° CA; weakly mineralized with PY and PO filling microfractures; veins are separated by centimetric to pluricentimetric wide, shistosed SR ±QZ-PY±PO (Tr-5%) envelopes; microfractures oriented at 20° and 60° CA; 2 specks (1-1.5 mm) of VG were observed in a piece of core in a strongly broken intervals from 11.87 to 10.95; a strongly BO+ and deformed gabbro with contacts oriented at 10° CA was encountered between 9.36-9.54; U/C oriented at 25° CA; L/C oriented at 50° CA - Samples:	J767716 J767717 J767718 J767719	9.18 9.74 10.29 10.79	9.74 10.29 10.79 11.23	0.56 0.55 0.50 0.44	-1.000 -1.000 -1.000 -1.000	0.34 0.27 1.27 11.50	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J767716 to J767719: As per above description								
0	11.18	12.23	V1 [I1D] [FO]	J767720	11.23	11.73	0.50	0.144	-1.00	-1.00	-1.0
			- FELSIC VOLCANIC / DEFORMED	J767721	11.73	12.20	0.47	0.131	-1.00	-1.00	-1.0
			TONALITE - LAC D'AIGUILLON FELSIC UNIT	J767722	12.20	12.71	0.51	-1.000	15.85	-1.00	-1.0
			- Pale grey to purplish grey, wel foliated (55° CA), sheared, SI+ and SR+ felsic volcanic; <1% SF; presence of reddish brown phlogopite; <1% deformed QZ veins (<1.5 cm) and stringers oriented along S1; fractures at 20° CA; L/C oriented along S1								
			- Samples:								
			- J767720 & J767721: Systematic sampling								
0	12.23	14.25	I1N	J767723	12.71	13.64	0.93	-1.000	1.71	-1.00	-1.0
			- QUARTZ VEINS ZONE	J767724	13.64	14.27	0.63	-1.000	1.04	-1.00	-1.0
			- As previously described; 60% QZ veins trending at 30-40° CA; thickest veins were intersected from 12.26-12.34, 12.73-13.65 and 14.86-14.25; hosted in strongly SI+ and strongly SR+, sheared felsic volcanic; original texture with strongly deformed QZ phenocrysts is locally preserved (13.64-13.86); intersected by a brownish grey, fine-grained (1 mm) dyorite dykelet (3.5 cm) oriented at 50° CA at 12.65; no VG was observed on core surface; L/C oriented at 70° CA								
			- Samples:								
			- J767722 to J767724: As per above description								
			- J767725: Blank								
0	14.25	15.72	V1 [I1D] [PO]	J767726	14.27	15.02	0.75	0.253	-1.00	-1.00	-1.0
			- FELSIC VOLCANIC / DEFORMED	J767727	15.02	15.75	0.73	0.010	-1.00	-1.00	-1.0
			TONALITE - LAC D'AIGUILLON FELSIC UNIT								
			- Same as 1.22-5.13; foliation oriented at 65° CA; weakly fractured unit								
			- Samples:								
			- J767726 to J767727: Systematic sampling								
0	15.72	18.00	AM+ V3B	J767728	15.75	16.75	1.00	0.013	-1.00	-1.00	-1.0
			- AMPHIBOLITIZED BASALT	J767729	16.75	17.43	0.68	0.011	-1.00	-1.00	-1.0
			- Dark green, thinly foliated (55° CA), aphanitic to very fine-grained AM+ basalt; Tr	J767730	17.43	18.00	0.57	0.024	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			of disseminated SF; 1% QZ veins stringers oriented at 40° and 50° CA; weakly fractured at 50°-60° CA - Samples: - J767728 & J767729: Systematic sampling - J767730: QZ-CB-EP with coarser-grained AM forming alteration zone (2-3 cm) associated with 1% PY; QZ vein (tw 2 cm) oriented at 60° CA with strongly altered (CB-EP-AM±PY) wallrocks intersected at 17.96								

End of Lithology and Assays ;

Hole: MO-10-04

Easting (mE):	662618.41	**Northing (mN):**	5995174.82	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	21.00 m.
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 18, 2010 **Finished:** November 18, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 116.48 g/T Au over 2.25 m intersected between 12.35-14.60 & 18.21 g/T Au over 1.46 m intersected between 16.00-17.46

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN								
0	3.00	5.34	I1G - PEGMATITE - Pale grey to reddish grey, pegmatite (1-3 cm) dyke composed of QZ, K FP, PG and finer-grained BO; Tr to 5% subedral (1-2 mm) reddish GR ; minor amount of iron oxides and CL; L/C oriented at 7° CA								
0	5.34	8.12	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey, moderately foliated (57° CA), medium-grained (1 mm) felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amount SR; Tr-1% disseminated SF (PO-PY); presence of QZ phenocrysts (2-5 mm); poorly fractured unit; L/C oriented at 60° CA								
0	8.12	8.89	I2J - DIORITE - Medium-grey to greenish grey, weakly foliated (48° CA) fine-grained (1 mm) diorite dyke; composed of equal amount of grey PG and mafic minerals (BO-AM); Tr of disseminated SF; moderately fractured along S1; L/C oriented at 56° CA								
0	8.89	9.33	I2J [PO] - PORPHYRITIC DIORITE - Dark greenish grey, weakly foliated (60° CA°), porphyritic diorite; composed of 30% subedral grey PG phenocrysts (5-6 mm) set in a medium-grained (2-3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%)); minor amount of EP and anedral (1 mm) reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY; L/C oriented at 62° CA								
0	9.33	12.35	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED	J764957 J764958	9.47 10.22	10.22 10.97	0.75 0.75	0.007 0.011	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 60° CA; weakly fractured unit - Samples: - J764957 to J764959: Systematic sampling	J764959	10.97	11.72	0.75	0.064	-1.00	-1.00	-1.0
1	11.61	11.70	I2J - DIORITE - As previously described; U/C is fractured; L/C oriented at 53° CA								
1	11.70	11.96	SZ - SHEAR ZONE - Shear zone affecting Lac d'Aiguillon felsic unit; SR and SI+; coarse-grained QZ vein (tw 4 cm) oriented at 55° CA - Sample: - J764960: As per above dscription	J764960	11.72	12.35	0.63	0.158	-1.00	-1.00	-1.0
2	11.96	12.35	- MAIN UNIT CONTINUES								
0	12.35	14.53	I1N Au - ENVELOPE OF MOMAN GOLD-BEARING QUARTZ VEIN - 30% strongly deformed and dismembered, coarse-grained QZ veins (tw 1-12 cm) and stringers and stringers trending at 60° CA; QZ veins are microfractured at 45° and at very low angle to CA; separated by centimetric to pluricentimetric wide, SR ±QZ envelopes associated with Tr to 2% PY and PY; VG forming several pinpoints and specks were observed on core surface - Samples: - J764961: QZ vein (5 cm) oriented at 56° CA; 2 specks (0.25 mm) of VG on lower wallrock - J764962: As per above description - J764963: Coarse-grained QZ vein (tw 7 cm) oriented at 65° CA; vein followed from 13.72-13.84; 3% PO-SP-PY and minor amount of possible steel grey telluride; 1 pinpoint of VG was observed on core surface - J764964: As per above description; 70% QZ VN; Tr to 0.5% VG forming specks (1mm) and pinpoints were observed between 14.07	J764961 J764962 J764963 J764964 J764965	12.35 13.00 13.50 13.90 14.20	13.00 13.50 13.90 14.20 14.60	0.65 0.50 0.40 0.30 0.40	-1.000 -1.000 -1.000 -1.000 -1.000	66.90 0.33 105.00 584.00 0.74	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			to 14.19; associated with 2% PO-PY-SP and possible steel grey telluride - J764965: As per above description								
0	14.53	15.56	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 57° CA; intersected by 1% deformed QZ±PY±PO stringers oriented along S1 and at 25° CA; QZ phenocrysts are deformed and stretched along S1; SI+ and SR+; L/C oriented at 37° CA - Samples: - J764966 to J764967: Systematic sampling	J764966 J764967 J764968	14.60 15.10 15.55	15.10 15.55 16.00	0.50 0.45 0.45	0.122 0.096 -1.000	-1.00 -1.00 0.21	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	15.56	17.12	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - >90% pale grey to whitish, coarse-grained (1-2 cm) QZ vein followed from 15.69 to 17.07; Tr amount of PY-PO filling microfractures oriented at 39° CA; SR ±CL filling fractures; VG forming pinpoints, specks and blebs were observed on core surface; L/C oriented at 36° CA; wallrocks are strongly sheared and SR+ with QZ veins (3-4 cm) and stringers trending at 57° CA - Samples: - J764968 to J764970: As per above description - J764971: Lower contact of Moman QZ vein; 2 VG blebs (14 X 2 mm and 2 X 1 mm) were observed on core surface at 17.06 m; the sample was destroyed by ALS Chemex during sample preparation; ½ core left was sent for assay by metallic sieves (J406025)	J764969 J764970 J406025	16.00 16.40 16.86	16.40 16.86 17.16	0.40 0.46 0.30	-1.000 -1.000 -1.000	9.45 27.50 17.55	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	17.12	18.72	I1N Au - ENVELOPE OF MOMAN GOLD-BEARING QUARTZ VEIN - 40% strongly deformed, dismembered, coarse-grained QZ veins (tw 1-6 cm) and stringers oriented at 51° CA; the felsic unit is sheared, SR+ and SI+; deformed QZ veins with Tr amount of SF are separated by centimetric to pluricentimetric wide, SR-QZ envelopes; texture of felsic unit is locally	J764972 J764973 J764974 J764976	17.16 17.46 17.86 18.42	17.46 17.86 18.42 18.72	0.30 0.40 0.56 0.30	-1.000 -1.000 -1.000 -1.000	16.30 0.23 0.45 1.35	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			preserved; a pinpoint of VG was observed in the lower vein. - Samples: - J764972: As per above description; 1 specks and 2 pinpoints of VG was observed at 18.25 m in a QZ stringers (3 mm) oriented at 53° CA - J764973 & J764974: As per above description - J764975: Blank - J764976: Coarse-grained QZ vein followed from 18.08-18.19 m; 2% PO-PY; 1 pinpoint of VG ; contacts are oriented at 43° CA								
0	18.72	19.47	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 37° CA - Sample: - J764977: Systematic sampling	J764977	18.72	19.47	0.75	0.128	-1.00	-1.00	-1.0
0	19.47	21.00	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (58° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; fractures oriented along S1 and at 21° CA; <1% QZ stringers; U/C is strongly BO+ and oriented at 43° CA - Sample: - J764978 & J764979 Systematic sampling - EOH at 21 m	J764978 J764979	19.47 20.22	20.22 21.00	0.75 0.78	0.031 0.330	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

End of Lithology and Assays ;

Hole: MO-10-05

Easting (mE):	662619.62	***Northing (mN):***	5995179.67	***Elevation:***	429.00
AltEasting:	0.00	***AltNorthing:***	0.00	***AltElevation:***	0.00
Azimuth:	0.00	***Dip:***	-90.00	***Length:***	27.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ ***Zone:*** Moman ***Contractor:*** G4 Drilling Ltd

Started: November 18, 2010 ***Finished:*** November 19, 2010 ***Logged By:*** R. Moar

Claim Number: CDC 3936 ***Cemented:*** ☐ ***Surveyed:*** ☐ ***Casing:*** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 1.5 m of NW casing left in place; 8.92 g/T Au over 1.00 m (14.85-15.45); 8.24 g/T Au over 0.50 m (15.85-16.35) & 7.89 g/T Au over 2.56 m (17.06-19.62)

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.50	OV - OVERBURDEN - 1.5 m of casing left in place								
0	1.50	6.85	I2J [PO] - PORPHYRITIC DIORITE - Dark greenish grey, weakly foliated (54°), porphyritic diorite; composed of 30% suebral grey PG phenocrysts (5-6 mm) set in a medium-grained (2-3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%) with minor amount of EP and reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY; L/C oriented at 39° CA								
0	6.85	7.25	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey, foliated (63° CA), medium-grained (1 mm) felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amount SR; 1% disseminated PY; QZ forming anedral phenocrysts (2-5 mm); weakly fractured unit; L/C oriented at 31° CA (opposite to the U/C)								
0	7.25	7.60	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Fine to medium-grained AM+ gabbro dyke; L/C oriented at 45° CA								
0	7.60	8.32	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; L/C oriented at 59° CA								
0	8.32	8.60	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Fine-grained (1 mm) AM+, BO+ and EP+ gabbro dyke; contacts are oriented at 19° CA								
0	8.60	11.12	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; moderately foliated (66° CA); with QZ stringer (0.5-1 cm) following CA at low angle; no significant alteration on wallrocks; L/C oriented at 55° CA								
0	11.12	11.84	I2J [PO] - PORPHYRITIC DIORITE - Brownish to greenish grey, foliated (54° CA) porphyritc diorite dyke; composed of 20% AM-BO phenocrysts; Tr of disseminated SF; U/C oriented at 49° CA; L/C oriented at 60° CA								
0	11.84	12.10	I2J [PO] - PORPHYRITIC DIORITE - Same as 1.50-6.85; L/C oriented at 64° CA								
0	12.10	14.45	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 58° CA; intersected by a brownish grey, fine-grained diorite dykelet oriented at 68° CA encountered between 13.99-14.10; weakly fractured unit - Samples: - J767503 to J767505: Systematic sampling	J767503 J767504 J767505	12.45 13.20 13.95	13.20 13.95 14.45	0.75 0.75 0.50	0.018 0.035 0.234	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	14.45	15.80	I1N - ENVELOPE OF MOMAN QUARTZ VEIN - 50% strongly deformed and dismembered, coarse-grained QZ veins (<15 cm along CA) oriented at 53° CA;QZ veins are microfractured and weakly mineralized with PY±PO; separated by centimetric to pluricentimetric wide, SR-QZ envelopes associated with Tr to 2% PY; no VG was observed on core surface - Samples: - J767506 to J767508: As per above description	J767506 J767507 J767508	14.45 14.95 15.45	14.95 15.45 15.85	0.50 0.50 0.40	-1.000 -1.000 -1.000	0.73 17.10 0.18	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	15.80	17.06	I1N - QUARTZ VEIN - >95% pale grey to whitish, coarse-grained (1-2 cm) QZ vein; Tr amount of PY-PO filling	J767509 J767510 J767511	15.85 16.35 16.72	16.35 16.72 17.06	0.50 0.37 0.34	-1.000 -1.000 -1.000	8.24 0.19 0.19	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			microfractures oriented at 10° and 52° CA; fairly fractured; no VG was observed on core surface; U/C oriented at 53° CA; L/C oriented at 45° CA - Samples: - J767509 to J767511: As per above description								
0	17.06	18.41	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; pale grey to purplish grey, moderately to fairly SR+ and SI+; foliation oriented at 56° CA; QZ phenocrysts are stretched along S1; presence of strongly deformed QZ±PY±PO stringers (0.5 cm); low angle fractures (5-10° CA) - Samples: - J767512 & J767513: As per above description	J767512 J767513 J767514	17.06 17.66 18.31	17.66 18.31 18.61	0.60 0.65 0.30	3.880 1.865 -1.000	-1.00 -1.00 1.66	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	18.41	18.51	I1N - QUARTZ VEIN - Pale grey, deformed, microfractured, coarse-grained QZ vein; U/C oriented at 55° CA; L/C oriented at 43° CA; no VG was observed - Sample: - J767514: As per above description								
0	18.51	19.27	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 17.06-18.41; crosscutted by a brownish grey, fine-grained diorite dykelet oriented along S1 and intersected at 18.84-18.90 - Sample: - J767515: As per above description	J767515	18.61	19.27	0.66	2.200	-1.00	-1.00	-1.0
0	19.27	20.92	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - Same as 15.50-17.06; with strongly broken core intervals encountered between 19.27-19.71 and 20.29-20.92; Tr to 5% PY-PO filing fractures and associated with SR and CL; low	J767516 J767517 J767518	19.27 19.62 20.40	19.62 20.40 20.92	0.35 0.78 0.52	-1.000 -1.000 -1.000	42.00 0.05 0.37	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			angle fractures; the upper section (50 cm) of the vein is mineralized with PY and PO; 3 pinpoints of VG was observed in a piece of core at 19.34 m. - Samples: - J767516: Strongly fractured and broken core; 3 pinpoints of VG - J767517 & J767518: As per above description								
0	20.92	22.35	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 17.06-18.41; foliation oriented at 43° CA; core is fractured at 10-15° CA; L/C oriented at 63° CA - Samples: - J767519 & J767520: As per above description	J767519 J767520	20.92 21.67	21.67 22.35	0.75 0.68	0.316 0.012	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	22.35	24.48	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (49° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; moderately fractured along S1 and 24° CA; <1% QZ stringers; L/C oriented at 56° CA - Samples: - J767521 & J767523: Systematic sampling	J767521 J767522 J767523	22.35 23.05 23.80	23.05 23.80 24.48	0.70 0.75 0.68	0.017 0.010 0.010	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	24.48	26.40	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 60° CA; weakly fractured at 40° and 60° CA; L/C oriented at 58° CA - Sample: - J767524: Systematic sampling; deformed QZ stringer (1 cm) located in contact of BO+ mafic horizon (4 cm)	J767524	24.48	25.23	0.75	0.009	-1.00	-1.00	-1.0
0	26.40	27.00	AM+ V3B - AMPHIBOLITIZED BASALT - Same as 22.35-24.48; upper contact is weakly BO+ - EOH at 27.00 m								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm

End of Lithology and Assays ;

Hole: MO-10-06

Easting (mE):	662620.83	**Northing (mN):**	5995184.52	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 19, 2010 **Finished:** November 19, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 4' of NW casing left in place

