GM 53909

REPORT ON THE 1995 DIAMOND DRILLING PROGRAM, COMTOIS PROJECT

CAMECO CORPORATION

REPORT ON THE 1995 DIAMOND DRILLING PROGRAM

COMTOIS PROJECT

COMTOIS TOWNSHIP, QUEBEC, NTS. 32 F/03

September, 1995

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Project Geologist

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Geologist

SUMMARY AND RECOMMENDATIONS

The Comtois project is located in northwestern Quebec, approximately 20km west of Lebel-sur-Quevillon. The project consists of 100 claims in the Comtois and Quevillon Townships.

A program consisting of 2089m (six holes) of diamond drilling was carried out between January 22, 1995 and February 22, 1995. Of the six holes drilled, five (COM9506 to COM9510) intersected gold-enriched, pyritic rhyolite and gold assays approaching economic grades over mineable widths were obtained from two of these. Hole COM9507 intersected a 4.8m section of 8.5 g/t gold and in COM9510, a 4.0m section averages 5.6 g/t gold.

The sixth hole, COM9511, was drilled at a 500m step out to the east of hole COM9510. This hole failed to intersect the gold-bearing unit.

The shallower holes drilled in 1994 (CO9401 to CO9405) intersected two pyritic rhyolite units separated by pyrite-bearing felsic and intermediate fragmental rocks. In the current, deeper tests (holes COM9506 to COM9510), the two rhyolite bands coalesce into one unit of approximately 100m thickness.

There is an apparent increase in sulphide content (up to 15%) towards the east (holes CO9405, COM9507, COM9508 and COM9510). At least two generations of pyrite are present. The first is represented by fractured grains with pyrrhotite inclusions and chalcopyrite veins filling the fractures. The second is coarser grained, and occurs as bands, veins and clusters of coarser (1mm to 2mm) crystals. Hydrothermal alteration in the drill holes west of COM9507 is patchy and fracture controlled. In holes CO9405, COM9507, COM9508 and COM9510 the alteration is pervasive. Several similarities in alteration type and texture are recognized between the Comtois rocks and the Bousquet #2 Mine; mainly the strong argillic and sericitic alteration. There is an abundance of polymetallic sulphides at Bousquet and polymetallic sulphides are also present at Comtois.

Very fine (2 to 3 microns) gold was found in polished thin sections from holes CO9404 and COM9507. All the gold was found in fractured pyrite and is interpreted to predate the fracturing of the pyrite (regional deformation).

The 1994 and 1995 diamond drilling programs have delineated the gold bearing, sulphide mineralized horizon to a minimum length of 1.1 km along strike and a depth of 300m. Additional drilling is required to further evaluate the economic significance of these rocks.

Based on the encouraging results obtained from 1995 and 1994 mapping/drilling programs, approximately 800m of diamond drilling is recommended to search for depth and strike extensions to the gold-sulphide mineralization.

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COMTOIS PROJECT

COMTOIS TOWNSHIP, QUEBEC, NTS. 32 F/03

1.0 INTRODUCTION

This report describes the 1995 diamond drilling program which was carried out by Cameco Corporation between January 22 and February 22, 1995.

1.1 Property Location, Access and Power

The Comtois project is located in Comtois and Quevillon Townships about 20km northwest of the town of Lebel-sur-Quevillon, NTS 32/F 03, in northwestern Quebec. Access is gained via highway 113 and then by the paved forestry road, N800, that links Matagami with Lebel-sur-Quevillon (see Fig. 1).

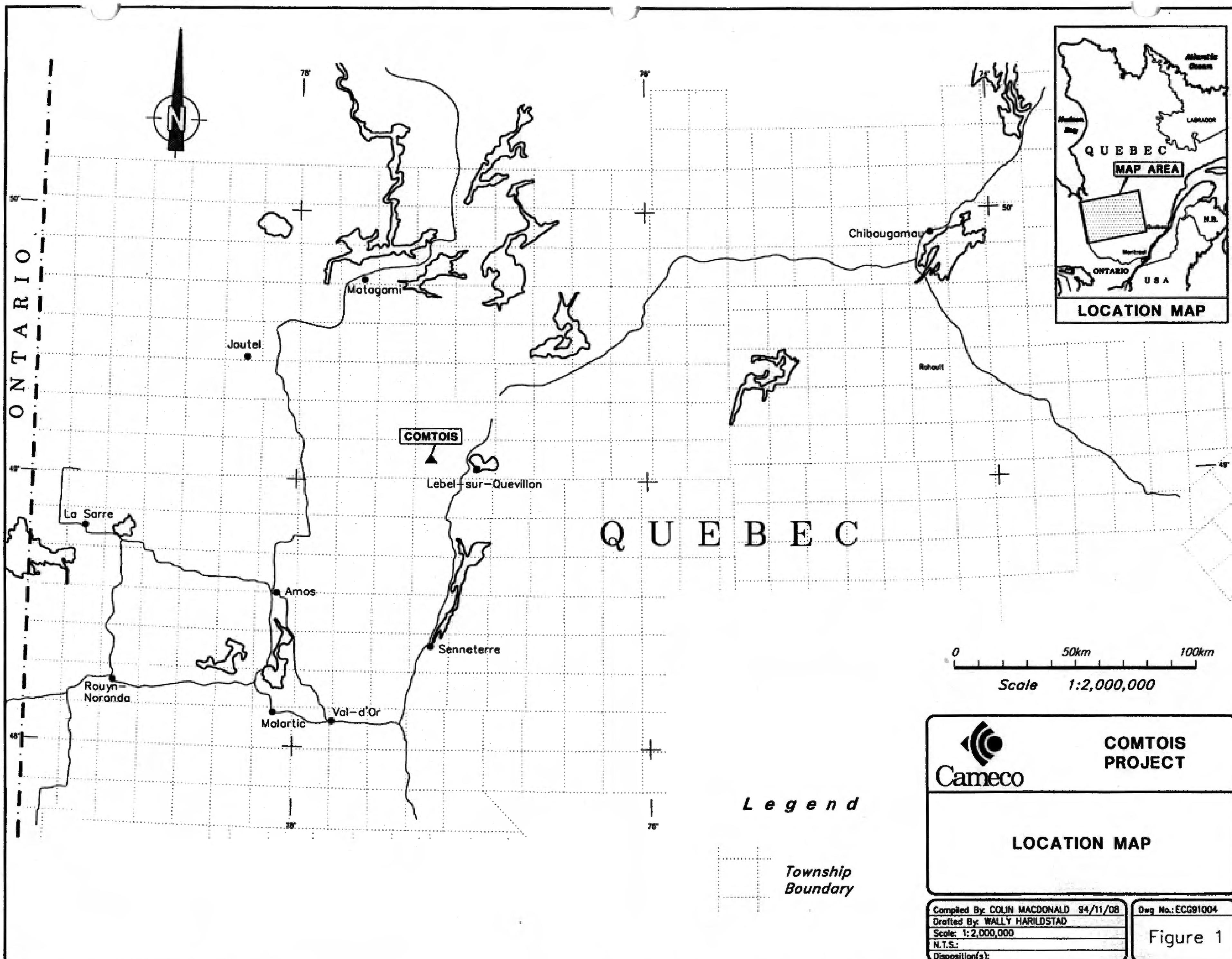
Electrical power can be obtained from high voltage transmission lines north of Lebel-sur-Quevillon or by upgrading the hydro lines which supply the Donohue saw mill, situated at the southeast corner of the property.

1.2 Claim Ownership and Assessment Status

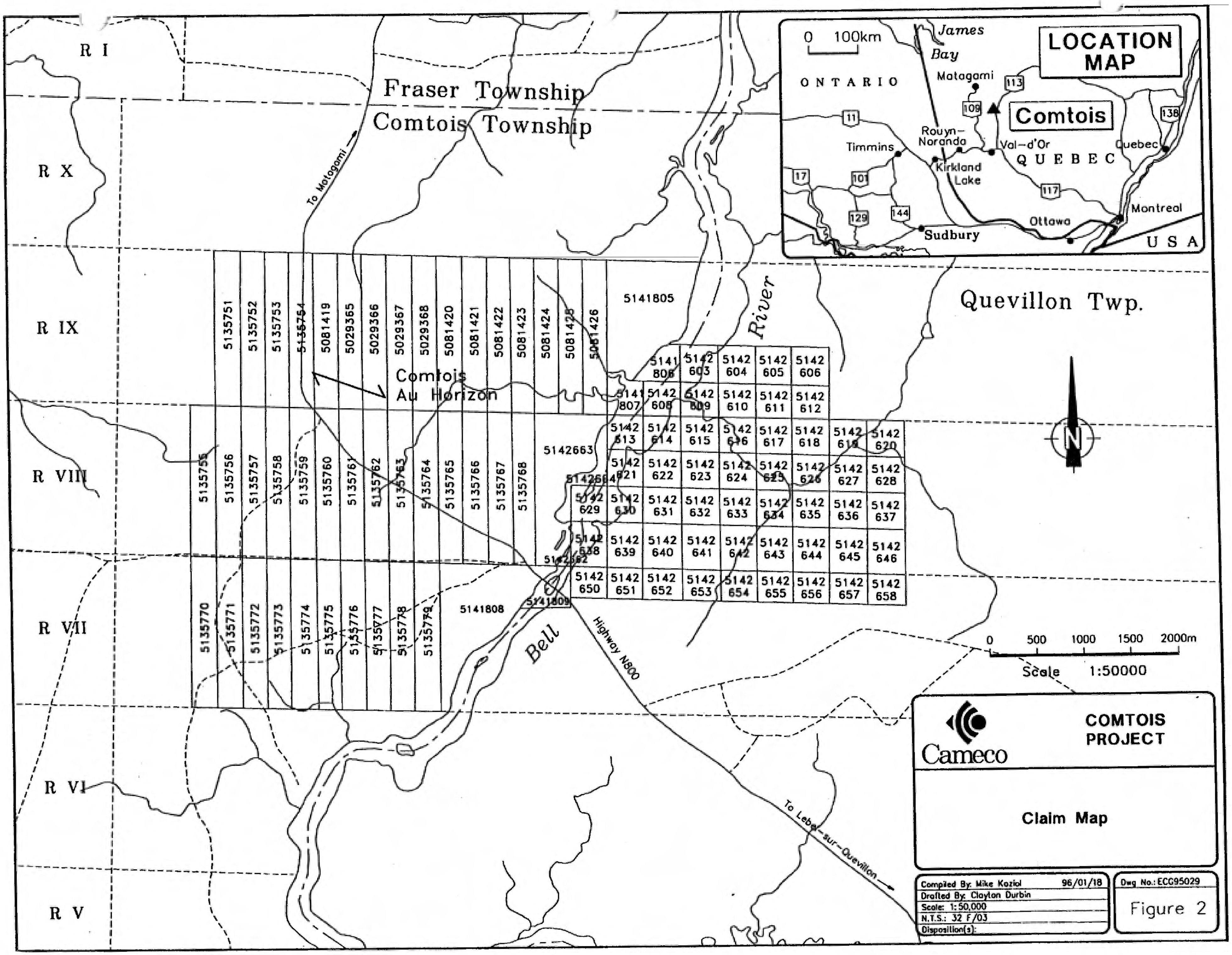
The Comtois project consists of 100 claims, 49 of these in the northeast corner of Comtois Township and 51 in the northwest quarter of Quevillon (see Fig. 2). Twelve of the claims in Comtois Township (Range IX, lots 40 to 51) were optioned in 1993 from Mr. Bryan Osborne (Osborne Option). The other claims were staked by Cameco in 1994 and 1995.

All claims are in good standing until 1996. Table 1 lists the claims and their ownership, and presents a summary of assessment information.

Claims on which work was carried out include 5029365 (COM9506), 5029366 (COM9509), 5029367 (COM9507), 5029368 (COM9508), 5081420 (COM9510) and 5081421 (COM9511).



N
78°
76°
74°
50°
49°
48°
ONTARIO
Matagami
Joutel
COMTOIS
Lebel-sur-Quevillon
La Sarre
Amos
Senneterre
Rouyn-Noranda
Malartic
Val-d'Or
Chibougamau
Rohault
QUEBEC
QUEBEC
MAP AREA
ONTARIO
USA
LOCATION MAP
0 50km 100km
Scale 1:2,000,000
Legend
Township Boundary
Cameco
COMTOIS PROJECT
LOCATION MAP
Compiled By: COLIN MACDONALD 94/11/08
Drafted By: WALLY HARILDSTAD
Scale: 1:2,000,000
N.T.S.:
Disposition(s):
Dwg No.: ECG91004
Figure 1



R I
R X
R IX
R VIII
R VII
R VI
R V
Fraser Township
Comtois Township
Quevillon Twp.
To Matagami
Comtois Au Horizon
River
Bell
Highway N800
To Lebel-sur-Quevillon
5135751
5135752
5135753
5135754
5081419
5029365
5029366
5029367
5029368
5081420
5081421
5081422
5081423
5081424
5081425
5081426
5141805
5141 806
5142 603
5142 604
5142 605
5142 606
5141 807
5142 608
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5135767
5135768
5135770
5135771
5135772
5135773
5135774
5135775
5135776
5135777
5135778
5135779
LOCATION MAP
0 100km
James Bay
ONTARIO
QUEBEC
Matagami
Comtois
Rouyn-Noranda
Val-d'Or
Timmins
Kirkland Lake
Quebec
Sudbury
Ottawa
Montreal
USA
113
109
11
138
17
101
117
129
144
N
0 500 1000 1500 2000m
Scale 1:50000
Cameco
COMTOIS PROJECT
Claim Map
Compiled By: Mike Koziol 96/01/18
Drafted By: Clayton Durbin
Scale: 1:50,000
N.T.S.: 32 F/03
Disposition(s):
Dwg No.: ECG95029
Figure 2

TABLE 1 OWNERSHIP AND ASSESSMENT INFORMATION

Claim #	Owner	Expiration Date	$ required	$ excess credit
5029365	B. Osborne	30/10/96	1200.00	4672.59
5029366	B. Osborne	30/10/96	1200.00	1746.63
5029367	B. Osborne	30/10/96	1200.00	1746.63
5029368	B. Osborne	30/10/96	1200.00	1746.63
5081419	B. Osborne	09/09/96	1200.00	1746.63
5081420	B. Osborne	09/09/96	1200.00	1746.63
5081421	B. Osborne	09/09/96	1200.00	1746.63
5081422	B. Osborne	09/09/96	1200.00	1746.63
5081423	B. Osborne	09/09/96	1200.00	1746.63
5081424	B. Osborne	09/09/96	1200.00	1746.63
5081425	B. Osborne	09/09/96	1200.00	1746.63
5081426	B. Osborne	09/09/96	1200.00	1746.63
3135751 to 5135768 (18 claims)	CAMECO CORP	08/11/96	21,600.00 (18 x 1200)	0.00
5135770 to 5135779 (10 claims)	CAMECO CORP	08/11/96	12,000.00 (10 x 1200)	0.00
5141805 to 5141809 (5 claims)	CAMECO CORP	11/06/97	2,400 (2 X 1200 and 3 x 400)	0.00
5142603 to 5142606 (4 claims)	CAMECO CORP	23/11/96	1,600 (4 x 400)	0.00
5142608 to 5142646 (39 claims)	CAMECO CORP	23/11/96	15,600 (39 x 400)	0.0
5142650 to 5142658 (9 claims)	CAMECO CORP	23/11/96	3,600 (9 x 400)	0.0
5142662 to 5142664 (3 claims)	CAMECO CORP	23/11/96	1,200 (3 x 400)	0.0

1.3 Previous Work

The area was mapped for the Quebec government in 1937 (Longley, 1939) on a scale of 1:63,360. No subsequent government mapping was carried out.

Cameco started exploration work on the project in the fall of 1993 when approximately 30km of IP/Resistivity and 34km of ground magnetometer surveying was completed. Subsequent work included geological mapping of the northeast quarter; an additional 31km of IP\Resistivity and 42km of magnetometer surveying; and diamond drilling of 1069m in five holes.

A more detailed summary of previous exploration work on the project is presented by Koziol et al. (1995).

1.4 Purpose of Program

The purpose of this program was to further test for gold mineralization along strike to the east and down dip along a favourable horizon identified during the 1994 diamond drilling.

2.0 GEOLOGY

The Comtois project is located in the Abitibi Greenstone Belt in the Joutel-Quevillon Corridor. The property lies within a large pressure shadow developed between major granodioritic to tonalitic plutons (Hocq, 1990). The main rock types within this pressure shadow are intermediate and felsic volcanic flows, fragmentals and associated sedimentary units. Several younger monzodiorite, hornblende granodiorite and syenite plutons intrude the volcanic package (M.E.R.Q., 1981).

The northeast trending Lamarck Fault System lies to the east of the property. This system extends from the town of Cadillac, Quebec, through Lebel-sur-Quevillon to north of Chibougamau (Chown et al., 1992). Longley (1939) mapped a strong E-W shear system at Little Kiask Falls, located approximately 4km south of the property.

Exposures of bedrock on the property are limited to two outcrop ridges. The geology in the northwest portion includes a sequence of andesite flows and fragmental rocks, bedded felsic (rhyolite and dacite clast) fragmentals and tuff. Two units of rhyolite are interbedded with the andesite. The rhyolite units are sulphide mineralized and carry anomalous amounts of gold. They are the principal target of this program. A coarse grained syenite stock (Beehler Stock) intrudes the volcanic pile in this area and coarse feldspar porphyry dykes cut the stratigraphy. The number and width of dykes increase towards the Beehler Stock. Several aplite and diabase dykes, up to 1.0m wide, cut all the lithologies. Most of these dykes trend northeast-southwest.

Koziol et al. (1995) present a more detailed discussion of the geology and mineralization on the claims optioned from Osborne. The geology west of the Osborne Option was mapped during the 1995 summer field program and will be reported at a future date.

3.0 DIAMOND DRILLING

Six holes, totalling 2089m of diamond drilling, were completed between January 22 and February 22, 1995. Of the six holes drilled in 1995, five (COM9506 to COM9510) intersected the gold-enriched rhyolite. Hole COM9511, designed to search for the favourable horizon 500m east of hole COM9510, failed to intersect the gold bearing rhyolite. Geological drill logs are included as Appendix A and drill hole locations are shown on Map 1.

3.1 Drill Hole Descriptions

Hole COM9506 was drilled on line 26+00W, 6+40N, at -55° on a bearing of 180°. The hole is located within a flat muskeg area and bedrock was intersected at 15.8m (see Maps 1 and 2). From 15.8m to 140.0m, a sequence of andesite flows and fragmental rocks was intersected. These are intruded by a few narrow diabase and feldspar porphyry dykes. The andesite sequence is underlain by a volcanic conglomerate (with clasts of intermediate and felsic volcanic rocks and biotitic sediments) from 140.0m to 174.9m. Andesite fragmental rocks between 174.9m and 239.5m are intruded by several syenite porphyry and pegmatite dykes. One brittle fault zone was intersected from 174.9m to 177.6m and another between 201.8m and 202.7m.

Blue quartz-eye rhyolite occurs from 239.5m to 366.8m. The rhyolite is intruded by coarse feldspar porphyritic syenite dykes, which make up approximately 40% of this interval. Locally the rhyolite has a fragmented texture (possibly caused by cooling), and a pyroclastic texture in other places. It is biotitic and weakly altered to chlorite and sericite along fractures. Fine disseminated pyrite and coarser crystalline pyrite occur throughout the interval. Total pyrite however seldom exceeds 2%. Gold content of the rhyolite varies from 8 ppb to a maximum of 6.5 g/t over 1.5m core length.

TABLE 2. SUMMARY OF SIGNIFICANT (> 1.0 g/t) GOLD INTERSECTIONS OBTAINED DURING THE 1994-1995 DIAMOND DRILLING PROGRAMS

Hole #	EOH (m)	Interval (m)	Width (m)	Gold g/t
CO9401	209.7	15.5-16.5	1.0	3.2
		22.5-23.5	**1.0**	**6.2**
		156.6-157.4	0.8	2.7
CO9402	307.0	178.8-180.1	1.3	1.0
		300.0-303.3	3.3	1.8
		305.0-306.7	1.4	2.3
CO9403	158.6	25.2-26.2	1.0	2.7
		36.9-38.0	1.1	2.6
CO9404	267.0	**199.4-202.0**	**2.6**	**30.6**
		202.0-203.0	1.0	1.4
		225.4-226.4	1.0	2.4
		232.0-233.5	1.5	2.4
CO9405	127.0	41.9-43.4	1.5	1.8
		46.4-47.9	1.5	1.4
		61.9-63.5	1.6	2.6
COM9506	428.6	146.5-148.0	1.5	1.0
		303.2-304.7	1.5	1.6
		317.3-318.8	**1.5**	**6.5**
COM9507	328.6	137.1-138.6	1.5	2.7
		140.1-141.6	1.5	1.7
		153.8-158.6	**4.8**	**8.5**
		189.3-192.0	2.7	3.2
		201.4-204.9	3.5	1.8
		248.8-250.5	1.7	1.4
		251.9-254.9	3.0	2.8
COM9508	393.5	277.6-280.4	2.8	1.3
		351.8-353.3	1.5	1.2
COM9509	417.0	280.8-281.8	1.0	1.2
		297.8-299.5	1.7	1.7
COM9510	331.0	**256.3-260.3**	**4.0**	**5.6**
COM9511	190.0	NO SIGNIFICANT	RESULTS	

The rhyolite is underlain by a sequence of felsic and intermediate fragmental volcanic rocks, andesite flows and flow breccia from 366.8m to 402.2m. These rocks contain up to 10% sulphides locally. Pyrite is the main sulphide; pyrrhotite and chalcopyrite are minor components. This section represents the depth continuity of the rocks which host the Beehler showing. Coarse feldspar porphyritic syenite is a significant component of this interval (approximately 45%). The section is weakly enriched in gold, ranging from 5 ppb to 347 ppb/1.4m. The syenite returned assays at or below detection limit (5 ppb).

The hole ends at 428.6m in a pegmatitic granite phase of the porphyritic syenite.

Hole COM9507 was drilled on line 21+00W, 3+75N, at -57° on a bearing of 180° (see Maps 1 and 3). This hole is located on a flat sand plain. Andesite flows and fragmental rocks were intersected from 15.5m to 50.6m. A brittle fault zone, containing a 40cm breccia zone with 10% pyrite but no significant gold, lies from 28.0m to 30.3m. A volcanic clast conglomerate occurs between 50.6m and 120.2m. It is anomalous in gold, up to 382 ppb Au/1.5m. The conglomerate is underlain, from 120.2m to 134.1m, by a felsic fragmental which is mineralized with up to 5% pyrite.

Rhyolite, including massive and pyroclastic textures, was intersected from 134.1m to 254.9m. The rhyolite is cut by feldspar porphyritic syenite dykes, which form approximately 40% of the rock. A "zebra-textured" rock (mylonitized feldspar porphyritic syenite ?) occurs from 159.3m to 183.2m. This rock is intruded by undeformed feldspar porphyritic syenite and diabase dykes. The rhyolite displays strong sericite alteration and is mineralized with pyrite, locally up to 15%. The gold content is highly elevated, up to 8.5 g/t Au/4.8m.

Coarse feldspar porphyritic syenite with inclusions of pyrite bearing rhyolite occurs between 254.9m and 328.0m. The syenite is cut by diabase dykes. The texture towards the bottom of the hole is more uniform and coarser grained, with individual crystals up to 2cm. The hole ends in the coarse syenite at 328.0m.

Hole COM9508 was drilled on line 19+00W, 4+15N, at -55° on a bearing of 180° (see Maps 1 and 4). This hole is located on a sand plain. Intermediate volcanic rocks, including fragmental and tuff were intersected from 3.0m to 62.8m. A brittle fault within the tuff, was intersected between 62.8m and 65.8m. The sequence below the fault, from 65.8m to 203.0m, consists of bedded tuff, chert, fine clastic and calc silicate beds, and narrow units of silicate-oxide iron formation. Alternating beds of intermediate fragmental (volcanic conglomerate ?) and felsic fragmental rocks occur from 203.0m to 251.8m.

Rhyolite, with both fragmental and fragmented (auto-brecciated) textures, occurs from 251.8m to 393.5m. The rhyolite is similar to that found in hole COM9507. There is strong sericite alteration and locally the sulphide content is 10% to 15%. However, the gold content is significantly lower than in Hole COM9507 (only two samples returned >1000 ppb gold, see Table 2). A fault from 264.7m to 277.6m gives the rhyolite a bleached appearance. Within the fault interval, some of the rhyolite has a reddish tinge, due to hematite. Hematite also occurs along randomly oriented fractures, and forms up to 5% of the rock volume.

Several syenite and diabase dykes cut the various lithologies. The hole was stopped at 393.5m in rhyolite because of wire line problems at the drill.

Hole COM9509 was drilled on line 24+00W, 5+60N, at -55° on a bearing of 180°, to undercut the high-grade gold bearing rhyolite intersected in hole CO9404 by approximately 150m (see Maps 1 and 5). A sequence of intermediate volcanic rocks, with several narrow beds of calc-silicate sediments, was intersected from 18.9m to 297.8m. Two narrow, brittle fault zones occur within the intermediate volcanic sequence: from 57.3m to 58.8m and 117.3m to 118.1m. The intermediate volcanic rocks contain 2% to 3% fine disseminated pyrite in the interval from 279.3m to 297.8m. This interval carries anomalous amounts of gold, including several samples with >100 ppb and one sample, from 280.0m to 281.8m, containing 1.2 g/t (see Table 2).