GÉOLOGUE / GEOLOGIST
ROGER MOAR #733
QUÉBEC

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.22	OV - OVERBURDEN - 4' of casing left in place								
0	1.22	4.91	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium-grey to purplish grey, well foliated (55° CA), fine-grained (0.5-1 mm), SR+ partially recrystallized felsic volcanic / deformed tonalite; mainly of PG and QZ and 2-7% finer-grained BO; Tr-2% of disseminated PY and PO; presence of deformed QZ phenocrysts (2-5 mm); with medium-grained, whitish pluricentimetric to decimetric wide bands (resulting from partial recrystallization and SI+) composed of whitish PG, QZ, coarser-grained BO and minor amount of CL; weakly fractured unit (12° and 70° CA)								
0	4.91	10.95	I2I [PO] - PORPHYRITIC DIORITE - Dark greenish grey, weakly foliated (54°), porphyritic diorite; composed of 30% suebral grey PG phenocrysts (5-6 mm) set in a medium-grained (2-3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%) and minor amount of EP and reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY; <1% QZ stringers (< 1 cm) oriented at 32° CA; U/C oriented at 40° CA; L/C oriented at 48° CA; weakly fractured unit								
0	10.95	14.91	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 1.22-4.91; moderately foliated (57° CA), weakly fractured unit; few QZ veins (<1 cm) and stringers								
1	11.06	11.32	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Brownish green, fine-grained,								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			moderately BO+ and AM+ gabbro dyke; contacts oriented at 55° CA								
2	11.32	11.99	- MAIN UNIT CONTINUES								
1	11.99	12.17	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Same as 11.06-11.32; strongly BO+ and moderately EP+; contacts oriented at 34° CA								
2	12.17	14.91	- MAIN UNIT CONTINUES								
0	14.91	15.73	I2I [PO] - PORPHYRITIC DIORITE - Same as 4.91-10.95; contacts oriented at 55° CA								
1	14.91	15.39	I2I [PO] - PORPHYRITIC DIORITE - Brownish to greenish grey, foliated (55° CA) porphyritc diorite dyke; composed of 20% AM-BO phenocrysts aligned along S1; Tr of disseminated SF; contacts oriented at 60° CA								
2	15.39	15.73	- MAIN UNIT CONTINUES								
0	15.73	17.37	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 10.95-14.91; foliation oriented at 57° CA; weakly fractured unit - Samples: - J767582 & J767583: Systematic sampling	J767582	16.12	16.87	0.75	0.016	-1.00	-1.00	-1.0
1	16.80	16.91	I2J - DIORITE - Brownish, grey, fine-grained diorite dykelet with contacts oriented at 62° CA	J767583	16.87	17.37	0.50	0.014	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
2	16.91	17.37	- MAIN UNIT CONTINUES								
0	17.37	17.77	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Shear zone affecting felsic volcanic / deformed tonalite; bluish grey to purplish grey, strongly SI+ and weakly to moderately SR+ shear zone; presence of reddish brown phlogopite; 1% PY-PO aligned along S1 (61° CA); 5% deformed QZ stringers (<1 cm) and 2 coarse-grained QZ veins (tw 8 cm) oriented at 65° CA and asociated with 2-3 % PY-PO - Sample: - J767584: As per above description	J767584	17.37	17.77	0.40	0.058	-1.00	-1.00	-1.0
0	17.77	18.44	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; SI+ and weakly SR+; foliation oriented at 64° CA; 1-2% PY-PO; 2% strongly deformed QZ stringers (<1 cm) - Sample: - J767585: Systematic sampling	J767585	17.77	18.44	0.67	0.105	-1.00	-1.00	-1.0
1	18.15	18.25	I2J - DIORITE - Same as 16.80-16.91; 15-20% BO; contacts oriented at 36° CA								
2	18.25	18.44	- MAIN UNIT CONTINUES								
0	18.44	19.08	I1N - QUARTZ VEINS ZONE - 40% pale grey and bluish, strongly deformed, microfractured, coarse-grained, pluricentimetric to decimetric wide QZ veins hosted in strongly SI+ and SR+ shear zone; veins trending at 55° CA; Tr amount to 5% PY-PO; veins are separated by centimetric to pluricentimetric wide, SR ±QZ envelopes; microfractures oriented at 55° and 25° CA; no VG was observed on core surface; U/C oriented at 55° CA; L/C oriented at 45° CA - Sample:	J767586	18.44	19.08	0.64	-1.000	0.51	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J767586: As per above description								
0	19.08	20.11	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 17.77-18.44 - Samples: - J767587 & J767588: Systematic sampling	J767587 J767588	19.08 19.58	19.58 20.11	0.50 0.53	0.301 0.155	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	20.11	22.24	I1N - QUARTZ VEINS ZONE - Same as 18.44-19.08; 55% deformed and microfractured QZ veins varying from 10-45 cm along CA and trending at 50° CA; Tr to 3% PY-PO; veins are separated by centimetric to pluricentimetric wide, SR ±QZ envelopes associated with Tr to 3% PY±PO; original texture locally preserved with QZ phenocrysts (<7 mm)) forming eyes stretched along S1 (21.53-21.70); no VG was observed on core surface; U/C oriented at 46° CA; L/C oriented at 50° CA - Samples: - J767589 to J767591: As per above description	J767589 J767590 J767591	20.11 20.81 21.55	20.81 21.55 22.24	0.70 0.74 0.69	-1.000 -1.000 -1.000	1.86 0.15 0.06	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	22.24	26.10	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; SI+ and weakly SR+; foliation oriented at 57° CA - Samples: - J767592 to J767596: Systematic sampling	J767592	22.24	22.74	0.50	0.041	-1.00	-1.00	-1.0
1	22.36	22.42	I2J - DIORITE - Brownish, grey, fine-grained diorite dykelet with contacts oriented at 54° CA								
2	22.42	26.10	- MAIN UNIT CONTINUES	J767593 J767594 J767595 J767596 J767597	22.74 23.49 24.24 24.99 25.91	23.49 24.24 24.99 25.91 26.21	0.75 0.75 0.75 0.92 0.30	0.013 0.034 0.011 0.008 0.014	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	26.10	27.96	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (54° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; contacts are BO+; 1% QZ stringers oriented at 50° CA; moderately fractured at 20°, 30° and 40° CA; upper contact intersected by a QZ vein (1-2 cm) with EP-CB and coarser-grained green AM on wallrocks; U/C contact oriented at 45° CA; L/C oriented at 50° CA - Samples: - J767597 & J767598: Systematic sampling	J767598	26.21	26.96	0.75	0.014	-1.00	-1.00	-1.0
0	27.96	29.83	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 60° CA; with QZ-EP-AM-CB alteration zone (10 cm)								
0	29.83	30.00	AM+ V3B - AMPHIBOLITIZED BASALT - Same 26.10-27.96; U/C strongly BO+ and intersected by deformed and dismembred QZ stringers (<1 cm); U/C oriented at 50° CA - EOH at 30 m								

End of Lithology and Assays ;

Hole: MO-10-07

Easting (mE):	662622.04	**Northing (mN):**	5995189.37	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 19, 2010 **Finished:** November 20, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 1 m of NW casing left in place; 25.16 g/T Au over 1.20 m (20.60-21.80); 5.99 g/T Au over 0.57 m (23.54-24.11); 8.43 g/T Au over 1.43 m (26.46-27.89)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.00	OV - OVERBURDEN								
0	1.00	8.94	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey, moderately foliated (37-50° CA), medium-grained (1 mm) felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 5-7% very fine-grained BO and minor amount SR; 1% disseminated PO-PY; presence of QZ phenocrysts (2-5 mm); weakly fractured unit (10° CA); L/C oriented at 31° CA								
0	8.94	14.69	I2J [PO] - PORPHYRITIC DIORITE - Dark greenish grey, weakly foliated (53°), porphyritic diorite; composed of 30% suebral grey PG phenocrysts (5-6 mm) set in a medium-grained (2-3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%) and minor amount of EP and reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY; QZ vein (2 cm) oriented at 25° CA intersected at 10.08 m; L/C oriented at 53° CA								
0	14.69	17.28	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; moderately foliated (62° CA); presence of a QZ±PO±PY vein (1 cm) oriented at 15° CA on the U/C; L/C oriented at 65° CA								
0	17.28	17.57	I2J [PO] - PORPHYRITIC DIORITE - Porphyritic (AM-BO) diorite dyke with contacts oriented at 65° CA								
0	17.57	18.00	I2J [PO] - PORPHYRITIC DIORITE - Same as 8.94-14.69								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	18.00	18.38	I2J [PO] - PORPHYRITIC DIORITE - Same as 17.28-17.57;foliation oriented at 52° CA; contacts oriented at 60° CA	J764980	18.35	19.10	0.75	0.006	-1.00	-1.00	-1.0
0	18.38	21.60	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 60° CA; weakly fractured unit (along S1); lower contact is slightly sheared and SR+ with reddish brown phlogopite - Samples: - J764980 to J764982: Systematic sampling	J764981 J764982 J764983 J764984 J764985	19.10 19.85 20.60 21.00 21.40	19.85 20.60 21.00 21.40 21.80	0.75 0.75 0.40 0.40 0.40	0.022 0.091 -1.000 -1.000 -1.000	-1.00 -1.00 66.30 2.90 6.28	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0
0	21.60	21.78	I1N Au - ENVELOPE OF MOMAN GOLD-BEARING QUARTZ VEIN - 60% strongly deformed and dismembered, coarse-grained QZ veins (tw 2.5-8 cm) trending at 63° CA;QZ veins are weakly mineralized with PY±PO; presence of microfractures oriented at 15° CA; separated by centimetric to pluricentimetric wide, SR-QZ envelopes associated with Tr to 2% PY; 4 pinpoints of VG were observed on core surface at 20.86 m - Samples: - J764983: As per above description; 4 pinpoints of VG on core surface at 20.86 m - J764984 & J764985: As per above description								
0	21.78	22.31	I1N - MOMAN QUARTZ VEIN - >90% pale grey to whitish, coarse-grained (1-2 cm) QZ vein; Tr amount of PY-PO filling microfractures oriented at 50° CA; SR-EP±CB filling fractures; no VG was observed on core surface; contacts are oriented at 57° CA - Sample: - J76486: As per above description	J764986	21.80	22.31	0.51	-1.000	0.13	-1.00	-1.0
1	22.31	22.69	I1N - ENVELOPE OF MOMAN QUARTZ VEIN	J764987	22.31	22.69	0.38	-1.000	0.09	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- Same as 21.60-21.78 - Sample: - J764987: As per above description								
0	22.69	24.11	I1N - QUARTZ VEIN - Same as 21.78-22.31; strongly fractured with interval of broken and grinded core between 23.06 and 23.54; approximately 50% of core was recuperated; fractures oriented at 10°, 20° and 53° CA - Samples: - J764988 to J764990: As per above description	J764988 J764989 J764990	22.69 23.14 23.54	23.14 23.54 24.11	0.45 0.40 0.57	-1.000 -1.000 -1.000	-0.05 0.38 5.99	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	24.11	24.95	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; pale grey to purplish grey, moderately to strongly SR+, foliated (62° CA); QZ phenocrysts are stretched along S1; presence of QZ±PY±PO stringers (0.5 cm) oriented at 55° CA; low angle fractures (5° CA); U/C oriented at 45° CA; L/C oriented at 40° CA - Sample: - J764991: As per above description	J764991	24.11	24.95	0.84	0.100	-1.00	-1.00	-1.0
0	24.95	25.46	I1N - QUARTZ VEIN - Same as 21.78-22.31; 90% QZ vein; with 10% SR-PY-PO forming centimetric to pluricentimetric wide envelopes oriented at 54° and 64° CA; no VG was observed - Sample: - J764992: As per above description	J764992	24.95	25.46	0.51	-1.000	0.73	-1.00	-1.0
0	25.46	26.09	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 24.11-24.95: intersected by 5% QZ stringers oriented at 56° CA; crosscutted by a brownish grey, fine-grained diorite dykelet oriented at 49° CA between 25.63-25.73 - Sample: - J764993: As per above description	J764993	25.46	26.09	0.63	0.255	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	26.09	27.09	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - Same as 21.78-22.31; >90% deformed QZ veins; 10% SR±CL±PY forming centimetric wide deformed envelopes trending at 56° CA; strongly fractured with broken core interval between 26.09-26.46; microfractures oriented at 33° and 63° CA (opposite); presence of VG - Samples: - J764994 & J764995: As per above description - J764996: As per above description; a group of 8 pinpoints of VG were observed at 26.94	J764994 J764995 J764996	26.09 26.46 26.79	26.46 26.79 27.09	0.37 0.33 0.30	-1.000 -1.000 -1.000	0.10 0.66 34.40	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	27.09	27.91	I1N - ENVELOPE OF MOMAN GOLD-BEARING QUARTZ VEIN - Same as 21.60-21.78; 30% QZ veins varying from 0.5 to 16 cm (tw) and associated with variable amount of PY and PO; felsic unit is moderately to strongly SR+; QZ phenocrysts are stretched along S1 (51° CA); U/C oriented at 51° CA; L/C oriented at 45° CA - Samples: - J764997 & J764998: As per above description	J764997 J764998 J764999	27.09 27.49 27.89	27.49 27.89 28.68	0.40 0.40 0.79	-1.000 -1.000 0.124	1.78 2.02 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	27.91	28.68	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 14.69-17.28; foliation oriented at 55° CA; weakly SR+; L/C oriented at 57° CA - Sample: - J764999: Systematic sampling								
0	28.68	30.00	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (45° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; moderately fractured along S1 and at 27° CA; <1% QZ stringers - Samples: - J767500: Standard - J767501 & J767502: Systematic sampling	J767501 J767502	28.68 29.43	29.43 30.00	0.75 0.57	0.028 0.011	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- EOH at 30.00 m								

End of Lithology and Assays ;

Hole: MO-10-08

Easting (mE):	662626.88	**Northing (mN):**	5995208.77	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	45.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 20, 2010 **Finished:** November 20, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 3 m of NW casing left in place; 8.40 g/T Au over 4.59 m (32.36-36.95) & 10.55 g/T Au over 0.75 m (38.30-39.05)

GÉOLOGUE / GEOLOGIST
ROGER MOAR #733
QUÉBEC

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	3.00	OV - OVERBURDEN - 3 m of NW casing left in place								
0	3.00	23.28	V1 [I1D] [FO] - PARTIALLY RECRYSTALLIZED FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Pale grey to medium-grey to purplish grey, moderately to well foliated (banding) (50-63° CA), medium-grained (1-2 mm), weakly to moderately SR+ partially recrystallized felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 2-7% finer-grained BO and minor amount CL; plurimillimetric to pluricentimetric banding resulting from variation of BO content; Tr of disseminated PY and PO; presence of MG; 2-5% deformed QZ phenocrysts (2-5 mm); 5-10% medium-grained, whitish pluricentimetric to decimetric wide bands (possibly resulting from partial recrystallization and SI+) composed of whitish PG, QZ, coarser-grained BO and minor amount of CL; weakly fractured unit (along S1 and at 15° CA); few QZ veins and stringers were with no significant mineralization or alteration were observed - <5% brownish green, fine-grained (1 mm) moderately to fairly BO+ and slightly EP+ gabbro dykes (10-30 cm) along CA								
0	23.28	30.28	I2J [PO] - PORPHYRITIC DIORITE - Dark greenish grey, weakly foliated (51°), porphyritic diorite; composed of 30% subedral grey PG phenocrysts (5-6 mm) set in a medium-grained (2-3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%)) with minor amount of EP and reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY; L/C oriented at 55° CA and intersected by a brownish grey, porphyritic (AM-BO), diorite dykelet (12 cm) oriented at 55° CA; weakly fractured unit - Sample: - J767525: Standard	J767526	29.35	30.28	0.93	0.009	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J767526: Systematic sampling								
0	30.28	32.36	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 59° CA; intersected by 2 brownish grey, fine-grained diorite dykelets (1-6 cm) oriented along S1 - Samples: - J767527 to J767529: Systematic sampling	J767527 J767528 J767529	30.28 31.12 31.87	31.12 31.87 32.36	0.84 0.75 0.49	0.017 0.034 0.186	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	32.36	35.71	I1N Au - AURIFEROUS QUARTZ VEINS ZONE - 75% pale grey to whitish, strongly deformed, microfractured, coarse-grained, pluricentimetric to pluridecimetric wide QZ veins trending at 56° CA; Tr amount of PY and PO filling microfractures; veins are separated by centimetric to pluricentimetric wide, SR ±QZ envelopes associated with Tr to 5% PY±PO; minor of EP and CL; microfractures oriented at 33° and 55° CA; U/C oriented at 56° CA; L/C is strongly deformed - Samples: - J767530 to J767536: As per above description	J767530 J767531 J767532 J767533 J767534 J767535 J767536	32.36 32.86 33.36 33.86 34.36 34.86 35.26	32.86 33.36 33.86 34.36 34.86 35.26 35.71	0.50 0.50 0.50 0.50 0.50 0.40 0.45	-1.000 -1.000 -1.000 -1.000 -1.000 -1.000 -1.000	2.60 6.03 2.71 1.06 1.07 33.70 9.38	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
0	35.71	36.35	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; SI+ and moderately to fairly SR+; presence of reddish brown, very fine-grained phlogopite; original texture is preserved; foliation oriented at 57° CA; intersected by a QZ-FL-PO stringer (1 cm) oriented at 35° CA; U/C is strongly deformed; L/C is SR+ and oriented at 55° CA; - Sample: - J767537: Systematic sampling	J767537	35.71	36.35	0.64	-1.000	-1.00	13.25	-1.0
0	36.35	36.60	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - Whitish to bluish, coarse-grained QZ vein; microfractures oriented at 61° and 18° CA;	J767538	36.35	36.65	0.30	-1.000	18.10	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			minor amount of SR-EP-PO-PY filling microfractures; 2 specks (1 mm) of VG were observed within a thin SR envelope on the upper contact; U/C oriented at 60° CA; L/C is grinded - Sample: - J767538: As per above description								
0	36.60	37.00	SR+ V1 [I1D] [FO] - SR+ FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Strongly SR+ felsic volcanic / deformed tonalite; SR schist; 3% PO-PY forming blebs and thin stringers oriented along S1 (54° CA); L/C oriented at 42° CA - Sample: - J767539: Systematic sampling	J767539 J767540	36.65 36.95	36.95 37.35	0.30 0.40	-1.000 -1.000	0.77 0.14	-1.00 -1.00	-1.0 -1.0
0	37.00	38.17	I1N - QUARTZ VEINS ZONE - Same as 32.36-35.71; 55% QZ veins (4-40 cm along CA); Tr of SF; intersected by a fine-grained diorite dyke encountered between 36.82 and 38.08 - Samples: - J767540 to J767542: As per above description	J767541 J767542	37.35 37.80	37.80 38.30	0.45 0.50	-1.000 -1.000	0.32 0.08	-1.00 -1.00	-1.0 -1.0
0	38.17	38.77	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 50° CA - Sample: - J767543: Systematic sampling	J767543 J767544	38.30 38.75	38.75 39.05	0.45 0.30	7.120 -1.000	-1.00 15.70	-1.00 -1.00	-1.0 -1.0
0	38.77	39.42	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - 40% pale grey, microfractured, coarse-grained, QZ veins (1-15 cm along CA) oriented at 62° CA; Tr of SF (PO-PY); veins are hosted in strongly SR+ sheared metafelsite; QZ phenocrysts (2-5 mm) are stretched along S1; a speck (2 mm) of VG was observed on the core surface of the upper vein followed from 38.77 to 39.00;	J767545	39.05	39.45	0.40	-1.000	0.21	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			contacts are oriented at 60° CA - Sample: - J767544: As per above description; presence of a speck of VG - J767545: As per above description								
0	39.42	40.54	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 49° CA; SI+; slight bleaching (SI+) along fractures oriented at 10° and 43° CA; L/C oriented at 60° CA - Samples: - J767546 & J767547: Systematic sampling	J767546 J767547	39.45 39.95	39.95 40.70	0.50 0.75	0.111 0.040	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	40.54	42.27	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (47° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; moderately fractured along S1 and at 21° CA; <1% QZ veins (<2 cm) and stringers; contacts are strongly BO+; L/C contact oriented at 45° CA - Samples: - J767548 & J767549: Systematic sampling - J767550: Blank - J767551: Systematic sampling	J767548 J767549 J767551	40.70 41.45 41.95	41.45 41.95 42.30	0.75 0.50 0.35	0.013 0.011 0.011	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	42.27	44.43	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 54° CA; few QZ veins (<2 cm) and stringers were intersected; weakly fractured at 15° and 30° CA (with CB filling); L/C oriented at 57° CA - Samples: - J767552 to J767555: Systematic sampling	J767552 J767553 J767554 J767555	42.30 43.05 43.77 44.27	43.05 43.77 44.27 44.57	0.75 0.72 0.50 0.30	0.006 0.021 0.014 0.052	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	44.43	45.00	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described - Sample: - J767556: Deformed QZ stringer (1 cm) crosscutting BO+ upper contacts	J767556	44.57	45.00	0.43	0.008	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- EOH at 45.00 m								

End of Lithology and Assays ;

Hole: MO-10-09

Easting (mE):	662628.09	**Northing (mN):**	5995213.62	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	51.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 20, 2010 **Finished:** November 21, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 5.5 m of NW casing left in place; 23.87 g/T Au over 1.46 m (37.85-39.31) & 425.34 g/T Au over 0.60 m (42.68-43.28)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	5.50	OV - OVERBURDEN - 5.5 m of NW casing left in place								
0	5.50	28.00	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Pale grey to medium-grey, moderately to well foliated (banding) (55° CA), medium-grained (1-2 mm), weakly SR+ partially recrystallized felsic volcanic / deformed tonalite; mainly of PG and QZ, 2-7% finer-grained BO and minor amount CL; plurimillimetric to pluricentimetric banding resulting from variation of BO content; Tr-2% of disseminated PY and PO; presence of MG; 2-5% deformed QZ phenocrysts (2-5 and up to 10 mm); 10-15% medium-grained, whitish pluricentimetric to decimetric wide bands (resulting possibly from partial recrystallization and SI+) composed of whitish PG, QZ, coarser-grained BO and minor amount of CL; weakly fractured unit (at 10° and 35° CA); few QZ veins (<1 cm) and stringers, weakly mineralized with PO-PY, oriented at 15°, 30° and 55° CA were observed; locally sheared, SI+ and weakly SR+ (11.78-11.90 & 18.70-19.00) - <5% brownish green, fine-grained (1 mm) moderately to fairly BO+ gabbro dykes (<40 cm)								
0	28.00	34.21	I2I [PO] - PORPHYRITIC DIORITE - Dark greenish grey, weakly foliated (55°), porphyritic diorite; composed of 30% subedral grey PG phenocrysts (5-6 mm) set in a medium-grained (2-3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%)) with minor amount of EP and anedral (1 mm) reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY;few fractures oriented at 17° CA; U/C oriented at 54° CA; L/C oriented at 58° CA - Sample: - J767557: Systematic sampling	J767557	33.46	34.21	0.75	0.014	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	34.21	35.52	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 28° CA; weakly SR+; presence of QZ stringers (0.5 cm) oriented at 30° and 60° CA; 10% QZ phenocrysts (0.5 cm) forming eyes stretched along S1 - Samples: - J767558 & J767559: Systematic sampling	J767558	34.21	35.02	0.81	0.014	-1.00	-1.00	-1.0
				J767559	35.02	35.52	0.50	0.019	-1.00	-1.00	-1.0
1	35.41	35.52	I2J - DIORITE - Brownish grey, fine-grained, diorite dykelet with contact oriented at 58° CA								
0	35.52	35.85	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Shear zone affecting felsic volcanic / deformed tonalite; bluish grey to purplish grey, strongly SI+ and weakly to moderately SR+ shear zone; presence of reddish brown phlogopite; 1% PY-PO aligned along S1 (58° CA); 10% deformed QZ stringers (<1 cm) and 2 coarse-grained QZ veins (tw 2.5 & 7 cm) oriented along S1 - Sample: - J767560: As per above description	J767560	35.52	36.05	0.53	0.633	-1.00	-1.00	-1.0
0	35.85	37.50	I1N - QUARTZ VEINS ZONE - 65% pale grey, whitish and locally bluish, strongly deformed, microfractured, coarse-grained, pluricentimetric to plridecimetric wide QZ veins trending at 60° CA; Tr amount to 1% PY and PO; veins are separated by centimetric to pluricentimetric wide, SR ±QZ envelopes; microfractures oriented at 45° and 24° CA; CB-EP-CL filling fractures; no VG was observed on core surface; contacts are oriented at 60° CA - Samples: - J767761 & J767762: As per above	J767561	36.05	36.65	0.60	-1.000	3.23	-1.00	-1.0
				J767562	36.65	37.40	0.75	-1.000	0.76	-1.00	-1.0
				J767563	37.40	37.85	0.45	0.103	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			description								
0	37.50	38.25	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Sheared felsic volcanic / deformed tonalite; SI+ and moderately to strongly SR+; presence of reddish brown, very fine-grained phlogopite; original texture preserved with 10% QZ phenocrysts (0.5 cm) forming eyes stretched along S1; foliation oriented at 60° CA - The lower contact (37.92-38.25) is strongly SR+ with schistose aspect, associated with 3% SF and injected by 5% deformed QZ stringers (<1 cm) oriented along S1 - Samples: - J767563 & J767564: As per above description	J767564	37.85	38.25	0.40	1.335	-1.00	-1.00	-1.0
0	38.25	39.12	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - >90% pale grey, microfractured, coarse-grained, QZ vein with minor amount of BO, FL, whitish PG and SR; Tr of SF (PO-PY); a speck (1 mm) and a pinpoint of VG was observed on the core surface of the lower contact of the vein (39.008 m); contacts oriented at 35° CA - Sample: - J767565: As per above description - J767566: A speck (1 mm) and a pinpoint of VG was observed on the core surface	J767565 J767566	38.25 38.99	38.99 39.31	0.74 0.32	-1.000 -1.000	6.51 92.20	-1.00 -1.00	-1.0 -1.0
0	39.12	41.76	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 37.50-38.25; moderately to strongly SR+ with 2-5% PY; QZ phenocrysts (2-5 mm) are strongly stretched along S1; foliation oriented at 60° CA; 10% QZ veins (<3 cm) and stringers encountered in a strongly SR+ interval between 40.69 to 41.35 - Samples: - J767567 to J767570: As per above description	J767567 J767568 J767569 J767570 J767571	39.31 39.97 40.72 41.22 41.72	39.97 40.72 41.22 41.72 42.18	0.66 0.75 0.50 0.50 0.46	0.260 0.193 0.223 0.102 0.089	-1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	41.76	42.68	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 34.21-35.52; foliation oriented at 55° CA - Samples: - J767571 & J767572: As per above description								
1	41.78	42.06	I2J - DIORITE - Same as 35.41-35.52; contacts oriented at 53° CA								
2	42.06	42.68	- MAIN UNIT CONTINUES	J767572	42.18	42.68	0.50	0.098	-1.00	-1.00	-1.0
0	42.68	43.81	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - Pale grey, microfractured, coarse-grained, QZ vein; presence of SR-BO-CL forming thin envelopes (2-5 mm) oriented at 35° CA; 4 specks (1-2 mm) and some 30 pinpoints of VG were observed on the core surface between 42.75 and 42.86; 4 other pinpoints of VG at 43.21 m in a fracture oriented at 30°-40° CA and associated with a 3% PY±SP; upper wallrocks is strongly SI+ and SR+ over 5 cm; U/C oriented at 45° CA; L/C oriented at 64° CA - Sample: - J767573 & J767574: As per above description; presence of VG - J767575: Standard - J767576: As per above description	J767573 J767574 J767576	42.68 42.98 43.28	42.98 43.28 43.81	0.30 0.30 0.53	-1.000 -1.000 -1.000	690.00 148.00 0.41	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	43.81	44.81	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 34.21-35.52; foliation oriented at 57° CA; fractures at 45° CA with strongly EP+ wallrocks - Samples: - J767577 & J767578: As per above description	J767577 J767578	43.81 44.31	44.31 44.81	0.50 0.50	0.042 0.014	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	44.81	46.30	AM+ V3B	J767579	44.81	45.56	0.75	0.038	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- AMPHIBOLITIZED BASALT - Dark green, thinly foliated (47° CA), very fine to fine-grained AM+ basalt; Tr of disseminated SF; contacts are BO+; crosscutted by a QZ vein (1 cm) with no significant mineralization or alteration on wallrocks; contacts oriented at 55° CA - Samples: - J767579 & J767580: Systematic sampling	J767580	45.56	46.31	0.75	0.015	-1.00	-1.00	-1.0
0	46.30	48.75	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 43.81-44.81 - Sample: - J767581: Systematic sampling	J767581	46.31	47.06	0.75	0.021	-1.00	-1.00	-1.0
0	48.75	51.00	AM+ V3B - AMPHIBOLITIZED BASALT - Same as 44.81-46.30; upper contact is BO+ and intersected by 5% strongly deformed QZ stringers trending at 60° CA - EOH at 51 m								

End of Lithology and Assays ;

Hole: MO-10-10

Easting (mE):	662613.11	**Northing (mN):**	5995159.78	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	15.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 27, 2010 **Finished:** November 27, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 4' of NW casing left in place; 15.64 g/T Au over 1.20 m (3.31-4.51)

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QUÉBEC

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.22	OV - OVERBURDEN - 4' of NW casing left in place								
0	1.22	3.31	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey to purplish grey, moderately foliated (52° CA), medium-grained (1-2 mm), weakly SR+ partially recrystallized felsic volcanic / deformed tonalite; mainly of PG and QZ, 5% finer-grained BO and minor amount CL; 1-2% of disseminated PY and PO; Tr of MG; presence of medium-grained, whitish, centimetric bands (possibly resulting from partial recrystallization and SI+) composed of whitish PG, QZ, coarser-grained BO and minor amount of CL - Samples: - J767687 to J767689: Systematic sampljng	J767687 J767688	1.49 2.06	2.06 2.81	0.57 0.75	0.022 0.057	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
1	2.55	2.70	I2J - DIORITE - Brownish grey, fine-grained, diorite dykelet with contacts oriented along S1								
2	2.70	3.31	- MAIN UNIT CONTINUES	J767689	2.81	3.31	0.50	0.185	-1.00	-1.00	-1.0
0	3.31	4.51	I1N - QUARTZ VEINS ZONE - 60% pale grey, strongly deformed, dismembered, microfractured, coarse-grained, pluricentimetric to decimetric wide, QZ veins trending at 57° CA; weakly mineralized with PY and PO filling microfractures; veins are separated by centimetric to pluricentimetric wide, shistosed SR ±QZ envelopes associated with Tr to 5% PY±PO; microfractures oriented at 18° and 55° CA; no VG was observed on core surface; U/C oriented at 56° CA; L/C oriented at 55° CA - Samples: - J767690 & J767691: As per above description	J767690 J767691	3.31 3.81	3.81 4.51	0.50 0.70	-1.000 -1.000	3.24 24.50	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	4.51	5.99	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 1.22-3.31; foliation oriented at 53° CA; moderately SR+ unit; <1% QZ stringers (5 mm) transposed along S1 - Samples: - J767692 & J767693: Systematic sampling	J767692 J767693 J767694	4.51 5.11 5.91	5.11 5.91 6.41	0.60 0.80 0.50	0.125 0.121 -1.000	-1.00 -1.00 3.39	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	5.99	6.34	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - Same 3.31-4.51; 40% strongly deformed QZ veins trending at 55° CA; one pinpoint of VG observed on core surface at 6.07 m - Sample: - J767694: As per above description								
0	6.34	7.46	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 43° CA; original texture is obliterated; moderately SI+ and weakly SR+; 2% BO and reddish brown phologopite; intersected by a fine-grained diorite dykelet (1 cm) oriented along S1 - Samples: - J767695 & J767696: Systematic sampling	J767695 J767696 J767697	6.41 7.01 7.41	7.01 7.41 7.91	0.60 0.40 0.50	0.397 0.099 -1.000	-1.00 -1.00 0.14	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	7.46	7.90	I1N - QUARTZ VEINS ZONE - 50% pale grey, deformed and microfractured, coarse-grained QZ veins (1-7 cm) oriented at 55° CA ; weakly mineralized with PY and PO; veins are separated by centimetric to pluricentimetric wide, shistosed SR ±QZ envelopes associated with Tr to 2% PY±PO; presence of BO and withish PG within vein - Samples: - J767697: As per above description								
0	7.90	8.65	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT	J767698 J767699	7.91 8.51	8.51 9.04	0.60 0.53	0.184 -1.000	-1.00 0.42	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- As previously described; foliation oriented at 49° CA; original texture is obliterated; moderately to strongly SI+ and weakly SR+; 2% BO and reddish brown phologopite; intersected by a fine-grained diorite dykelet (1 cm) oriented along S1; <1% QZ veins (<2 cm) and stringers oriented along S1; lower contact is fairly SR+ with 3% PY - Samples: - J767698: Systematic sampling								
0	8.65	9.44	I1N - QUARTZ VEINS ZONE - 50% pale grey, deformed and microfractured, coarse-grained QZ veins; Tr to 5% PY and PO filling microfractures oriented 30° and 65° CA; SR ±CL forming thin, plurimillimetric wide envelopes oriented at 45° CA; presence of CL and withish PG within veins; lower wallrock is SI+ and SR+ over 3 cm; contacts oriented at 50° CA - Samples: - J767699: As per above description - J767700: Blank - J767701: As per above description	J767701	9.04	9.54	0.50	-1.000	0.62	-1.00	-1.0
0	9.44	10.00	V1 [I1D] [PO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey, moderately foliated (40° CA), porphyritic, felsic volcanic / deformed tonalite; composed of 40% PG-QZ phenocrysts (2-3 mm) set in a medium-grained matrix composed QZ and PG, and 3% finer-grained BO; <1% disseminated PY and PO; QZ phenocrysts (5-12 mm) forming locally eyes elongated along S1; weakly fractured unit; L/C oriented at 55° CA - Samples: - J767702: Systematic sampling	J767702 J767703	9.54 9.97	9.97 10.89	0.43 0.92	0.008 0.037	-1.00 -1.00	-1.00 -1.00	-1.0 -1.0
0	10.00	12.53	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (60° CA), aphanitic to very fine-grained, AM+ basalt; Tr of disseminated SF; <1% QZ veins stringers filling fractures; weakly fractured along S1	J767704 J767705 J767706	10.89 11.79 12.29	11.79 12.29 12.59	0.90 0.50 0.30	0.009 0.012 0.023	-1.00 -1.00 -1.00	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			and at very low angle to CA; L/C contacts oriented at 55° CA - Samples: - J767703 to J767705: Systematic sampling - J767706: QZ-CB-EP with coarser-grained AM and possible K FP alteration zone (5 cm) associated with 0.5% PY; deformed QZ vein (tw 1-2 cm) oriented at 50° CA and located on the lower contact								
0	12.53	14.55	V1 [I1D] [PO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 9.44-10.00; foliation oriented at 55° CA; weakly fractured at 10° and 70° CA; fairly SI+ unit; L/C is weakly EP+ and oriented at 50° CA - Samples: - J767707 to J767709: Systematic sampling	J767707 J767708 J767709 J767710	12.59 13.34 14.09 14.49	13.34 14.09 14.49 15.00	0.75 0.75 0.40 0.51	0.016 0.006 -0.005 0.057	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	14.55	15.00	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described; - Sample: - J767710:QZ-CB-EP with coarser-grained AM and possible K FP alteration zone (1 cm) associated with 1% PY; deformed QZ stringers (tw 0.5 cm) oriented at 50° CA								

End of Lithology and Assays ;

Hole: MO-10-11

Easting (mE):	662616.47	***Northing (mN):***	5995175.30	***Elevation:***	429.00
AltEasting:	0.00	***AltNorthing:***	0.00	***AltElevation:***	0.00
Azimuth:	0.00	***Dip:***	-90.00	***Length:***	21.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ ***Zone:*** Moman ***Contractor:*** G4 Drilling Ltd

Started: November 27, 2010 ***Finished:*** November 27, 2010 ***Logged By:*** R. Moar

Claim Number: CDC 3936 ***Cemented:*** ☐ ***Surveyed:*** ☐ ***Casing:*** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 2' of NW casing left in place; 11.20 g/T Au over 0.62 m (19.12-19.74)