The rhyolite which was intersected from 297.8m to 405.1m, is relatively unaltered and the pyrite content rarely exceeds 1%. Even though the rock appears unaltered, it still contains anomalous amounts of gold including several samples with >100 ppb Au and one sample with 1.3 g/t Au (see Table 2). Syenite with inclusions of rhyolite occurs between 405.1m and 417.0m.

Syenite dykes cut the various lithologies throughout the hole and are most abundant at the bottom. The hole ends in syenite at 417.0m.

Hole COM9510 was drilled on line 17+00W, 3+50N, at -55° on a bearing of 180° to further test the rhyolite horizon (see Maps 1 and 6). Intermediate volcanic rocks, similar to the other holes, were intersected from 15.4m to 226.6m. A "zebra" textured rock similar to the "zebra rock" in hole COM9507 occurs in three separate intervals, from 35.9m to 47.6m, 198.7m to 203.0m and 207.1m to 210.2m. This rock contains only minor amounts of sulphides and no significant gold enrichment.

The rhyolite was intersected from 226.6m to 283.3m. A brittle/ductile fault zone occurs at the contact between the rhyolite and the overlying intermediate volcanic package, from 226.3m to 229.0m. The rocks within the fault are hematitic, bleached, and strongly foliated. Average foliation is at 15° to core axis.

The rhyolite is strongly altered and pyritic, similar to the rhyolite in holes COM9507 and 08. The section from 257.3m to 260.4m contains 10% pyrite and 1% yellow sphalerite. The gold content of the rhyolite is elevated, with several samples containing >100 ppb gold and a 4m section averaging 5.6 g/t (see Table 2). The rhyolite is underlain by fragmental dacite (rhyolite ?) and dacite tuff.

Several narrow dykes of coarse feldspar porphyritic syenite cut the rhyolite and the underlying units, and the syenite forms approximately 20% of the rock volume. The hole ends in one of these syenite dykes at 331.0m.

COM9511 was drilled on line 12+00W, 2+50N, at -55° on a bearing of 180° (see Maps 1 and 7). The hole is drilling into an east-west trending topographic lineament. Bedrock was intersected at 15.2m. A brittle ductile fault zone occurs from 15.2m to 60.2m, followed by a section of fragmental intermediate volcanic rocks between 60.2m and 151.0m. These volcanic rocks are cut by fractured, hematite-veined and altered, feldspar porphyritic syenite dykes. Greywacke and conglomerate underlie the volcanic sequence. These are brecciated and hematite altered. The hole ends at 190.0m without intersecting the sulphide bearing (gold mineralized) rhyolite sequence.

4.0 MINERALIZATION

Pyrite is the dominant sulphide found to date on the property. It forms fine crystals disseminated in the rhyolite and in several of the intermediate fragmental and flow units, making up 1% to 3% of the volume. Pyrite also occurs in rhyolite as coarser crystals which form veins, bands and stringers, particularly in holes COM9507, 08 and 10 (and 1994 hole CO9405), where it makes up to 15%. Only trace amounts of chalcopyrite and sphalerite were found in the holes west of COM9507. However, base metal bearing sulphides are greater in holes COM9507, 08 and 10, resulting in higher copper and zinc assays (up to .43% Cu/1.5m and 1.2% Zn/1.5m in hole COM9510). Pyrrhotite is present in minor amounts in the rhyolite and forms up to 5% of the underlying intermediate volcanic rocks.

Only very fine gold (2 to 3 microns) was found during petrographic studies. The gold is associated with fractured first generation pyrite, where it preferentially occurs on the rims of small pyrrhotite blebs included in pyrite (see Section 7.0).

5.0 GEOCHEMISTRY

Four hundred and twenty five drill core samples from six holes were analyzed for gold by Fire Assay/AA at Chimitec Ltee in Val d'Or, Quebec. Of these, 328 were also analyzed for 28 other elements using ICP multi-element scan. One hundred and ten sample pulps were re-analyzed for gold at Chemex Labs Ltd.

Anomalous amounts of gold are present in most of the sulphide mineralized rhyolite samples, with individual sample assay values up to 23.98 g/t/1.0m (hole COM9507). There is an overall increase in gold in holes COM9507, 08, 10, and 1994 hole CO9405. In these holes, more than half of the sulphide-bearing rhyolite samples assay >100 ppb gold (see Appendix A, B, C, and D).

Multi-element ICP results for core samples show elevated base metals in holes COM9507, 08 and 10. A majority of the samples of rhyolite in these holes contains more than 100 ppm zinc (up to a maximum of 1.1%/1.5m in hole COM9510). Copper is also elevated, up to 4200 ppm/1.5m, in hole COM9510. Silver is locally anomalous, up to several ppm, but its distribution is erratic.

The gold assay and ICP certificates are included as Appendix B. The results for the re-assay of pulps by Chemex are very similar to those originally obtained by Chimitec, confirming the fine grain and uniform distribution of the gold. The Chemex certificates are included in Appendix C.

6.0 ALTERATION

The sulphide mineralized drill cores display evidence of silicification, sericite alteration, biotite alteration, epidote-garnet alteration, and chlorite-carbonate alteration. Hydrothermal alteration of rhyolite in 1994 holes CO9401 to CO9404 is controlled primarily by fracturing except in a few intervals where the rocks are weakly foliated (Koziol et al., 1995). Similar alteration patterns are present in holes COM9506 and 09. Alteration at the east end (holes CO9405, COM9507, COM9508 and COM9510) is intense and pervasive, and the rocks are strongly foliated and schistose.

A total of 16 drill core samples, including nine rhyolite samples, were analyzed at TSL/Assayers Laboratories for I.C.A.P. Total Oxide

Analysis using Lithium Meta-Borate Fusion (see Appendix D). These were also analyzed for gold by Fire Assay/AA. All of the rhyolite samples have TiO_2 contents ranging from 0.21% to 0.29% and SiO_2 ranging from 65.4% to 72.5%. The assay results indicate that the rhyolites are hydrothermally altered. Na_2O is depleted, with contents varying from 0.34% to 1.89%; K_2O displays a general increase, up to 5.04%, in the Na_2O depleted samples. One exception is sample COM9509-401.2m where there is enrichment in Na_2O (4.8%) and a corresponding decrease in K_2O (1.26%). The LOI numbers are also elevated, up to 4.2%, reflecting the presence of sulphides and possible carbonate alteration.

7.0 PETROGRAPHY

A petrographic study was completed by Dr. Eva Schandl, from the University of Toronto, on several polished thin sections of drill core. The main objectives of the study were (1) to determine the mode of occurrence of the gold in the higher grade samples and (2) to determine if the style of alteration is comparable to the alteration at the Bousquet #2 Mine in Quebec.

The suite of rocks studied has been affected by several generations of hydrothermal/metasomatic alteration and some deformation. The felsic volcanic and volcaniclastic rocks contain polymetallic sulphides including pyrite, chalcopyrite, sphalerite and pyrrhotite.

Seven small (2 to 3 microns) gold inclusions were identified in a sample from hole COM9507. These gold grains are in fractured pyrite, occurring on the rim of small pyrrhotite grains. In samples from 1994 hole CO9404, very fine grained gold occurs either as inclusions in anhedral pyrite or spatially associated with the pyrite. Although the gold-bearing anhedral pyrite grains are often fractured, gold appears to be unrelated to and pre-dates the fractures.

There are several similarities in alteration type and texture between rocks at Comtois and the Bousquet #2 Mine. At Bousquet there is strong argillic and sericite alteration similar to Comtois. Polymetallic sulphides occurring in disseminated form, as veins and massive lenses are important ore hosts at Bousquet. At Comtois, the known gold mineralization is associated with disseminated and vein sulphides. One notable difference in the alteration style between Bousquet and Comtois is the abundance of andalusite at Bousquet #2. Only minor amounts of andalusite have been observed at Comtois.

The petrographic reports are included as Appendix E.

8.0 CONCLUSIONS

A program consisting of 2089m (six holes) of diamond drilling was carried out between January 22, 1995 and February 22, 1995. Of the six holes drilled, five (COM9506 to COM9510) intersected gold-enriched, pyritic rhyolite and gold assays approaching economic grades over mineable widths were obtained from two of these. Hole COM9507 intersected a 4.8m section of 8.5 g/t gold and in COM9510, a 4.0m section averages 5.6 g/t gold.

The sixth hole, COM9511, was drilled at a 500m step out to the east of hole COM9510. This hole failed to intersect the gold-bearing stratigraphy.

In holes COM9506 to COM9510, the two rhyolites identified in 1994 hole CO9401 to CO9405 coalesce into one unit of approximately 100m thickness. The total sulphide content in the eastern holes (CO9405, COM9507, COM9508 and COM9510) is greater (up to 15%) than in the holes west of COM9507. At least two generations of pyrite are recognized. The earlier generation includes fractured grains with pyrrhotite inclusions and chalcopyrite veins filling the fractures. The later pyrite is coarser grained, and occurs as bands, veins and clusters of crystals. The hydrothermal alteration is fracture controlled in the western holes and pervasive in the eastern ones.

Very fine (2 to 3 microns) gold was found in polished thin sections from holes CO9404 and COM9507. It occurs in fractured pyrite and is interpreted to predate the fracturing (pre-date the regional deformation).

The 1994 and 1995 diamond drilling programs have successfully delineated the gold anomalous, sulphide mineralized horizon to a minimum length of 1.1 km along strike and to a depth of 300m (see Fig. 3).

9.0 RECOMMENDATIONS

Based on the encouraging results obtained to date, additional diamond drilling is recommended to search for western, eastern and depth extensions of the gold bearing volcanic rocks. A minimum of 800m, in three holes, is recommended (see Table 3). If results of these are encouraging additional drilling should be carried out.

TABLE 3. Recommended Diamond Drill Hole Locations

Target A	L29W, 5+50N, -50°S end at 200m	Test Au horizon 200m west of fence C09401/02.
Target B	L22W, 4+75, -55°S end at 400m	Test for economic gold mineralization between 200m and 300m depth, 100m west of hole COM9507.
Target C	L16W, 2+25N, -50°S end at 200m	Test for the Au horizon on line 16W. If the horizon is found additional drilling is planned further east.

10.0 REFERENCES

Chown, E.H., Daigneault, R., and Mueller, W., and Mortensen J,K., 1992: Tectonic Evolution of the Northern Volcanic Zone, Abitibi Belt, Quebec, Can. Jour. Earth Sciences, Vol. 29, Num. 10, pp 2211-2225.

Hocq, M., 1990: Carte Lithotectonique des Sous-provinces de l'Abitibi et du Pontiac, Gouv. du Quebec, Min. de l'Ener. et des Res. (Mines), Carte No 2092 A du DV89-04

Longley, W.W., 1939: Region de la Riviere Laflamme Inferieure, District d'Abitibi in region de la riviere Laflamme Inferieure, Territoire d'Abitibi, 1939, Prov. de Quebec, Rapport Geol. No. 2.

Koziol, M., and Faber, A., 1995: Cameco Corporation, Report on 1994 Field Activities on the Comtois Project, Comtois Township, Quebec, NTS 32 F/03, Internal Company Report

Matthews, R., 1994: Cameco Corporation, Report on Geophysical work, Comtois Project, Comtois Twp., Quebec, Internal Company Report

Ministere de l'Energie et des Ressources, Quebec, 1981: Gites Mineraux du Quebec, Region de l'Abitibi, Feuille Lac Waswanipi, 32F, M-306

Plante, L., 1994: Geophysical Survey-IP, VLF and Mag, Performed on a Property of Cameco Corporation, Comtois Project, Comtois Township, Geola Ltee - Contractor's Report.

STATEMENT OF QUALIFICATION

I, Marian (Mike) Koziol, of 137 Cranbrook Cr., Sudbury, Ontario, P3E 2N4, do hereby certify that:

I am currently employed as a Senior Geologist by Cameco Corporation, 1349 Kelly Lake Road, Unit #6, Sudbury, Ontario, P3E 5P5

I graduated from McGill University in 1978 with a Bachelor of Science degree in Geology, and have been practising my profession continuously since graduation.

I am a member in good standing of the Association of Professional Engineers of Saskatchewan and the Canadian Institute of Mining and Metallurgy.

I am directly responsible for the work outlined in this report and was present on the property when the work was being carried out.

Signed at Sudbury, Ontario, this 15th day of September, 1995

M. Koziol
Project Geologist

APPENDIX A

DIAMOND DRILL HOLE LOGS

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506
Collar Eastings: -2600.00
Collar Northings: 640.00
Collar Elevation: 290.00
Grid: COMTOIS
Claim No.: 5029365

Collar Inclination: -55.00
Grid Bearing: 180.00
Final Depth: 428.60 metres
Test Au-bearing rhyolite
Core size: NQ

Logged by: M. KOZIOL
Date: JANUARY 24-30, 1995
Down-hole Survey: ACID TEST
Test rhyolite at -250m vertical

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
0	15.8	OVERBURDEN (CASING LEFT IN OVERBURDEN)											
15.8	74.4	ANDESITE											

(ASSAYS: SAMPLE No. through Pb (ppm))

This interval consists of andesitic composition coarse fragmental tuff beds interbedded with andesite flows.

15.8-29.3 - andesitic fragmental and tuff: The fragmental and tuff interbeds consist of alternating green, chlorite rich beds with brown, biotite tuff beds. The coarse fragments are of dacitic to andesitic composition and range in size from 1mm to 5cm X 1cm. They are flattened parallel to bedding. There is some chloritization of the tuffaceous matrix and the fragments have silica halos surrounding them. Some of the clasts contain small (<1mm) ellipsoidal inclusions of chlorite within them. The inclusions are aligned parallel to the foliation, which parallels bedding.

Tuff beds are from 1cm to 20cm thick. Some of the beds are biotitic and others are chloritic. Bedding at 17.1m is 45° to core axis; at 24m it is 50° and at 29m it is 45°.

Minor amounts of fine to very fine pyrite are sprinkled at random and locally concentrated with calcite veinlets. These veinlets are from <1mm to 5mm thick and form 1% of

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)

(ASSAYS)

the rock. They occur at various angles to core axis and cross cut the bedding.

The core is broken and blocky from 29.0m to 32.0m

29.3-29.6 - flow top breccia (?): This is a quartz-chlorite-carbonate filled brecciated andesite. Minor amounts of fine disseminated pyrite occur within this zone as well as 5% fine magnetite occurring mainly as wisps and in fine disseminated form.

29.6-53.8 - andesite flow (s): The rock is grey-green in colour, fine grained, and amygduloidal. Amygdules are calcite and scattered throughout. They are mostly smaller than 2mm, but at 31.8m are up to 8mm. Irregular shaped pockets of biotite rich andesite may have resulted from regional metamorphism of flow breccia. Locally there is a weak foliation fabric defined by chlorite and biotite at 35° to 45° to core axis.

Minor amounts of pyrite and pyrrhotite are sprinkled along hairline fractures. The fractures were sealed with calcite and quartz. Fractures form <3% of the total rock volume and lie at various angles to core axis. Few quartz veinlets up to 0.5cm thick cut the flow (s) at 30° to 60° to foliation and at 40° to 60° to core axis. These form <1% of the rock. Three specks of chalcopyrite were found with the quartz veins.

35.0-35.4 - breccia: the breccia consists of angular volcanic fragments set in chlorite-calcite-quartz matrix. This may represent another flow top or a tectonic breccia (?). The

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		upper contact is at 45° to core axis.											
		53.8-56.6 - andesitic fragmental and lapilli tuff: fragments are flattened parallel to bedding and make up 40% of the fragmental. They are up to 6cm X 1cm in size. The upper contact is uneven (erosional ?)											
		55.2-56.8: the core is broken and blocky.											
		Bedding at 54.5m is 45°.											
		56.6-56.8 - breccia: contacts are sub-parallel to bedding at 45° to core axis.											
		56.8-74.4 - andesite flows and flow breccia: This is a green coloured rock with patches and wisps of brown due to biotite, which forms about 20% of the rock. The texture in places is fragmental: green andesite fragments are surrounded by brown and black biotite. The fragments are flattened parallel to foliation and range in size from 1mm to several cm. In more massive sections, biotite is only a minor component and calcite amygdules are present, forming approximately 1%. The amygdules are from 1mm to 3mm in size. The flows and flow breccia are cross cut by calcite and calcite-quartz filled fractures. These occur at approximately six fractures/metre and cut the core at various angles. Pyrite occurs in trace amounts only. There is a foliation defined by alignment of fragments and biotite patches. At 64m the foliation is at 40° to core axis and at 71.5m at 45°.											
74.4	76.6	DIABASE DYKE											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		The upper contact in uneven at approximately 80° to core axis, lower contact is at 75°. The rock is dark grey, fine grained, massive. and contains plagioclase, pyroxene and amphibole. Locally the mafic minerals are altered to chlorite and biotite. The diabase is very weakly magnetic.											
		76.0-76.3 - inclusion of massive andesite (basalt ?).											
76.6	80.3	ANDESITE (BASALT ?) FLOW											
		The core is dark grey-green, fine grained and massive. Contains only a few amygdules. Biotite is present as wisps, forming <5%.											
		77.9-78.3 - broken and blocky.											
80.3	85.0	FAULT ZONE	1	80.10	81.10	1.00	11						
			2	81.10	82.60	1.50	6						
		The faulted rock is massive andesite. The fault occurs as several areas of brittle fracturing with localized brecciation. The brecciated rock is sealed with quartz -carbonate veinlets and contains 1% to 3% fine pyrite. Other sections of the fault are only fractured and broken and do not contain veinlets or sulphides. The fractures and veinlets occur at various angles to core axis.	3	82.60	84.10	1.50	6						
		84.1-85.0 - area of brecciation and injection of quartz -carbonate veinlets with minor chlorite. This breccia contains 3% pyrite. Core angles of silica veining is 30° at											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		84.1m and 50° at 85.0m.											
85.0	95.8	ANDESITE FLOWS AND FLOW BRECCIA	4	84.10	85.10	1.00	12						
			5	85.10	86.10	1.00	6						
		Similar to that from 56.8m to 74.4m. The core is strongly fractured and sealed with quartz carbonate veinlets from 88.5m to 89.6m (influence of above fault). Locally there is a weak foliation developed at 50° to core axis. The more massive sections contain up to 1% fine leucoxene. Minor amounts of very fine pyrite are scattered throughout this unit.	6	86.10	87.20	1.10	10						
95.8	97.6	FELDSPAR PORPHYRY											
		The porphyry is grey in color, fine grained, and contains 10% feldspar phenocrysts. The feldspars are mostly subhedral to anhedral and are up to 0.5cm in diameter. Some are pinkish in colour due to hematite staining. There is a weak foliation within the porphyry at 50° to core axis. The upper and lower contacts have 5cm wide chill margins, partially in the porphyry and partially the flow. The contacts are conformable to the foliation fabric in the andesite. The porphyry is weakly magnetic, due to very fine disseminated magnetite. Minor amounts of pyrrhotite are present, disseminated in the porphyry.											
97.6	114.4	ANDESITE FLOWS AND FLOW BRECCIA											
		Similar to above. Locally the rock is fractured and some of											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		the fractures contain carbonate and others pyrrhotite. Fine disseminated pyrrhotite also occurs locally. Total pyrrhotite content of the interval is <1%. In the lower most 10m of the interval, the rock is cut by several 1cm wide chlorite-epidote veins.											
		At 113.4m narrow bands of fine pyrite and pyrrhotite occur. Several specks of arsenopyrite were also found associated with a 0.5cm wide carbonate-epidote vein.											
114.4	122.2	ANDESITE FRAGMENTAL AND CALC-SILICATE SEDIMENT	7	116.30	117.80	1.50	24						
			8	117.80	119.30	1.50	8						
		The fragmental consists mainly of andesitic lapilli clasts in a biotite-chlorite tuff. The fragments are chloritized. The calc-silicate interbeds occur in the section from 116.4m to 119.0 and range in thickness from 5cm to 60cm. They are made up of chlorite-green amphibole-epidote-calcite and quartz. They display a more contorted bedding/foliation than the fragmental and tuff beds. Fine crystalline pyrite occurs from 116.3m to 120.0m and forms 3% of the interval. The pyrite occurs finely disseminated and along narrow fractures. From 120.0m to 122.2m, only minor amounts of pyrite are present.	9	119.30	120.80	1.50	8						
		Bedding at 114.6m is at 40° to core axis.											
122.2	125.2	FELDSPAR PORPHYRY											
		Similar to that from 95.8m to 97.6m.											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
125.2	128.1	DIABASE DYKE Diabase is medium grey, massive, similar to that from 74.4m to 76.6m. At the upper contact the diabase displays a 2cm wide chill margin. The contact is at shallow (10° to 30°) angles to core axis, possibly because of a strike that is oblique to the stratigraphy. Towards the bottom, the dyke is coarser and fractured. the fractures are filled with hematite.											
128.1	140.0	ANDESITE FLOW The andesite is grey green in color, fine grained, massive, and locally, biotitic. The upper six metres are fractured and cut by aplite dykes. 128.1-128.4 - aplite dyke: light pink, fine grained, mainly feldspar with lesser quartz and 10% muscovite. The contact with the andesite is at 40° to core axis. 129.0-129.2 - andesite fragmental 129.2-129.8 - the flow is fractured and brecciated. Breccia is sealed with pink carbonate and fractures are also filled with pink calcite. The brecciated section is aligned at 40° to core axis. 130.1-130.3 - aplite dyke: the dyke lies at 50° to core axis and cuts the bedding/foliation at 90°.											
140.0	174.9	VOLCANIC CONGLOMERATE	10	143.40	145.00	1.60	73						
			11	145.00	146.50	1.50	30						