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	0.60	OV - OVERBURDEN - 2' of NW casing left in place								
0	0.60	5.11	I2J [PO] - PORPHYRITIC DIORITE - Homogeneous unit; dark greenish grey, weakly foliated (53°), porphyritic diorite; composed of 10-20% slightly EP+ subedral grey PG phenocrysts (3-5 mm) set in a medium-grained (3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%)) with minor amount of EP and anedral (1 mm) reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY; weakly fractured unit; L/C oriented at 50° CA - Sample: - 819951: Collected for environmental study only								
0	5.11	6.24	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey, moderately foliated (55° CA), medium-grained (1-2 mm) felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 3% very fine-grained BO and 2-5% SR; Tr-1% disseminated PO-PY; Tr amount of MG (0.5 mm); presence of centimetric wide, bands oriented along S1with whitish PG and coarser-grained BO and resulting possibly from SI+ and partial recrystallization; weakly fractured unit; L/C oriented at 24° CA								
0	6.24	8.57	I1G - PEGMATITE - Pale grey to pale rose, pegmatite (1-4 cm) dyke composed of an assemblage of QZ, K FP, PG and finer-grained BO; Tr to 5% subedral (1-2 mm) reddish brown GR; 1-5% MG; L; L/C oriented at 40° CA - Sample: - 819952: Collected for environmental study only								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	8.57	9.25	I2J [PO] - PORPHYRITIC DIORITE - Brownish to greenish grey, well foliated (60° CA) porphyritc diorite dykes composed of 20% AM-BO phenocrysts (2-10 mm) set in a fine-grained (1 mm) intermediate groundmass; mafic phenocrysts are oriented along S1; Tr of disseminated PY; contacts oriented at 60° CA								
0	9.25	9.75	I2J [PO] - PORPHYRITIC DIORITE - Same as 0.60-5.11; L/C oriented at 60° CA								
0	9.75	15.98	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; finer-grained; medium grey to purplish grey, moderately SR+ (5-10%) felsic volcanic; foliation oriented at 60° CA; weakly fractured (50° (opposite to S1) and 65° CA); QZ vein (1 cm) oriented at 40° CA intersected at 10.80 m; no significant mineralization or alteration on wallrocks; parasitic folding affecting a QZ stringer oriented a very angle to CA and followed from 14.58 to 15.38 - Sample: - 819953: Collected for environmental study only								
1	12.40	12.50	I2J - DIORITE - Brownish grey, fine-grained, diorite dykelet with contacts oriented at 55° CA								
2	12.50	15.98	- MAIN UNIT CONTINUES - Samples: - J767741 to J767744: Systematic sampling	J767741 J767742 J767743 J767744	13.23 13.98 14.73 15.48	13.98 14.73 15.48 15.98	0.75 0.75 0.75 0.50	0.127 0.124 0.132 0.559	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	15.98	17.24	I1N - QUARTZ VEIN - Pale grey, coarse-grained, deformed, partially dismembered, microfractured QZ	J767745 J767746	15.98 16.64	16.64 17.25	0.66 0.61	-1.000 -1.000	1.27 0.41	-1.00 -1.00	-1.0 -1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			vein; weakly mineralized (<1%) with PY and PO filling microfractures; SR forming schistosed, plurimillimetric to centimetric wide, envelopes associated with Tr of PY; microfractures oriented at 55°, 24° and 5° CA; L/C intersected a fine-grained diorite dykelet (7 cm); U/C oriented at 50° CA; L/C oriented at 55° CA; excellent core recovery - Samples: - 767745 & 767746: As per above description - 819954: ¼ core of sample 767745; collected for environmental study only - 819955: ¼ core of sample 767746; collected for environmental study only								
0	17.24	18.42	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Fine-grained; pale grey to purplish grey, SI+ and SR+ (5-10%) sheared (60° CA) felsic volcanic; foliation oriented at 60° CA; weakly fractured unit; <1% thin stringers transposed along S1 - Samples: - 767747 & 767748: As per above description	J767747 J767748 J767749	17.25 17.75 18.35	17.75 18.35 18.80	0.50 0.60 0.45	1.070 0.127 -1.000	-1.00 -1.00 0.23	-1.00 -1.00 -1.00	-1.0 -1.0 -1.0
0	18.42	19.17	I1N - QUARTZ VEINS ZONE - 10% deformed QZ veins (<2 cm) and stringers hosted in strongly in strongly SI+ and SR+, pale grey to purplish grey medium-grained to very fine-grained sheared (60° CA) felsic volcanic associated with Tr to 1% PO-PY; original texture is partially to completely obliterated - Samples: - 767749: As per above description - 767750: Blank - 767751: As per above description	J767751 J767752	18.80 19.12	19.12 19.74	0.32 0.62	-1.000 -1.000	0.17 11.20	-1.00 -1.00	-1.0 -1.0
0	19.17	19.72	I1N Au - MOMAN GOLD-BEARING QUARTZ VEIN - Pale grey, deformed, microfractured, coarse-grained, QZ vein; weakly mineralized with PY and PO; BO±CL±PY forming a sheared envelope (5-10 mm) oriented at 30° CA; fairly fractured vein; 6 pinpoints of VG								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			were observed on core surface at 19.61; minor amout of CB, CL, EP and possible fluorite; lower contact is fairly SR+; contacts are oriented at 60° CA - Sample: - 767752: As per above description								
0	19.72	20.22	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; with SI+ and SR+ decreasing at depth; foliation oriented at 60° CA; L/C oriented at 45° CA - Sample: - 767753: Systematic sampling	J767753	19.74	20.22	0.48	0.223	-1.00	-1.00	-1.0
0	20.22	21.00	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (50° CA), aphaniitic, AM+ basalt; Tr of disseminated SF; intersected by <1% deformed QZ veins (1 cm) and stringers; upper contact is strongly BO ; fractures oriented at 10° CA; deformed QZ vein (tw 1 cm) with strongly altered (CB-EP-AM±PY) wallrocks intersected at 20.95 - Sample: - 767754: Systematic sampling - EOH at 21.00 m	J767754	20.22	21.00	0.78	0.018	-1.00	-1.00	-1.0

End of Lithology and Assays ;

Hole: MO-10-12

Easting (mE):	662620.34	**Northing (mN):**	5995174.34	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	24.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 27, 2010 **Finished:** November 27, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 4' of NW casing left in place

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.22	OV - OVERBURDEN - 4' of NW casing left in place								
0	1.22	7.91	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey, moderately to well foliated (57° CA), medium-grained (1-2 mm) felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 2-5% very fine-grained BO and variable amount of SR; Tr-1% disseminated PO-PY; presence of QZ phenocrysts (2-5 mm); 3%, centimetric wide, bands oriented along S1with whitish PG and coarser-grained BO and associated with QZ stringers (<1 cm); locally SI+ and SR+; weakly fractured unit at 15°, 30° and 60° CA - Sample: - J767740: Systematic sampling, QZ vein (tw 1 cm) oriented at 20° CA; lower wallrock comprises thin BO+ and weakly EP+ mafic horizon (0.5 cm); presence of pale rose subedral (1 mm) GR	J767740	4.16	4.46	0.30	0.008	-1.00	-1.00	-1.0
0	7.91	8.14	I2J [PO] - PORPHYRITIC DIORITE - Homogeneous unit; dark greenish grey, weakly foliated (57°), porphyritic diorite; composed of 15-20% slightly EP+ subedral grey PG phenocrysts (3-5 mm) set in a medium-grained (3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%)) with minor amount of EP and anedral (1 mm) reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY; weakly fractured unit; contacts oriented along S1								
0	8.14	9.00	I2J [PO] - PORPHYRITIC DIORITE - Brownish to greenish grey, foliated (60° CA) porphyritc diorite dykes composed of 20% AM-BO phenocrysts (5-15 mm) set in a fine-grained (1 mm) intermediate groundmass; contacts oriented at 60° CA								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	9.00	18.60	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 60° CA; crosscutted by few strongly deformed and BO+ mafic dykelets (2-6 cm); deformed with presence of pale grey with purplish hue, strongly SI+ and moderately SR+, sheared intervals intersected between 9.30-12.00 & 13.35-13.93; sheared felsic volcanic exhibits QZ phenocrysts (2-5 mm) forming eyes stretched along S1 and are associated with 1-5% deformed QZ veins (1-3 cm) and stringers weakly mineralized with SF; L/C is strongly SI+ over 30 cm - Samples: - J767731: Systematic sampling - J767732: QZ vein (tw 4 cm) oriented at 55° CA and intersected from 10.24-10.28; presence of fluorite; 3% PO-PY on lower wallrock; hosted in strongly SI+ and moderately SR+, sheared felsic volcanic; set of fractures at 15° and 30° CA - J767733: Systematic sampling - J767734: 5% deformed QZ stringers (<1 cm) transposed along S1; a subedral (2 mm) grain of fluorite was observed in a folded vein (1 cm) with axial plane oriented at 55° CA - J767735 & J767736: Systematic sampling - J767737: Strongly SI+ and moderately SR+ shear zone (25 cm) oriented at 52° CA; 5% PO-PY - J767738: Systematic sampling	J767731 J767732 J767733 J767734 J767735 J767736 J767737 J767738	9.30 10.10 10.40 11.20 12.00 12.80 13.35 13.75	10.10 10.40 11.20 12.00 12.80 13.35 13.75 14.55	0.80 0.30 0.80 0.80 0.80 0.55 0.40 0.80	0.030 0.144 0.083 0.153 0.057 0.053 0.063 0.037	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
0	18.60	20.42	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (60° CA), aphanitic to very fine-grained AM+ basalt; Tr of disseminated SF; intersected by 1% deformed QZ veins (1 cm) and stringers oriented at 55° (opposite) and 60° CA; presence of QZ-CB-EP-K FP? with coarser-grained AM alteration zones (7 cm) associated with 2% PY-PO encountered at 18.93; contacts are BO+; U/C oriented at 60° CA; L/C oriented at 50° CA - Sample:	J767739	18.75	19.05	0.30	0.035	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			- J767739: Systematic sampling; QZ-CB-EP-K FP? with coarser-grained AM alteration zones (7 cm)								
0	20.42	21.68	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 60° CA; strongly SI+								
0	21.68	24.00	AM+ V3B - AMPHIBOLITIZED BASALT - As previously described; upper contact is BO+ with 1% QZ stringers (2-3 mm) over 30 cm; foliation oriented at 50° CA; QZ-CB-EP-K FP? with coarser-grained AM alteration zones (2 cm) associated with 2% PO±PY intersected at 22.00; U/C oriented at 55° CA - EOH at 24.00 m								

End of Lithology and Assays ;

Hole: MO-10-13

Easting (mE):	662624.95	**Northing (mN):**	5995188.64	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	30.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 26, 2010 **Finished:** November 26, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 1.5 m of NW casing left in place

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	1.50	OV - OVERBURDEN - 1.5 m of casing left in place								
0	1.50	6.00	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey to purplish grey, moderately to well foliated (50-55° CA), medium-grained (1-2 mm) felsic volcanic / deformed tonalite; mainly composed of PG and QZ, 2-5% very fine-grained BO and variable amount of SR; Tr-1% disseminated PO-PY; presence of QZ phenocrysts (2-5 mm); 1%, centimetric wide, bands oriented along S1with whitish PG and coarser-grained BO and associated with QZ stringers (<1 cm); SI+ with partial recrystallization; with pluridecimetric to metric SI+ and SR+ intervals; weakly fractured unit at 50° CA (opposite to S1); L/C oriented at 35° CA - Samples: - J767646 to J767649: Systematic sampling	J767646 J767647 J767648 J767649	2.52 3.32 4.07 4.82	3.32 4.07 4.82 5.57	0.80 0.75 0.75 0.75	1.555 0.246 0.162 0.027	-1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0
0	6.00	11.18	I2J [PO] - PORPHYRITIC DIORITE - Homogeneous unit; dark greenish grey, weakly foliated (47°), porphyritic diorite; composed of 15-20% slightly EP+ subedral grey PG phenocrysts (3-5 mm) set in a medium-grained (3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%)) with minor amount of EP and anedral (1 mm) reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY;weakly fractured unit; L/C oriented at 50° CA								
0	11.18	11.63	SI+ V1 [I1D] [FO] - SILICIFIED FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; strongly SI+ with 5% strongly deformed QZ stringers trending along foliation (35° to 50° CA); 1-2% PO-PY; L/C oriented at 30° (crosscutting S1 and opposite to the U/C)								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	11.63	12.02	I2J [PO] - PORPHYRITIC DIORITE - Same as 6.00-11.18; L/C oriented at 55° CA								
0	12.02	17.32	V1 [I1D] [PO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Pale grey to medium-grey, moderately to well foliated (55° CA), porphyritic, fairly SI+, partially recrystallized felsic volcanic / deformed tonalite; composed of 15-20% anedral PG-QZ phencocrysts (2-5 mm) set in a medium-grained matrix composed QZ and PG, and 2-7% finer-grained BO; <1% disseminated PY and PO; presence of deformed QZ phenocrysts (2-5 mm); 10-15% medium-grained, whitish centimetric to pluricentimetric wide bands (resulting from SI+ and partial recrystallization?) composed of whitish PG, QZ, coarser-grained BO and associated with thin QZ stringers oriented along S1; weakly fractured unit; few QZ veins (<1 cm) and stringers weakly mineralized with PO-PY were observed - Intersected by <1% centimetric to decimetric wide, fine-grained, strongly BO+ and moderately EP+ mafic dykelets								
0	17.32	18.16	I2J [PO] - PORPHYRITIC DIORITE - Same as 6.00-11.18; contacts are intersected by brownish to greenish grey, foliated (60° CA) porphyritc diorite dykes with 20% AM-BO phenocrysts (5-15 mm) set in a fine-grained (1 mm) groundmass; Tr of disseminated PY								
1	17.32	17.36	I2J [PO] - PORPHYRITIC DIORITE - Brownish to greenish grey, foliated (60° CA) porphyritc diorite dykes composed of 20% AM-BO phenocrysts (5-15 mm) set in a fine-grained (1 mm) intermediate groundmass; contacts oriented at								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			55° CA								
1	17.62	18.16	I2J [PO] - PORPHYRITIC DIORITE - Same as 17.32-17.36; U/C oriented at 62° CA; L/C fractured								
0	18.16	27.02	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Same as 12.02-17.30; foliation oriented at 63°-65° CA; weakly fractured at 13° and 20° CA (with CB-CL filling); sheared, SI+ and SR+ interval (19.26-20.00) injected by 2% QZ veins and stringers oriented along S1; overall poorly developped QZ veins and stringers; intersected by a fine-grained diorite dykelet (23.86-23.92); lower contact is intersected by a strongly deformed and BO+, fine-grained gabbro dyke with U/C oriented at 35° CA and L/C oriented from 30° and following CA at low angle - Samples: - J767650: Blank - J767651: Systematic sampling - J767652: Deformed QZ vein (3 cm) oriented at 55° CA; SI+ wallrocks with Tr of SF - J767653 to J767657: Systematic sampling	J767651 J767652 J767653 J767654 J767655 J767656 J767657	18.45 19.20 19.60 20.35 21.10 21.85 22.60	19.20 19.60 20.35 21.10 21.85 22.60 23.35	0.75 0.40 0.75 0.75 0.75 0.75 0.75	0.032 0.037 0.061 0.010 0.006 0.009 0.017	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
0	27.02	28.75	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (50° CA), aphanitic to very fine-grained AM+ basalt; Tr of disseminated SF; intersected by few deformed QZ veins (1 cm) and stringers oriented at 60° CA and associated with BO+ of wallrocks; thin QZ stringers filling fractures at 35° and 55° CA (opposite); presence of QZ-CB-EP-K FP? with coarser-grained AM alteration zones (2-6 cm); contacts oriented at 60° CA								
1	27.02	27.33	AM+ I3A - AMPHIBOLITIZED GABBRO DYKE - Fine-grained gabbro dyke with								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			strongly deformed and BO+ upper contact oriented at 60° CA; fold axis oriented at 55° CA								
2	27.33	28.75	- MAIN UNIT CONTINUES - Samples: - J767658: 5% deformed QZ veins (<1 cm); presence of QZ-CB-EP-K FP? with coarser-grained AM alteration zones (6 cm)	J767658	28.12	28.76	0.64	0.029	-1.00	-1.00	-1.0
0	28.75	30.00	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; foliation oriented at 50° CA; CB filling fracture at 12° CA - EOH at 30.00 m								

End of Lithology and Assays ;

Hole: MO-10-14

Easting (mE):	662619.62	**Northing (mN):**	5995189.97	**Elevation:**	429.00
AltEasting:	0.00	**AltNorthing:**	0.00	**AltElevation:**	0.00
Azimuth:	0.00	**Dip:**	-90.00	**Length:**	36.00 *m.*
AltAzimuth:	0.00				

Core Diameter: NQ **Zone:** Moman **Contractor:** G4 Drilling Ltd

Started: November 26, 2010 **Finished:** November 26, 2010 **Logged By:** R. Moar

Claim Number: CDC 3936 **Cemented:** ☐ **Surveyed:** ☐ **Casing:** ☑

Township: NTS 33I02; UTM Zone 18 (NAD 83)

Description: 2' of NW casing left in place

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Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
0	0.00	0.60	OV - OVERBURDEN - 2' of casing left in place								
0	0.60	10.37	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - Medium grey to purplish grey, moderately to well foliated (52° CA), porphyritic, felsic volcanic / deformed tonalite; composed of 15-20% anedral PG-QZ phencocrysts (2-5 mm) set in a medium-grained matrix composed QZ and PG, and 2-7% finer-grained BO; <1% disseminated PY and PO; presence of deformed QZ phenocrysts (2-5 mm); 1%, centimetric wide, bands oriented along S1with whitish PG and coarser-grained BO and associated with QZ stringers (<1 cm); SI+ with partial recrystallization; SI+ and SR+ intervals (1.17-5.70, 7.00-7.30 & 8.13-8.89) associated with 2% QZ veins (<1 cm) and stringers oriented along S1; weakly fractured unit; L/C oriented at 55° CA - Intersected by <5% moderetely to strongly BO+, fine-grained gabbro dykelets (<10 cm) oriented along S1 - Samples: - J767659 to J767667: Systematic samplig; SR+ and SI+ felsic volcanic crosscutted by 2% QZ veins (<1 cm) and stringers - J767668: Coarse-grained, mircrofractured QZ vein (tw 18 cm); EP-AM-CL-BO and whitish FP filling fractures; Tr amount of PO and PY; upper walrock is strongly SR+; SR-QZ-BO forming an enveloppe (4-7 cm) within the vein; contacts oriented at 65° CA - J767669: Systematic sampling	J767659 J767660 J767661 J767662 J767663 J767664 J767665 J767666 J767667 J767668 J767669	1.65 2.40 3.15 3.90 4.65 5.40 5.70 6.50 7.30 8.05 8.45	2.40 3.15 3.90 4.65 5.40 5.70 6.50 7.30 8.05 8.45 9.20	0.75 0.75 0.75 0.75 0.75 0.30 0.80 0.80 0.75 0.40 0.75	0.295 1.535 2.000 0.054 0.066 0.250 0.031 0.060 0.128 0.534 0.335	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00 -1.00	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0
0	10.37	15.44	I2J [PO] - PORPHYRITIC DIORITE - Homogeneous unit; dark greenish grey, weakly foliated (59°), porphyritic diorite; composed of 15-20% slightly EP+ subedral grey PG phenocrysts (3-5 mm) set in a medium-grained (3 mm) intermediate groundmass composed of PG and 40% mafic minerals (CL+ AM and BO (20%)) with minor								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			amount of CL, EP and anedral (1 mm) reddish GR; mafic minerals oriented along S1; Tr of finely disseminated PY; weakly fractured unit; L/C oriented at 60° CA								
0	15.44	17.28	V1 [I1D] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; with few QZ stringers oriented along foliation (58° CA) or filling fractures at 10° CA; L/C oriented at 60°								
0	17.28	18.74	I2J [PO] - PORPHYRITIC DIORITE - Same as 10.37-15.44; contacts are intersected by brownish to greenish grey, pluricentimetric wide, foliated (53° CA) porphyritc diorite dykes composed of 20% AM-BO phenocrysts (5-15 mm) set in a fine-grained (1 mm) groundmass; Tr of disseminated PY								
1	17.28	17.68	I2J [PO] - PORPHYRITIC DIORITE - Brownish to greenish grey, foliated (60° CA) porphyritc diorite dykes composed of 20% AM-BO phenocrysts (5-15 mm) set in a fine-grained (1 mm) groundmass; contacts oriented at 62° CA								
2	17.68	18.30	- MAIN UNIT CONTINUES								
1	18.30	18.74	I2J [PO] - PORPHYRITIC DIORITE - Same as 17.28-17.68 with contacts oriented at 55° CA								
0	18.74	28.09	V1 [I1D] [FO] - FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT - As previously described; well foliated (55° CA); up to 10% QZ phenocrysts (2-7 mm); weakly fractured unit; overall poorly developped QZ veins and stringers; intersected by 2 fine-grained diorite dykelets								

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			(21.57-21.68 & 26.70-27.00) - Samples: - J767670 to J767673: Systematic sampling								
1	21.58	21.69	I2J - DIORITE - Brownish grey, fine-grained, diorite dykelet with contacts oriented at 50° CA								
2	21.69	26.71	- MAIN UNIT CONTINUES	J767670	25.30	26.10	0.80	0.061	-1.00	-1.00	-1.0
				J767671	26.10	26.85	0.75	0.021	-1.00	-1.00	-1.0
1	26.71	27.00	I2J - DIORITE - Same as 21.58-21.69; U/C oriented at 35° CA; L/C ondulating at 35° CA	J767672	26.85	27.60	0.75	0.019	-1.00	-1.00	-1.0
2	27.00	28.09	- MAIN UNIT CONTINUES	J767673	27.60	28.09	0.49	0.018	-1.00	-1.00	-1.0
0	28.09	30.14	V1 [I1D] [FO] / I1N - SILICIFIED & SERICITIZED FELSIC VOLCANIC / DEFORMED TONALITE - LAC D'AIGUILLON FELSIC UNIT / QUARTZ VEINS - Medium to pale-grey to purplish grey, well foliated (sheared) (55° CA), moderately to strongly SI+ and SR+ felsic volcanic / deformed tonalite; 10% pale grey, coarse-grained, microfractured; moderately to strongly deformed, dismembred QZ veins (tw 1-8 cm) weakly mineralized with PY and PO; minor amount of CB; the widest veins was intersected between 28.85-28.95 and ; no VG was observed on core surface; U/C oriented at 55° CA; L/C oriented at 40° CA - Samples: - J767674: As per above description - J767675: Standard - J767676 to J767678: As per above description - J767679: Systematic sampling	J767674	28.09	28.74	0.65	0.078	-1.00	-1.00	-1.0
				J767676	28.74	29.04	0.30	0.115	-1.00	-1.00	-1.0
				J767677	29.04	29.54	0.50	0.159	-1.00	-1.00	-1.0
				J767678	29.54	29.84	0.30	0.289	-1.00	-1.00	-1.0
				J767679	29.84	30.34	0.50	0.061	-1.00	-1.00	-1.0
0	30.14	31.94	AM+ V3B - AMPHIBOLITIZED BASALT - Dark green, thinly foliated (61° CA),	J767680	30.34	31.07	0.73	0.014	-1.00	-1.00	-1.0
				J767681	31.07	31.94	0.87	0.014	-1.00	-1.00	-1.0

Lithology and Assays:

Level	From	To	Description	Sample Number	From	To	Length	AA24 ppm	SCR21 ppm	GRA22 ppm	CON01 ppm
			aphaniitic, AM+ basalt; Tr of disseminated SF; intersected by 1% deformed QZ veins (1 cm) and stringers and associated with Tr to 1% SF (PO-PY) on wallrocks; thin QZ stringers filling fractures at 35° and 55° CA (opposite); L/C contacts oriented at 60° CA - Samples: - J767680 & J767681: Systematic sampling								
0	31.94	34.08	V1 [I1D] [FO] [PO]	J767682	31.94	32.69	0.75	0.103	-1.00	-1.00	-1.0
			- FELSIC VOLCANIC / DEFORMED	J767683	32.69	33.29	0.60	0.036	-1.00	-1.00	-1.0
			TONALITE - LAC D'AIGUILLON FELSIC UNIT	J767684	33.29	34.04	0.75	0.007	-1.00	-1.00	-1.0
			- As previously described; foliation oriented at 55° CA; absence of QZ veins and stringers; weakly fractured unit; L/C oriented at 60° CA - Samples: - J767682 to J767684: Systematic sampling	J767685	34.04	34.88	0.84	0.086	-1.00	-1.00	-1.0
0	34.08	36.00	AM+ V3B - AMPHIBOLITIZED BASALT - Dark greenish grey, foliated (51° CA), very fine-grained (0.5 mm) basalt; composed of 60% green AM and 40% light grey PG; the upper contact (34.08 to 34.86) is weakly to strongly BO+ and crosscutted by 20% strongly deformed QZ vein (tw 1.5-3 cm) and stringers (<1 cm) trending at 50° CA; CB-EP with coarser-grained AM and possible K FP alteration on wallrocks - Samples: - J767685: As per above description - J767686: Systematic sampling	J767686	34.88	36.00	1.12	0.025	-1.00	-1.00	-1.0

End of Lithology and Assays ;

ANNEXE III CERTIFICATS D'ANALYSES

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 5- DEC- 2010
Account: RESSIR

CERTIFICATE TB10172910

Project: RS

P.O. No.:

This report is for 65 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 15- NOV- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 5- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10172910

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J764000		2.21	0.150
J764001		2.34	0.182
J764002		1.88	0.169
J764003		2.11	0.318
J764004		2.62	1.475
J764005		2.39	1.020
J764006		2.05	<0.005
J764007		2.06	0.021
J764008		2.67	0.036
J764009		1.27	0.048
J764010		1.23	0.294
J764011		1.73	0.202
J764012		2.48	0.016
J764013		1.24	1.200
J764014		2.18	0.080
J764015		1.97	0.016
J764016		2.48	0.054
J764017		2.17	0.084
J764018		1.45	0.146
J764019		1.74	0.090
J764021		1.39	0.373
J764022		1.71	0.294
J764023		1.77	0.103
J764024		2.50	0.030
J764025		0.10	1.345
J764026		1.15	0.035
J764027		1.33	0.040
J764028		2.41	0.033
J764029		2.37	0.038
J764030		1.47	0.018
J764031		1.97	0.064
J764032		2.77	0.131
J764033		1.25	0.022
J764034		2.15	4.63
J764035		1.59	0.530
J764036		2.70	0.383
J764037		1.34	2.01
J764038		2.42	0.055
J764039		1.43	0.071
J764040		1.82	0.047

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Project: RS

CERTIFICATE OF ANALYSIS TB10172910

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J764041		1.28	1.550
J764042		2.41	0.119
J764043		1.73	0.104
J764044		0.87	0.176
J764045		1.39	0.332
J764046		0.89	1.570
J764047		0.93	0.966
J764048		1.63	0.136
J764049		1.24	0.111
J764050		0.77	<0.005
J764051		1.22	0.096
J764052		1.48	0.293
J764053		1.83	0.130
J764054		3.16	0.051
J764055		2.77	0.069
J764056		0.96	2.75
J764057		1.53	0.015
J764058		1.47	0.418
J764059		2.10	0.098
J764060		1.23	0.642
J764061		2.19	0.072
J764062		1.68	0.094
J764063		2.01	0.026
J764064		1.70	0.054
J764065		1.05	0.257

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Finalized Date: 5- DEC- 2010
Account: RESSIR

CERTIFICATE TB10173024

Project: RS

P.O. No.:

This report is for 2 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 15- NOV- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
PUL- 21	Pulverize entire sample
LOG- 21	Sample logging - ClientBarCode
SPL- 21	Split sample - riffle splitter
CRU- 21	Crush entire sample > 70% - 6 mm

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 5- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10173024

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J764020		1.65	11.70	78.7	8.65	5.519	70.14	1542.0	8.12	9.17
J764066		0.49	66.6	185.5	53.0	8.882	47.93	416.7	54.7	51.2

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Finalized Date: 15- DEC- 2010
Account: RESSIR

CERTIFICATE TB10172909

Project: RS

P.O. No.:

This report is for 134 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 15- NOV- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10172909

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764067		1.33	0.031	
J764068		2.06	0.044	
J764069		2.44	0.037	
J764070		1.47	0.070	
J764071		0.81	0.126	
J764072		1.70	0.031	
J764073		1.83	0.032	
J764074		2.19	0.028	
J764075		0.10	1.135	
J764076		1.33	0.018	
J764077		0.79	0.036	
J764078		1.34	0.040	
J764079		1.68	0.010	
J764080		1.02	0.011	
J764081		1.81	0.014	
J764082		1.31	0.042	
J764083		2.18	0.009	
J764084		1.23	0.046	
J764085		1.33	0.203	
J764086		1.42	0.052	
J764087		1.07	8.61	4.00
J764088		2.00	0.055	
J764089		0.98	0.284	
J764090		1.68	0.057	
J764091		2.28	0.205	
J764092		2.24	0.114	
J764093		1.12	0.189	
J764094		2.25	0.246	
J764095		2.16	0.130	
J764096		0.98	0.648	
J764097		1.93	0.117	
J764098		1.93	0.068	
J764099		1.02	1.795	
J764100		0.61	<0.005	
J764101		1.49	0.153	
J764102		1.72	0.201	
J764103		1.10	0.525	
J764104		1.40	0.605	
J764105		1.25	0.480	
J764106		2.29	0.029	

Comments: additional results for sample J764087 are > 10 ppm (Au- AA23) and 7.23 Au- GRA21

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Finalized Date: 15- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10172909

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764107		1.88	0.064	
J764108		1.40	0.042	
J764109		1.32	0.069	
J764110		1.63	0.152	
J764111		1.06	1.370	
J764112		2.45	0.054	
J764113		2.02	0.022	
J764114		1.08	0.038	
J764115		1.05	0.087	
J764116		2.10	0.015	
J764117		2.17	0.013	
J764118		1.01	0.656	
J764119		2.23	0.063	
J764120		3.06	0.039	
J764121		2.83	0.040	
J764122		2.96	0.020	
J764123		2.15	0.022	
J764124		1.60	0.042	
J764125		0.10	1.095	
J764126		2.98	0.056	
J764127		2.02	0.012	
J764128		1.37	0.052	
J764129		1.09	0.329	
J764130		1.74	0.115	
J764131		0.95	0.039	
J764132		2.48	0.077	
J764133		1.08	0.031	
J764134		1.91	0.101	
J764135		2.12	0.049	
J764136		1.33	0.012	
J764137		1.24	0.078	
J764138		2.60	0.036	
J764139		2.78	0.020	
J764140		1.09	0.048	
J764141		2.08	0.087	
J764142		1.10	1.155	
J764143		1.08	0.203	
J764144		1.22	0.701	
J764145		1.17	0.662	
J764146		1.89	0.214	

Comments: additional results for sample J764087 are > 10 ppm (Au- AA23) and 7.23 Au- GRA21

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Finalized Date: 15- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10172909

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764147		1.24	0.520	
J764148		1.78	0.069	
J764149		1.91	0.103	
J764150		0.71	<0.005	
J764151		1.57	1.245	
J764152		1.62	0.105	
J764153		1.55	0.018	
J764154		2.16	0.165	
J764155		1.60	0.067	
J764156		2.31	0.035	
J764157		2.15	0.790	
J764158		1.75	0.049	
J764159		1.12	0.093	
J764160		1.90	0.019	
J764161		2.15	0.034	
J764162		1.21	0.051	
J764163		1.95	0.034	
J764164		2.05	0.028	
J764165		1.92	0.061	
J764166		1.24	0.076	
J764167		2.27	0.038	
J764168		2.10	0.012	
J764169		1.30	0.156	
J764170		2.38	0.050	
J764171		3.44	0.012	
J764172		3.22	0.084	
J764173		1.88	0.149	
J764174		1.61	0.045	
J764175		0.11	1.405	
J764176		2.28	0.062	
J764177		1.10	0.079	
J764178		2.15	0.017	
J764179		2.63	0.009	
J764180		1.92	0.007	
J764181		2.45	0.012	
J764182		2.08	0.050	
J764183		1.02	0.062	
J764184		2.17	0.162	
J764185		2.54	0.017	
J764186		2.09	0.478	

Comments: additional results for sample J764087 are > 10 ppm (Au- AA23) and 7.23 Au- GRA21

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SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 15- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10172909

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764187		1.09	0.410	
J764188		1.98	0.029	
J764189		1.33	0.243	
J764190		2.08	0.631	
J764191		0.97	0.035	
J764192		2.18	0.138	
J764193		1.21	1.830	
J764194		1.57	2.07	
J764195		1.06	1.555	
J764196		1.34	0.265	
J764197		1.97	0.067	
J764198		2.13	0.071	
J764199		1.47	1.735	
J764200		1.04	<0.005	

Comments: additional results for sample J764087 are >10 ppm (Au- AA23) and 7.23 Au- GRA21

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CERTIFICATE VO10180738

Project: RS

P.O. No.:

This report is for 46 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 30- NOV- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Project: RS

CERTIFICATE OF ANALYSIS VO10180738

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J764201		2.24	0.092
J764202		2.03	0.095
J764203		1.07	0.232
J764204		1.95	0.067
J764205		1.81	0.104
J764206		1.29	0.046
J764207		1.99	0.047
J764208		2.41	0.068
J764209		1.87	0.056
J764210		1.91	0.024
J764211		1.07	0.101
J764212		2.07	0.045
J764213		1.72	0.037
J764214		1.07	0.044
J764215		2.00	0.036
J764216		1.77	0.074
J764217		1.33	0.047
J764218		1.33	0.084
J764220		1.47	1.720
J764221		2.35	0.051
J764222		1.30	0.094
J764223		1.38	0.061
J764224		1.38	0.135
J764225		0.10	1.310
J764226		2.64	0.209
J764227		2.09	0.241
J764228		1.34	0.035
J764229		1.08	0.023
J764230		1.14	0.056
J764231		2.34	0.039
J764232		2.06	0.024
J764233		0.63	0.452
J764234		0.70	4.84
J764235		1.92	0.521
J764236		2.38	0.575
J764237		2.45	0.056
J764238		2.87	0.129
J764239		2.56	0.483
J764240		2.60	0.076
J764241		1.22	2.58

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Finalized Date: 15- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180738

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J764242		1.33	2.64
J764245		2.37	0.152
J764246		1.42	2.56
J764247		1.57	0.462
J764248		2.28	0.086
J764249		2.16	0.032

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Finalized Date: 16- DEC- 2010
Account: RESSIR

CERTIFICATE VO10180739

Project: RS

P.O. No.:

This report is for 3 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 30- NOV- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
BAG- 01	Bulk Master for Storage
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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Finalized Date: 16- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180739

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J764219		0.90	3.21	52.4	1.45	1.606	30.62	858.5	1.68	1.22
J764243		1.23	6.94	155.5	1.97	6.158	39.55	1181.5	1.71	2.22
J764244		1.22	0.33	1.40	0.29	0.066	47.08	1076.5	0.23	0.34

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Finalized Date: 19- DEC- 2010
Account: RESSIR

CERTIFICATE VO10183971

Project: RS

P.O. No.:

This report is for 46 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 6- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10183971

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J767577		1.56	0.042
J767578		1.42	0.014
J767579		2.49	0.038
J767580		2.36	0.015
J767581		1.86	0.021
J767582		2.46	0.016
J767583		1.48	0.014
J767584		0.92	0.058
J767585		1.88	0.105
J767587		1.32	0.301
J767588		1.44	0.155
J767592		1.30	0.041
J767593		1.57	0.013
J767594		2.13	0.034
J767595		1.91	0.011
J767596		2.75	0.008
J767597		0.69	0.014
J767598		2.20	0.014
J767599		1.82	0.025
J767600		0.47	<0.005
J767601		0.96	0.108
J767602		1.31	0.014
J767603		1.56	0.023
J767604		1.90	0.022
J767605		2.19	0.030
J767606		1.38	0.318
J767609		2.32	0.511
J767611		1.41	0.060
J767612		2.65	0.048
J767613		1.24	0.246
J767615		1.50	0.051
J767616		2.12	0.071
J767617		1.92	0.032
J767618		1.08	0.536
J767619		1.12	0.019
J767620		0.73	0.022
J767621		1.69	0.015
J767622		1.86	0.015
J767623		1.19	0.269
J767625		0.10	1.010

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CERTIFICATE OF ANALYSIS VO10183971

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J767632		1.17	0.026
J767633		2.37	0.011
J767634		1.81	0.026
J767635		1.67	0.093
J767636		1.89	0.050
J767637		1.72	0.049

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Finalized Date: 20- DEC- 2010
Account: RESSIR

CERTIFICATE VO10180732

Project: RS

P.O. No.:

This report is for 111 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 30- NOV- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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SUITE 711
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Finalized Date: 20- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180732

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764901		1.23	0.128	
J764903		2.42	0.147	
J764904		2.03	0.053	
J764905		1.50	0.033	
J764906		1.51	0.033	
J764907		0.85	0.187	
J764908		2.36	0.060	
J764909		1.56	0.029	
J764910		2.02	0.142	
J764911		0.81	0.047	
J764912		2.00	0.492	
J764913		1.96	0.083	
J764914		2.02	0.394	
J764915		2.56	0.029	
J764916		1.83	6.66	
J764917		0.93	1.365	
J764918		0.89	0.765	
J764919		0.95	1.340	
J764920		2.48	0.047	
J764921		1.77	0.071	
J764922		1.95	0.019	
J764924		1.00	0.045	
J764925		0.11	1.355	
J764926		1.95	0.375	
J764927		0.93	0.385	
J764928		1.28	0.133	
J764929		0.90	0.360	
J764930		1.30	0.680	
J764931		1.95	0.079	
J764932		1.23	0.137	
J764933		1.63	0.034	
J764934		2.04	0.435	
J764935		1.05	0.167	
J764936		2.08	0.140	
J764937		1.80	0.167	
J764938		1.53	0.076	
J764939		1.43	0.143	
J764940		1.85	0.150	
J764941		2.04	0.037	
J764942		0.93	0.264	

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 20- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180732

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764943		1.36	0.161	
J764948		1.58	0.172	
J764949		1.49	2.84	
J764950		0.62	<0.005	
J764952		2.33	0.106	
J764953		0.68	4.88	
J764954		1.72	0.005	
J764955		1.57	0.012	
J764956		2.25	0.032	
J764957		2.36	0.007	
J764958		2.52	0.011	
J764959		2.01	0.064	
J764960		1.48	0.158	
J764966		1.43	0.122	
J764967		1.18	0.096	
J764975		0.10	1.330	
J764977		2.02	0.128	
J764978		2.46	0.031	
J764979		2.20	0.330	
J764980		2.07	0.006	
J764981		2.20	0.022	
J764982		1.99	0.091	
J764991		2.14	0.100	
J764993		1.67	0.255	
J764999		1.96	0.124	
J767500		0.53	<0.005	
J767501		2.53	0.028	
J767502		2.12	0.011	
J767503		1.85	0.018	
J767504		2.14	0.035	
J767505		1.34	0.234	
J767512		1.66	3.88	
J767513		1.35	1.865	
J767515		1.70	2.20	
J767519		1.25	0.316	
J767520		1.46	0.012	
J767521		2.35	0.017	
J767522		2.19	0.010	
J767523		2.26	0.010	
J767524		1.82	0.009	

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 20- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180732

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J767525		0.09	1.410	
J767526		2.09	0.009	
J767527		2.00	0.017	
J767528		1.83	0.034	
J767529		1.20	0.186	
J767537		1.47	>10.0	13.25
J767543		1.08	7.12	
J767546		1.45	0.111	
J767547		1.89	0.040	
J767548		2.26	0.013	
J767549		1.49	0.011	
J767550		0.66	<0.005	
J767551		1.02	0.011	
J767552		1.88	0.006	
J767553		1.89	0.021	
J767554		1.33	0.014	
J767555		0.85	0.052	
J767556		0.93	0.008	
J767557		1.95	0.014	
J767558		2.40	0.014	
J767559		1.25	0.019	
J767560		1.31	0.633	
J767563		1.05	0.103	
J767564		1.10	1.335	
J767567		1.63	0.260	
J767568		2.01	0.193	
J767569		1.49	0.223	
J767570		1.28	0.102	
J767571		1.25	0.089	
J767572		1.26	0.098	
J767575		0.09	NSS	

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 20- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180732

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non- sufficient sample.