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		The rock is brown, green and grey in colour and contains fragments of intermediate (chloritized) volcanic and felsic fragments (possibly rhyolite) and strongly biotitic sediments. The fragments range in size from 1mm to 5cm in cross section. They are flattened by approximately 3:1 and aligned parallel to foliation/bedding at 50° to core axis. The clasts make up 40% to 60% of this unit. There is also a crude sorting defined by size of clasts. From 142.0m to 146.0m, the clasts are mostly coarse, from 3cm to 5cm in cross section and below this section, most of the clasts are less than 3cm in cross section.	12	146.50	148.00	1.50	1014						
		Pyrite occurs in minor amounts throughout, mainly as fine cubes along foliation/bedding planes and as coarser (1mm to 2mm) cubes isolated along hairline fractures. Calcite occurs along fractures, forming large, flat crystals along the fracture surface.											
		Fracturing is not strong and the rock looks competent.											
		143.4-148.0 - pyrite content is increased to 3%.											
		161.4-162.4 - diabase: contacts are at 40° to core axis.											
		162.8-164.4 - 3% crystalline pyrite.											
174.9	177.6	FAULT ZONE	13	174.90	176.30	1.40	78						
			14	176.30	177.60	1.30	65						
		Area of the fault is fractured, brecciated and locally silicified. Fractures are filled with calcite. Pyrite occurs along the fractures as very fine disseminated crystals and as											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		clusters of coarser (up to 2mm) euhedral to subhedral crystals. Pyrite content is 2%.											
		175.9-176.2 - gouge zone: the zone is sealed with silica, minor carbonate and chlorite. Gouge zone is aligned at 45° to core axis. The contact of the faulted rock and the overlying unit is at 45° to core axis.											
177.6	186.2	DACITIC TUFF AND LAPILLI TUFF	15	177.60	178.70	1.10	42						
			16	178.70	180.20	1.50	105						
		Brownish grey, bedded. The tuff contains 3% pyrite occurring as very fine crystals disseminated parallel to bedding and as coarser, up to 2mm, cubes associated with hairline fractures. The lowermost 2m contains only 1% pyrite.	17	180.20	181.70	1.50	69						
			18	181.70	183.20	1.50	288						
			19	183.20	184.70	1.50	216						
		181.7-182.7 - section is highly strained and more siliceous. Towards the bottom of this section, the bedding is contorted and the rock is more chloritic. Strain fabric is at 45° to 35° to core axis. Pyrite content of this section is 3%.											
186.2	191.0	ANDESITE FRAGMENTAL											
		The rock is greenish grey, matrix supported and contains chloritized clasts of andesite that range in size from 0.5cm to 2cm. The clasts are aligned parallel to bedding, but are not very deformed Thin halos of silica (?) form around some of the clasts. The matrix is a biotite-chlorite bearing tuff. Pyrite forms 1% of the rock and occurs mostly as fine crystals along hairline fractures. Minor amounts of chalcopyrite are associated with the pyrite. Several small											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		crystals of garnet occur in a chloritic selvedge to a 2cm wide bull quartz vein.											
191.0	193.8	SYENITE AND DIABASE											
		191.0-191.6 - coarse feldspar porphyritic syenite: the contact with the overlying fragmental is at 50° to core axis.											
		191.6-193.8 - diabase dyke: the diabase intrudes the syenite at 45° to core axis. The diabase is medium grey color and massive. A 2cm wide chill margin occurs within the diabase at its upper contact.											
193.8	198.3	ANDESITE FRAGMENTAL											
		Similar to above, contains 1% pyrite and minor pyrrhotite and chalcopyrite.											
198.3	200.0	DIABASE DYKE											
		Locally the feldspars are altered to a pink color due to the presence of hematite along certain fractures.											
200.0	201.8	ANDESITE FRAGMENTAL											
201.8	202.7	BRITTLE FAULT ZONE	20	201.80	202.70	0.90	111						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		The fault is expressed as a fault gouge, consisting of brecciated andesite that is sealed by white and pink calcite. The upper contact of the fault gouge is at 35° to core axis. This fault is similar to the fault reported in 1994 hole C09402.											
202.7	210.6	ANDESITE FRAGMENTAL	21	202.70	204.20	1.50	37						
			22	204.20	205.70	1.50	103						
		The upper 5m of this interval show evidence of deformation including brecciation and injection of quartz and calcite veinlets. A 1cm wide quartz vein also contains minor garnet (?). Chlorite occurs along some of the hairline fractures. Some of the clasts also contain calc-silicate such as tremolite. Pyrite forms 2% of the rock and trace amounts of arsenopyrite (?) were observed.	23	205.70	207.20	1.50	23						
			24	207.20	208.70	1.50	42						
			25	208.70	210.60	1.90	33						
		Bedding/foliation at 206m is 45°.											
210.6	212.9	PEGMATITE											
		The rock is pink, feldspar dominant. Biotite forms 10%. The biotite occurs as narrow sheets between feldspar boundaries. The upper contact is destroyed and the lower contact lies at 90° to core axis and 30° to the underling fragmental. Towards the bottom of the interval, the pegmatite contains muscovite and a few clusters of red garnet.											
212.9	221.0	ANDESITE FRAGMENTAL											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Similar to above. Total sulphide content is 3%. The sulphides occur as very fine pyrite and pyrrhotite, in approximately equal amount. Chalcopyrite occurs in minor amounts. This section also contains chlorite-epidote veins that lie at various angles to the core axis and range in width from 0.2cm to 2cm.											
221.0	227.3	SYENITE											
		Grey color, feldspar porphyritic. Euhedral to subhedral feldspars form 15% to 20% and range in size from 1mm to 5mm. The upper contact is at 50° to core axis and displays chilled margins. The syenite is magnetic, contains 3% fine magnetite within the biotitic groundmass. Minor amounts of magnetite occurs as replacement of feldspar phenocrysts.											
227.3	230.0	ANDESITE FRAGMENTAL											
		Contains 3% sulphides, pyrite and pyrrhotite in approximately equal amounts. Section also includes a 10cm wide white pegmatite vein at 70° to core axis. Vein cuts the bedding/foliation at approximately 70°.											
230.0	234.9	SYENITE											
		Coarse feldspar porphyritic. Inclusion of andesite from 234.4m to 234.9m.											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
234.9	237.2	PINK SYENITE											
		Medium grained, pink colour, massive. Contains minor pyrite. Upper and lower contacts are at 40° to core axis. A 1cm wide chill margin is developed at both contacts.											
237.2	239.5	ANDESITE FRAGMENTAL											
		Contains 3% sulphides; pyrite and pyrrhotite.											
239.5	239.8	RHYOLITE	26	238.30	239.80	1.50	28						
		Light grey color, fine grained, siliceous. The rhyolite is weakly chloritized along fractures. Contains 1% very fine pyrite.											
239.8	243.1	SYENITE											
		Grey colour, feldspar porphyritic; feldspars are relatively uniform in size, ranging from 1mm to 3mm. The phenocrysts form 20% of the rock.											
243.1	255.3	RHYOLITE	27	243.10	244.10	1.00	324						
			28	244.10	245.10	1.00	302						
		Rock is light yellowish grey in colour, fine grained, siliceous and has a fragmental texture. In the upper half of the interval, the fragmental texture may be related to cooling or phreatic brecciation. The lower half has a	29	245.10	246.10	1.00	19						
			30	246.10	247.10	1.00	17						
			31	247.10	248.10	1.00	67						
			32	248.10	249.10	1.00	951						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		pyroclastic texture, where individual clasts (bombs) are up to several cms in size. The entire section is weakly chloritized and from 248.0m to 248.5m, sericite forms several 1mm to 3mm wide veinlets parallel to foliation. Biotite is present throughout, forming 3% to 5%. Foliation angles at 246.0m are 50° to core axis and the contact at 255.3m is at 45° to core axis. Only a few blue quartz eyes were observed near the bottom of this section.	33	249.10	250.10	1.00	184						
			34	250.10	251.10	1.00	262						
			35	251.10	252.10	1.00	194						
			36	252.10	253.10	1.00	30						
			37	253.10	254.10	1.00	13						
			38	254.10	255.30	1.20	32						
		Fine to very fine pyrite occurs disseminated along foliation surfaces , along cooling fractures and surrounding the larger fragments in the pyroclastic beds. The fine pyrite forms 2% of the interval. Minor amounts of slightly coarser pyrite are localized to chlorite-biotite pods between clasts. Minor epidote coats surfaces of late fractures.											
		253.2-253.7 there is stronger chloritization around rhyolite fragments. Biotite is also present as very fine flakes surrounding the fragments.											
255.3	259.0	SYENITE											
		Coarse feldspar porphyritic, grey in color with flesh coloured feldspar phenocrysts. Contains 5% to 10% bladed amphibole, now partially replaced by chlorite and biotite.											
		257.4-257.7 inclusion of rhyolite.											
259.0	266.0	RHYOLITE	39	259.00	260.70	1.70	258						
			40	260.70	261.40	0.70	9						

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		The upper contact is at 50° to core axis. The rhyolite is darker grey color due to approximately 10% very fine biotite. The rock has a fragmental (fragmented ?) texture. Blue quartz eyes, approximately 1mm in diameter, form 3% to 5% of this interval.	41	261.40	262.40	1.00	66						
			42	262.40	263.40	1.00	24						
			43	263.40	264.60	1.20	11						
			44	264.60	266.00	1.40	16						
		The pyrite content of the rhyolite is approximately 2%. the pyrite occurs along fractures as crystals and clusters of crystals up to 1mm across and as very fine crystals disseminated along the foliation surfaces.											
		260.7-261.4 syenite dyke: the upper contact is at 40° to core axis and the lower is at 60°.											
		264.6-266.0 rhyolite contains irregular shaped pods and bands of chlorite surrounding the clasts. The bands are up to 1cm wide and contain 3% fine disseminated pyrite. The total pyrite content of this section is 2%.											
266.0	271.1	SYENITE											
		Coarse feldspar porphyritic. Lower contact is at 60°.											
		265.1-265.8 inclusion of rhyolite.											
271.1	274.6	RHYOLITE	45	271.10	272.10	1.00	14						
			46	272.10	273.10	1.00	28						
		Similar to above, except that there are more quartz eyes, both grey and blue, which together make up 10%. Foliation at 273.1m is at 50° to core axis.	47	273.10	274.60	1.50	74		336	82	76	0.3	12

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		272.6-279.9 diabase dyke.											
		273.3-273.4 section contains 3% fine pyrrhotite.											
		274.5-274.6 rhyolite contains 5% fine white crystals, up to 1mm in size, could be andalusite ?.											
274.6	281.5	SYENITE											
		Coarse feldspar porphyritic, magnetic.											
		Sample taken for thin section at 279.0m											
281.5	285.8	RHYOLITE	48	281.50	282.50	1.00	65		443	34	95	0.4	8
			49	282.50	283.50	1.00	131		356	154	87	0.7	6
		The upper portion is lighter grey in color and contains 10% quartz eyes, up to 2mm in size. This section is more sericitic and less biotitic (<3% biotite) than lower down. Pockets of chlorite-biotite mixture form 10%. In the lower half, biotite forms 10% of the rock occurring mainly along foliation and as oval shaped clusters. Blue quartz eyes are more abundant in the biotite rich portions. Pyrite forms 1% to 10% of the rock and occurs finely disseminated along hairline fractures. Minor amounts of very fine pyrrhotite occur disseminated in the biotite rich sections and locally, the core is weakly magnetic.	50	283.50	284.50	1.00	63		407	169	88	0.5	7
			51	284.50	285.80	1.30	99		405	370	56	1.2	7
		283.2-283.4 diabase dyke; contacts are parallel to foliation at 50° to core axis.											

(ASSAYS: columns Au (ppb) through Pb (ppm))

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
285.8	288.0	SYENITE Coarse feldspar porphyritic; upper and lower contacts are at 40° to core axis.											
288.0	301.6	RHYOLITE Grey color, biotite bearing (10%), contains 5% to 10% quartz eyes which are up to 2mm in diameter. Biotite occurs as oval shaped pods along foliation/bedding, possibly altered lapilli.Pyrite forms 1% to 2%, mainly along hairline fractures and veinlets. The veinlets are from 1mm to 3mm wide and some display sericite enriched halos up to 1cm on either side of the veinlet. The veinlets cross cut the core axis at shallow angles (5° to 40°). Pyrite is also finely disseminated within the rhyolite. Very fine pyrrhotite forms 1% and is disseminated along foliation. Locally, the core is magnetic. Foliation at 300.0m is at 45° to core axis.	52	288.00	289.00	1.00	50		354	145	60	0.5	13
			53	289.00	290.00	1.00	805		433	1190	84	3.2	11
			54	290.00	291.50	1.50	75		400	102	63	0.2	9
			55	291.50	293.00	1.50	286		322	136	44	0.4	7
			56	293.00	294.50	1.50	167		342	91	38	0.3	8
			57	294.50	296.00	1.50	273		418	116	44	0.6	8
			58	296.00	297.50	1.50	122		420	92	81	0.3	10
			59	297.50	299.00	1.50	320		465	114	48	0.4	8
			60	299.00	300.50	1.50	161		383	103	35	0.3	9
301.6	303.2	SYENITE Coarse feldspar porphyritic, magnetic.	61	300.50	301.80	1.30	123		414	28	42	0.2	8
			62	301.80	303.20	1.40	13		868	7	86	0.1	6
303.2	306.7	RHYOLITE Similar to above, sulphide content is 2%, mainly pyrite.	63	303.20	304.70	1.50	1562		287	245	41	1.8	16
			64	304.70	305.70	1.00	548		557	19	76	0.4	41
			65	305.70	306.70	1.00	167		495	37	628	0.4	116

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
							ASSAYS						
306.7	310.3	SYENITE Coarse feldspar porphyritic.											
310.3	313.2	RHYOLITE Upper contact is at 25° to core axis and the lower is at 50°. The rhyolite is similar to above. From 311.8m to 312.7, the rhyolite has a more brecciated appearance and chlorite occurs surrounding breccia blocks. Pyrite forms 2% and is finely disseminated and along micro fractures.	66	310.30	311.80	1.50	179		445	187	166	0.7	56
			67	311.80	313.20	1.40	162		409	204	998	0.8	51
313.2	315.8	SYENITE Coarse feldspar porphyritic; feldspars are up to 1.5cm in size and form 30% of the rock. Bladed amphibole, now replaced by chlorite, formed 10% of the rock. Syenite is magnetic.											
315.8	327.0	RHYOLITE Rhyolite is similar to above. Total sulphide content is estimated at 2% to 3%, mainly pyrite with minor amounts of very fine disseminated pyrrhotite. Pyrrhotite is also associated with the pyrite. Foliation at 324.0m is at 50° to core axis. 315.8-320.8 this section contains pockets of up to 1mm	68	315.80	317.30	1.50	281		475	70	139	0.6	39
			69	317.30	318.80	1.50	4035	6.48	487	132	75	1.1	15
			70	318.80	320.30	1.50	207		518	139	75	0.9	15
			71	320.30	321.80	1.50	277		496	38	50	0.6	11
			72	321.80	323.30	1.50	193		434	23	110	0.6	22
			73	323.30	324.80	1.50	245		514	43	80	0.7	15
			74	324.80	326.00	1.20	157		421	87	77	0.7	10
			75	326.00	327.00	1.00	60		418	49	43	0.3	9

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		crystals of andalusite (?) along some foliation surfaces. The rhyolite is still biotitic and sericite occurs along micro fractures. Blue quartz eyes make up 10% of the rock. Pyrite forms 2%. The rock could be a fragmental (pyroclastic or fragmented flow ?).											
327.0	328.8	SYENITE											
		Coarse feldspar porphyritic.											
328.8	337.8	RHYOLITE	76	328.80	330.30	1.50	58		402	73	34	0.3	8
			77	330.30	331.80	1.50	51		504	34	39	0.1	6
		Similar to above, but locally more chloritic. Chlorite occurs along foliation and as irregular shaped pods and veins. Sulphide content, mainly fine pyrite with minor pyrrhotite, is estimated at 2%.	78	331.80	333.30	1.50	83		337	46	31	0.3	7
			79	333.30	334.80	1.50	68		306	33	31	0.1	6
			80	334.80	336.30	1.50	12		275	9	33	0.1	7
			81	336.30	337.80	1.50	397		287	74	37	0.1	6
		330.8-331.0 porphyritic syenite											
337.8	347.4	SYENITE AND DIABASE DYKE	82	339.90	340.40	0.50	5		338	6	35	0.1	6
			83	342.20	343.20	1.00	8		247	4	33	0.1	4
		The syenite is pinkish in color and coarse feldspar porphyritic. Feldspar forms 30%, the crystals are euhedral to subhedral and up to 1.5cm in size. They are light pink to flesh coloured. Blades of amphibole, now replaced to chlorite, formed 10%. The syenite is magnetic.											
		339.9-340.4 inclusion of highly altered rhyolite. This section contains 10% irregularly shaped pods and veins of											

FROM	TO	LITHOLOGICAL DESCRIPTION
		chlorite which also contain 3% to 5% very fine pyrite and pyrrhotite within them The chlorite veins have a sericite-albite (?) halo on both edges. The rest of the rock is strongly sericitized and contains 2% fine pyrite and minor pyrrhotite.
		340.4-342.0 diabase dyke: the dyke cuts the rhyolite at 90° to core axis. The dyke is green, fine grained and massive. A 0.5cm chill margin is present at both contacts.
		342.0-342.2 syenite as above.
		342.2-343.2 inclusion of highly altered rhyolite as described from 339.9m to 340.4m. Several bright yellow specks (carbonate?) up to 0.5cm dot the rock. These are scattered at various locations but appear to parallel foliation.
347.0	366.8	RHYOLITE
		Similar to rhyolite above. In places, rhyolite is darker grey color due to 5% to 10% very fine biotite. Blue quartz eyes form from 5% to 10%, ranging from 1mm to 2mm. Finely disseminated pyrite and lesser pyrrhotite form 3% combined. Sericite occurs along micro fractures throughout the interval. In some sections rhyolite has a fragmental (pyroclastic ?) texture. The lower 1.5m is more sericitic and more foliated, possibly a tuff. The contact with the underlying andesite is at 50° to core axis.
		347.4-349.0 rhyolite is strongly altered, with veins and pods of chlorite, similar to that described from 339.9m to 340.4m.

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
84	347.40	348.90	1.50	10		296	3	36	0.1	4
85	348.90	350.40	1.50	17		328	5	38	0.1	7
86	350.40	351.90	1.50	104		296	5	53	0.1	11
87	351.90	353.40	1.50	56		302	15	34	0.1	9
88	353.40	354.90	1.50	15		317	18	28	0.1	9
89	354.90	356.40	1.50	17		366	13	39	0.1	5
90	356.40	357.90	1.50	70		432	22	51	0.1	13
91	357.90	359.40	1.50	53		384	7	29	0.1	10
92	359.40	360.90	1.50	100		370	45	30	0.1	9
93	360.90	362.40	1.50	111		371	71	26	0.3	11
94	362.40	363.90	1.50	68		300	64	72	0.4	46
95	363.90	365.40	1.50	128		341	5	87	0.2	23
96	365.40	366.80	1.40	347		336	10	23	0.4	14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Locally the core is strongly sericitized. Chlorite veins are rimmed by an albite (?)-sericite halo, some up to 0.5cm wide. The veins form 15% to 20% of the rock and contain 3% to 5% very fine pyrite and pyrrhotite. The rhyolite is still biotite bearing and contains 2% very fine pyrite and 1% finely disseminated pyrrhotite. The number of chlorite veins decreases down hole, to almost none below 350m.											
		At 348.7m a 5cm wide band of quartz-sericite schist contain fine yellow specks that could pass for the real thing. If it is them the assay should be real good.											
		355.9-356.6 - syenite dyke: the dyke is pink in color, coarse feldspar porphyritic and magnetic.											
366.8	368.2	ANDESITE	97	366.80	368.20	1.40	54		695	65	195	0.3	40
		Brownish grey with green chloritic sections. Contact area includes 0.5m wide section of rhyolitic tuff. Section contains 2% pyrite.											
368.2	374.0	SYENITE											
		Coarse feldspar porphyritic: syenite has a purplish tinge to it. Feldspar phenocrysts form 20% of the rock. The syenite is magnetic. The upper contact is at 60° to core axis and the lower contact is at 50°.											
		370.7-371.6 inclusion of andesite.											

FROM	TO	LITHOLOGICAL DESCRIPTION
374.0	391.8	ANDESITE FLOW AND BRECCIA

This is a brownish green rock with irregular shaped chlorite altered patches and breccia interbeds. The entire section is sulphide mineralized (3% average), mainly pyrite, lesser pyrrhotite and minor chalcopyrite. Stubby crystals of black tourmaline are scattered in the breccia sections, locally forming 5%.

376.7-377.7 - breccia zone: this section contains irregular shaped, biotite altered breccia blocks in a biotite-chlorite matrix. Pyrite forms 5% of this section and occurs as veinlets and clusters of crystals.

378.8-379.1 - aplite dyke: contacts are at 40° to core axis.

379.3-380.5 the rock is brown, massive and mineralized with 5% pyrite. Pyrite occurs finely disseminated along foliation at 50° to core axis and as clusters along healed fractures. Locally the rock is silicified and displays silica mottling and bleaching. Pyrite also occurs within these bleached areas. Tourmaline forms 3% and is associated with healed fractures and silica pockets.

380.5-380.6 - quartz breccia: this may represent a silicified fault gouge occurring at 90° to core axis. The zone is made up of 70% quartz, 25% chloritized rock and 3% to 5% pyrite with minor pyrrhotite.

380.6-382.9 - andesite flow breccia: This is a greenish brown fragmented rock that is cut by veins of chlorite and injected

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
98	375.50	377.00	1.50	161		543	423	58	0.9	30
99	377.00	378.50	1.50	38		750	59	137	0.6	58
100	378.50	380.00	1.50	27		549	69	100	0.4	29
101	380.00	381.50	1.50	21		612	23	113	0.3	39
102	381.50	383.00	1.50	12		623	7	243	0.1	113
103	383.00	384.50	1.50	25		732	7	369	1.7	85
104	384.50	386.00	1.50	30		622	21	98	0.3	10
105	386.00	387.50	1.50	5		355	4	44	0.1	13
106	387.50	389.00	1.50	12		366	9	39	0.1	7
107	389.00	390.50	1.50	8		334	13	40	0.1	8

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		with quartz-tourmaline and calcite veins. Veins form 3%, are narrow (<1cm) and occur at angles <20° to core axis. Pyrite is finely disseminated and forms 2% of the rock.											
		382.9-384.9 - breccia: this section consists of angular clasts, up to 2cm square, in a light greenish-grey siliceous matrix. The breccia contains 5% finely disseminated pyrite and 5% black tourmaline. The tourmaline is scattered throughout. A 1cm wide chalcedonic quartz vein containing tourmaline lies at 45° to core axis at 485m. A brittle fault gouge sealed with carbonate and quartz occurs between 385.3m and 385.5m.											
		384.9-386.1 brown coloured rock, possibly dacitic in composition (?) contains 10% pyrite. The pyrite occurs finely disseminated and as veinlets and clusters of crystals along healed fractures. Only minor amounts of tourmaline are present here. This section is similar to that from 379.3m to 380.5m.											
		386.1-391.8 - andesite flow breccia: The rock is a mottled brownish and green due to pockets of chlorite and albite (?) alteration. Contains 1% very fine pyrite.											
391.8	393.6	SYENITE Coarse feldspar porphyritic.											
393.6	398.1	GRANITE											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		The rock is medium grained, pinkish grey, and contains only a few subhedral to anhedral feldspar phenocrysts and traces of pyrite. Upper and lower contacts are at 10° to core axis.											
398.1	402.2	ANDESITE FLOW BRECCIA	108	398.10	399.60	1.50	11		541	43	68	0.3	17
			109	399.60	401.10	1.50	13		351	17	86	0.1	21
		Similar to that from 386.1m to 391.8m. several 1cm to 3cm, shallow angle pegmatite dykes intrude the flow. Section contains 3% pyrite.	110	401.10	402.20	1.10	19		290	20	68	0.2	17
402.2	406.5	SYENITE											
		The rock is grey in color, coarse feldspar porphyritic and injected with granite-pegmatite dykes.											
406.5	428.6	PEGMATITIC GRANITE											
		The rock is light cream in color near the top and gradually changes to pink and white. The texture becomes coarser down hole. The granite is hairline fractured and the fractures are oriented in various directions. The core is broken and blocky because of the fracturing.											
		409.4-409.9 inclusion of pyrite bearing andesite.											
		414.1-415.6 inclusion of coarse feldspar porphyritic syenite.											
		415.6-416.9 the pegmatite is brecciated and fractures are filled with white quartz veins, some up to 1cm wide.											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)

ASSAYS

416.9-417.2 porphyritic syenite inclusion.

417.3-417.6 open fracture (at 5° to core axis) is filled with quartz crystals and bundles of tremolite and earthy chlorite.

418.7-419.2 syenite porphyry inclusion.

424.0-426.4 inclusion of pyrite bearing andesite. Contains 5% pyrite.

428.6 END OF HOLE

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
16.00	-54.00	
60.00	-53.00	
106.00	-51.00	
150.00	-51.00	
200.00	-50.00	
243.00	-48.00	
290.00	-48.00	
335.00	-45.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FRCM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)

ASSAYS

DEPTH	INCLINATION	BEARING
380.00	-45.00	
428.60	-41.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9507
Collar Eastings: -2100.00
Collar Northings: 375.00
Collar Elevation: 290.00
Grid: COMTOIS
Claim No.: 5029367

Collar Inclination: -57.00
Grid Bearing: 177.00
Final Depth: 328.60 metres
Test Au-bearing rhyolite
Core size: NQ

Logged by: A. FABER
Date: JAN. 30-FEB. 2, 1995
Down-hole Survey: ACID TEST
Test rhyolite at -150m vertical

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
0.0	15.5	OVERBURDEN (Casing left in hole)												
15.5	28.0	INTERMEDIATE FRAGMENTAL AND LAPILLI TUFF												

(ASSAYS)

Medium greenish brown, fairly distinct fragments of <1cm in thickness by several cm in width. The rock is moderately foliated with a foliation of 53° tca at 17.2m. The rock displays a weak chlorite and 'feldspathic' alteration which are green and medium brown coloured, respectively. The fragmental contains fragments of intermediate volcanic rocks also others such as <1cm felsic fragments and 2cm thick dioritic looking fragments.

Several generations of fractures are filled with chlorite and silica or calcite and quartz. They make less than 2% of the volume. Trace hematite staining is also present within the calcite-quartz injections.

Locally, trace amounts of pyrite are present.

26.8-28.0m The section is massive with minor chlorite alteration. The interval is brownish in colour. No sulphide is present.

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
28.0	30.3	FAULT The fault zone is locally healed and 60% brittle. The fractures are injected with a mix of quartz and chlorite. The very weak foliation varies between 0° and 60° tca. A 40cm interval contains a healed fault breccia with 10% pyrite. The fragments within the fault zone are stretched and matrix supported. The brittle zone has calcite in the fractures. The last meter is light to medium brown, has a fragmented texture with <1% finely disseminated pyrite within the fragments and along the fragment contacts. 10% chlorite and trace dolomite with quartz are also present within this interval.	1	28.00	29.30	1.30	21			573	76	45	0.3	3
30.3	50.6	INTERMEDIATE TO MAFIC FLOWS This interval is still part of a brittle fault. Medium to dark greenish grey, fine to medium grained, with a weak fragmented look. The unit is very broken-up with 65-70% broken pieces from 30.0m to 37.0m and 30% for the rest down to 50.6m. Between the flows, <20cm intervals are filled with 60-70% quartz and the rest being chlorite. These occur at 31.6-31.7m, 33.3-33.4m, 33.8-34.1m, 35.3m (5cm), 35.5-35.8m, and 45.7-46.1m. Minor pyrite is also present with minor	2	44.60	46.10	1.50	9			425	67	20	0.1	1

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		hematite. Chlorite fills minor fractures here and there. The foliation is 50° tca at 37.0m.												
		From 41.5-42.2m a 5mm hematite vein crosscuts the core axis at 10° tca. It also has 20% quartz.												
		From 42.2-43.2m The interval is a healed fault zone without any sulphides. It is chloritic and hematite fills microfractures.												
		27.9-38.0m, 49.8-49.9m Barren white quartz veins.												
		39.5-41.0m Diabase dyke. The dyke is fine to medium grained, dark grey with a pinkish tint. Hematite staining is weak throughout the whole interval. The lower contact is at 50° tca.												
		The lower contact of the flows with the volcanic conglomerate is not clear.												
50.6	73.3	INTERMEDIATE AND FELSIC VOLCANIC CONGLOMERATE												
		Medium grey and green, as both chlorite and a brownish feldspathic alteration are distinct. The fragments are <1cm in thickness and flattened along a foliation of 50° tca at 53.6m and at 67.0m. There is local brecciation and several microfractures are filled with quartz, minor calcite												

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)

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and trace oxidized hematite. From 62.0-66.0m, 2% <2mm fractures are filled with hematite which locally makes as much as 15% of the volume.

51.6-51.75m Barren quartz vein with trace chlorite.

53.4-53.6m, 64.4-64.5m, 73.2-73.3m These intervals contain 40% silica with chlorite. Minor pyrite occurs in these intervals.

69.3-69.4m This interval appears like a small healed fault breccia. It is made of 40% quartz-carbonate filling, 55% chlorite and <5% fine pyrite along the foliation.

One 2mm bleb of chalcopyrite is present with trace pyrite.

73.3 75.1 FRAGMENTED FELSIC VOLCANIC

The felsic rock is made of <5cm fragments. Trace pyrite is present within the rock. The interval is carbonatized (calcite) and weakly sericitized with few <2mm dots of more chloritic fragments. The first 40cm is less carbonatized, and have more chlorite alteration than the rest of the interval.

75.1 88.6 INTERMEDIATE VOLCANIC CONGLOMERATE

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Similar to the interval from 50.6-73.3m. The foliation/ bedding is 45° tca at 85.5m. Few <20cm intervals contain up to 2% fine pyrite along the foliation. Biotite is present in the matrix and within few fragments.												
86.6	93.9	SYENITE DYKE												
		Medium brown with an orange tint; contains 30-35% feldspar phenocrysts. The size of phenocrysts ranges from fine grained to 5mm.												
93.9	100.1	VOLCANIC CONGLOMERATE												
		Similar to the interval from 50.6-73.3m. The foliation/ bedding is 45° tca at 96.3m. From 97.1-97.7m the interval is of the same rock composition, but it is now bleached and more sericitized. There is a brittle/fault zone at the centre of the interval. Minor <1cm chlorite veins occur along the foliation/bedding. There is a zone of bleaching at the interface between the chlorite and feldspathic alteration (albitization). Biotite is present in the matrix and within few fragments.												
100.1	102.0	DIABASE												

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		50% of the dyke is broken up. It is fine to medium grained and hematized. It is dark grey with a weak reddish tint. Minor fractures are filled with quartz and hematite. Few <2mm feldspathic phenocrysts are present.												
102.0	117.0	VOLCANIC CONGLOMERATE												
		Similar to the interval from 50.6-73.3m. The foliation/ bedding is 45° tca at 108.5m. The conglomerate contains clasts which are chloritized and others are feldspathized (albitized) within a feldspathized matrix. The conglomerate is clast supported. The felsic content of the conglomerate increases as we go down the hole. In this interval, there is 5% biotite within the matrix and fragments are biotitic. The clasts are 40% chloritic, 25% felsic and 20% biotite-rich. They are set in a felsic and biotitic matrix.												
		From 115.2-116.4m, The interval contains 5% fine and coarse pyrite along the foliation. Few other <10cm intervals contain 3% fine grained pyrite along the foliation.												
		From 102.6-103.2m, a broken up interval is bleached. The fractures are filled with quartz and chlorite trace injection of quartz and chlorite. There is some sand in the interval, suggesting water movement from the surface.												

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FROM	TO	LITHOLOGICAL DESCRIPTION
117.0	120.2	SYENITE AND DIABASE DYKE

The upper and lower contacts are at 40° tca axis, subparallel to the foliation. From 119.6-120.2m, a diabase dyke is present with contacts along the foliation. From 118.4-119.6m, an interval of volcanic conglomerate is similar to that described from 102.0-117.0m.

FROM	TO	LITHOLOGICAL DESCRIPTION
120.2	134.1	FELSIC FRAGMENTAL

The rock contains 80% felsic fragments, 10% chloritized fragments, and felsic to intermediate fragments. The biotite content of this interval increases down hole up to 5-10% at the contact with the rhyolite. From 124.7-134.1m, the pyrite content is 5% and the pyrite is present as fine and coarse crystals. The pyrite is concentrated as blobs and is rarely disseminated. The pyrite follows the foliation/bedding of 50° tca at 126.8m. Locally, it appears that the pyrite is a replacement mineral in few fragments. Minor <1mm garnet crystals are present in the last 2m of this interval.

From 130.8-133.1m, Syenite dyke is crosscut by a 60cm feldspar pegmatite dyke and three <5cm aplite dykes. The lower contact is at 45° tca.

At 130.0m, A 2cm quartz-chlorite vein is present with <1%

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
3	124.70	126.20	1.50	274			697	35	48	0.5	3
4	126.20	127.70	1.50	372			866	190	65	0.9	3
5	127.70	129.20	1.50	382			780	531	102	1.5	5
6	129.20	130.80	1.60	102			774	200	131	0.8	6
7	133.10	134.10	1.00	76			895	189	222	0.8	15

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		pyrite. Trace garnet is present as part of an alteration halo. The lower contact with the rhyolite is at 55° tca, parallel to the foliation.												
134.1	147.3	RHYOLITE	8	134.10	135.60	1.50	506			224	81	312	0.8	5
			9	135.60	137.10	1.50	95			291	41	54	0.5	3
		Light to medium grey, fine to medium grained rhyolite. A weak foliation appears at 55-60° tca. The rhyolite is highly sericitized and biotitic. Biotite forms darker dots within the rhyolite and along minor interfragmental boundaries. The rhyolite appears fragmented from 134.1m to 140.2m. From 140.2-147.2m, the rhyolite looks like flows divided by few <30cm fragmented layers. Below 147.2m, the rhyolite is fragmented and pyroclastic intervals are also present It is also where the quartz eyes are distinct. The quartz eyes are uniformly distributed and make 2-3% of the volume. They are opaque and grey. The pyroclastic intervals are from 147.0-150.0m (crosscut by a syenite dyke) and 154.6-155.8m. These intervals contain subrounded fragments up to 1cm thick by several cm wide. The pyroclastics also have a little bit more pyrite (interstitial) than the rest of the rhyolite. Trace chlorite is also associated with the biotite. The fractures along the foliation, between fragments, and other surfaces are coated with black chlorite and show slicken slides.	10	137.10	138.60	1.50	2726			477	346	112	4.4	3
			11	138.60	140.10	1.50	367			401	26	40	0.8	1
			12	140.10	141.60	1.50	1711			249	23	82	1.3	1
			13	141.60	143.10	1.50	124			378	9	98	0.4	1
			14	143.10	144.60	1.50	166			351	26	76	0.4	2
			15	144.60	146.10	1.50	289			291	143	50	1.0	1
			16	146.10	147.30	1.20	292			347	383	158	1.2	1

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		There is 2% pyrite uniformly disseminated within the rhyolite. From 134.1-140.3m, the pyrite content locally increases to 5% due to remobilization of pyrite.												
		138.2-138.9m, Syenite dykes.												
147.3	153.8	SYENITE WITH RHYOLITE INTERVALS AND DIABASE	64	152.80	153.80	1.00	8			737	12	65	0.1	5
		The syenite is porphyritic and pink in colour. It is magnetic. From 150.6-153.8m, the syenite is crosscut by a 1.1m diabase and a 20cm brittle fault zone at 151.8m. A rhyolite inclusion with up to 2% pyrite occurs from 149.6-150.6m.												
153.8	159.3	FRAGMENTED RHYOLITE WITH SYENITE AND DIABASE DYKES	17	153.80	154.80	1.00	5067	6.27	4.83	309	597	185	6.1	3
			18	154.80	155.80	1.00	10000	23.93	18.34	308	631	188	5.6	2
		From 153.8-154.6m, the rhyolite contains up to 5% disseminated pyrite. Below 156.4m, the fragmented rhyolite shows a dot texture with the increase in biotite content. The pyrite content reaches 5%. 1% quartz eyes are up to 3mm in diameter.	65	155.80	157.30	1.50	25			684	41	103	0.1	5
			19	157.30	158.60	1.30	3810	7.99		316	907	651	4.1	1
			66	158.60	159.30	0.70	54			731	40	217	0.3	13
		155.8-157.3m Syenite dyke												
		157.7-158.0m The interval is all broken up (brittle fault)												

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		158.6-159.2m Diabase. Light to medium green, fine grained diabase.												
		159.2-159.3m Syenite dyke, weakly foliated, contains some magnetite.												
159.3	159.9	ZEBRA-TEXTURED ROCK This unit shows a moderate shearing and more intense fluid movement in the system. The rock has a zebra texture due to feldspar and/or sericite filling extention microfractures. The nature of the rock is hard to recognize, but the presence of 1-2% undeformed quartz eyes may suggest a rhyolite. The rock is highly strained and microfractured. The microfractures are filled with quartz, sericite, and 5% red hematite. There is 1-2% finely disseminated pyrite throughout the interval. The foliation throughout the interval is 50° to 55° tca. The rock shows 10 volume percent of microfractures.												
159.9	162.2	SYENITE AND DIABASE Syenite dyke, weakly foliated with some magnetite.												

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		161.6-161.7m Diabase. Light to medium green, fine grained.												
		161.7-162.2m Foliated syenite dyke with a foliation of 42° tca.												
162.2	164.8	ZEBRA-TEXTURED ROCK	20	161.70	163.40	1.70	9			263	17	33	0.1	1
			21	163.40	164.80	1.40	6			230	11	27	0.1	1
		Similar to interval described from 159.3-159.9m.												
		From 164.4-164.8m, the microfracture content increases to 50% of the interval. As the microfracture content increases, the sericite content also increases to completely fill the microfractures. Minor hematite in the microfractures.												
		A 7mm white quartz veins with a hematite along its contacts occurs parallel to the core axis in the interval from 163.2-163.3m.												
164.8	167.5	SYENITE												
		Syenite dyke, weakly foliated, minor magnetite.												
167.5	171.3	ZEBRA-TEXTURED ROCK	22	167.50	168.50	1.00	16			134	10	24	0.1	1
			23	168.50	170.00	1.50	15			174	12	25	0.1	2
		Similar to interval described from 159.3-159.9m.	24	170.00	171.30	1.30	24			205	9	26	0.1	1

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		From 167.5-173.1m, the microfracture content increases to 50% and can reach 90% in few intervals. From 167.5-168.1m, the high concentration of microfractures is associated with a 10cm vein. As the microfracture content increases, the sericite content also increases to completely fill the microfractures. Minor hematite also occurs along the microfractures.												
		167.8-167.9m, 168.9-169.5m(15° tca) White quartz veins with hematite on contacts with the host rock. The veins contain minor chlorite and trace pyrite.												
		A 7mm white quartz vein with hematite on the contacts with the host rock follows the core axis in the intervals from 168.0-170.5m.												
171.3	173.1	SYENITE												
		Similar to interval from 164.8-167.5m												
173.1	175.0	ZEBRA-TEXTURED ROCK	25	173.10	174.00	0.90	10			244	7	21	0.1	1
		Similar to interval described from 159.3-159.9m.	26	174.00	175.00	1.00	11			231	9	23	0.1	1
		The microfracture content is 10%-15% of the volume.												

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
175.0	176.6	DIABASE												
		Diabase. Dark green and fine grained.												
		175.0m 1cm white quartz vein similar to 167.8-167.9m.												
176.6	183.2	ZEBRA-TEXTURED ROCK	27	176.60	178.10	1.50	11			237	8	30	0.1	1
			28	178.10	179.60	1.50	7			513	13	67	0.1	3
		Similar to interval described from 159.3-159.9m.	29	179.60	181.10	1.50	6			252	6	26	0.1	1
			30	181.10	182.10	1.00	7			260	28	27	0.1	1
		The microfracture content is 10%-15% of the volume.	31	182.10	183.20	1.10	7			263	7	32	0.1	1
		178.0-181.8m 2% red hematite along secondary fractures, subparallel to the foliation.												
		178.3-178.5m Diabase. Dark green and fine grained.												
		178.5-178.9m(15° tca), 181.5m(1cm) White quartz veins similar to 167.8-167.9m at 15° tca.												
183.2	189.3	SYENITE AND DIABASE DIKES	67	188.30	189.30	1.00	13			720	27	90	0.1	6
		185.7-186.5m Inclusion of zebra-textured rock												

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		186.3-186.5m Diabase. Dark green and fine grained.												
		188.4-189.3m Diabase. Light to medium green, fine grained.												
189.3	192.0	RHYOLITE FRAGMENTAL	32	189.30	190.80	1.50	1223			367	355	313	1.7	2
			33	190.80	192.00	1.20	4887	5.73		274	1819	525	7.6	1
		The fragmental is medium grey, contains 1% dark grey quartz eyes, and is made of fragments that are up to 2cm long by several cm wide. A weak foliation of 50° tca is at 190.0m. Few <15cm fragments are present containing quartz eyes. The rock is altered with sericite and biotite, with contents of 15% and 10%, respectively. The rhyolite fragmental contains up to 3% finely disseminated pyrite and one interval containing 2mm blebs of 10-15% pyrite from 191.3-191.5m. Minor fractures are filled with black chlorite and rarely with some quartz-calcite. Minor (orange) <1mm garnet crystals are present and uniformly distributed. The fragmental texture is enhanced by the biotite and sericite alteration.												
192.0	194.9	SYENITE DYKE	68	192.00	193.00	1.00	5			747	5	55	0.1	4
		Similar to interval from 164.8-167.5m												
194.9	197.6	RHYOLITE FRAGMENTAL	34	194.90	196.30	1.40	468			378	484	124	1.2	2

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			35	196.30	197.60	1.30	302			454	341	329	0.9	1
		The rhyolite is similar to the interval described from 189.3-192.0m.												
197.6	199.8	SYENITE DYKE												
		Similar to interval from 164.8-167.5m												
199.8	204.9	RHYOLITE FRAGMENTAL	36	199.80	201.40	1.60	267			381	335	611	0.8	3
			37	201.40	203.00	1.60	2549			327	1365	366	4.8	1
		The rhyolite is similar to the interval described from 189.3-192.0m. A weak foliation of 55° tca was measured at 200.0m. The rhyolite fragmental contains up to 3% finely disseminated pyrite and 2mm blebs of pyrite. Few intervals contains up to 10-15% pyrite (202.8-202.9m and 204.4-204.5m).	38	203.00	204.90	1.90	1228			322	567	414	1.6	2
204.9	213.6	SYENITE AND DIABASE DYKES	69	204.90	205.90	1.00	5			413	39	63	0.1	5
		204.9-206.2m Diabase. Medium to dark green, fine grained.												
		206.2-206.4m Rhyolite fragmental												
		206.4-213.6m Syenite dyke. 10% amphibole, 35% <6mm feldspar phenocrysts and minor magnetite.												

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
213.6	220.9	RHYOLITE	39	213.60	215.10	1.50	270			350	331	806	1.2	17
			40	215.10	216.60	1.50	635			444	402	475	1.6	32
		The rhyolite is fragmented. The rock is altered with	41	216.60	218.10	1.50	571			434	193	283	1.0	4
		sericite and biotite. The rhyolite is light to medium grey,	42	218.10	219.60	1.50	155			508	161	498	0.5	12
		with the biotite domain being darker and making up to 25% of	43	219.60	220.90	1.30	417			427	140	338	0.9	5
		the volume. 1-3% <1mm blue quartz eyes are uniformly distributed throughout the interval. 1-2% finely disseminated pyrite with minor blebs, up to 3mm, are present. 2% <3mm fractures are filled with green chlorite and are subparallel to a weak foliation of 50° tca throughout the interval.												
220.9	232.3	SYENITE												
		The syenite is porphyritic and similar to the previous ones. It is also magnetic. There is different injections of syenite which are defined by sharp contacts. The lower contact with the rhyolite is at 45° tca, perpendicular to the foliation of the rhyolite.												
232.3	250.5	RHYOLITE WITH SYENITE AND DIABASE DYKES	44	232.30	233.80	1.50	294			295	156	1437	1.0	195
			45	233.80	235.30	1.50	79			315	66	471	0.5	47
		This rhyolite is fragmented, where fractures are	46	235.30	236.80	1.50	126			336	68	303	0.6	48
		filled with black chlorite and fine grained pyrite. The	47	236.80	238.30	1.50	222			343	130	143	0.6	18
		interval is similar to the last rhyolite interval. The	48	238.30	239.80	1.50	117			380	244	100	0.6	14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		differences lie in the increase of green chlorite in fractures to 3-4%; in the increase of pyrite to 3% with more pyrite as replacement in fragments. Minor pyrrhotite and magnetite are also present. From 250.4-250.5m and 253.65-253.7m, the intervals contain 50% fine grained pyrite. At 250.5m, there is a concentration of pyrite at the contact with the syenite. The foliation of this rhyolite unit is 50° tca.	49	239.80	241.30	1.50	307			345	699	58	1.6	1
			50	241.30	242.80	1.50	135			486	199	52	0.5	3
			51	242.80	244.30	1.50	358			364	485	126	1.1	16
			52	244.30	245.80	1.50	898			317	131	99	1.0	9
			53	245.80	247.30	1.50	370			426	117	93	0.6	6
			54	247.30	248.80	1.50	244			544	158	142	0.5	8
			55	248.80	250.50	1.70	1417			494	177	623	2.1	14
		At 236.5m, sphalerite and galena(?) are present in a 1mm fracture.												
		245.6-248.9m Rhyolite fragmental with a foliation of 30° tca.												
		241.3-241.9m, 239.8-239.9m Diabase dyke.												
		242.3-242.6m Syenite dyke.												
250.5	251.9	SYENITE DYKE	70	250.50	251.90	1.40	30			697	6	71	0.2	6
		The syenite is porphyritic and magnetic.												
251.9	254.6	RHYOLITE	56	251.90	253.80	1.90	3155	4.01		344	217	394	3.5	21
		Similar to the interval described from 232.3-250.5m.												

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FROM	TO	LITHOLOGICAL DESCRIPTION
254.6	328.0	SYENITE AND DIABASE DYKES WITH RHYOLITE INCLUSIONS

254.9-255.4m Diabase dyke. Fine to medium grained, medium to dark green and weakly chloritized.

255.4-256.4m Rhyolite fragmental containing 1% <2mm quartz eyes and 1% fine pyrite along a foliation of 42° tca. The interval is sericitized and highly biotitic. A 7cm pegmatite vein crosscuts the rhyolite.

256.4-270.2m Syenite dykes. The feldspar phenocryst content varies from 10-20% and the colour varies from a pinkish grey to a greyish pink. Different injections of syenite are defined by sharp contacts and hematite alteration occurs in places. The syenite is crosscut by at least 2 generations of <3cm acid pegmatite dyke.

270.2-270.9m Diabase dyke. It is fine grained. The medium green colour is due to moderate chloritization.

270.9-271.1m Rhyolite. The rock has a fragmented look with 2% fine pyrite and minor <2mm quartz eyes.

271.1-272.2m Syenite. Similar to the interval from 256.4-270.2m.

272.2-273.9m Rhyolite. It is a fragmented rock with 2% pyrite and quartz eyes. The foliation is 42° tca. The

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
57	253.80	254.90	1.10	1352			281	214	162	1.8	1
71	254.90	255.40	0.50	22			370	37	76	0.1	5
58	255.40	256.40	1.00	145			566	107	173	0.5	7
59	272.20	273.90	1.70	458			680	143	113	0.7	5
60	286.10	288.00	1.90	188			702	146	132	0.5	3
61	290.40	291.50	1.10	246			762	176	150	0.6	4
62	294.40	295.70	1.30	257			681	171	541	0.8	70
63	298.10	299.40	1.30	159			678	250	300	0.6	24

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		alteration minerals are sericite, and minor green chlorite. The rhyolite is biotitic.												
		273.9-282.5m Syenite dyke. Similar to the interval from 256.4-270.2m. There is a 10cm fragment of rhyolite at 278.9m with sharp contacts which follow more or less the foliation.												
		282.5-283.3m Rhyolite. Similar to the interval from 272.2-273.9m.												
		283.3-286.1m Syenite. Similar to the interval from 256.4-270.2m.												
		286.1-288.0m Rhyolite. Medium grey fragmented rhyolite. It contains 3% finely disseminated pyrite with minor pyrrhotite and magnetite. <1% <2mm quartz eyes are also present.												
		288.0-290.4m Syenite												
		290.4-291.5m Rhyolite with 2% fine pyrite.												
		291.5-294.4m Syenite												
		294.4-295.7m Rhyolite with 2% fine pyrite.												
		295.7-298.1m Syenite with a 20cm inclusion of rhyolite.												

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)

ASSAYS

298.1-299.4m Rhyolite with 2% fine pyrite and minor green chlorite. The rock is sericitic and biotitic.

299.4-309.7m Syenite with rhyolite inclusions from 300.7-301.1m and 305.5-306.0m.

309.7-328.0m Coarse grained syenite. The rock is light pinkish orange and 100% crystalline, with feldspar crystals up to 15mm in diameter and is light pinkish orange. It contains 10-15% hornblende and biotite. The rock is magnetic and contains trace sulphide. Locally, the syenite shows <2cm healed fault breccia with rounded syenite fragments and hematite stain.

END OF HOLE

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
15.20	-57.00	
61.00	-56.00	
106.70	-56.00	
152.40	-57.00	

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)

DEPTH	INCLINATION	BEARING
198.00	-58.00	
244.00	-58.00	
292.00	-59.00	
328.60	-60.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9508
Collar Eastings: -1900.00
Collar Northings: 415.00
Collar Elevation: 290.00
Grid: COMTOIS
Claim No.: 5029368

Collar Inclination: -55.00
Grid Bearing: 180.00
Final Depth: 393.50 metres
Test Au-bearing rhyolite
Core size: NQ

Logged by: M. KOZIOL
Date: FEBRUARY 3-6, 1995
Down-hole Survey: ACID TEST
Test rhyolite at -220m vertical

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
							ASSAYS					
0	3.0	OVERBURDEN (CASING LEFT IN HOLE)										
3.0	62.8	INTERMEDIATE FRAGMENTAL AND TUFF The rock is green in colour and bedded. Bedding in the tuff units ranges from 1mm to 2cm. The tuff is interbedded with lapilli tuff and coarser fragmental beds. The fragmental units are made up of 40% andesitic clasts in a chlorite-biotite andesite tuff. Clasts are aligned parallel to bedding with only minor stretching parallel to foliation; bedding and foliation are parallel. Bedding at 26m is 40° tca: also 40° at 35m. A few 5cm to 10cm vuggy white quartz veins cut the core at 60° to core axis. The veins contain minor chlorite and epidote. Minor amounts of epidote occur along late fractures. Pyrite occurs in minor amounts scattered at random as individual crystals. Tuff/lapilli tuff to coarse fragmental ratio is 2:1. 13.8-14.8m The core is bleached and broken; at 14.1m and 14.6m there are narrow (10cm) fault breccias that cut the foliation at 90° and 40° to the core axis. There is a 2cm white quartz vein and some epidote and chlorite veining										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		associated with the fault.										
		20.0-62.8m Mainly tuff interbedded with fine volcaniclastic sediments and narrow (up to 5cm) bands of chert. Chert forms approximately 5%. The tuff is chloritized. Garnet, crystals up to 2mm, are associated with some chloritized fractures and along foliation planes. Garnet makes up 1%. Some of the grey volcaniclastic sediment beds are magnetic, due to very fine disseminated magnetite. Foliation parallels bedding. At 51m the foliation is 40° to core axis.										
		28.0-29.6m The core is broken and blocky.										
		49.9-50.6m Core is broken and blocky.										
		61.2-62.8m Core is blocky, resulting from nearby fault.										
62.8	65.8	FAULT ZONE	1	62.80	64.30	1.50	5	797	46	120	0.1	3
			2	64.30	65.80	1.50	5	685	44	125	0.1	3
		The fault is a brecciated tuff unit that was infilled with chlorite, fine ground rock, carbonate, minor quartz, epidote and minor hematite. Some of the chloritized fractures near the boundaries of the breccia have slickenslide surfaces and occur at 45° to core axis. Minor amounts of pyrite are disseminated within the fault zone.										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
65.8	72.5	INTERBEDDED CHERT AND CALC-SILICATE SEDIMENTS (FE-FORMATION ?) This unit consists of grey chert bands, up to 5cm thick, interbedded with green chlorite-tremolite bands and silty sediments. The chert beds in places are discontinuous and broken up (soft sediments deformation) and others are intact and lie at 40° to core axis. The chlorite-tremolite beds are also up to 5cms thick and display similar soft sediment deformation as the chert. Very fine magnetite, which form 3% of the rock, occurs as narrow rings surrounding the calc-silicate rich fragments and between the chert and calc-silicate beds. The ratio of chert to chlorite-tremolite to siltstone is approximately 1:1:1. There is some hematite staining along a few calcite veins from 68.0m to 68.7m. Bedding/foliation angles at 71.9m are 40° to core axis.										
72.5	75.3	DIABASE DYKE The rock is grey in colour, massive, magnetic and contains 1mm to 5mm inclusions of chloritized volcanic rock (5%).										
75.5	126.6	INTERMEDIATE TUFF AND FINE SEDIMENTS Similar to that from 20.0m to 62.8m. Bedding/foliation angles at 96m are at 40° to core axis. Chert beds make up 10% of the interval; these are 1cm to 5cm thick. Tuff beds are from	3	110.90	112.50	1.60	26	662	35	62	0.1	8

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9508

FROM	TO	LITHOLOGICAL DESCRIPTION
		0.1cm to 1cm thick. The sedimentary units are also bedded, and fine grained. They are silt or very fine sand, and beds are up to 2cm thick. Fine disseminated magnetite is scattered throughout the tuff and sediment, forming about 3%. Few beds contain very fine disseminated pyrite. The lower most two metres of the interval are broken and blocky due to adjacent fault. Bedding/foliation at 121.0m is 40° to core axis.
		112.1-112.5m Silicate-oxide-carbonate iron formation. Green in colour, mottled texture, contains 5% fine magnetite. Trace amounts of pyrite in the iron formation.
		90.8-91.6m Diabase dyke; upper contact is uneven at approximately 80° to core axis.
126.6	131.0	FAULT ZONE
		The upper 1.4m consists of a gouge zone that is epidotized and hematitized. The lower portion of the fault zone consists of brecciated tuff beds, silicified mylonitic sections that lie at 20° to core axis, and a 30cm quartz-tourmaline vein that occurs at 80° to core axis and cross cuts the mylonitic fabric. The vein contains 1% pyrite occurring as coarse clusters. Tourmaline makes up 20% of the vein. Fine disseminated pyrite occurs in only minor amounts within the fault zone. Towards the bottom of the interval there is some chloritization and minor carbonate associated with the