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Finalized Date: 21- DEC- 2010
Account: RESSIR

CERTIFICATE VO10180810

Project: RS

P.O. No.:

This report is for 77 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 30- NOV- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 21- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180810

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764751		2.95	0.020	
J764752		2.70	0.038	
J764753		2.87	0.018	
J764754		2.04	0.019	
J764755		0.99	0.025	
J764756		2.78	0.022	
J764757		1.93	0.023	
J764758		2.64	0.070	
J764759		2.26	0.010	
J764760		2.29	0.007	
J764761		3.38	0.029	
J764762		1.61	0.132	
J764763		2.05	0.077	
J764764		1.35	0.137	
J764765		0.96	1.275	
J764766		1.64	0.353	
J764781		1.00	1.315	
J764782		1.57	5.57	
J764783		1.97	0.022	
J764784		1.72	0.010	
J764785		0.99	0.168	
J764786		1.91	0.091	
J764787		0.66	0.036	
J764788		2.00	0.045	
J764789		0.77	0.090	
J764790		2.63	0.169	
J764791		2.61	0.061	
J764792		1.28	0.065	
J764793		0.84	>10.0	28.2
J764794		2.95	0.096	
J764795		0.85	2.19	
J764796		1.48	0.190	
J764797		1.14	>10.0	22.0
J764798		1.34	0.310	
J764799		2.05	0.055	
J764800		0.54	0.017	
J764801		1.69	0.043	
J764802		0.78	0.063	
J764803		2.45	0.062	
J764804		0.90	0.039	

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MONTREAL QC H3C 3R7

Finalized Date: 21- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180810

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764805		2.30	0.038	
J764806		2.82	0.158	
J764807		2.32	0.074	
J764808		1.91	0.171	
J764809		0.78	1.175	
J764810		1.21	0.594	
J764811		1.79	1.700	
J764812		1.95	0.028	
J764813		1.70	0.024	
J764814		0.75	3.04	
J764815		2.73	0.134	
J764816		1.83	0.064	
J764817		0.97	0.159	
J764818		2.06	0.183	
J764819		1.97	0.050	
J764820		0.77	0.025	
J764821		2.31	0.021	
J764822		0.60	8.00	
J764823		0.67	0.550	
J764824		1.96	1.350	
J764825		0.11	1.375	
J764826		1.42	0.286	
J764827		1.10	1.050	
J764828		1.02	1.415	
J764829		2.37	0.055	
J764830		1.60	0.043	
J764831		1.96	0.096	
J764832		2.04	0.171	
J764833		0.80	0.630	
J764834		2.09	0.054	
J764835		0.79	0.124	
J764836		0.76	1.140	
J764837		1.92	0.020	
J764838		0.63	0.065	
J764839		1.91	0.019	
J764840		1.77	0.234	
J764750		0.79	<0.005	

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Finalized Date: 21- DEC- 2010
Account: RESSIR

CERTIFICATE VO10183972

Project: RS

P.O. No.:

This report is for 88 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 6- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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Finalized Date: 21- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10183972

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J767639		1.81	0.035
J767640		2.04	0.064
J767641		1.20	0.254
J767643		2.30	0.292
J767644		2.29	0.054
J767645		2.00	0.075
J767646		1.85	1.555
J767647		1.67	0.246
J767648		1.68	0.162
J767649		2.05	0.027
J767650		0.65	<0.005
J767651		1.92	0.032
J767652		0.88	0.037
J767653		1.65	0.061
J767654		1.81	0.010
J767655		1.80	0.006
J767656		1.65	0.009
J767657		1.78	0.017
J767658		1.77	0.029
J767659		1.65	0.295
J767660		1.59	1.535
J767661		2.10	2.00
J767662		1.50	0.054
J767663		1.62	0.066
J767664		0.65	0.250
J767665		<0.02	0.031
J767666		<0.02	0.060
J767667		2.05	0.128
J767668		0.87	0.534
J767669		1.65	0.335
J767670		1.64	0.061
J767671		2.05	0.021
J767672		1.70	0.019
J767673		1.09	0.018
J767674		1.80	0.078
J767675		0.06	1.330
J767676		0.79	0.115
J767677		1.15	0.159
J767678		0.55	0.289
J767679		1.32	0.061

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Finalized Date: 21- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10183972

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J767680		1.62	0.014
J767681		2.27	0.014
J767682		1.87	0.103
J767683		1.41	0.036
J767684		1.76	0.007
J767685		2.15	0.086
J767686		2.62	0.025
J767687		1.21	0.022
J767688		1.65	0.057
J767689		1.18	0.185
J767692		1.22	0.125
J767693		1.83	0.121
J767695		1.50	0.397
J767696		0.94	0.099
J767698		1.43	0.184
J767700		1.03	<0.005
J767702		0.92	0.008
J767703		2.27	0.037
J767704		2.80	0.009
J767705		1.49	0.012
J767706		0.87	0.023
J767707		1.97	0.016
J767708		1.53	0.006
J767709		0.98	<0.005
J767710		1.32	0.057
J767711		1.97	0.016
J767712		1.57	0.060
J767713		1.72	0.037
J767714		1.75	0.040
J767715		1.62	0.053
J767720		1.16	0.144
J767721		1.18	0.131
J767725		0.68	<0.005
J767726		1.93	0.253
J767727		1.93	0.010
J767728		3.32	0.013
J767729		2.09	0.011
J767730		2.24	0.024
J767731		1.69	0.030
J767732		0.69	0.144

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Finalized Date: 21- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10183972

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J767733		1.70	0.083
J767734		1.87	0.153
J767735		1.77	0.057
J767736		1.14	0.053
J767737		0.86	0.063
J767738		2.11	0.037
J767739		0.72	0.035
J767740		0.74	0.008

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Finalized Date: 22- DEC- 2010
Account: RESSIR

CERTIFICATE VO10183973

Project: RS

P.O. No.:

This report is for 31 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 6- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
BAG- 01	Bulk Master for Storage
LOG- 21	Sample logging - ClientBarCode
CRU- 21	Crush entire sample > 70% - 6 mm
PUL- 21	Pulverize entire sample
SCR- 21	Screen to - 100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 22- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10183973

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J767576		1.54	0.41	2.48	0.37	0.070	28.23	1489.5	0.35	0.39
J767586		1.54	0.51	0.20	0.52	0.007	34.15	1491.5	0.51	0.52
J767589		1.85	1.86	7.72	1.80	0.150	19.43	1801.0	1.85	1.74
J767590		2.24	0.15	0.05	0.15	0.001	19.37	2196	0.13	0.17
J767591		1.78	0.06	<0.05	0.07	0.001	23.69	1734.5	0.08	0.05
J767607		1.20	1.51	4.56	1.46	0.090	19.75	1166.5	1.44	1.47
J767608		0.85	28.5	93.5	26.5	2.360	25.25	806.1	25.8	27.1
J767610		1.45	12.30	43.1	11.30	1.994	46.28	1385.5	12.30	10.25
J767614		1.59	0.74	5.82	0.57	0.290	49.87	1522.5	0.48	0.66
J767624		1.09	3.23	16.95	2.19	1.283	75.65	993.9	2.39	1.99
J767626		1.25	17.10	94.7	12.95	5.970	63.07	1171.0	12.65	13.20
J767627		1.48	3.38	15.50	3.21	0.315	20.31	1443.5	3.21	3.20
J767628		1.46	0.91	1.83	0.87	0.118	64.40	1379.5	0.89	0.84
J767629		1.69	5.14	42.8	4.00	2.117	49.50	1620.5	4.09	3.90
J767630		1.34	0.09	0.08	0.09	0.005	62.06	1261.5	0.09	0.09
J767631		1.62	0.34	0.72	0.33	0.030	41.92	1561.5	0.30	0.35
J767638		1.38	31.8	146.0	24.9	11.426	78.15	1288.0	25.6	24.2
J767642		1.39	0.39	1.12	0.37	0.045	40.35	1333.0	0.37	0.36
J767690		1.07	3.24	5.84	3.17	0.172	29.43	1029.0	3.16	3.17
J767691		1.63	24.5	122.0	21.4	6.210	50.81	1555.5	21.5	21.2
J767694		1.13	3.39	10.25	3.14	0.414	40.45	1074.5	3.10	3.17
J767697		1.23	0.14	<0.05	0.15	<0.001	49.06	1162.0	0.12	0.17
J767699		1.05	0.42	1.93	0.38	0.046	23.83	1023.5	0.46	0.30
J767701		1.30	0.62	4.54	0.45	0.237	52.24	1226.5	0.38	0.52
J767716		1.62	0.34	0.30	0.34	0.008	26.43	1571.5	0.32	0.36
J767717		1.28	0.27	0.23	0.27	0.015	66.37	1197.0	0.27	0.27
J767718		1.07	1.27	3.19	1.18	0.155	48.56	1002.5	1.07	1.29
J767719		1.13	11.50	111.0	7.57	4.676	42.10	1071.0	7.07	8.07
J767722		1.11	15.85	37.1	14.75	1.952	52.63	1036.0	14.10	15.40
J767723		2.13	1.71	24.4	1.26	1.005	41.12	2066	1.20	1.32
J767724		1.29	1.04	7.74	0.68	0.503	64.99	1220.5	0.71	0.65

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To: RESSOURCES SIRIOS INC.
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SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 30- DEC- 2010
Account: RESSIR

CERTIFICATE VO10195151

Project: RS

P.O. No.:

This report is for 1 Drill Core sample submitted to our lab in Val d'Or, QC, Canada on 20- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
CRU- 31	Fine crushing - 70% < 2mm
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 30- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10195151

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J406025		0.69	17.55	140.5	11.80	4.299	30.63	651.1	11.85	11.70

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Finalized Date: 31- DEC- 2010
Account: RESSIR

CERTIFICATE TB10191277

Project: RS

P.O. No.:

This report is for 1 Crushed Rock sample submitted to our lab in Thunder Bay, ON, Canada on 20- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
FND- 03	Find Reject for Addn Analysis
LOG- 21	Sample logging - ClientBarCode
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
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Finalized Date: 31- DEC- 2010
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10191277

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J764087		0.82	7.02	66.6	5.53	1.227	18.41	735.2	5.83	5.22

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To: RESSOURCES SIRIOS INC.
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Finalized Date: 4- JAN- 2011
Account: RESSIR

CERTIFICATE VO10194230

Project: RS

P.O. No.:

This report is for 14 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 21- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 4- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10194230

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005
J406012		0.16	<0.005
J406013		1.05	1.150
J406014		1.22	0.093
J406015		0.98	0.344
J406016		1.93	0.065
J406017		1.80	0.007
J406018		1.15	0.005
J406019		1.40	0.013
J406020		1.63	0.054
J406021		0.95	0.012
J406022		0.87	0.198
J406023		1.43	0.023
J406024		1.40	0.017
J406026		0.72	1.290

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 4- JAN- 2011
This copy reported on
12- JAN- 2011
Account: RESSIR

CERTIFICATE TB10190985

Project: RS

P.O. No.:

This report is for 101 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
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SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 4- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10190985

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J767741		1.65	0.127	
J767742		1.64	0.124	
J767743		1.59	0.132	
J767744		1.07	0.559	
J767747		1.10	1.070	
J767748		1.42	0.127	
J767750		0.23	0.017	
J767753		1.13	0.223	
J767754		2.24	0.018	
J767755		1.78	0.026	
J767756		1.76	0.027	
J767757		1.17	0.056	
J767763		1.35	0.129	
J767764		2.64	0.029	
J767765		2.19	0.043	
J767766		2.39	0.025	
J767767		2.31	0.005	
J767768		2.51	0.065	
J767769		2.31	0.249	
J767770		1.61	0.220	
J767772		1.41	0.032	
J767773		1.72	0.044	
J767774		1.27	0.040	
J767775		0.40	<0.005	
J767776		1.76	0.012	
J767777		2.02	0.077	
J767778		0.91	0.060	
J767779		1.82	0.024	
J767780		1.83	0.034	
J767781		0.99	0.051	
J767782		2.06	0.013	
J767783		2.46	0.043	
J767784		1.17	2.20	
J767785		2.07	0.152	
J767786		1.85	0.015	
J767787		1.37	0.323	
J767788		2.45	0.141	
J767789		2.02	2.40	
J767790		1.28	0.486	
J767791		1.13	0.091	

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MONTREAL QC H3C 3R7

Finalized Date: 4- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10190985

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J767792		0.72	0.045	
J767793		1.81	1.505	
J767794		1.81	0.043	
J767795		1.04	6.62	
J767796		1.73	0.055	
J767797		1.03	2.64	
J767798		2.01	0.113	
J767799		1.21	0.034	
J767800		1.33	<0.005	
J767801		0.72	0.025	
J767802		1.70	0.093	
J767803		1.41	3.03	
J767804		1.08	0.998	
J767805		1.10	0.162	
J767806		1.36	1.285	
J767807		1.50	0.087	
J767808		2.47	0.125	
J767809		0.87	0.032	
J767810		1.28	0.116	
J767811		0.88	0.058	
J767812		1.59	0.103	
J767813		0.88	>10.0	18.90
J767814		1.39	0.019	
J767815		1.27	0.121	
J767819		1.09	0.409	
J767820		1.31	6.65	
J767821		1.44	0.440	
J767822		1.73	0.031	
J767823		1.88	0.017	
J767824		2.02	0.087	
J767825		0.67	<0.005	
J767826		1.21	0.163	
J767827		1.15	0.697	
J767828		1.50	0.097	
J767829		1.87	2.50	
J767830		2.02	0.057	
J767831		2.10	0.486	
J767832		0.64	0.844	
J767833		1.98	0.211	
J767834		1.74	0.006	

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MONTREAL QC H3C 3R7

Finalized Date: 4- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10190985

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J767835		0.71	0.026	
J767836		2.66	0.040	
J767837		0.80	0.066	
J767838		1.44	0.149	
J767839		1.27	0.033	
J767840		1.66	0.018	
J767841		1.02	>10.0	10.70
J767844		1.39	0.068	
J767845		0.92	0.120	
J767846		0.75	0.869	
J767847		1.84	0.030	
J767848		2.12	0.025	
J767849		2.54	0.309	
J767850		0.45	<0.005	
J767851		0.90	0.024	
J767852		2.21	0.157	
J767853		1.86	0.020	
J767854		1.26	0.066	
J767855		0.70	7.45	
J767856		1.07	0.110	
J767857		0.95	>10.0	15.55

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To: RESSOURCES SIRIOS INC.
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SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 5- JAN- 2011
Account: RESSIR

CERTIFICATE VO10197344

Project: RS

P.O. No.:

This report is for 2 Crushed Rock samples submitted to our lab in Val d'Or, QC, Canada on 27- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
BAG- 01	Bulk Master for Storage
FND- 03	Find Reject for Addn Analysis
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RESSOURCES SIRIOS INC.
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Finalized Date: 5- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10197344

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J764793		0.61	24.9	143.0	22.0	2.024	14.15	575.6	21.8	22.2
J764797		0.86	21.6	247	16.45	4.662	18.86	822.3	17.05	15.80

Comments: Metallic Sieve à partir des rejets de VO101800810

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Finalized Date: 5- JAN- 2011
Account: RESSIR

CERTIFICATE VO10180731

Project: RS

P.O. No.:

This report is for 64 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 30- NOV- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
BAG- 01	Bulk Master for Storage
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
PUL- 21	Pulverize entire sample
SCR- 21	Screen to - 100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
Au- GRA21d	Au 30g FA- GRAV finish - DUP	WST- SIM
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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MONTREAL QC H3C 3R7