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
4	126.60	128.00	1.40	5	262	42	11	0.1	
5	128.00	129.50	1.50	5	341	12	31	0.1	2
6	129.50	131.00	1.50	5	613	28	28	0.1	4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb(ppm)
		chlorite. Sections of the fault, towards the bottom of the interval are strongly magnetic.										
131.0	138.2	INTERMEDIATE TUFF AND CHERT BEDS. Chert makes up to 20% of this section occurring in beds that are <1cm in width. Three quartz-tourmaline veins, 15cm, 5cm and 1cm in width occur in this interval. They are barren of sulphide mineralization. Bedding/foliation angles are at 15° to core axis. The core is strongly magnetic.										
138.2	140.1	PINK SYENITE The rock is medium grained, purplish grey, massive and weakly magnetic										
140.1	142.4	INTERMEDIATE TUFF AND CHERT Similar to that from 131.0m to 138.2m.										
142.4	145.8	PINK SYENITE Similar to above. The upper contact is subparallel to foliation at 40° to core axis. The lower contact is at 70° to										

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9508

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		core axis and 30° to foliation/bedding.										
145.8	191.0	INTERMEDIATE TUFF AND GREYWACKE										
		The unit consists of alternating green tuff and brown greywacke beds which range in width from 1mm to 2cm. The greywacke to tuff ratio is approximately 1:1. The greywacke is fine grained and some of the beds display graded bedding. Bedding at 160m is 40° to core axis. Toward the bottom of the interval, the tuff contains coarse intermediate fragmental beds.										
		176.0-179.0m Bed of coarse felsic fragmental is interbedded with the tuff. The fragmental bed contains 1% to 3% fine pyrite along bedding/foliation. Fragments are rhyolitic in composition and contain grey quartz eyes (up to 1mm). Some of the tuff matrix is recrystallized to chlorite tremolite.										
		185.0-187.0m Bed of coarse felsic fragmental.										
		151.8-155.4m Core is broken due to fracturing. The fractures are filled with pink calcite. At 151.0m, there is a micro fault along a 1mm fracture at 30° to core axis and 80° to bedding.										
191.0	203.0	ANDESITE										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Rock is grey-green in colour, weakly foliated, uniform texture and composition (flow). It Contains oval shaped pockets of chlorite, these form 5%. A brown tinge is caused by 10% biotite disseminated along foliation. This flow is similar to hanging wall andesite recognized in holes COM9506 and 9507.										
203.0	219.3	VOLCANIC CONGLOMERATE (INTERMEDIATE FRAGMENTAL)										
		Rock consists of greyish-green tuff matrix that is host to chloritized intermediate volcanic, grey felsic (rhyolite ?), and brown biotite rich fragments. The fragments are stretched parallel to foliation, 5:1 long axis:width, and make up 70% of the rock. Foliation parallels bedding and at 215m is 35° tca.										
		208.0-209.0m Diabase dyke: grey coloured and massive. Upper and lower contacts are uneven at 10° to core axis.										
		218.9-219.2m Syenite: coarse feldspar porphyritic. Contacts are uneven and unlike in other holes, cut the foliation.										
219.3	231.5	FELSIC FRAGMENTAL	7	219.30	220.80	1.50	20	594	25	58	0.1	5
			8	220.80	222.30	1.50	10	418	27	52	0.1	5
		(Similar to hanging wall fragmental in hole 9405)	9	222.30	223.80	1.50	5	611	13	66	0.1	5

FROM	TO	LITHOLOGICAL DESCRIPTION
		This unit consists of 70% rhyolitic and 10% chloritic (intermediate ?) fragments in a chlorite-biotite tuff. Fragments range in size from 1mm to 5cm in width and are elongated parallel to foliation. The clasts are stretched to approximately 5:1. Some of the fragments contain small quartz eyes and others are sericitized and contain disseminated pyrite. The chloritic clasts also contain minor amounts of pyrite. Foliation parallels bedding and is at 40° to core axis. Pyrite makes up 3% to 5% of the rock and occurs mainly as fine crystals disseminated in the matrix, parallel to foliation. Approximately 1% of the pyrite occurs within the clasts. 221.1-221.7m Diabase dyke: Grey-green, fine grained, massive. Upper and lower contacts are sub-parallel to foliation.
231.3	232.8	SYENITE Coarse feldspar porphyritic, purplish groundmass with feldspars up to 1cm. Rock is magnetic. Upper contact is at 45° to core axis and sub-parallel to foliation. Lower contact is uneven.

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
10	223.80	225.30	1.50	5	634	17	67	0.1	3
11	225.30	226.80	1.50	21	583	21	78	0.1	5
12	226.80	228.30	1.50	12	674	38	87	0.1	4
13	228.30	229.80	1.50	23	611	12	73	0.1	2
14	229.80	231.30	1.50	59	663	49	77	0.1	4

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9508

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb(ppm)
232.8	237.0	FELSIC FRAGMENTAL	15	232.80	234.30	1.50	19	648	65	92	0.1	7
			16	234.30	235.80	1.50	28	692	50	73	0.1	4
		Similar to above. Contact with underlying syenite is at 35° to core axis.	17	235.80	237.00	1.20	9	820	48	61	0.1	6
237.0	238.8	SYENITE										
		Coarse feldspar porphyritic, magnetic.										
238.8	242.8	INTERMEDIATE FRAGMENTAL										
		Core is broken and blocky. The chloritic mafic clasts form up to 50% and the felsic clasts <30%. Only minor amounts of pyrite are present in this section. Bedding/foliation is at 40° to core axis.										
242.8	251.2	SYENITE	18	247.80	249.30	1.50	13	848	22	110	0.1	4
		Coarse feldspar porphyritic and magnetic. Upper and lower contacts are at 40° to core axis.										
		247.8-249.3m Inclusion of intermediate fragmental that contains 3% to 5% pyrite. Some of the fragments and tuff matrix contain fine blades of black amphibole (tourmaline ?),										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		3%. Two, 5cm wide, white quartz veins cut the foliation at 70° and lie at 70° to core axis. The veins contain pockets of chlorite and are chloritized along the contacts.										
251.2	251.8	INTERMEDIATE FRAGMENTAL										
		Similar to that of 238.8-242.8m.										
251.8	252.6	RHYOLITE	19	251.20	252.60	1.40	128	814	46	1454	0.4	6
		Light grey colour. Foliated at 50° to core axis, sericitized, biotitic (5%), and contains 1% to 3% fine disseminated pyrite. In places has a fragmented texture, probably a flow. Contact with fragmental is conformable at 40° to core axis. Lower contact is also at 40° to core axis.										
252.6	256.4	SYENITE										
		This is a grey coloured rock that contains 20% feldspar phenocrysts. The feldspar phenocrysts are up to 1cm in size and white in colour.										
256.4	261.6	RHYOLITE	20	256.40	258.10	1.70	223	366	149	1248	1.0	
			21	258.10	259.80	1.70	126	365	15	1791	0.6	3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Similar to above. The interval has three 1mm veinlets at 30° to core axis (cross cutting foliation). Fractures have 1cm wide bleach zones on either side. The section also contains 5% chlorite in cavities in the brecciated rhyolite. There are two 1mm and 3mm pyrite veinlets that have biotite halos associated with them. There is some hematite staining associated with narrow fractures. Total sulphide content is estimated at 2%, mainly very fine, disseminated pyrite. Foliation angles at 260.0m are at 50° to core axis.	22	259.80	261.60	1.80	224	466	54	3100	0.6	
		260.9-261.2m Syenite dyke: coarse feldspar porphyritic, pinkish colour, few fractures contain hematite.										
261.6	264.7	SYENITE										
		The syenite is pinkish in colour, coarse grained, and locally fractured. Fractures are filled with hematite and narrow calcite and quartz-calcite veins. The syenite also contains minor amounts of disseminated pyrite.										
264.7	277.6	ALTERED (FAULTED) RHYOLITE	23	264.70	266.20	1.50	115	456	42	1518	0.5	
			24	266.20	267.70	1.50	331	474	116	3845	0.7	2
		The rhyolite is bleached, and locally has a reddish tinge due to hematite. It is microfractured and fractures are coated with hematite, locally up to 2mm thick. The hematite filled fractures make up 5%. Some fractures also carry quartz veins	25	267.70	269.20	1.50	401	408	114	2425	0.5	
			26	269.20	270.70	1.50	157	529	78	1029	0.5	2
			27	270.70	272.20	1.50	532	547	167	3903	0.9	
			28	272.20	273.70	1.50	461	510	345	4229	1.1	3

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9508

FROM	TO	LITHOLOGICAL DESCRIPTION
		up to 0.7cm and small crystals of tourmaline are associated with the veins. Pyrite occurs finely disseminated, forming 2% to 5%, and associated with the fractures. The fractures crosscut the foliation at various angles. The foliation varies from 55° at 265m to 30° at 270m, and 45° at 282m. At 273.2m 1mm fractures contain tourmaline and few specks of chalcopyrite. Foliation is at 30° and one fracture parallels foliation, the other cuts the core axis at 15° and the foliation at 20°. 265.5-266.2m Syenite dyke, coarse feldspar porphyritic, reddish colour due to hematite staining. Fractured and hematite coated along fractures. 274.4-276.0m Syenite dyke: brick red matrix with coarse feldspar phenocrysts making up 20%. Syenite is hematitic along healed fractures. Upper contact is parallel to foliation at 40° tca and the lower contact is a fault breccia. 269.4-269.9m Syenite, coarse porphyritic, fractured, hematitized. 276.0-277.0m Fault breccia, sealed with silica and contains chlorite, sericite, minor biotite, 5% tourmaline and 3% to 5% fine disseminated pyrite. There is an alignment at 60° to core axis of the fault breccia.

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb(ppm)
29	273.70	274.40	0.70	206	548	135	5801	0.8	3
30	274.40	276.00	1.60	6	725	26	100	0.1	3
31	276.00	277.60	1.60	585	684	352	83	1.1	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9508

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb(ppm)
277.6	278.7	FELSIC FRAGMENTAL	32	277.60	278.70	1.10	1719	948	74	118	1.1	
		This unit consists of 40% felsic fragments in a chlorite-biotite tuff. The fragments are elongated parallel to foliation at 45° to core axis. The fragmental, locally is hematitic with hematite occurring parallel to foliation. Tourmaline occurs in veins up to 2mm, subparallel to foliation. Fine disseminated pyrite forms 5% of this interval and occurs as very fine crystals along foliation and a minor amount is associated with the tourmaline veins.										
278.7	283.8	ALTERED RHYOLITE	33	278.70	280.40	1.70	1083	467	198	1223	1.1	
			34	280.40	282.10	1.70	479	443	122	58	0.5	
		The alteration is similar to that described from 264.7m to 277.6m, and the intensity of alteration decreases towards the bottom of the interval. Blue quartz eyes, not identified above, form 3% to 5% and are up to 1mm in size. Pyrite content of this section is estimated at 3%.	35	282.10	283.80	1.70	587	404	310	68	0.5	
283.8	290.3	SYENITE										
		Coarse feldspar porphyritic. The upper 1.0m is reddish colour, and broken into 5cm to 10cm blocks. Moving down section, the rock is more competent and grey and pinkish grey										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		in colour. Lower contact is at 45° to core axis. Syenite is magnetic.										
290.3	295.6	RHYOLITE	36	290.30	292.00	1.70	187	449	270	425	0.4	
			37	292.00	293.80	1.80	215	207	203	164	0.3	
		This is a grey coloured, uniform composition rock that is weakly foliated at 45° to core axis. Biotite and minor chlorite occur along the foliation and form 5%. Fine disseminated pyrite occurs parallel to foliation and forms 2% to 3%. Grey and blue-grey quartz eyes up to 1mm in size form 3% to 5% of the rock. Rhyolite is probably a foliated flow. Few fine pyrite-bearing fractures cut the core axis at 30° and at low angles to foliation.	38	293.80	295.60	1.80	387	259	222	215	0.5	
295.6	307.5	SYENITE	39	299.20	300.50	1.30	148	594	610	74	0.2	
		The rock is purple in colour, coarse feldspar porphyritic. Feldspars form 20% and are up to 0.8cm in size. The syenite is magnetic.										
		299.2-300.5m Inclusion of blue quartz eyed rhyolite. Rhyolite is foliated at 30° to core axis and disseminated pyrite and minor chalcopyrite occur along these fractures. Total sulphide content is 5%. A 1mm quartz-tourmaline vein cuts the core axis at 40° and contains 1% pyrite.										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		303.7-303.9m inclusion of "zebra rock".										
307.5	311.4	ZEBRA-TEXTURED ROCK (MICROFRACTURED SYENITE?)	40	307.50	308.80	1.30	13	312	10	37	0.1	2
			41	308.80	310.10	1.30	30	391	9	35	0.1	3
		This unit shows a moderate shearing and more intense fluid movement in the system. The rock has a zebra texture. The nature of the rock is hard to recognize, but the presence of 1-2% undeformed quartz eyes may suggest a felsic volcanic rock. The rock is highly strained. Because of its hardness, the strain created several microfractures filled with quartz, sericite, and 5% red hematite. There is 1-2% finely disseminated pyrite throughout the interval. The rock shows 10 volume percent of microfractures.	42	310.10	311.40	1.30	6	304	19	29	0.1	2
311.4	315.3	SYENITE										
		Coarse grained, feldspar porphyritic, magnetic.										
315.3	318.0	ZEBRA-TEXTURED ROCK	43	315.30	316.70	1.40	5	350	9	41	0.1	
		Similar to that from 307.5-311.4m.	44	316.70	318.00	1.30	37	878	110	692	0.2	5
318.0	320.1	SYENITE										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Coarse grained, feldspar porphyritic, magnetic.										
320.1	322.3	PYRITIC RHYOLITE	45	320.10	321.20	1.10	484	190	19	102	2.7	5
			46	321.20	322.30	1.10	960	317	55	2076	0.9	3
		This section of quartz-eyed rhyolite contains 30% pyrite. The pyrite occurs disseminated parallel foliation (bedding) and forms bands up to 5cm thick of semi-massive pyrite. The bands occur at 40° to core axis and some contain minor amounts of chlorite. Very narrow, discontinuous silica (chert) bands form <5%. Small grey quartz eyes form 3% and are stretched parallel to foliation. Upper contact is at 35° to core axis. Contact with the underlying rhyolite is gradational at 40° to core axis.										
322.3	324.9	RHYOLITE	47	322.30	323.60	1.30	574	439	57	2073	0.4	9
			48	323.60	324.90	1.30	55	627	26	872	0.4	9
		Blue quartz-eyes form 3% and biotite along foliation forms 10%. Irregular shaped veins and pods of chlorite are present. Pyrite forms 3% of the interval and occurs finely disseminated and discontinuous veinlets. Lower contact with syenite is at 45° tca.										
324.9	326.9	SYENITE										
		Rock is reddish coloured, feldspar porphyritic and brecciated										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		at the bottom of the interval. Contains several narrow white quartz veins and a 10cm section of breccia filled with quartz.										
326.9	330.9	FAULT ZONE	49	326.90	328.40	1.50	39	661	24	192	0.3	
			50	328.40	330.90	2.50	64	617	63	102	0.1	
		Fault cuts rhyolite and diabase dyke. Rhyolite is brecciated and ground to a gouge. The diabase is fractured and broken. Pyrite forms 3% and minor amounts of chalcopyrite are present. Hematite forms 5%. Approximately 1m of core is lost between 328.4m and 331.0m.										
330.9	338.3	RHYOLITE	51	332.50	334.00	1.50	60	297	14	764	0.3	2
			52	334.00	335.50	1.50	134	449	35	4151	0.4	
		330.9-332.5m The rhyolite is similar to that from 322.3-324.9m.	53	335.50	337.00	1.50	120	652	69	955	0.4	
			54	337.00	338.30	1.30	29	435	33	137	0.1	
		331.0-331.5m Diabase dike. Green, fine grained, massive.										
		332.5-338.3m Rhyolite is sericitic, chloritic and hematite gives it a pinkish colour. Hematite also fills hairline fractures, forming approximately 5% in the upper 2m and decreasing down the interval. Pyrite forms narrow veinlets along healed fractures and occurs finely disseminated, forming 3% to 5%. Minor amounts of tourmaline are present associated with some fractures. Foliation angles at 347m are										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		at 40° to core axis. The rhyolite is light to medium grey due to biotite which is medium grey and covers 20% of the surface. The rhyolite also contains 1% blue quartz eyes, up to 2mm in size.										
		335.8-336.3m Diabase dyke										
338.3	342.8	SYENITE WITH A RHYOLITE INCLUSION	55	339.00	340.30	1.30	35	462	62	131	0.3	
		The syenite contains 15%, <5mm, feldspar phenocrysts in a fine matrix. The syenite is reddish brown due to hematite staining. Hematite is also present within few <2mm fractures which lie at 30° tca. The syenite is magnetic. The upper and lower contacts are 50° and 30° tca, respectively.										
		339.0-342.8m Rhyolite inclusion similar to the interval described from 332.5-338.3m.										
342.8	357.5	RHYOLITE	56	342.80	344.30	1.50	66	403	60	998	0.4	4
			57	344.30	345.80	1.50	83	391	28	220	0.3	
		The rhyolite is medium grey, as the biotite alteration covers 30-40% of the surface of the core. The rhyolite is sericitized with minor chlorite. 1% <1mm garnet crystals and 2% <2mm quartz eyes are also present. Five <1cm hematite-rich (50-60%) intervals occur parallel to the foliation. The rhyolite is massive and possibly fragmented. 3-5% pyrite is	58	345.80	347.30	1.50	163	343	108	315	0.6	3
			59	347.30	348.80	1.50	302	368	132	618	0.4	
			60	348.80	350.30	1.50	38	573	34	202	0.4	5
			61	350.30	351.80	1.50	180	497	69	891	0.6	12
			62	351.80	353.30	1.50	1218	585	590	1602	2.0	7
			63	353.30	354.80	1.50	138	477	64	400	0.5	4

FROM	TO	LITHOLOGICAL DESCRIPTION
		found finely disseminated and along <2-3mm fractures. Along the fractures, the pyrite is also fine grained and traces of tourmaline are present. The pyrite content reaches 5% (from 342.8-344.5m and 352.1-354.0m) along fractures. It can form up to 1cm intervals containing 40% fine grained pyrite. The rhyolite is schistose, the biotite following the foliation and gives the rock a tuffaceous texture. The foliation is 40° tca at 146.3m and at 352.4m.
357.5	367.1	SYENITE WITH 4 SMALL INCLUSIONS OF RHYOLITE
		The syenite contains 15% <5mm feldspar phenocrysts in a fine matrix. The syenite is reddish brown due to hematite staining. It is magnetic. The upper and lower contacts are 42° and 38° tca, respectively. The syenite has a 5mm epidote vein at 369.1m cutting at 30° tca.
		358.6-359.3m, 360.0-360.3m, 361.0-361.3m, 364.1-364.9m Rhyolite inclusions. The inclusions are similar to the rhyolite described from 342.8-357.5m. However, the inclusions do not have a tuffaceous texture, but a fragmented one, and the biotite is concentrated in <5mm bands. 3% pyrite, both finely disseminated and along fractures, is present. The interval from 364.1-364.9m contains 3-5% pyrite and pyrrhotite within fractures and <1cm blebs.

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
64	354.80	356.30	1.50	94	598	52	784	0.4	3
65	356.30	357.50	1.20	83	679	105	268	0.3	
66	364.10	364.90	0.80	187	646	1249	339	3.2	5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb(ppm)
367.1	373.2	RHYOLITE	67	367.30	368.70	1.40	16	616	64	242	0.2	4
			68	369.80	371.50	1.70	78	604	80	253	0.5	6
		The rhyolite is massive with tuffaceous and fragmented textures due to biotite, which reaches 30% of the volume. 2% pyrite is found finely disseminated and locally along <1mm fractures. The rock is sericitic and contains minor chlorite. The biotite alteration forms <5mm bands which also contain minor chlorite. Minor <1mm garnet crystals and 2% <2mm quartz eyes are also present. Few 3cm intervals show bleaching and an enrichment in sericite (371.1m and 372.1m). At 370.7m, a 1mm coarse pyrite vein has 5mm halos of fine pyrite and chlorite.	69	371.50	373.20	1.70	24	644	97	257	0.4	5
		368.7-369.4m Syenite dyke with both contacts at 45° tca. The upper contact shows assimilation of rhyolite.										
373.2	374.7	SYENITE										
		Similar to the interval described from 357.5-367.1m. The upper and lower contacts are at 50° and 45° tca, respectively.										
374.7	377.1	RHYOLITE	70	374.70	375.90	1.20	10	759	110	276	0.4	8
		Similar to the interval described from 367.1-373.2m.	71	375.90	377.10	1.20	37	670	116	373	0.4	4

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9508

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
377.1	378.2	SYENITE Similar to the interval described from 357.5-367.1m. The upper and lower contacts are at 60° and 45° tca, respectively. The lower contact shows assimilation of rhyolite.										
378.2	383.8	RHYOLITE	72	378.20	379.30	1.10	56	537	89	335	0.4	4
			73	379.30	380.80	1.50	16	681	147	245	0.5	7
		The rhyolite is massive with tuffaceous and fragmented textures due to biotite alteration. 2% <2mm blue quartz eyes and <1% <0.5mm garnet crystals are also present. Overall, it is similar to the interval going from 367.1-373.2m. The foliation is 55° tca at 379.4m and 50° tca at 383.2m. 278.3m A 3mm pyrite-calcite-chlorite vein. 380.8m A 2mm fine grained chlorite vein with 1% finely disseminated pyrite. 382.5m 1cm quartz vein with trace chlorite in the centre. The vein cuts the core at 50° to core axis, at right angle with the foliation. 382.6-382.9m This interval is cherty. It also contains hematite, tourmaline and 2% pyrite along minor fractures.	74	380.80	382.30	1.50	37	619	188	730	0.5	12
			75	382.30	383.80	1.50	107	697	103	850	0.6	5

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DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9508

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		383.1m 1cm hematite sealed fault breccia.										
383.8	385.6	SYENITE										
		Similar to the interval described from 357.5-367.1m. The upper contact is at 50° tca, parallel to the foliation. The lower contact shows assimilation of the rhyolite.										
385.6	393.5	RHYOLITE	76	385.60	387.10	1.50	152	587	55	350	0.4	7
			77	387.10	388.60	1.50	62	471	8	144	0.1	10
		The rhyolite is massive and light to medium brownish grey. It contains 3% <3mm blue and grey quartz eyes and minor <0.5mm garnet crystals. The rock is sericitic and chloritic. 15-20% of the volume is biotite which is a weak foliation of 50° tca at 392.0m. 3% pyrite is found finely disseminated and along fractures. Several dry fractures are present at 45° tca. Trace tourmaline is found within one 1mm fracture.	78	388.60	390.10	1.50	24	601	15	348	1.0	15
			79	390.10	391.60	1.50	52	599	40	602	0.4	13
			80	391.60	393.50	1.90	45	598	41	1228	0.3	11
		389.0m, 386.3m, 387.2m, 387.3m, 387.8m 3-5mm fractures filled with fine grained chlorite and 20% pyrite.										
		END OF HOLE										

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DIAMOND DRILL LOG

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb(ppm)

ASSAYS

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
15.00	-57.00	
61.00	-56.00	
107.00	-56.00	
152.00	-55.00	
198.00	-57.00	
244.00	-58.00	
290.00	-56.00	
335.00	-56.00	
393.50	-56.00	

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DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9509
Collar Eastings: -2400.00
Collar Northings: 560.00
Collar Elevation: 290.00
Grid: COMTOIS
Claim No.: 5029366

Collar Inclination: -55.00
Grid Bearing: 180.00
Final Depth: 417.00 metres
Test Au-bearing rhyolite
Core size:NQ

Logged by: A. FABER
Date: FEBRUARY 7-11, 1995
Down-hole Survey: ACID TEST
Test rhyolite at -250m vertical

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
0.0	18.9	OVERBURDEN (CASING IN OVERBURDEN)										
18.9	43.5	ANDESITE FRAGMENTAL AND CALC-SILICATE BEDS										

The fragmental is greenish brown and the fragments are <3mm thick and flattened along the foliation/bedding. The foliation/bedding angles are 32° at 26.2m and 42° at 34.2m. The fragmental is chloritic, weakly biotitic, and contains 1% magnetite along few interfragmental boundaries. Locally, few chert bands are interbedded with the fragmental. These intervals, which are <2cm, are frequently beige in colour. Minor fractures along the foliation are hematite stained and filled with silica, and minor epidote. The overall chlorite and biotite content in the fragmental are 35% and 10%, respectively. Carbonate and calcite filled fractures are present and locally reaches 20% of the volume. From 35.9-43.5m, fractures parallel to the foliation caused bleaching of 5% of the interval. In the same interval, the calc-silicate content is 3% of the volume.

19.9-20.4m Diabase. Fine grained, medium to dark green

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		diabase. It is weakly chloritized and not magnetic. The upper contact is at 55° tca and the lower contact is uneven at 51° tca.										
		25.4m (2cm), 26.7-26.9m, 29.7-30.3m, 33.3-33.4m, 33.6-34.2m, 34.4-34.6m Calc-silicate beds. These beds contain 80% chlorite-amphibole, 15% quartz-carbonate(calcite) and 3% hematite. Below 35.9m, fewer calc-silicate beds, up to 2cm, are present. The calc-silicate beds are similar to the ones encountered in hole COM9508 from 65.8-72.5m.										
		30.7m A 2cm white quartz vein contains three <3mm chalcopyrite pockets.										
		38.7-39.8m Syenite. Fine grained felsic dike. No phenocrysts are present, it is bleached and hematitic. The upper contact is at 60° tca, perpendicular to foliation. The lower metre is broken up. The dike contains 1-2% epidote along <2mm fractures cutting the core at various angles.										
		42.0m and 43.0m Barren <3cm quartz veins.										
		42.1-42.2m Healed fault breccia with minor hematite.										
43.5	53.6	ANDESITE FRAGMENTAL										
		The fragmental in this interval is similar in texture to the										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		previous unit with <1cm flattened fragments, but the calc-silicate content is almost nil. The foliation is 39° tca at 47.0m. The fragmental is 60% chloritic fragments, and 40% felsic to intermediate fragments and matrix which are altered to biotite and silica with 3% carbonate (calcite). In this interval, no alteration halos are related to fractures.										
		46.7-46.8m Barren quartz vein with trace chlorite. It crosscuts the foliation at 80° tca.										
53.6	57.3	DACITIC TO INTERM. FRAGMENTAL WITH CALC-SILICATE BEDS										
		This interval is similar to the one described from 18.9-43.5m. Here, the calc-silicate intervals reach 10%. The foliation angles are 40° at 56.7m and 36° at 62.7m. The fragments are flattened along the foliation and are <2cm thick. The rock contains 20-25% felsic fragments which are dark buff brown. The felsic fragments show a dotted texture similar to what is seen in the rhyolite of holes COM9506, 07, and 08 but instead of being biotitic, it is a chlorite alteration. In places, tourmaline fills uneven fractures and voids. The interval is broken up from 65.0-68.0m.										
57.3	58.8	FAULT	1	57.30	58.80	1.50	36					
		This fault occurs in a calc-silicate bed which is partially										

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9509

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		healed with an interfragmental matrix made of tourmaline. The composition of the interval is 15% chlorite, 5% tourmaline, 5% biotite and 75% silica and carbonate. The fault does not contain any sulphide.										
58.8	68.0	DACITIC TO INTERM. FRAGMENTAL WITH CALC-SILICATE BEDS Similar to 53.6-57.3m										
68.0	90.4	DACITIC TO INTERMEDIATE FRAGMENTAL The fragmental is medium to dark green. The interval is made of 90% fragments which are felsic to intermediate. These fragments are fine grained with a dotted appearance. The dots are a chlorite and biotite assemblage and make 5% of the volume. The foliation is 45° at 74.0 and 77.7m. 2% fractures are filled with carbonate and chlorite which cut the foliation at various angles. At 75.1m and 75.8m, 10cm thick cal-silicate intervals up to 10cm are present. 5% chlorite is found in <1mm fractures and along <2cm bands following the foliation/bedding. From 79.0-82.4m, the interval is all broken up. Minor hematite is present within few <0.5cm quartz veins and associated the minor calc-silicate intervals. 78.1m 1cm quartz vein with 2% pyrite and minor chlorite										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		cutting the foliation at 55° tca.										
		82.7m and 86.7m Bleaching with increase in silica and sericite.										
		85.4-85.5m and 83.7m (2cm) White quartz veins with 3% tourmaline at the contact with the host rock. It crosscuts the foliation at 65° tca.										
90.4	102.9	INTERMEDIATE FRAGMENTAL										
		The fragmental contains <20% dacitic fragments as described in the previous interval. The rock is dark green, and the fragments are finer grained. The rock is fractured, and fractures form 2%. 1% are filled with hematite and 1% show 1mm halos on either side of the fractures. 50% of the interval is chloritized and 5% is weakly hematitic. Weak bleaching occurs and does not appear to be related to any fractures. Few veins, up to 1cm, are chlorite-carbonate-silica rich. Trace pyrite is found in the intermediate rock. The foliation angles are 45° tca at 90.4m and 50° tca at 96.3m.										
		99.1-99.4m and 100.2-100.3m Zones of moderate hematite alteration. In both places, fractures are filled with a quartz-hematite-epidote mix. At 99.4m, a 15cm vein consists of coarse grained quartz-epidote-hematite and tourmaline in a										

CAMECO CORPORATION

DIAMOND DRILL LOG

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		ratio of 65:20:15:5.										
102.9	104.0	SYENITE DIKE The grain size is less than 1mm and it does not contain any phenocryst. The upper contact is at 45° tca and the lower one shows what appears to be assimilation over few mm.										
104.0	106.6	INTERMEDIATE FRAGMENTAL Similar to the interval described from 90.4-102.9m. This interval also contains a whitish dotted alteration texture, possibly a carbonate mineral. The dots are <1mm and form 3% of the surface.										
106.6	107.5	SYENITE DIKE Dark pinkish grey with 5-7% <2mm feldspar phenocrysts. Both contacts are uneven and at 45° tca.										
107.5	117.3	INTERMEDIATE FRAGMENTAL This interval shows 50% chloritized fragments and the other 50% is a medium brownish grey biotitic matrix. Trace amounts										

CAMECO CORPORATION

DIAMOND DRILL LOG

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		of sulphide is present. The foliation/bedding is 45° tca at 108.5m and 111.6m. Three 5mm quartz-hematite veins cut the foliation at 30-50° tca. A 20cm hematitic interval is associated with few <1cm silica-chlorite intervals. Several fractures (<1%) crosscut the foliation and are filled with quartz and hematite.										
117.3	118.1	FAULT	2	117.30	118.10	0.80	9					
		The upper 20cm of the interval is made of hematite, tourmaline, quartz, and fragments of intermediate rock in a ratio of 2:2:3:3. The lower part is fractured with hematite filling fractures.										
118.1	126.9	SYENITE DIKE										
		The syenite is medium grained with 15% <2mm feldspar phenocrysts. At 121.7m, a fault breccia with quartz and hematite is 4cm thick and cuts the core at 15° tca. 1% fractures are filled with quartz and hematite.										
126.9	139.4	INTERMEDIATE FRAGMENTAL										
		The fragmental contains 40% chloritized fragments and 60% biotitic matrix and dark beige fragments. Minor										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		magnetite is present in the dark beige biotite intervals. From 127.9-128.0m is an interval of calcite, quartz and light green chlorite. The foliation is 38° tca at 129.8m. Few <2cm quartz and green chlorite veins crosscut the foliation. No sulphide present in this interval.										
139.4	144.2	INTERMEDIATE TO MAFIC FLOW Massive, dark green, fine grained flow. The interval has minor fractures crosscutting the flow at various angles which show <1mm bleaching halo. One fracture created a 5cm halo which appears sericitic and/or feldspathic.										
144.2	182.4	INTERMEDIATE FRAGMENTAL	3	146.20	147.20	1.00	5					
			4	173.90	175.40	1.50	16					
		The fragmental is similar to what is described from 126.9-139.4m. In this interval, the chloritized fragments make 30%, and the biotite rich matrix and felsic to intermediate fragments make 60%. Minor magnetite is also associated with the biotite. Below 163.3m, minor pyrite makes its appearance along the foliation. The foliation is 50° tca at 154.2m, and 47° tca at 163.3m. 152.8m A 1cm light green chlorite interval is present. It is similar to a calc-silicate bed. It contains minor quartz and calcite with 3-5% chalcopyrite. At 163.1m a similar	5	175.40	176.90	1.50	14					
			6	176.90	178.00	1.10	12					

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		interval contains 3-5% pyrite. All other similar intervals are barren of sulphide.										
		146.2-146.6m The entire interval is microfractured and sealed with quartz and trace epidote.										
		151.7m, 156.0m, 161.9m, 162.0m <4cm Quartz veins, cutting at various angles, contain 5% light green chlorite.										
		260.2-160.4m 10cm pegmatite dike at 20° tca.										
		173.9-178.0m 50% of this interval is altered with sericite. The upper meter is 90% altered and the last meter is 40% altered. The rest of the interval is fresh rock. The first alteration event follows the foliation at 45° tca and a second event came along minor fractures across the foliation. The altered rock is light pinkish green and contains 1% finely disseminated pyrite and minor pyrite along the foliation.										
		181.0-181.7m The interval is broken up.										
182.4	182.8	FAULT ZONE	7	182.40	182.80	0.40	13					
		The fault is partially brittle. It was injected with hematite, carbonate and minor silica. 85% of the interval is made of fragments of the host rock. It is subparallel to a										

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9509

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		foliation of 55° tca. No sulphide present.										
182.4	196.1	INTERMEDIATE FRAGMENTAL	8	185.30	186.80	1.50	156					
			9	194.80	196.10	1.30	10					
		This interval is similar to the one described from 144.2-182.4m. The last meter contains <1% very finely disseminated pyrite and throughout the interval. Minor pyrite is also found along a foliation which is at 45° tca.										
		173.9-178.0m Similar to 185.3-186.8m with 1% pyrite concentrated in <2cm intervals within the most altered parts of the rock and within minor fractures.										
		164.6-164.8m (50°), 193.6-193.7m (47°), 194.6-194.8m (45°) The first interval is a syenite dike and the rest is diabase dikes. They all crosscut the foliation at angles written within parenthesis.										
196.1	198.1	DIABASE										
		Dioritic in composition, the diabase is fine to medium grained with <1.5mm crystals. It contains minor biotite and pyroxene. The upper and lower contacts are uneven at 90° tca.										

(ASSAYS: columns SAMPLE No. through Pb (ppm))

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9509

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
198.1	237.6	ANDESITE	10	218.50	219.70	1.20	5					

The rock is massive, fine grained and brownish green. The alteration consists of 20% chloritic patches and dots surrounded by a brownish beige feldspathic alteration. From 209.0-237.6m more biotitic patches coexist with the chlorite. From 114.8-115.2m, the interval is overprinted with a chloritic alteration. Minor fine grained pyrite is locally present. Clusters of 1mm pyrite crystals are present within minor chloritic worm like textured injections from 212.0-215.0m. No foliation fabric is obvious,, but the alteration gives one at 43° tca at 200.5m, 48° tca at 210.5m, 43° tca at 218.2m, and 45° tca at 227.8m. Minor magnetite is present along darker bands. 2% <1cm quartz and light green chlorite are present.

218.5-219.7m, 222.2-222.3m, 224.3-224.7m, 224.6-225.0m The intervals are made of 30-40% light green chlorite bands associated with 30% white quartz veins and minor silicification. The intervals also contain bleached, sericitized, chloritized and biotitic fragments of host rock. Minor tourmaline is associated with the quartz.
No sulphide present.

222.3-224.3m Syenite dike. It is magnetic, contains 5% <3mm feldspar phenocrysts and the lower contact is 38° tca.

230.1m 2cm pegmatite dike at 20° tca.

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
237.6	242.6	SYENITE AND DIABASE DIKES 237.6-238.8m Diabase dike similar to the one described from 196.1-198.1m. Here the amphibole forms <3mm needles. 238.8-238.9m Interval of intermediate volcanic rock. 238.9-242.6m Syenite dike. 10% <3mm phenocrysts with a fine crystalline matrix of biotite and feldspar. It is magnetic. One fracture has pyrite on its surface. The upper and lower contacts are at 53° and 60° tca, respectively. The lower contact shows a 7cm chilled margin.										
242.6	246.6	ANDESITE Massive, altered rock similar to 198.1-237.6m. The foliation is 40° at 245.7m.										
246.6	248.8	SYENITE 10% <3mm phenocrysts with a fine grained, microcrystalline matrix. It is magnetic. The upper contacts is 50° tca following the foliation and the lower contact is uneven at 90° tca.										

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9509

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
248.8	254.8	ANDESITE	11	252.30	253.30	1.00	38					
			12	253.30	254.80	1.50	113					

Similar to the interval described from 198.1-237.6m. Minor magnetite and <1% finely disseminated pyrite are present. Two silica rich 1.5cm layers from 152.8-153.05m contain 50% fine pyrite. There is two generations of fine pyrite present. The interval is moderately silicified.

254.8 260.5 ANDESITE FRAGMENTAL WITH TWO SYENITE DIKES

The fragmental is made of 50% chloritized fragments and 50% biotitic matrix. The foliation is 41° tca at 260.0m. The contact zone between the chlorite and biotite rich bands (fragments vs matrix) is beige in colour. Those bands are up to 2cm thick. Minor fine pyrite is present along the foliation.

255.9-257.1m, 257.9-259.0m Syenite dikes. 5% <2mm phenocrysts within a fine grained matrix. It is dark greenish brown and magnetic. The upper and lower contacts of the first dike follow the foliation and are at 38° and 46° tca, respectively.

260.5 268.0 SYENITE

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		260.5-263.8m Syenite similar to 255.9-257.1m.										
		263.8-264.0m Inclusion of fragmental andesite similar to 257.1-260.5m.										
		264.0-265.1m Syenite similar to 255.9-257.1m.										
		265.1-265.3m Inclusion of andesite fragmental										
		265.3-268.0m Syenite porphyry, brownish pink with minor hematite staining. 15% feldspar phenocrysts are <3mm in size. The lower contact is at 49° tca along the foliation.										
268.0	269.7	ANDESITE FRAGMENTAL										
		The fragmental is made of 50% chloritized fragments and 50% biotitic matrix. The foliation is 50° tca. Minor fine pyrite is present along the foliation. The interval has few <1cm carbonate rich zones. Minor tourmaline and hematite are found in fractures. 1% magnetite occurs along the foliation.										
269.7	279.3	SYENITE WITH THREE SMALL INCLUSIONS OF ANDESITE	13	275.50	276.10	0.60	22					
		Syenite porphyry, brownish pink with 2% hematite found along fractures. 15% feldspar phenocrysts are <3mm in size. The										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		upper and lower contact are 45° and 38° tca, respectively. It is magnetic. The matrix is fine grained.										
		170.8-171.3m, 173.4-173.8m, 175.7-176.1m The inclusions are of andesite fragmental similar to 268.0-269.7m. Here, 3% pyrite is fine grained and along the foliation.										
		277.5-277.9m Definite syenite dike with sharp contact. It is buff yellowish green and fine grained. It contains 5% amphibole with diffused boundaries.										
279.3	282.8	FELSIC FRAGMENTAL	14	279.30	280.80	1.50	72					
			15	280.80	281.80	1.00	1237					
		Brownish green with a foliation of 40° tca at 282.2m. The rock contains 10% chloritic fragments and the rest is a buff brown biotitic and feldspathized matrix. The interval contains 2-3% disseminated magnetite associated with the biotitic zones. The interval contains 2-3% fine disseminated and clustered 1mm pyrite crystals. The mineralization follows the foliation. The interval is weakly silicified.	16	281.80	282.80	1.00	156					
		279.6m and 281.5m <2cm barren quartz veins.										
282.8	284.9	SYENITE										
		Similar to 269.7-279.3m.										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
284.9	290.7	FELSIC FRAGMENTAL	17	284.90	286.40	1.50	370					
			18	286.40	287.90	1.50	32					
		Similar to 279.3-282.8m. The foliation is 40° tca at	19	287.90	289.40	1.50	42					
		286.8m. In this interval, minor pyrrhotite is present.	20	289.40	290.70	1.30	86					
		290.4-290.7m Fragmented highly biotitic and sericitic rhyolite with 1% <2mm quartz eyes and 2% pyrite.										
290.7	297.8	SYENITE WITH TWO INCLUSIONS OF RHYOLITE	21	292.30	293.00	0.70	38					
		The syenite is similar to 269.7-279.3m.										
		292.3-293.0m Rhyolite. Fragmental where the alteration forms alternating 1cm bands of highly biotitic and sericitic domains. 1% <2mm quartz eyes and 2% pyrite are present.										
		294.9-295.3m Felsic fragmental similar to 292.3-293.0m.										
297.8	303.0	RHYOLITE FRAGMENTAL AND FAULT	22	297.80	299.50	1.70	1708	820	51	40	0.8	3
			23	299.50	300.40	0.90	960	709	7	36	1.6	9
		297.8-299.5m The rhyolite is pyroclastic and fragmental. It	24	300.40	301.20	0.80	5	441	3	25	0.1	4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		has a foliation of 32° tca. The interval is weakly sericitized, biotitic and contains 5% <0.5mm tourmaline crystals along the foliation. This interval also contains 3-5% 1mm pyrite crystals along the foliation. Black chlorite is present in fracture planes.	25	301.20	303.00	1.80	10	422	4	24	0.3	6
		299.5-300.4m FAULT. The rhyolitic rock is faulted, folded and healed. It is moderately silicified. Hematite is also present. 1% finely disseminated pyrite is scattered uniformly.										
		300.4-300.8m Fractured porphyry syenite. It has a red hematite staining.										
		300.8-301.2m Aplite dike with few <1cm pegmatitic intervals. The lower contact is 40° tca.										
		301.2-303.0m Fragmented rhyolite which has been moderately fractured. Along those fractures, sericite alteration, quartz-hematite and minor silica are present. Minor fine pyrite is found along a weak foliation of 40° tca.										
303.0	314.6	PEGMATITE DIKE										
		It is pink and composed of 15% quartz, 5% mafic and muscovite and 80% K-feldspar. It is fine to medium grained with a meter, in the centre, where the crystals of feldspar and										

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		quartz are up to 1.5cm in diameter. Hematite staining is locally important. Several intrusive events occurred as different grain size co-exist. A 10cm syenite dike cuts the pegmatite at 22° tca at 309.7m. The last 1.5m had a grain size of 1mm and a granitic look. The lower contact is at 47° tca.										
314.6	321.3	MICROFRACTURED FRAGMENTED RHYOLITE	26	314.60	316.00	1.40	57	357	266	61	0.5	4
			27	316.00	317.00	1.00	34	699	24	30	0.3	7
		The rhyolite is massive and light to medium grey. 3-7% of the interval is quartz-tourmaline filled microfractured. The rhyolite contains 2% <2mm deep blue quartz eyes and 1% finely disseminated pyrite. Minor pyrite occurs along fragment boundaries.	28	317.00	318.30	1.30	33	367	49	22	0.3	4
			29	318.30	319.80	1.50	20	359	69	22	0.3	2
			30	319.80	321.30	1.50	54	297	14	32	0.3	9
		316.0-317.0m Zone with 7% tourmaline filling microfractures.										
		319.8-320.7m Pegmatite vein, light greenish yellow in colour cutting the rhyolite at 15° tca.										
		320.7-321.3m Microfractured rhyolite with structural displacement.										
321.3	334.5	FRAGMENTED RHYOLITE	31	321.30	322.80	1.50	396	359	24	51	0.3	11
			32	322.80	324.30	1.50	32	370	23	34	0.1	7
		Medium grey, massive with a weak foliation of 55° tca at	33	324.30	325.80	1.50	29	259	22	26	0.1	5

FROM	TO	LITHOLOGICAL DESCRIPTION
		325.0m and 52° tca at 334.8m. The rhyolite is sericitized and biotitic with a ratio of 60:40. The alteration pattern is banded with minor dotted alteration texture. Chlorite patches are associated with the biotite alteration. The patches make 3% of the volume and occur where very finely disseminated pyrite is present. 3% grey to blue quartz eyes are uniformly distributed. Several fractures, up to 1cm in width, are filled with fine quartz and dolomite.
		Total pyrite is 2%, where 1% is finely disseminated and uniformly distributed. The rest of the fine pyrite is present along the foliation and fragment boundaries. Few 5mm thick intervals of fine pyrite are found in the last 2m.
		The lower contact is along the foliation and is at 45° tca.
335.4	340.0	SYENITE WITH AN INCLUSION OF RHYOLITE
		Dark pink in colour, the syenite contains 20% <4mm feldspar phenocrysts and 10% amphibole in a fine grained matrix. The amphibole has been partially chloritized in a fine grained matrix. From 339.3-339.5m, the syenite is cut by an aplite dike at 33° tca.
		336.5-337.1m Rhyolite inclusion similar to 321.3-334.5m.

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
34	325.80	327.30	1.50	100	310	43	27	0.1	4
35	327.30	328.80	1.50	547	351	72	30	0.7	5
36	328.80	330.30	1.50	512	275	99	42	0.4	11
37	330.30	331.80	1.50	84	315	74	86	0.4	27
38	331.80	333.30	1.50	29	294	56	59	0.3	22
39	333.30	334.50	1.20	36	278	63	175	0.3	25

CAMECO CORPORATION

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
340.0	353.6	FRAGMENTED RHYOLITE	40	340.00	341.50	1.50	77	271	39	102	0.3	23
			41	341.50	343.00	1.50	47	339	73	68	0.2	20
		The rhyolite is similar to 321.3-334.5m. From 340.0-343.2m, sericite-rich and biotite-rich intervals form alternating bands. They have a ratio of 1:1. From 343.2-353.6m, both biotite and sericite co-exist in a dotted texture with variations in the biotite content. There is 1% finely disseminated pyrite. Where the biotite is more abundant, 2% clustered fine pyrite is present along the foliation. 3-5% <3mm blue quartz eyes are uniformly distributed. At 349.1m, there are three dextral fractures with a displacement of few cm. The foliation angles are 49° tca at 343.2m and 40° tca at 349.3m. The lower contact is at 45° tca.	42	343.00	344.50	1.50	48	307	94	32	0.3	6
			43	344.50	346.00	1.50	85	380	21	35	0.1	6
			44	346.00	347.50	1.50	57	348	82	35	0.1	4
			45	347.50	349.00	1.50	96	511	105	49	0.3	7
			46	349.00	350.50	1.50	100	402	21	89	0.1	25
			47	350.50	352.00	1.50	55	334	11	31	0.1	30
			48	352.00	353.60	1.60	38	283	38	81	0.1	17
353.6	356.7	SYENITE 15% <3mm feldspar phenocrysts and 10% amphibole in a fine grained matrix. The feldspar crystal boundaries are not sharp. It is pinkish brown with minor chlorite alteration of the amphibole crystals. The upper contact is uneven at 40° tca and the lower contact is at 35° tca with a 1cm chilled margin.										
356.7	358.6	RHYOLITE Similar to 340.0-353.6m. The upper and lower contacts are	49	356.70	358.60	1.90	122	383	51	75	0.2	17

FROM	TO	LITHOLOGICAL DESCRIPTION
		46° and 44° tca, respectively. The foliation is 51° tca.
358.6	361.3	SYENITE It is similar to 353.6-356.7m. It is lighter coloured and the feldspar crystal boundaries are sharp. A 4cm aplite dike cuts the syenite at 40° tca at 358.9m. The lower contact is uneven at 48° tca.
361.3	370.9	RHYOLITE Massive, medium grey with foliation angles of 54° tca at 261.8m and 43° tca at 369.0m. 75% of the rhyolite is biotitic and the rest is sericite rich. The sericite occurs along microfractures. 2% <4mm blue quartz eyes are present. Minor fine pyrite is uniformly disseminated. Pyrite crystals, up to 0.5mm, are scattered within the biotitic sections and associated with sericite along the microfractures. Pyrite forms <1%. Minor <5mm fractures contain chlorite and 30% pyrite at 364.4m, 366.3m, 366.6m, and 366.7m. 364.8-365.5m Syenite similar to 358.6-361.3m.
370.9	372.9	SYENITE

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
50	361.30	362.80	1.50	52	377	7	109	0.1	8
51	362.80	364.30	1.50	67	339	47	45	0.2	12
52	364.30	365.80	1.50	36	621	12	58	0.1	5
53	365.80	367.30	1.50	77	379	130	28	0.3	4
54	367.30	368.80	1.50	105	377	36	43	0.2	20
55	368.80	369.80	1.00	74	345	85	50	0.3	18
56	369.80	370.90	1.10	30	436	61	36	0.3	11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Similar to 358.6-361.3m. The upper and lower contacts are at 47° and 57° tca.										
372.9	374.2	RHYOLITE	57	372.90	374.20	1.30	39	367	81	27	0.3	5
		Similar to 361.3-370.9m. This interval contains 1% light green chlorite pockets and 1% pyrite associated with sericitic microfractures. The interval has 1% pyrite. A 5mm pocket of garnet is present along a silica-chlorite filled fracture.										
374.2	378.2	SYENITE	58	376.00	376.90	0.90	46	339	61	29	0.1	7
		Similar to 358.6-361.3m. It has 10%, <7mm long, well formed amphibole crystals.										
		375.1-375.2m Aplite dike at 25° tca.										
		376.0-376.9m Rhyolite similar to 372.9-374.2m with chlorite rich pockets. 1-2% pyrite within bleached area along fractures. The pyrite is also associated with chlorite which is accompanied by silica. Minor pyrrhotite is present in this interval. The interval has a greenish tint.										
		376.9-378.2m Aplite dike. Light pink and fine grained with										

minor muscovite. The lower contact is at 19° tca.

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
378.2	386.4	RHYOLITE	59	378.20	379.70	1.50	22	334	33	22	0.1	5
			60	379.70	381.20	1.50	42	357	42	24	0.2	5
			61	381.20	382.70	1.50	17	381	7	29	0.1	7
			62	382.70	384.20	1.50	116	310	242	30	0.5	7
			63	384.20	385.70	1.50	74	310	143	36	0.4	8
			64	385.70	386.40	0.70	6	356	3	39	0.1	7

Medium brownish grey, fragmented rhyolite. 85% of the volume of the rhyolite is highly biotitic. The rest is sericite altered. The sericite occurs along microfractures, which form 15%, giving foliation angles of 55° tca at 379.8m and 45° tca at 386.0m. These sericitized intervals usually form <1cm bands. The interval contains 2% <3mm blue quartz eyes. 1% 2mm clusters of pyrite and pyrrhotite are associated mainly with the microfractures. Minor finely disseminated pyrite is present. Few intervals of microfractures contain minor chlorite.

The upper and lower contacts are at 17° and 43° tca.

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
386.4	397.9	SYENITE WITH AN INCLUSION OF RHYOLITE	65	389.50	390.70	1.20	13	369	3	45	0.1	17

The mineralogy of the syenite is 20% <7mm feldspar phenocrysts, 15% <3mm partly chloritized amphibole crystals and the rest is homogeneous fine grained translucent feldspar rich matrix. The crystals boundaries are very distinct.