Finalized Date: 5- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180731

Sample Description	Method	WEI- 21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- SCR21	Au- AA25	Au- AA25D	Au- GRA21	Au- GRA21d
	Analyte	Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au	Au	Au
	Units	kg	ppm	ppm	ppm	mg	g	g	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01	0.05	0.05
J764902		0.92	2.85	43.5	2.02	0.784	18.01	873.8	1.79	2.24		
J764923		0.70	30.0	294	18.90	8.004	27.19	645.4	18.70	19.05		
J764944		1.23	0.29	0.08	0.30	0.003	38.68	1168.0	0.31	0.29		
J764945		1.28	0.39	1.69	0.33	0.098	57.85	1194.5	0.32	0.33		
J764946		0.94	4.59	21.7	4.17	0.479	22.08	895.8	4.17	4.17		
J764947		0.66	3.21	35.3	2.08	0.756	21.43	609.0	2.08	2.08		
J764951		1.41	0.91	3.44	0.83	0.144	41.90	1337.0	0.83	0.83		
J764961		1.44	66.9	53.2	67.4	2.806	52.77	1351.0	64.6	70.2		
J764962		1.28	0.33	0.97	0.31	0.044	45.16	1209.0	0.26	0.35		
J764963		1.23	105.0	34.4	108.5	1.868	54.37	1146.0	>100	>100	106.5	110.5
J764964		0.85	584	574	584	18.989	33.06	788.0	>100	>100	568	600
J764965		1.22	0.74	0.55	0.75	0.019	34.74	1161.0	0.78	0.71		
J764968		1.13	0.21	0.70	0.20	0.024	34.19	1069.5	0.16	0.23		
J764969		1.00	9.45	97.8	6.73	2.864	29.30	950.1	6.50	6.95		
J764970		1.18	27.5	158.5	25.2	3.154	19.92	1130.5	24.3	26.0		
J764971		Destroyed										
J764972		0.99	16.30	64.5	14.30	2.528	39.20	928.7	14.25	14.30		
J764973		0.79	0.23	0.77	0.20	0.032	41.50	725.7	0.22	0.18		
J764974		1.51	0.45	8.75	0.16	0.449	51.34	1430.0	0.15	0.16		
J764976		0.69	1.35	8.80	1.06	0.222	25.24	636.8	1.01	1.10		
J764983		0.96	66.3	277	54.7	13.558	48.88	882.0	54.6	54.7		
J764984		0.94	2.90	19.40	2.30	0.622	32.08	884.2	2.38	2.22		
J764985		0.96	6.28	16.15	5.73	0.795	49.27	884.4	5.91	5.55		
J764986		1.18	0.13	0.15	0.13	0.003	19.65	1131.5	0.14	0.12		
J764987		0.90	0.09	<0.05	0.09	<0.001	46.29	828.3	0.09	0.09		
J764988		1.02	<0.05	<0.05	0.05	<0.001	14.76	984.9	0.05	0.04		
J764989		0.42	0.38	0.33	0.39	0.008	24.09	375.0	0.41	0.36		
J764990		1.29	5.99	23.6	5.43	0.921	38.96	1220.5	5.15	5.71		
J764992		1.22	0.73	1.55	0.69	0.081	52.20	1142.5	0.68	0.70		
J764994		0.64	0.10	<0.05	0.11	<0.001	35.65	580.1	0.09	0.13		
J764995		0.63	0.66	1.99	0.59	0.063	31.61	576.9	0.56	0.62		
J764996		0.78	34.4	202	23.4	9.518	47.10	716.2	22.8	23.9		
J764997		0.84	1.78	2.03	1.76	0.105	51.77	764.2	1.76	1.76		
J764998		0.94	2.02	2.57	1.98	0.140	54.48	859.2	1.91	2.05		
J767506		1.21	0.73	1.29	0.72	0.039	30.24	1156.0	0.70	0.74		
J767507		1.25	17.10	127.0	12.65	6.062	47.80	1176.0	12.25	13.05		
J767508		0.92	0.18	0.11	0.18	0.005	46.10	844.2	0.16	0.20		
J767509		1.36	8.24	208	0.15	10.892	52.48	1293.0	0.16	0.14		
J767510		0.78	0.19	7.01	<0.05	0.140	19.98	737.3	0.01	0.01		
J767511		0.82	0.19	<0.05	0.20	<0.001	31.94	762.9	0.22	0.18		

Comments: For sample J764961 + fraction value is just informative due the lost a part of + sample during fire assay

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SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 5- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10180731

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01	Au- GRA21 Au ppm 0.05	Au- GRA21d Au ppm 0.05
J767514		0.65	1.66	10.60	1.47	0.143	13.49	616.1	1.47	1.46		
J767516		0.77	42.0	1020	28.6	10.465	10.24	747.1	29.5	27.6		
J767517		1.55	0.05	<0.05	0.05	<0.001	28.40	1501.5	0.08	0.02		
J767518		0.65	0.37	1.82	0.36	0.009	4.95	618.5	0.37	0.34		
J767530		1.17	2.60	16.90	2.02	0.755	44.67	1097.5	2.17	1.87		
J767531		1.04	6.03	106.0	3.65	2.508	23.69	992.8	3.28	4.01		
J767532		1.08	2.71	21.2	2.22	0.576	27.15	1024.5	2.38	2.05		
J767533		1.05	1.06	2.06	1.03	0.074	36.00	985.0	1.13	0.92		
J767534		1.27	1.07	2.12	1.04	0.071	33.51	1205.0	0.99	1.09		
J767535		1.22	33.7	119.0	30.7	4.800	40.41	1152.0	34.1	27.3		
J767536		0.79	9.38	38.1	8.14	1.217	31.92	742.7	7.46	8.82		
J767538		0.73	18.10	143.0	14.55	2.804	19.62	686.9	14.95	14.10		
J767539		1.05	0.77	1.21	0.76	0.032	26.41	997.3	0.67	0.85		
J767540		1.05	0.14	0.57	0.13	0.008	13.99	964.5	0.14	0.12		
J767541		1.20	0.32	0.36	0.32	0.006	16.78	1146.5	0.34	0.29		
J767542		1.09	0.08	0.09	0.08	0.002	22.72	1034.5	0.08	0.08		
J767544		0.68	15.70	120.5	11.60	2.977	24.71	627.6	11.90	11.30		
J767545		1.13	0.21	<0.05	0.22	0.001	23.93	1082.0	0.20	0.23		
J767561		1.43	3.23	33.4	2.59	0.974	29.19	1374.0	2.83	2.34		
J767562		1.96	0.76	1.55	0.75	0.055	35.43	1893.5	0.77	0.73		
J767565		1.80	6.51	31.7	5.91	1.311	41.35	1711.0	6.12	5.69		
J767566		0.86	92.2	690	68.9	21.605	31.31	802.1	67.7	70.1		
J767573		0.84	690	<0.05	709	<0.001	22.45	800.7	>100	>100	674	744
J767574		0.74	148.0	2990	98.1	36.344	12.15	691.4	96.5	99.6		

Comments: For sample J764961 + fraction value is just informative due the lost a part of + sample during fire assay

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 6- JAN- 2011
This copy reported on
10- JAN- 2011
Account: RESSIR

CERTIFICATE TB10190983

Project: RS

P.O. No.:

This report is for 26 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
BAG- 01	Bulk Master for Storage
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% < 2mm
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
Au- GRA21d	Au 30g FA- GRAV finish - DUP	WST- SIM
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 6- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10190983

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01	Au- GRA21 Au ppm 0.05	Au- GRA21d Au ppm 0.05
J767745		1.41	1.27	7.09	1.09	0.310	43.72	1379.0	1.19	0.99		
J767746		1.39	0.41	0.24	0.42	0.009	37.20	1353.5	0.44	0.39		
J767749		1.14	0.23	1.29	0.18	0.069	53.62	1093.5	0.15	0.21		
J767751		0.81	0.17	0.05	0.18	0.002	38.12	776.1	0.16	0.19		
J767752		1.38	11.20	135.5	7.53	5.454	40.32	1362.5	7.50	7.56		
J767758		1.03	1.34	12.05	0.97	0.418	34.66	1016.5	0.85	1.09		
J767759		1.15	1.08	6.10	0.91	0.233	38.18	1117.0	0.91	0.91		
J767760		1.10	11.50	52.9	9.59	2.520	47.62	1044.0	9.87	9.30		
J767761		1.03	0.09	0.29	0.09	0.009	30.85	992.4	0.09	0.08		
J767762		1.54	5.60	98.2	2.63	4.732	48.17	1500.0	2.20	3.06		
J767771		1.01	0.10	<0.05	0.11	0.001	41.17	979.3	0.10	0.11		
J767816		1.47	2.55	5.42	2.44	0.301	55.54	1439.5	2.77	2.10		
J767817		1.15	3.07	5.16	3.00	0.187	36.22	1120.0	2.89	3.11		
J767818		1.20	26.0	301	16.00	13.049	43.39	1189.5	15.70	16.30		
J767842		0.77	284	155.5	289	3.643	23.45	752.0	>100	>100	287	290
J767843		1.61	23.9	246	18.45	9.535	38.77	1574.5	19.30	17.60		
J767858		1.10	6.85	77.0	3.57	3.263	42.37	906.2	3.11	4.03		
J767860		1.06	0.66	0.77	0.65	0.045	58.13	1025.0	0.59	0.71		
J767861		1.66	1.16	1.41	1.15	0.063	44.64	1632.0	1.19	1.11		
J767876		0.88	3.38	34.9	1.66	1.566	44.91	820.1	1.76	1.56		
J767894		0.76	73.0	429	48.1	21.670	50.56	719.5	49.2	46.9		
J767942		0.69	35.2	206	25.0	8.225	39.84	666.4	23.5	26.4		
J767957		0.98	0.36	4.60	0.18	0.187	40.66	944.4	0.18	0.18		
J767968		1.17	92.7	8.89	95.6	0.349	39.27	1146.5	96.9	94.2		
J767969		0.85	183.5	1645	94.3	81.702	49.66	812.1	93.8	94.7		
J767971		1.48	3.13	18.10	2.76	0.655	36.24	1461.5	2.82	2.70		

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MONTREAL QC H3C 3R7

Finalized Date: 6- JAN- 2011
This copy reported on
12- JAN- 2011
Account: RESSIR

CERTIFICATE TB10190984

Project: RS

P.O. No.:

This report is for 127 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 6- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10190984

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J767859		0.81	0.485	
J767862		1.15	0.103	
J767863		1.80	0.043	
J767864		1.98	0.038	
J767865		1.11	0.055	
J767866		0.74	1.740	
J767867		1.68	0.046	
J767868		1.74	0.227	
J767869		1.23	0.395	
J767870		0.62	0.039	
J767871		1.58	0.050	
J767872		1.63	0.060	
J767873		0.70	8.48	
J767874		1.08	0.179	
J767875		0.52	0.029	
J767877		1.91	0.056	
J767878		3.11	0.039	
J767879		0.69	0.041	
J767880		2.26	0.027	
J767881		1.94	0.045	
J767882		1.17	2.59	
J767883		2.06	0.504	
J767884		1.86	0.056	
J767885		0.95	0.119	
J767886		1.48	0.074	
J767887		1.67	0.035	
J767888		1.91	0.195	
J767889		1.03	0.091	
J767890		2.29	0.038	
J767891		1.72	0.035	
J767892		0.83	0.034	
J767893		1.50	0.007	
J767895		1.49	0.387	
J767896		1.85	0.024	
J767897		0.91	0.043	
J767898		1.41	0.019	
J767899		0.92	0.230	
J767900		0.79	<0.005	
J767901		1.80	0.159	
J767902		1.71	0.039	

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CERTIFICATE OF ANALYSIS TB10190984

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J767903		1.82	0.086	
J767904		1.73	0.097	
J767905		2.20	0.292	
J767906		0.96	0.077	
J767907		0.82	0.013	
J767908		1.72	1.110	
J767909		0.73	0.952	
J767910		2.23	0.596	
J767911		0.86	1.310	
J767912		1.75	0.170	
J767913		2.35	0.064	
J767914		0.68	0.349	
J767915		1.59	0.027	
J767916		0.66	1.845	
J767917		1.69	0.495	
J767918		1.51	0.308	
J767919		0.62	0.464	
J767920		1.84	0.072	
J767921		1.23	0.030	
J767922		0.80	1.530	
J767923		2.21	0.149	
J767924		1.76	0.184	
J767925		0.77	<0.005	
J767926		1.56	1.120	
J767927		0.73	2.02	
J767928		1.59	0.078	
J767929		1.57	0.042	
J767930		1.64	2.72	
J767931		1.75	0.055	
J767932		1.80	0.059	
J767933		1.64	0.150	
J767934		0.60	4.16	
J767935		1.84	0.089	
J767936		1.84	0.036	
J767937		0.90	0.252	
J767938		2.45	0.013	
J767939		0.85	0.010	
J767940		2.28	0.007	
J767941		1.62	0.031	
J767943		1.69	0.059	

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CERTIFICATE OF ANALYSIS TB10190984

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J767944		1.51	0.052	
J767945		1.32	0.055	
J767946		1.24	0.128	
J767947		1.80	0.084	
J767948		1.64	0.006	
J767949		3.00	0.014	
J767950		1.01	<0.005	
J767951		0.74	0.337	
J767952		1.77	0.116	
J767953		1.27	0.614	
J767954		1.83	0.015	
J767955		1.85	0.036	
J767956		1.27	0.031	
J767958		1.34	0.023	
J767959		1.81	0.021	
J767960		1.52	0.071	
J767961		1.69	0.011	
J767962		1.92	0.031	
J767963		2.15	0.021	
J767964		1.88	0.026	
J767965		3.30	0.006	
J767966		1.93	0.007	
J767967		1.62	0.074	
J767970		1.95	0.310	
J767972		1.32	0.490	
J767973		2.16	0.039	
J767974		2.01	0.024	
J767975		0.43	<0.005	
J767976		1.68	0.013	
J767977		0.75	0.074	
J767978		2.37	0.027	
J767979		2.41	0.070	
J767980		1.33	0.069	
J767981		2.55	0.023	
J767982		1.37	0.164	
J767983		0.92	0.756	
J767984		1.04	0.029	
J767985		1.48	0.038	
J767986		1.32	0.366	
J767987		2.43	0.039	

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Finalized Date: 6- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB10190984

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J767988		1.06	0.022	
J767989		1.89	0.006	
J767990		0.82	0.014	
J767991		0.77	0.048	
J767992		0.78	0.741	
J767993		0.84	>10.0	13.20
J767994		1.94	0.294	

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Finalized Date: 12- JAN- 2011
Account: RESSIR

CERTIFICATE VO10194231

Project: RS

P.O. No.:

This report is for 11 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 21- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
BAG- 01	Bulk Master for Storage
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 21	Crush entire sample > 70% - 6 mm
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10194231

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J406000		0.83	0.05	0.19	0.05	0.005	26.83	784.4	0.04	0.05
J406001		1.05	0.13	0.13	0.13	0.005	37.68	1001.5	0.12	0.13
J406002		0.89	0.21	<0.05	0.22	0.001	45.96	827.9	0.20	0.24
J406003		0.97	0.14	1.06	0.10	0.045	42.44	916.9	0.10	0.10
J406004		0.90	8.53	82.7	6.86	1.616	19.55	865.8	6.84	6.87
J406005		0.71	14.35	159.0	9.66	3.525	22.18	681.9	9.55	9.77
J406006		1.14	0.12	0.19	0.12	0.011	57.66	1043.0	0.12	0.12
J406007		0.83	32.5	156.5	26.1	6.253	40.01	772.4	26.7	25.4
J406008		0.87	0.11	0.42	0.11	0.002	4.72	856.7	0.12	0.10
J406009		0.53	26.3	159.5	20.00	3.809	23.86	505.4	19.55	20.4
J406011		0.62	11.85	194.5	7.52	2.713	13.93	585.7	7.16	7.88

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Finalized Date: 13- JAN- 2011
Account: RESSIR

CERTIFICATE VO11004407

Project: RS

P.O. No.:

This report is for 6 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 10- JAN- 2011.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
BAG- 01	Bulk Master for Storage
CRU- 21	Crush entire sample > 70% - 6 mm
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO11004407

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J764869		1.40	0.61	10.25	0.25	0.519	50.54	1328.5	0.35	0.14
J764870		1.11	1.76	24.3	1.26	0.579	23.83	1078.0	1.52	1.00
J764871		1.09	0.79	9.54	0.41	0.426	44.64	1027.0	0.48	0.34
J764872		0.71	10.05	222	5.26	3.411	15.38	681.5	5.84	4.67
J764878		0.78	12.40	98.8	7.28	4.304	43.56	735.1	7.43	7.13
J764891		0.77	3.78	36.7	2.02	1.397	38.10	713.9	2.04	2.00

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Finalized Date: 15- JAN- 2011
Account: RESSIR

CERTIFICATE VO11004406

Project: RS

P.O. No.:

This report is for 68 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 10- JAN- 2011.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO11004406

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764841		1.66	0.040	
J764842		0.67	0.032	
J764843		1.83	0.039	
J764844		1.79	0.162	
J764845		0.73	0.389	
J764846		1.53	0.163	
J764847		1.31	0.267	
J764848		0.71	9.53	
J764849		0.67	0.034	
J764850		0.49	<0.005	
J764851		0.67	0.060	
J764852		1.61	0.073	
J764853		1.74	0.014	
J764854		0.72	0.147	
J764855		1.71	0.023	
J764856		0.97	0.619	
J764857		0.68	0.037	
J764858		2.18	0.304	
J764859		0.80	0.714	
J764860		1.67	0.080	
J764861		2.40	0.064	
J764862		2.24	0.072	
J764863		2.55	0.142	
J764864		2.39	0.040	
J764865		2.47	0.138	
J764866		0.98	0.179	
J764867		1.12	0.137	
J764868		1.27	0.106	
J764873		1.31	0.200	
J764874		0.79	0.260	
J764875		0.13	1.085	
J764876		1.75	0.036	
J764877		1.10	0.475	
J764879		1.09	0.043	
J764880		1.99	0.015	
J764881		2.32	0.126	
J764882		1.99	0.039	
J764883		2.19	0.039	
J764884		1.14	0.220	
J764885		1.15	>10.0	26.7

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To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 15- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO11004406

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- AA24 Au ppm 0.005	Au- GRA22 Au ppm 0.05
J764886		1.11	0.302	
J764887		1.56	1.340	
J764888		1.93	0.479	
J764889		1.91	0.037	
J764890		1.94	0.043	
J764892		2.03	0.015	
J764893		1.97	0.092	
J764894		2.17	0.152	
J764895		1.08	1.745	
J764896		2.59	0.047	
J764897		0.64	0.015	
J764898		1.75	0.046	
J764899		2.04	0.124	
J764900		0.52	0.005	
J764767		2.16	0.091	
J764768		1.19	0.083	
J764769		1.04	1.455	
J764770		2.09	2.36	
J764771		1.36	0.099	
J764772		1.83	0.036	
J764773		1.97	0.036	
J764774		2.36	0.036	
J764775		0.13	1.285	
J764776		2.79	0.031	
J764777		1.36	0.068	
J764778		1.61	0.817	
J764779		1.83	0.084	
J764780		1.33	0.065	

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 18- JAN- 2011
Account: RESSIR

CERTIFICATE VO10193519

Project: RS

P.O. No.:

This report is for 1 Drill Core sample submitted to our lab in Val d'Or, QC, Canada on 21- DEC- 2010.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
Au- CON01	Control Au - Fire Assay	
Au- CONRep1	Control Au - First Fusion	WST- SIM

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 18- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS VO10193519

Sample Description	Method	WEI- 21	Au- CON01
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.07
J406010		0.73	3527.4

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To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 19- JAN- 2011
Account: RESSIR

CERTIFICATE TB11005851

Project: RS

P.O. No.:

This report is for 2 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 12- JAN- 2011.