389.5-390.7m Rhyolite inclusion similar to 378.2-386.4m.

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9509

FROM	TO	LITHOLOGICAL DESCRIPTION
		391.0m (5cm), 392.0-392.1m, 392.4-393.0m, 393.9-397.9m Light pink, medium to coarse grained pegmatite. It contains 2% biotite and amphibole.
		The contact at 397.9m is at 10° tca.
397.9	405.1	RHYOLITE
		Medium to dark grey, the rhyolite is overall highly biotitic. 5% sericite alteration follows microfractures as 2-7mm alteration halos. The microfractures make <2cm intervals. The alteration halos are light greenish grey. The quartz eye and pyrite content are similar to 378.2-386.4m. The foliation is 55° tca at 398.4m and 404.5m. The lower contact is 50° tca.
		399.7-399.8m, 400.7-400.8m, 400.3m (2cm), and 400.6m (3cm) Pegmatite dikes.
		398.8-399.9m Fine grained, dark green chlorite vein.
405.1	417.0	SYENITE AND PEGMATITE
		405.1-407.0m Syenite similar to 386.4-397.9m

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
66	397.90	399.40	1.50	7	405	24	48	0.2	22
67	399.40	400.90	1.50	40	502	4	49	0.1	6
68	400.90	402.40	1.50	8	517	29	56	0.3	6
69	402.40	403.90	1.50	8	341	58	43	0.3	7
70	403.90	405.10	1.20	15	462	16	67	0.1	10

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)

407.0-408.3m Pegmatite dike at 15° tca.

408.3-417.0m Syenite. It is coarse grained and reddish pink. It is similar to the syenite described in hole COM9507 from 309.7-328.0m. Several intervals are finer grained and could be fine grained pegmatite or fine grained syenite. No distinct contacts are present.

END OF HOLE

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
32.30	-55.00	
78.20	-55.00	
123.70	-54.00	
291.40	-54.00	
337.00	-52.00	
383.00	-53.00	
417.00	-52.00	

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DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9510
Collar Eastings: -1700.00
Collar Northings: 345.00
Collar Elevation: 290.00
Grid: COMTOIS
Core size: NQ

Collar Inclination: -55.00
Grid Bearing: 180.00
Final Depth: 331.00 metres
Test Au-bearing IP Anomaly in rhyolite
Claim No.: 5081420

Logged by: D. PANAGAPKO/M. KOZIOL
Date: FEBRUARY 12-15, 1995
Down-hole Survey: ACID TEST
Test rhyolite 300m East of CO9405

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
0.0	15.4	OVERBURDEN (Casing left in hole)											
15.4	25.4	ANDESITIC FRAGMENTAL											

(ASSAYS: SAMPLE No. through Pb (ppm))

Medium to dark grey, with some buff to pale pink intervals. Rock is uniformly fine-grained and consists of stretched lapilli sized fragments set in a fine silicified groundmass of plagioclase, sericite and chlorite. Well foliated at 43° with transposition of foliation due to reorientation of fragments. Unit is highly fractured but mostly competent. Fractures are hairline and are filled with fine silica. There is no common orientation of the fractures. There are abundant pale cream to orange zones which are due to feldspathic alteration of the fine groundmass.

17.4-18.1m Broken core due to abundant fracturing. Magnetite content increases in most altered zones.

23.2-25.4m Bleached and silicified zone, pale brown to medium grey; unit changes to a more massive rock, possibly an intermediate flow. Lower contact picked where rock loses its obvious fragmental texture and becomes more massive.

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DIAMOND DRILL LOG

PROPERTY: COMTOIS
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
25.4	30.2	INTERMEDIATE FLOW	1	24.40	25.90	1.50	5						
			2	25.90	27.40	1.50	5						
		Medium green to dark grey, local pale pink and light grey sections where more altered. Uniform very fine grained texture, massive, typical of a volcanic flow. Competent throughout except for minor hairline fractures filled with quartz and k-feldspar. Minor narrow quartz veinlets. Magnetite occurs where rock has been fractured and feldspathized. Dark brown areas may be enriched in biotite, though rock is too fine grained for an exact determination.											
		Lower contact is sharp, where fragmental texture returns, at 30° tca.											
30.2	35.9	INTERMEDIATE FRAGMENTAL	3	34.40	35.90	1.50	5						
		Dark grey to dark green, consists of tuff and lapilli-sized fragments that have been strongly stretched parallel to the prominent foliation direction, oriented at 35° tca. Fragments consist of mafic (chloritic), intermediate (dacitic) and minor felsic rocks. Groundmass is probably biotite rich. Later k-feldspar alteration along foliation parallel fractures. Associated with the k-feldspar filled fractures is 5-10% fine grained magnetite. With k-feldspar is fine hematite, more orange than red, and felty in appearance. Unit contains few crystals of pyrite <<1%.											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9510

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Sharp lower contact is intrusive, oriented at 45°.											
35.9	47.6	ZEBRA-TEXTURED SYENITE DIKE	4	41.80	43.30	1.50	22						
			5	47.10	47.60	0.50	5						
		Ranges from medium reddish-brown to reddish grey, uniform colour throughout. Massive down to 36.6m, then contains numerous microfractures that are filled with white feldspar, hence the 'zebra' texture. Fractures range from 10° to 20° tca and are locally dense, up to 10 fractures per cm. 5% disseminated magnetite throughout.											
		In upper 70cm, unit contains 2-4% 3-5mm white feldspar phenocrysts, with abundance decreasing downhole.											
		Lower contact is marked by a 50cm quartz vein, which has been strongly fractured and contains hematite and tourmaline in the fractures. Contact is sharp at base of quartz vein.											
47.6	50.6	FELSIC FRAGMENTAL (TUFF)	6	50.10	50.60	0.50	5						
		Medium grey to grey-green, locally pink where more altered. Consists of light grey masses, probably tuffaceous with subordinate amounts of chlorite, hematite and garnet as a fine grained groundmass. Fragments are not distinct. Strongly foliated at 55° tca.											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		49.2-49.5m Abundant hematite along microfractures, with minor disseminated magnetite.											
		Lower contact sharp, marked by 30cm thick quartz vein with carbonate and chlorite along fractures in vein.											
50.6	193.8	INTERMEDIATE FRAGMENTAL	7	62.20	63.40	1.20	5						
			8	111.00	112.50	1.50	5						
		Medium greenish grey with local very dark grey sections.	9	114.60	116.10	1.50	5						
		Obvious fragmental texture with stretched lapilli common	10	142.60	144.10	1.50	5						
		throughout. Fragments are mostly dacitic in composition,	11	144.10	145.60	1.50	6						
		Foliation very strongly developed at 45° tca. Occasional	12	145.60	147.10	1.50	12						
		layer with a more calc-silicate composition, containing 2-3%	13	147.10	148.50	1.40	34						
		small, subhedral garnets (dark red-pyrope?).	14	148.50	150.00	1.50	38						
			15	150.00	151.00	1.00	23						
		Zones of increased biotite alteration, giving core a dark	16	151.00	151.80	0.80	32						
		brown to black colour at: 54.3-55.1m and 59.0-62.2m. More	17	176.70	178.00	1.30	77						
		felsic fragments are saussuritized. More biotite-rich	18	178.00	179.50	1.50	53						
		zones also contain 5-10% hematite along microfractures.											
		Foliation is consistent at 45° throughout unit. Light green sericite is locally developed as a matrix component, but does not contribute more than 5% overall.											
		Trace fine grained pyrite at 62.7-63.0m, in a bleached zone. Core is broken up over interval at 62.8-63.5m, due to											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		abundant fractures.											
		62.2-71.2m Bleached intermediate fragmental. Similar texture to main unit, except medium to light green due to abundant sericitization along numerous microfractures. Fragments are more rhyo-dacitic. Local dark red garnet with feldspar-rich layers (calc-silicate?). Core is broken up over short intervals.											
		71.2-75.2m Biotite-rich fragmental. Medium to dark grey, well foliated, deformed dacitic fragments common. Groundmass consists of light green sericite, feldspar and minor red hematite. Foliation at 35° tca. Hematite locally up to 20% over short intervals (10cm). Biotite forms as felty masses surrounding the fragments.											
		75.2-86.3m Hematite-rich zone. Same fragmental unit as described above, but with 10-15% very fine grained dark red hematite occurring along foliation planes. Consists of large elongated rhyo-dacitic fragments, partly saussuritized, with chlorite, magnetite and hematite as a fine grained groundmass. Consistently strongly foliated at 40°. Hematite locally up to 15%. Some calcite filled microfractures.											
		86.3-103.0m Intermediate fragmental, as above. Medium greenish grey, fragments are locally less distinct, probably finer-grained. Minor zones of sericitic alteration give core a pale green colour. Microfractures with hematite staining											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		are common.											
		103.0-127.0m Coarser grained fragmental, predominantly lapilli sized fragments set in a more chlorite-rich groundmass, giving the core a dark green colour. Fragments are dacitic to rhyo-dacitic in composition. Occasional dark red (hematite) and bright green (epidote) filled fractures. Some larger fragments are quite elongated parallel to foliation at 40° tca. Chlorite content averages 10-15%.											
		111.2-111.4m 5% fine grained pyrite associated with minor narrow quartz veins. Other minor concentrations of pyrite at: 114.7m, 115.0m, 116.0m, 118.2m. Dark red hematite filled fractures, typically 1-2mm wide, occur at random angles tca. Where matrix is very dark grey to black, it contains up to 10% very fine grained magnetite; magnetic matrix disappears at about 120.m. At 122.2m, a narrow quartz filled fault zone cuts the core at 15°.											
		127.0-145.0m Chloritic intermediate fragmental, but finer grained than previous interval, well banded but tuff-sized fragments predominate. 130.8-131.5m Numerous 0.5cm carbonate veinlets that have been ptygmatically folded (an appearance of disharmonic folds). Higher matrix magnetite content over interval 133.5-135.0m. Narrow, hematite-filled fractures at: 138.2m, 139.0m.											
		142.8-145.1m Andesitic lapilli tuff, silicified, cut by											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		several narrow quartz-calcite fractures; local concentrations of fine-grained pyrite, mostly adjacent to fractures. Elevated magnetite content where more silicified (iron formation?).											
		145.6-148.5m Andesitic fragmental, as above, but with more numerous narrow hematite filled fractures; some up to 5cm thick; local increased magnetite content. Minor pyrite concentrations of 1-2% over 3-5cm intervals. Rock has been silicified throughout. Overall fracture density is higher than in previous sections, often one per cm.											
		148.5-151.8m Fault Zone. Same andesite fragmental as before but highly fractured and rehealed with quartz, hematite and chlorite. Blocks of andesite fragmental have been rotated. Unit is most highly fractured down to 149.0m and fracturing decreases below 150.6m. 1-2% fine to medium grained pyrite associated with more silicified zones. Lower contact of fault zone marked by 1cm quartz vein.											
		151.8-178.0m Typical andesitic fragmental, dark green to dark grey, lapilli-sized fragments surrounded by chlorite, carbonate. Core is competent and is cut by minor hematite and calcite filled microfractures. Below 158.8m, core is highly silicified and is has a grey brown cherty appearance over narrow intervals. Foliation well developed at 35° tca. Only few isolated fine grains of pyrite. Hematite-carbonate veins at: 164.1m, 164.7m, 166.6-166.9m, 168.4m, 177.0-178.0m											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		(numerous hairline fractures). Minor fine pyrite at 176.7-178.0m.											
		178.0-179.8m Dark green andesitic fragmental, as above; narrow hematite filled fractures at: 178.2-178.5m with trace fine grained pyrite. Lower contact of this subunit is where rock becomes more altered, marked by a narrow fault.											
		179.8-187.5m Altered andesitic tuff to lapilli tuff; unit is light to medium grey, foliated to brecciated, composed of tuff and lesser lapilli-sized fragments, more felsic in composition, brecciation and veining most concentrated at: 179.8-180.0m, 182.4-182.7m, 185.1-185.7m. Locally magnetic over short intervals (1-2cm). Foliation at 40° at 187.0m. Hematite filled fracture runs subparallel to core axis at 185.1-185.7m. Trace fine grained pyrite over 1-2cm intervals.											
		187.5-193.8m Intermediate lapilli tuff to tuff, dark green to dark grey dacitic fragments, magnetic in places; silicified throughout. Dark green, fine grained mafic dike at: 191.7-191.95m, oriented at 70° tca. Trace very fine grained pyrite disseminated in unit. Sharp lower contact at 35° tca marked by start of intrusive.											
193.8	194.8	PORPHYRITIC SYENITE											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Medium to dark reddish brown, massive medium to coarse grained porphyritic texture. Consists of k-feldspar, hornblende and interstitial magnetite with 5-10% large, subhedral white feldspar crystals. Occasional dark red hematite filled fracture. Sharp lower contact at 35°.											
194.8	196.2	INTERMEDIATE FRAGMENTAL											
		Similar to unit at 187.5-193.8m. Dark green to black, foliated at 40° tca. Minor silicification with trace very fine grained pyrite at 195.7m. Sharp upper and lower contacts.											
196.2	198.7	PORPHYRITIC SYENITE											
		Similar unit as at 193.8-194.8m. Massive, contains 10-15% white feldspar phenocrysts to 7mm, subhedral. Mafic mineral mostly hornblende, possibly some biotite. Uniform distribution of fine grained magnetite. Lower contact with next intrusive unit at 40° tca.											
		197.2-197.6m Silicified intermediate fragmental. Upper contact at 25° tca, lower contact at 35° tca.											
198.7	203.0	ZEBRA-TEXTURED SYENITE											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Medium grey to pink, massive; contains numerous narrow micro-fractures that are subparallel and form a weak 'foliation' or zebra-texture. Fractures are oriented at 40°. Unit is weakly magnetic. Fractures are filled with white feldspar or non-calcitic carbonate. Narrow quartz-tourmaline veins at: 200.3-200.6m, 202.7-203.0m. Lower quartz vein cuts core at 30° and is 6cm thick. Contact with intrusive unit below is at 80° tca.											
203.0	207.1	PORPHYRITIC SYENITE											
		Same intrusive as at 196.2-198.7m. Massive, contains 10-15% white feldspar phenocrysts, uniformly magnetic as in previous unit. Minor hematite filled microfractures. Colour varies from pink to medium grey depending on the percentage of k-feldspar and hematite. Sharp lower contact at 45° tca.											
207.1	210.2	ZEBRA-TEXTURED SYENITE											
		Same unit as at 198.7-203.0m. Colour varies from medium grey to medium red, typical microfracture pattern at about 40° tca. Fine grained non-magnetic mafic dike at: 208.4-208.8m. Sharp lower contact at 30°.											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
							ASSAYS						
210.2	212.6	FELSIC FRAGMENTAL	19	210.20	211.70	1.50	6						
			20	211.70	212.60	0.90	5						
		Uniform medium grey, fine grained, well foliated at 40°. Fragments vary from tuff to lapilli sized and are rhyo-dacitic to rhyolitic in composition. Unit is silicified and also contains narrow medium brown cherty layers. Sharp lower intrusive contact at 70° tca.											
212.6	216.7	SYENITE											
		Grey to reddish colour, coarse feldspar porphyritic, magnetic. 214.2-214.9m - inclusion of felsic fragmental.											
216.7	219.7	FELSIC FRAGMENTAL	21	216.70	218.20	1.50	7						
			22	218.20	219.70	1.50	5						
		Similar to that from 210.2m to 212.6m. Foliated at 40° to core axis, clasts are stretched 10:1 along foliation and mainly rhyolitic in composition. Very fine disseminated pyrite forms up to 1% of the rock. Fine garnet, up to 1%, occurs along foliation surfaces. Upper and lower contacts are at 45° to core axis. The core is stained blood-red locally by hematite. Hematite occurs along foliation in some planes and along later cross cutting fractures and narrow quartz veins.											
219.7	226.6	SYENITE											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Reddish grey colour, coarse feldspar porphyritic and magnetic.											
		225.9-226.2m - inclusion of faulted rhyolite.											
226.6	229.0	FAULTED RHYOLITE	23	226.60	228.40	1.80	5		449	4	31	0.1	3
		Rhyolite is hematitic, bleached, and foliation is contorted, but, core angles are mainly at 15° to core axis. Rhyolite contains minor amounts of garnet and very fine disseminated pyrite. The lower most 0.6m is a diabase dyke that contains inclusions of altered rhyolite. Upper contact is uneven at approximately 40° to core axis, lower contact is sharp at 45° to core axis.											
229.0	233.0	SYENITE											
		Similar to 219.7-233.0m.											
		229.2-233m - the syenite is fractured, and weathered looking. Fractures are filled with calcite veins and locally, hematite.											
		230.8-231.1m - inclusion of faulted rhyolite. Rhyolite contains 10% glassy quartz veins.											

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9510

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
233.0	238.6	RHYOLITE FRAGMENTAL AND TUFF	24	233.00	234.40	1.40	5		570	1	26	0.1	3
			25	234.40	235.80	1.40	32		569	4	130	0.1	5
		Upper contact is sharp at 45°. Foliation angles at 233.4m are at 45° to core axis. Light grey colour, foliated (bedded), strong sericite alteration. Fragmental beds, in places appear fragmented, are up to 2.5m thick and are interbedded with fine grained sericitic tuff. Fragmental contains both rhyolite and pumice fragments. The rhyolite fragments contain fine grey quartz eyes and the pumice ones are altered to biotite-chlorite-garnet assemblage. The fragments were of various shapes, now aligned parallel to foliation. Some of the larger felsic fragments are light green in colour due to epidote alteration. Also contains 1% clusters of very fine light grey mineral that may be andalusite ?. Garnet is fine to very fine grained and occurs disseminated mainly in the pumice fragments. Garnet forms 3%.	26	235.80	237.20	1.40	5		704	6	50	0.3	6
			27	237.20	238.60	1.40	6		656	8	605	0.3	12
		Pyrite occurs as very fine crystals, up to 1% along foliation and within the fragments.											
238.6	240.1	SYENITE	28	238.60	240.10	1.50	5		709	3	54	0.1	1
		Reddish-grey colour, coarse feldspar porphyritic, magnetic.											
240.1	241.6	RHYOLITE FRAGMENTAL AND TUFF	29	240.10	241.60	1.50	33		900	8	537	0.5	11

CAMECO CORPORATION

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		Similar to that from 233.0m to 238.6m. Contains 1% very fine pyrite.											
241.6	242.7	SYENITE	30	241.60	242.70	1.10	5		697	3	48	0.1	1
		Coarse feldspar porphyritic.											
242.7	244.0	RHYOLITE FRAGMENTAL AND TUFF	31	242.70	244.00	1.30	98		749	17	1065	0.3	7
		Similar to that from 233.0m to 238.6m. Contains 1% pyrite.											
244.0	247.3	SYENITE											
		Coarse feldspar porphyritic,											
247.3	253.3	RHYOLITE TUFF AND FRAGMENTAL	32	247.30	248.80	1.50	127		1294	54	3109	0.9	17
			33	248.80	250.30	1.50	28		1074	18	2187	1.1	38
		Rock is light tan to grey colour, foliated at 45° to core axis. Tuff is interbedded with beds contain 20% pumice fragments. There is strong sericite alteration. Sericite occurs as pervasive alteration of the tuff and as veinlets of sericite-chlorite occurring parallel to foliation. Garnet is very fine to fine grained and is disseminated parallel to	34	250.30	251.80	1.50	68		795	41	3360	0.9	39
			35	251.80	253.30	1.50	144		961	62	3322	0.8	48

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9510

foliation and as alteration of the pumice. Locally garnet forms up to 40% of some of the pumice. Very fine disseminated pyrite forms <1% of the rock.

253.3 – 261.8 FRAGMENTED RHYOLITE

This is a light grey rock that was massive and brecciated. The breccia fractures are filled with chlorite, silica, biotite and locally pyrite. The pyrite content of the upper portion of the interval is approximately 1%. Foliation angles for the section are at 45° to core axis, except between 256m and 258m where it decreases to 10° to core axis and increases again to 45°.

257.3-260.4m - the pyrite content is 10%, occurring mainly as clusters of crystals that range from 1mm to 3mm in size, surrounding the breccia pieces and infilling the larger spaces between pieces. Minor amounts of chalcopyrite are associated with the pyrite. The upper contact is at 40° to core axis and the lower is at 20°.

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
36	253.30	254.80	1.50	635		1015	481	4483	1.4	204
37	254.80	256.30	1.50	386		592	226	2962	1.2	34
38	256.30	257.30	1.00	1765		499	379	126	3.1	56
39	257.30	258.80	1.50	992		362	495	2985	3.1	513
40	258.80	260.30	1.50	10000	12.89	423	4295	11085	17.0	1122
41	260.30	261.80	1.50	256		1489	310	1131	1.1	56

261.8 – 270.1 SYENITE

Rock is red in colour, weakly magnetic and feldspar porphyritic. The syenite is fractured and injected with a stockwork of narrow clear and white quartz veins. The veins

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
42	261.80	263.30	1.50	17		755	133	62	0.1	3
43	263.30	264.80	1.50	6		686	86	57	0.1	3
44	264.80	266.30	1.50	14		679	155	62	0.1	1
45	266.30	267.80	1.50	9		678	261	55	0.1	1
46	267.80	269.00	1.20	34		933	275	72	0.2	4

CAMECO CORPORATION

DIAMOND DRILL LOG

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		are up to 2cm thick, and make up 10%. Veins contain clusters of epidote and minor amounts of chalcopyrite and pyrite. The stockwork decreases down hole and syenite is chloritized along fractures.	47	269.00	270.10	1.10	21		812	58	66	0.1	1
		268.2-268.5m - inclusion of faulted, contorted, pyrite bearing (3%) rhyolite.											
270.1	279.5	RHYOLITIC TUFF	48	270.10	271.60	1.50	43		2060	43	2044	0.5	20
			49	271.60	273.10	1.50	84		1576	22	2594	1.1	79
		Tuff is light tan to grey colour and contains 10% to 15% lapilli fragments of garnet-sericite-chlorite altered pumice. The tuff is strongly sericitized, in places a schist, and contains 10% very fine garnet, 1% very fine disseminated pyrite, 1% to 2% tourmaline aligned parallel to foliation, and locally displays kink folding. In the last metre of the interval the tuff contains 30% quartz vein material. The veins are fine to very fine grained, white and green in colour and contain minor amounts of disseminated chalcopyrite. The veins lie at 30° to core axis and tuff bedding-foliation is at 40° to core axis. Some of the garnet is brownish colour and maybe staurolite or sphalerite?	50	273.10	274.60	1.50	39		1273	24	2569	1.1	86
			51	274.60	276.10	1.50	34		919	25	3318	1.4	85
			52	276.10	277.60	1.50	23		1048	36	3553	1.2	60
			53	277.60	279.50	1.90	82		1053	241	4051	1.4	125
279.5	283.3	DACITE FRAGMENTAL (RHYOLITE?)	54	279.50	281.00	1.50	125		954	104	8811	2.2	66
			55	281.00	282.50	1.50	195		852	547	12672	6.5	36
		The rock is grey in colour and is made up of coarse fragments											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		of quartz-eyed dacite (rhyolite ?) in a biotite (altered tuff) matrix. The fragments make up 70% of the rock. Quartz eyes are round and range in size from .3mm to 1mm, are grey in colour and make up 5%. Pyrite forms 1% to 2% and occurs as fine to 1mm crystals disseminated parallel to foliation. At 281m to 282m, pyrite content is increased to 5%. Foliation generally is at 40° to core axis but goes to 5° at 282m.											
283.3	288.6	DACITE TUFF AND LAPILLI TUFF	56	282.50	284.00	1.50	140		1219	195	10388	4.5	68
			57	284.00	285.50	1.50	176		1825	70	7669	5.8	104
		Rock is grey coloured with dull green bands due to chloritization. The tuff is finely bedded (foliated) and strongly biotitic. Locally the tuff contains up to 10% fine garnet and average garnet for the interval is 1%. The garnet is a dull red colour and a more yellowish variety is also present (could be sphalerite?). The tuff contains 2% to 3% very fine disseminated pyrite and coarser crystalline pyrite along cross cutting fractures. Some of the tuff beds contain minor amounts of fine disseminated magnetite. Foliation angles are at 40° to core axis and kink banded. Lower contact with syenite is uneven and there is a 5cm wide intrusive breccia.	58	285.50	287.00	1.50	296		1612	494	7589	9.2	36
			59	287.00	288.60	1.60	22		1311	32	4387	0.9	6
		277.0-277.3m - syenite dyke.											
288.6	305.1	SYENITE											

CAMECO CORPORATION

DIAMOND DRILL LOG

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
		The rock is red in colour, still feldspar porphyritic but over-all coarser grained, massive and magnetic.											
		294.7-295.3 - inclusion of pyrite-bearing felsic lapilli tuff.											
		298.9-300.8 - inclusion of felsic fragmental											
305.1	309.2	DACITE TUFF AND FRAGMENTAL	60	305.10	306.60	1.50	153		1302	142	8730	2.0	41
			61	306.60	308.10	1.50	106		1206	161	4055	1.3	20
		Contact with the overlying syenite is sharp and at 30° to core axis. The tuff is similar to that from 283.3m to 288.6m and forms the upper 1.5m of this section. The dacite fragmental is similar to that from 279.5m to 283.3m. Pyrite content of this section is 2%. The rock is garnet bearing, sericitic and strongly biotitic. The section also contains several bands up to 1.5mm thick of fine grained, massive magnetite. The bands occur parallel to foliation at 40° to core axis.	62	308.10	309.20	1.10	267		684	226	4606	2.4	40
309.2	310.3	SYENITE	63	309.20	310.30	1.10	7		687	16	63	0.1	2
		Coarse feldspar porphyritic, red in colour.											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
310.3	313.6	DACITE (RHYOLITE ?) FRAGMENTAL	64	310.30	312.00	1.70	514		694	279	11723	2.0	76
			65	312.00	313.60	1.60	107		1189	68	6743	1.2	16
		The rock is light grey in colour and made up of 70% dacite (? rhyolite) fragments in a sericite-biotite altered tuff. The fragments contain 5% grey quartz eyes. Fine disseminated pyrite forms 2% of the rock and minor amounts of garnet and tourmaline occur along foliation surfaces. Foliation is at 30° to core axis.											
313.6	318.0	SYENITE											
		Red colour, coarse feldspar porphyritic, magnetic.											
318.0	320.6	DACITE (FELSIC) FRAGMENTAL											
		Similar to that from 310.3m to 313.3m. Here the fragments are stretched at approximately 10:1 parallel to foliation. Pyrite forms 2% of the interval. The tuff matrix is strongly biotitic.											
320.6	321.9	SYENITE											
		Coarse feldspar porphyritic, red colour.											