The following have access to data associated with this certificate:

MARC CARRIER DAVID RIGG	D. DOUCET	ROGER MOAR

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
SCR- 21	Screen to - 100 um
FND- 02	Find Sample for Addn Analysis
FND- 03	Find Reject for Addn Analysis
LOG- 22	Sample login - Rcd w/o BarCode
PUL- 21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR21	Au Screen Fire Assay - 100 um	WST- SIM
Au- AA25	Ore Grade Au 30g FA AA finish	AAS
Au- AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: RESSOURCES SIRIOS INC.
ATTN: ROGER MOAR
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RESSOURCES SIRIOS INC.
1000, RUE ST- ANTOINE
SUITE 711
MONTREAL QC H3C 3R7

Finalized Date: 19- JAN- 2011
Account: RESSIR

Project: RS

CERTIFICATE OF ANALYSIS TB11005851

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
J767873		0.55	8.68	15.45	7.84	0.919	59.40	474.9	7.85	7.82
J767993		0.74	25.5	45.8	23.2	3.216	70.21	609.9	23.8	22.6

Comments: Originally from WO TB10190984

ANNEXE IV CONTRÔLE DE LA QUALITÉ – ANALYSES DES STANDARDS

ROCKLABS
WORLD LEADERS IN SAMPLE PREPARATION EQUIPMENT AND REFERENCE MATERIALS FOR USE IN GOLD ASSAYING

161 Neilson Street, Auckland, New Zealand
Tel: +64 9 634 7696 Fax: +64 9 634 6896

Email: sales@rocklabs.com
Website: www.rocklabs.com

Certificate of Analysis

Reference Material SH35

Recommended Gold Concentration: 1.323 µg/g
95% Confidence Interval: +/- 0.017 µg/g

The above values apply only to product in jars or sachets which have an identification number within the following range: ***136 545 – 138 107.***

Prepared and Certified By:

Malcolm Smith BSc, FNZIC
Malcolm Smith Reference Materials Ltd
40 Oakford Park Crescent, Greenhithe
North Shore City 0632
NEW ZEALAND
Email: Malcolm@MSRML.co.nz
Telephone: +64 9 444 3534

Date of Certification:

22 June 2007

Certificate Status:

Original

Available Packaging:

This reference material has been packed in wide-mouthed jars that contain 2.5 kg of product. The contents of some jars may be subsequently repacked into sealed polyethylene sachets.

Origin of Reference Material:

Feldspar minerals, basalt and iron pyrites with minor quantities of finely divided gold-containing minerals that have been screened to ensure there is no gold nugget effect.

Supplier of Reference Material:

ROCKLABS Ltd
P O Box 18 142
Auckland
NEW ZEALAND
Email: sales@rocklabs.com
Website: www.rocklabs.com
Telephone: +64 9 634 7696

Description:

The reference material is a light grey powder that has been well mixed and a homogeneity test carried out after the entire batch was packaged into wide-mouthed jars. There is no soil component. The product contains crystalline quartz and therefore dust from it should not be inhaled.

The approximate chemical composition is:
(Uncertified Values)

	%
SiO_2	60.23
Al_2O_3	17.21
Na_2O	7.38
K_2O	3.27
CaO	1.36
MgO	1.64
TiO_2	0.39
MnO	0.04
P_2O_5	0.15
Fe_2O_3	1.73
Fe	3.0
S	3.0

Intended Use:

This reference material is designed to be included with every batch of samples analysed and the results plotted for quality monitoring purposes.

Stability:

The container (jar or sachet) and its contents should not be heated to temperatures higher than 50 °C. Iron pyrites are likely to oxidize in the air but tests have shown that the increase in weight of an exposed reference material of similar matrix, in the Auckland climate, is less than 0.1% per year.

Method of Preparation:

Pulverized feldspar minerals, basalt rock and barren iron pyrites were blended with finely pulverized and screened, gold-containing minerals. Once the powders were uniformly mixed the composite was placed into 1563 wide-mouthed jars, each bearing a unique number. 48 jars were randomly selected from the packaging run and material from these jars was used for homogeneity assessment.

Homogeneity Assessment:

An independent laboratory carried out all gold analyses by fire assay of 30 g portions, using an AAS finish. Steps were taken to minimize laboratory method variation in order to better detect any variation in the candidate reference material.

Homogeneity Assessment After Packaging

The contents of six randomly selected jars were compacted by vibration (to simulate the effect of freighting) and five samples removed successively from top to bottom from each jar. In addition, five samples were removed from the last jar in the series. A sample was also removed from the top of each of the 48 jars randomly selected from the 1563 jars in the batch. The results of analysis of the 83 samples (randomly ordered and then consecutively numbered before being sent to the laboratory) produced a coefficient of variation of 1.5 %.

Analytical Methodology:

Two sub-samples were submitted to a number of well-recognized laboratories in order to assign a gold value by consensus testing. The sub-samples were drawn from 47 randomly selected jars and each laboratory received samples from two different jars. Indicative concentration ranges were given. All laboratories used fire assay for the gold analysis. During our initial homogeneity assessment we obtained one result of unacceptably high gold concentration. We believe we have established how this occurred in our manufacturing process. To ensure there were no other jars with the same problem, the entire batch was re-blended and jarred. The homogeneity assessment was carried out after the second blending and the consensus testing after the first blending. 48 samples from the first blending were included in the homogeneity assessment carried out after the second blending. Statistical analysis showed no significant difference in gold concentration between the first and second blending.

Calculation of Certified Value:

Results for gold were returned from 32 laboratories. Statistical analysis to identify outliers was carried out using the principles detailed in sections 7.3.2 – 7.3.4, ISO 5725-2: 1994. Assessment of each laboratory's performance was carried out on the basis of z-scores, partly based on the concept described in ISO/IEC Guide 43-1. Details of the criteria used in these examinations are available on request. As a result of these statistical analyses, four sets of results were excluded for the purpose of assigning a gold concentration value to this reference material. A recommended value was thus calculated from the average of the remaining n = 28 sets of replicate results. The 95 % confidence interval was estimated using the formula:-

$$X \pm ts/\sqrt{n}$$

(where X is the estimated average, s is the estimated standard deviation of the laboratory averages, and t is the 0.025 tail-value from Student's t-distribution with n-1 degrees of freedom). The recommended value is provided at the beginning of the certificate in µg/g (ppm) units. A summary of the results used to calculate the recommended value is listed on page 4 and the names of the laboratories that submitted results are listed on page 5.

Summary of Results Used to Calculate Gold Value

(not related to order of laboratories listed on page 5)

Gold (ppm)		
Sample 1	**Sample 2**	**Average**
1.265	1.230	1.2475
1.258	1.249	1.2535
1.255	1.280	1.2675
1.285	1.256	1.2705
1.270	1.275	1.2725
1.323	1.238	1.2800
1.28	1.30	1.290
1.26	1.32	1.290
1.30	1.29	1.295
1.332	1.274	1.3030
1.332	1.281	1.3065
1.310	1.307	1.3083
1.310	1.311	1.3105
1.31	1.32	1.315
1.330	1.311	1.3205
1.34	1.32	1.330
1.341	1.338	1.3395
1.34	1.34	1.340
1.343	1.339	1.3405
1.350	1.335	1.3425
1.366	1.331	1.3485
1.35	1.36	1.355
1.385	1.360	1.3725
1.384	1.364	1.3740
1.381	1.370	1.3755
1.382	1.390	1.3859
1.391	1.388	1.3895
1.415	1.422	1.4185

Average of 28 sets = 1.323 ppm

Standard deviation of 28 sets = 0.044 ppm

Note: this standard deviation should not be used as a basis to set control limits when plotting results from an individual laboratory.

Coefficient of variation = 3.4 %

95% Confidence interval for average = 0.017 ppm

Statistical analysis of both homogeneity and consensus test results has been carried out by independent statistician, Tim Ball.

Participating Laboratories

Australia
ALS Chemex, Perth
Amdel Ltd, Adelaide
Amdel Laboratories Ltd, Perth
Amdel Laboratories Ltd, Kalgoorlie
Genalysis Laboratory Services Pty Ltd, Perth
SGS Minerals Services, Perth
SGS Townsville Minerals, Townsville
Standard and Reference Laboratories, Perth
Ultra Trace Analytical Laboratories, Perth

Canada
Accurassay Laboratories, Ontario
Acme Analytical Laboratories Ltd, British Columbia
ALS Chemex, British Columbia
ALS Chemex, Quebec
Assayers Canada, British Columbia
Bourlamaque Assay Laboratories Ltd, Quebec
International Plasma Labs Ltd, British Columbia
Loring Laboratories, Alberta
SGS Minerals Services, Ontario
TSL Laboratories Inc, Saskatchewan

Chile
ACME Analytical Laboratories S.A.

Kyrgyzstan
Alex Stewart Assay and Environmental Laboratories Ltd

New Zealand
Amdel NZ Ltd, Macraes, Otago
SGS Minerals, Waihi

Peru
Minera Yanacocha SRL – Newmont

Russia
Irgiredmet, Irkutsk
Norilsk Nickel, Trans-Polar Division
Russian Academy of Science, Karelia

South Africa
Anglo Research
SGS Lakefield Research Africa

United States of America
ALS Chemex, Nevada
Barrick Goldstrike Mines Inc, Nevada
Newmont Mining Corporation, Nevada

Instructions and Recommendations for Use:

Weigh out quantity usually used for analysis and analyze for total gold by normal procedure. Homogeneity testing has shown that consistent results are obtainable for gold when 30g portions are taken for analysis.

We quote a 95% confidence interval for our estimate of the declared value. This confidence interval reflects our uncertainty in estimating the true value for the gold content of the reference material. The interval is chosen such that, if the same procedure as used here to estimate the declared value were used again and again, then 95% of the trials would give intervals that contained the true value. It is a reflection of how precise the trial has been in estimating the declared value. It **does not** reflect the variability any particular laboratory will experience in its own repetitive testing.

Some users in the past have misinterpreted this confidence interval as a guide as to how different an individual test result should be from the declared value. Some mistakenly use this interval, or the standard deviation from the consensus test, to set limits for control charts on their own routine test results using the reference material. Such use inevitably leads to many apparent out-of-control points, leading to doubts about the laboratory's testing, or of the reference material itself.
A much better way of determining the laboratory performance in analysing the reference material is to accumulate a history of the test results obtained, and plot them on a control chart. The appropriate centre line and control limits for this chart should be based on the average level and variability exhibited in the laboratory's **own** data. This chart will provide a clear picture of the long-term stability or otherwise of the laboratory testing process, providing good clues as to the causes of any problems. To help our customers do this more simply for themselves, we can provide a free Excel template that will produce sensible graphs, with intelligently chosen limits, from the customer's own data.

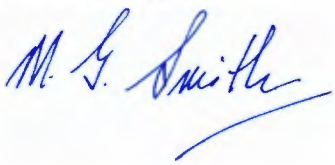
Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However ROCKLABS Ltd, Malcolm Smith Reference Materials Ltd and Tim Ball Ltd accept no liability for any decisions or actions taken following the use of the reference material.

References:

For further information on the preparation and validation of this reference material please contact Malcolm Smith.

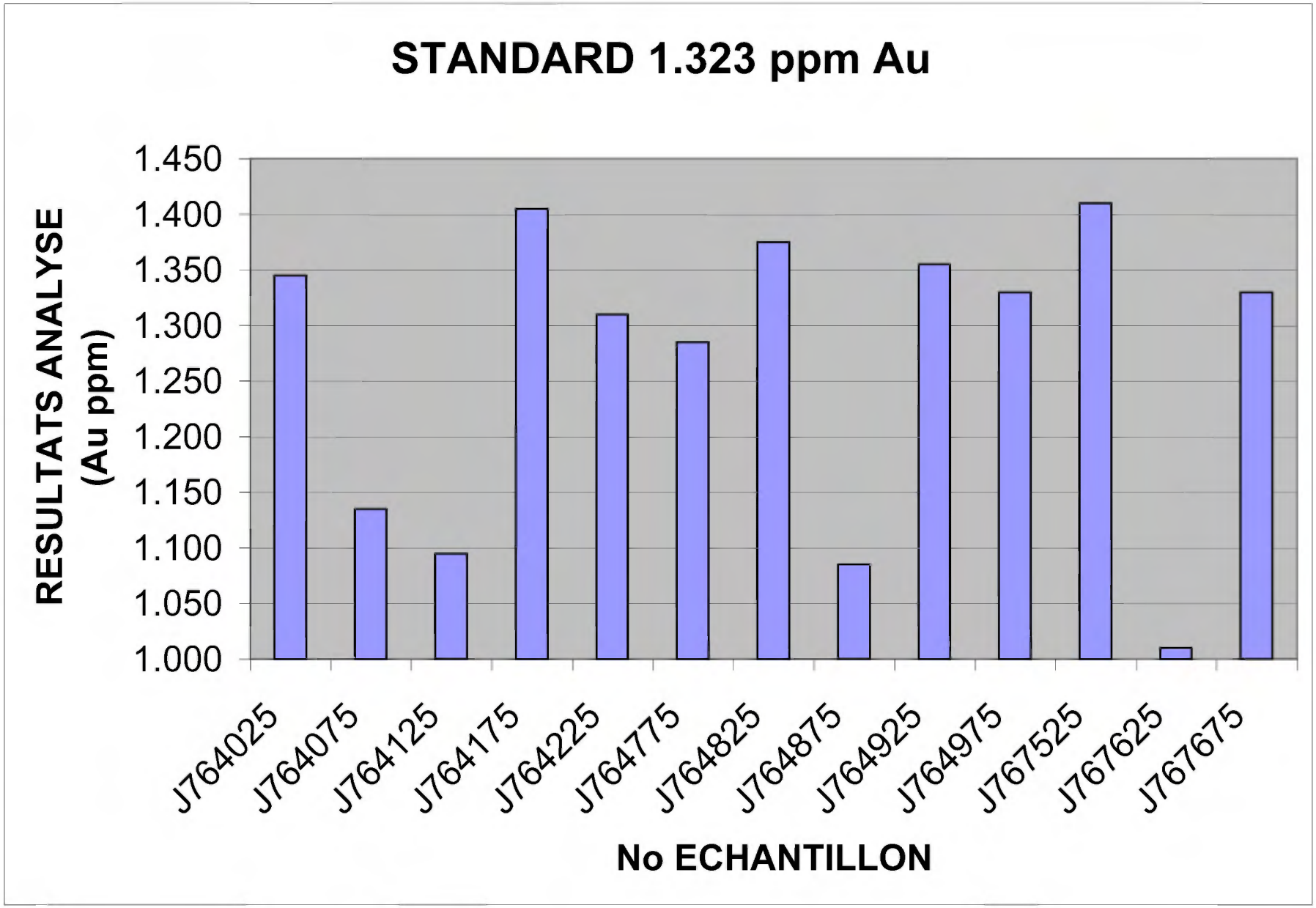
Certifying Officer

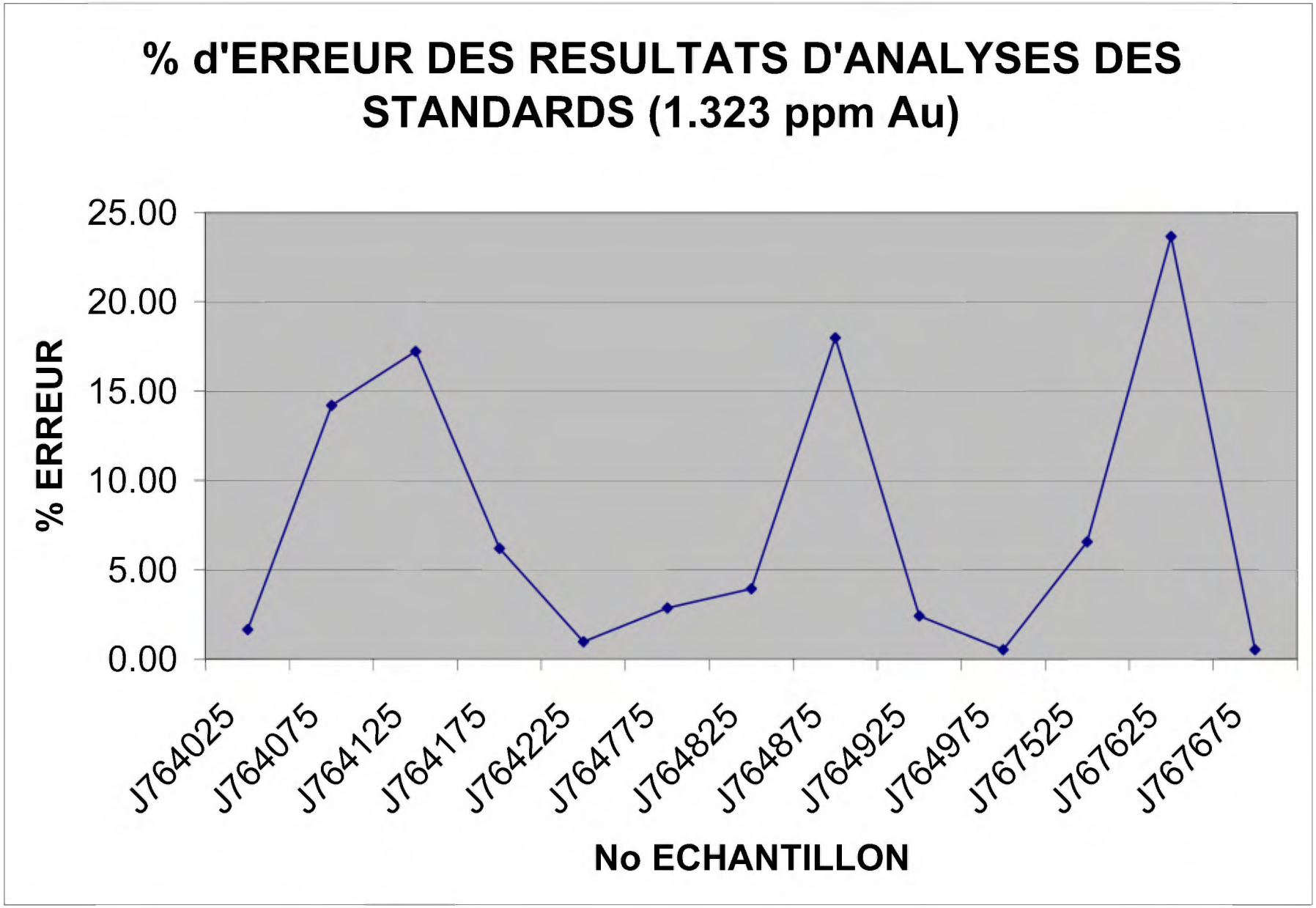


M G Smith BSc, FNZIC

Independent Statistician

Tim Ball BSc (Hons)


STANDARD 1.323 ppm Au
RESULTATS ANALYSE (Au ppm)
1.450
1.400
1.350
1.300
1.250
1.200
1.150
1.100
1.050
1.000
J764025
J764075
J764125
J764175
J764225
J764775
J764825
J764875
J764925
J764975
J767525
J767625
J767675
No ECHANTILLON


% d'ERREUR DES RESULTATS D'ANALYSES DES STANDARDS (1.323 ppm Au)
% ERREUR
25.00
20.00
15.00
10.00
5.00
0.00
J764025
J764075
J764125
J764175
J764225
J764775
J764825
J764875
J764925
J764975
J767525
J767625
J767675
No ECHANTILLON

CARTE ET SECTIONS VERTICALES