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)
321.9	324.1	DACITIC (FELSIC) FRAGMENTAL	66	321.90	323.00	1.10	134		1123	28	6513	1.9	16
			67	323.00	324.10	1.10	270						
		Similar to that from 318.0m to 320.6m. Pyrite forms 1%.											
324.1	331.0	SYENITE											
		Coarse feldspar porphyritic, magnetic, red colour.											
		329.5-330.8m felsic fragmental inclusion. Contains 1% pyrite.											

END OF HOLE

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
32.30	-55.00	
78.00	-54.00	
123.70	-54.00	
183.00	-53.00	
250.00	-52.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9510

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	Au (g/t)	Mn (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Pb (ppm)

ASSAYS

DEPTH	INCLINATION	BEARING
299.00	-52.00	
331.00	-52.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9511
Collar Eastings: -1200.00
Collar Northings: 250.00
Collar Elevation: 290.00
Grid: COMTOIS
Claim No.: 5081421

Collar Inclination: -55.00
Grid Bearing: 180.00
Final Depth: 190.00 metres
Test IP Anomaly 800m East of CO9405

Logged by: M. KOZIOL
Date: FEBRUARY 15-17, 1995
Down-hole Survey: ACID TEST
Core size: NQ

FROM	TO	LITHOLOGICAL DESCRIPTION
0	15.2	OVERBURDEN
15.2	60.2	FAULT ZONE The zone contains red and reddish grey rocks that were massive and are intensely fractured. The fractures are filled with chlorite: within the red rock (syenite ?). They are filled with chlorite and minor quartz. There is also some calcite veining developed locally within the fractures. 25.0- 60.2m - this section is dominantly a red grey rock with occasional interbedded green-grey sections. There is a foliation fabric developed at 0 to 50° to core axis, however, most common is at 20° to 30° to core axis. There is also crenulation folding in the grey rock (possibly a tuff). The core is broken and blocky. Only traces of very fine pyrite were observed in some of the quartz veinlets within the red rock. Micro-faulting at 59.0m. 49.0-49.3m Fault gouge, foliated at 30° to core axis. 55.7-56.2 Red syenite dyke with the coarse feldspar

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	Au (ppb)
1	15.20	16.70	1.50	6
2	16.70	18.20	1.50	26
3	18.20	19.70	1.50	23
4	19.70	21.20	1.50	6
5	21.20	22.70	1.50	12
6	22.70	24.20	1.50	5
7	24.20	25.70	1.50	21
8	25.70	27.20	1.50	33
9	27.20	28.70	1.50	12
10	28.70	30.20	1.50	30

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS TO	WIDTH	Au(ppb)
		phenocrysts replaced by chlorite. Upper and lower contacts are at 45° to core axis.					
60.2	66.8	SYENITE					
		The rock is red in colour, medium grained, and feldspar porphyritic. Feldspars make up 10% and are usually <.5cm. Fine grained amphibole makes up 10% and the core is magnetic. Lower contact is at 30° to core axis and sheared for approximately 5cm.					
66.8	75.0	DACITE (FELSIC INTRUSIVE ?)					
		This is a fine grained, massive, reddish brown, and locally grey, rock. There is a foliation at 30° to core axis and the entire interval is hairline fractured and the fractures are filled with chlorite and calcite veinlets. The rock is chloritized and carbonatized. For the most part it is competent and very and soft.					
		73.0-74.0m broken and blocky.					
75.0	79.4	SYENITE					
		Red colour, medium grained, magnetic. Upper and lower					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: COMTOIS
HOLE No.: COM9511

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au(ppb)
		contacts are sharp at 40°.					
79.4	81.1	DACITE (FELSIC INTRUSIVE ?) Similar to above.					
81.1	84.1	SYENITE Red colour, medium grained, similar to that from 75.0m to 79.4m. 802.0-82.5 broken and blocky.					
84.1	99.9	DACITE (FELSIC INTRUSIVE) Rock is reddish brown, strongly foliated with foliation angles ranging from 30° to 50° to core axis, average is 40°. Rock is now chloritic and sericitic, but was massive originally.					
99.9	123.0	FELSIC TO INTERMEDIATE FRAGMENTAL (FRAGMENTED?) ROCK Core is grey and reddish grey, and was brecciated, chloritized and foliated. Foliation angles range from 30°	11 12 13	99.90 101.40 102.90	101.40 102.90 104.40	1.50 1.50 1.50	14 25 10

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		to 80° to core axis, and the most common is 70° to 80°. Few narrow calcite veins occur along fractures and are locally folded with the deformed rock. Altered rock was possibly dacite or andesite fragmental. The core is broken and blocky throughout.					
123.0	134.2	DACITE (RHYOLITE ?) Rock is red in colour, fine grained, massive, intensely chloritized. Locally fractured and fractures are filled with sericite.					
134.2	137.3	SYENITE Contact with above is sharp at 45° to core axis. The rock is red in colour, medium grained, magnetic.					
137.2	151.0	DACITE (RHYOLITE? INTRUSIVE?) The rock is reddish grey in colour, fine grained, massive. It is hairline fractured and calcite and chlorite occur along the fractures. The core is broken and blocky throughout the interval. 142.4-143.0m zebra textured rock, similar to hole 9510.	14	148.10	149.60	1.50	5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
151.0	175.0	GREYWACKE AND CONGLOMERATE	15	149.60	151.10	1.50	9
			16	151.10	152.60	1.50	8
		The rock is a greyish green colour, massive texture in the upper part and clastic texture lower in the interval. The massive portion is fine grained. Conglomerate beds up to 1m thick form 50% of this interval. It is matrix supported (green-grey greywacke) and monolithic. Pebbles are rounded and stretched parallel to foliation at 45° to core axis. The pebbles are pink in colour, fine grained, granite (?)	17	152.60	154.10	1.50	5
175.0	177.6	SYENITE					
		Red colour, medium grained, magnetic.					
177.6	190.0	GREYWACKE	18	187.80	190.00	2.20	13
		The rock is grey-green in colour, foliated (bedded), locally hairline fractured. Fractures are filled with calcite and hematite. Still strongly chloritic. Towards bottom of interval, the greywacke displays patches of red alteration caused by hematite. A 1cm wide quartz-chlorite vein carries minor amounts of pyrite at 189.5m. The vein lies at 5° to core axis.					

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS TO	WIDTH	Au(ppb)

END OF HOLE

NOTE: entire hole is very strongly influenced by the fault.

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
18.30	-55.00	
64.00	-55.00	
108.00	-53.00	
154.00	-53.00	
190.00	-52.00	

APPENDIX B

CHIMITEC Au AND ICP ASSAY CERTIFICATES FOR DIAMOND DRILL HOLES COM9506 TO COM9511

1322 rue Harricana
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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60100.0 (COMPLETE)

REFERENCE: -

CLIENT: CAMECO CORPORATION

PROJECT: CAMF-5214

SUBMITTED BY: MK

DATE PRINTED: 2-FEB-95

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	46	5 PPB	Fire Assay of 30g	30g Fire Assay - AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	46	-150	46	CRUSH/SPLIT & PULV.	46

REPORT COPIES TO: MIKE KOZIOL

INVOICE TO: MIKE KOZIOL

FAX:705-523-4571

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60100.1 (COMPLETE) REFERENCE: -

CLIENT: CAMECO CORPORATION SUBMITTED BY: MK
PROJECT: CAMF-5214 DATE PRINTED: 8-MAR-95

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Al	Aluminum	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
2	Fe	Iron	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Mn	Manganese	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mg	Magnesium	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Ca	Calcium	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Na	Sodium	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	K	Potassium	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Sc	Scandium	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	V	Vanadium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Cr	Chromium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Co	Cobalt	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Ni	Nickel	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Cu	Copper	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Zn	Zinc	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	As	Arsenic	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Sr	Strontium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Y	Yttrium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Mo	Molybdenum	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Ag	Silver	20	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Cd	Cadmium	20	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Sn	Tin	20	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sb	Antimony	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Te	Tellurium	20	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ba	Barium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	La	Lanthanum	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	W	Tungsten	20	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Pb	Lead	20	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Bi	Bismuth	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60100.0 (COMPLETE)

DATE PRINTED: 2-FEB-95
PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-06-001		11
COM95D-06-002		6
COM95D-06-003		6
COM95D-06-004		12
COM95D-06-005		6
COM95D-06-006		10
COM95D-06-007		24
COM95D-06-008		8
COM95D-06-009		8
COM95D-06-010		73
COM95D-06-011		30
COM95D-06-012		1014
COM95D-06-013		78
COM95D-06-014		65
COM95D-06-015		42
COM95D-06-016		105
COM95D-06-017		69
COM95D-06-018		288
COM95D-06-019		216
COM95D-06-020		111
COM95D-06-021		37
COM95D-06-022		103
COM95D-06-023		23
COM95D-06-024		42
COM95D-06-025		33
COM95D-06-026		28
COM95D-06-027		324
COM95D-06-028		302
COM95D-06-029		19
COM95D-06-030		17
COM95D-06-031		67
COM95D-06-032		951
COM95D-06-033		184
COM95D-06-034		262
COM95D-06-035		194
COM95D-06-036		30
COM95D-06-037		13
COM95D-06-038		32
COM95D-06-039		258
COM95D-06-040		9

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-06-041		66
COM95D-06-042		24
COM95D-06-043		11
COM95D-06-044		16
COM95D-06-045		14
COM95D-06-046		28

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60099.0 (COMPLETE)

DATE PRINTED: 2-FEB-95
PROJECT: CAMF-5214
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS Au30 PPB
COM95D-06-047	74	COM95D-06-0095	128
COM95D-06-048	65	COM95D-06-0096	347
COM95D-06-049	131	COM95D-06-0097	54
COM95D-06-050	63	COM95D-06-0098	161
COM95D-06-051	99	COM95D-06-0099	38
COM95D-06-052	50	COM95D-06-0100	27
COM95D-06-053	805	COM95D-06-0101	21
COM95D-06-054	75	COM95D-06-0102	12
COM95D-06-055	286	COM95D-06-0105	5
COM95D-06-056	167	COM95D-06-0106	12
COM95D-06-057	273	COM95D-06-0107	8
COM95D-06-058	122	COM95D-06-0108	11
COM95D-06-059	320	COM95D-06-0109	13
COM95D-06-060	161	COM95D-06-0110	19
COM95D-06-061	123		
COM95D-06-062	13		
COM95D-06-063	1562		
COM95D-06-064	548		
COM95D-06-065	167		
COM95D-06-070	207		
COM95D-06-071	277		
COM95D-06-072	193		
COM95D-06-073	245		
COM95D-06-074	157		
COM95D-06-075	60		
COM95D-06-078	83		
COM95D-06-079	68		
COM95D-06-080	12		
COM95D-06-081	397		
COM95D-06-082	<5		
COM95D-06-083	8		
COM95D-06-0086	104		
COM95D-06-0087	56		
COM95D-06-0088	15		
COM95D-06-0089	17		
COM95D-06-0090	70		
COM95D-06-0091	53		
COM95D-06-0092	100		
COM95D-06-0093	111		
COM95D-06-0094	68		

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CERTIFICAT D'ANALYSE

DATE PRINTED: 1-FEB-95

REPORT: C95-60091.5 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
COM95D-06-069		6.48

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 3-FEB-95

REPORT: C95-60091.0 (COMPLETE)

PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-06-066		179
COM95D-06-067		162
COM95D-06-068		281
COM95D-06-069		4035
COM95D-06-076		58
COM95D-06-077		51
COM95D-06-084		10
COM95D-06-085		17
COM95D-06-0103		25
COM95D-06-0104		30

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60099.0 (COMPLETE)

DATE PRINTED: 2-FEB-95

PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-06-056		167
Duplicate		136
COM95D-06-061		123
Prep Duplicate		95
COM95D-06-0087		56
Duplicate		56
COM95D-06-0106		12
Prep Duplicate		13
Prep Duplicate		13
Duplicate		14

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60091.0 (COMPLETE)

DATE PRINTED: 3-FEB-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-06-067		162
Duplicate		145

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 8-MAR-95

REPORT: C95-60100.1 (COMPLETE) PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-06-027		0.99	1.33	195	0.77	0.69	0.07	0.23	<5	<1	110	3	5
COM95D-06-028		0.95	1.71	140	0.56	0.70	0.07	0.20	<5	<1	118	4	7
COM95D-06-029		1.18	1.72	165	0.64	1.17	0.11	0.13	<5	<1	125	4	8
COM95D-06-030		1.42	1.87	155	0.76	0.83	0.13	0.18	<5	<1	109	5	9
COM95D-06-031		1.25	1.48	132	0.65	0.56	0.11	0.20	<5	<1	97	4	8
COM95D-06-032		1.43	2.09	245	1.02	0.85	0.11	0.20	<5	<1	102	6	10
COM95D-06-033		0.83	1.63	130	0.68	0.36	0.04	0.19	<5	<1	98	4	7
COM95D-06-034		0.58	1.33	93	0.23	1.16	0.04	0.17	<5	<1	117	4	6
COM95D-06-035		0.84	1.17	94	0.33	0.65	0.08	0.15	<5	<1	122	3	4
COM95D-06-036		0.64	1.18	76	0.23	0.47	0.05	0.14	<5	<1	123	3	5
COM95D-06-037		1.08	0.63	138	0.46	0.59	0.10	0.17	<5	<1	97	1	3
COM95D-06-038		1.78	1.13	307	0.94	0.93	0.13	0.25	<5	<1	107	3	5
COM95D-06-039		1.16	1.59	282	0.79	0.51	0.07	0.30	<5	<1	83	3	4
COM95D-06-040		1.14	2.47	821	0.99	1.20	0.06	0.14	<5	24	73	9	2
COM95D-06-041		1.73	1.58	404	1.03	0.98	0.11	0.37	<5	4	83	5	8
COM95D-06-042		2.14	1.26	292	0.91	1.07	0.16	0.47	<5	3	102	3	6
COM95D-06-043		2.24	1.23	293	1.07	1.05	0.17	0.52	<5	4	113	3	9
COM95D-06-044		2.48	1.20	277	1.04	1.41	0.18	0.52	<5	6	94	5	9
COM95D-06-045		2.16	1.36	263	0.91	1.22	0.16	0.30	<5	3	89	4	7
COM95D-06-046		1.70	1.80	312	1.36	1.30	0.10	0.72	<5	22	84	11	29

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60100.1 (COMPLETE)

DATE PRINTED: 8-MAR-95

PROJECT: CAMF-5214 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-06-027		6	28	5	30	2	4	0.2	<0.2	<20	<5	<10	45
COM95D-06-028		13	27	<5	38	2	2	0.3	<0.2	<20	<5	<10	31
COM95D-06-029		6	26	<5	44	2	2	<0.2	<0.2	<20	<5	<10	26
COM95D-06-030		8	65	<5	55	2	5	0.2	0.4	<20	<5	<10	28
COM95D-06-031		5	24	<5	50	3	2	<0.2	<0.2	<20	<5	<10	41
COM95D-06-032		5	33	<5	44	2	2	0.6	<0.2	<20	<5	<10	37
COM95D-06-033		4	18	<5	20	3	2	<0.2	<0.2	<20	<5	<10	30
COM95D-06-034		6	18	<5	21	2	5	0.2	<0.2	<20	<5	<10	35
COM95D-06-035		7	17	<5	37	2	2	<0.2	<0.2	<20	<5	<10	38
COM95D-06-036		5	14	<5	30	2	3	<0.2	<0.2	<20	<5	<10	42
COM95D-06-037		3	34	<5	61	2	2	<0.2	<0.2	<20	<5	<10	37
COM95D-06-038		26	96	<5	63	2	5	<0.2	<0.2	<20	<5	<10	63
COM95D-06-039		191	29	<5	26	3	2	0.5	<0.2	<20	<5	<10	47
COM95D-06-040		10	52	<5	68	10	2	<0.2	<0.2	<20	<5	<10	36
COM95D-06-041		75	42	<5	45	3	4	0.3	<0.2	<20	<5	<10	60
COM95D-06-042		29	32	<5	69	2	2	<0.2	<0.2	<20	<5	<10	66
COM95D-06-043		10	37	<5	70	2	2	<0.2	<0.2	<20	<5	<10	77
COM95D-06-044		5	35	<5	71	2	3	<0.2	<0.2	<20	<5	<10	90
COM95D-06-045		38	29	<5	72	2	4	<0.2	<0.2	<20	<5	<10	58
COM95D-06-046		36	43	<5	77	4	3	<0.2	<0.2	<20	<5	<10	132

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60100.1 (COMPLETE)

DATE PRINTED: 8-MAR-95
PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-06-027		10	<20	3	<5
COM95D-06-028		11	<20	2	<5
COM95D-06-029		12	<20	5	<5
COM95D-06-030		11	<20	11	<5
COM95D-06-031		11	<20	6	<5
COM95D-06-032		12	<20	5	6
COM95D-06-033		12	<20	<2	<5
COM95D-06-034		9	<20	5	<5
COM95D-06-035		9	<20	2	<5
COM95D-06-036		8	<20	<2	<5
COM95D-06-037		8	<20	<2	<5
COM95D-06-038		10	<20	10	<5
COM95D-06-039		13	<20	4	<5
COM95D-06-040		71	<20	4	<5
COM95D-06-041		14	<20	4	<5
COM95D-06-042		10	<20	4	<5
COM95D-06-043		11	<20	6	<5
COM95D-06-044		12	<20	5	<5
COM95D-06-045		10	<20	3	<5
COM95D-06-046		43	<20	4	<5

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RAPPORT D'ANALYSE
GÉOCHIMIQUE

REPORT: C95-60100.1 (COMPLETE)

DATE PRINTED: 8-MAR-95
PROJECT: CAMF-5214 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-06-027		10	<20	3	<5
COM95D-06-028		11	<20	2	<5
COM95D-06-029		12	<20	5	<5
COM95D-06-030		11	<20	11	<5
COM95D-06-031		11	<20	6	<5
COM95D-06-032		12	<20	5	6
COM95D-06-033		12	<20	<2	<5
COM95D-06-034		9	<20	5	<5
COM95D-06-035		9	<20	2	<5
COM95D-06-036		8	<20	<2	<5
COM95D-06-037		8	<20	<2	<5
COM95D-06-038		10	<20	10	<5
COM95D-06-039		13	<20	4	<5
COM95D-06-040		71	<20	4	<5
COM95D-06-041		14	<20	4	<5
COM95D-06-042		10	<20	4	<5
COM95D-06-043		11	<20	6	<5
COM95D-06-044		12	<20	5	<5
COM95D-06-045		10	<20	3	<5
COM95D-06-046		43	<20	4	<5

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REPORT: C95-60100.1 (COMPLETE)

DATE PRINTED: 8-MAR-95
PROJECT: CAMF-5214
PAGE 3A

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-06-027		0.99	1.33	195	0.77	0.69	0.07	0.23	<5	<1	110	3	5
Duplicate		0.95	1.25	184	0.74	0.66	0.06	0.21	<5	<1	103	3	5
COM95D-06-045		2.16	1.36	263	0.91	1.22	0.16	0.30	<5	3	89	4	7
Duplicate		2.33	1.42	276	0.94	1.32	0.17	0.32	<5	3	96	4	7

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PAGE 3B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-06-027		6	28	5	30	2	4	0.2	<0.2	<20	<5	<10	45
Duplicate		6	27	<5	28	2	4	<0.2	<0.2	<20	<5	<10	42
COM95D-06-045		38	29	<5	72	2	4	<0.2	<0.2	<20	<5	<10	58
Duplicate		40	30	6	77	2	4	<0.2	<0.2	<20	<5	<10	62

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SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-06-027		10	<20	3	<5
Duplicate		9	<20	3	<5
COM95D-06-045		10	<20	3	<5
Duplicate		11	<20	3	<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60099.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-06-047		1.47	1.62	336	0.70	0.92	0.06	0.46	<5	5	108	5	7
COM95D-06-048		1.42	1.63	443	0.70	0.96	0.06	0.48	<5	6	114	7	7
COM95D-06-049		1.29	1.51	356	0.42	0.98	0.07	0.39	<5	7	110	7	9
COM95D-06-050		1.98	1.28	407	0.48	1.77	0.09	0.33	<5	5	110	5	7
COM95D-06-051		2.10	1.35	405	0.52	1.99	0.08	0.33	<5	6	105	5	6
COM95D-06-052		1.93	1.40	354	0.43	1.71	0.10	0.29	<5	6	97	6	7
COM95D-06-053		2.67	2.04	433	0.59	2.11	0.15	0.33	<5	7	90	6	9
COM95D-06-054		2.54	1.29	400	0.52	2.54	0.16	0.34	<5	6	96	3	6
COM95D-06-055		2.41	1.69	322	0.48	1.59	0.19	0.34	<5	5	86	4	6
COM95D-06-056		3.04	1.38	342	0.51	1.89	0.25	0.39	<5	5	90	3	6
COM95D-06-057		3.29	1.97	418	0.62	2.27	0.26	0.44	<5	6	104	5	9
COM95D-06-058		2.89	1.49	420	0.51	2.40	0.22	0.39	<5	5	102	4	6
COM95D-06-059		2.98	1.53	465	0.51	2.27	0.21	0.39	<5	6	109	4	6
COM95D-06-060		2.89	1.31	383	0.41	2.05	0.22	0.37	<5	5	99	4	6
COM95D-06-061		2.70	1.58	414	0.66	1.82	0.19	0.46	<5	7	116	5	8
COM95D-06-062		1.26	2.53	868	0.82	1.27	0.08	0.71	<5	32	77	10	3
COM95D-06-063		1.82	1.51	287	0.57	1.43	0.09	0.34	<5	6	92	7	7
COM95D-06-064		2.45	2.03	557	1.22	1.76	0.08	0.59	<5	8	101	7	8
COM95D-06-065		1.72	1.54	495	1.17	0.83	0.07	0.58	<5	7	111	6	7
COM95D-06-070		1.98	1.66	518	0.76	1.98	0.05	0.39	<5	8	98	5	7
COM95D-06-071		2.03	1.50	496	0.84	1.54	0.06	0.47	<5	7	95	5	6
COM95D-06-072		1.68	1.45	434	0.74	1.22	0.06	0.36	<5	6	96	6	7
COM95D-06-073		2.00	1.68	514	0.85	1.42	0.08	0.39	<5	6	101	6	7
COM95D-06-074		2.07	1.47	421	0.84	1.55	0.09	0.46	<5	6	102	6	7
COM95D-06-075		2.24	1.46	418	1.15	1.30	0.10	0.69	<5	7	112	3	7
COM95D-06-078		2.84	1.54	337	1.00	1.70	0.22	0.47	<5	6	97	4	9
COM95D-06-079		2.89	1.43	306	1.04	1.32	0.25	0.62	<5	7	119	4	8
COM95D-06-080		2.55	1.39	275	1.07	1.64	0.25	0.51	<5	8	113	5	9
COM95D-06-081		3.01	1.65	287	1.11	1.35	0.29	0.67	<5	8	121	5	9
COM95D-06-082		1.89	1.56	338	1.10	0.75	0.14	0.67	<5	10	122	5	9
COM95D-06-083		1.77	1.31	247	0.97	0.79	0.14	0.53	<5	8	117	3	7
COM95D-06-086		2.56	1.68	296	1.11	1.25	0.23	0.56	<5	8	121	3	9
COM95D-06-087		2.75	1.55	302	1.06	1.24	0.28	0.61	<5	8	123	3	7
COM95D-06-088		2.72	1.67	317	1.13	1.32	0.24	0.57	<5	9	112	3	8
COM95D-06-089		1.43	1.52	366	0.81	0.80	0.10	0.31	<5	10	118	4	8
COM95D-06-090		2.03	1.86	432	1.11	1.16	0.15	0.35	<5	11	108	4	6
COM95D-06-091		2.41	2.30	384	1.21	1.44	0.24	0.49	<5	8	136	11	8
COM95D-06-092		1.78	1.91	370	1.21	1.08	0.15	0.31	<5	8	113	8	9
COM95D-06-093		2.33	2.00	371	1.19	1.31	0.26	0.58	<5	8	133	6	10
COM95D-06-094		1.42	1.62	300	0.99	0.82	0.12	0.34	<5	6	113	4	8

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REPORT: C95-60099.1 (COMPLETE)

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PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-06-047		82	76	<5	29	4	3	0.3	<0.2	<20	<5	<10	81
COM95D-06-048		34	95	<5	27	4	12	0.4	<0.2	<20	<5	<10	87
COM95D-06-049		164	87	<5	35	5	4	0.7	0.6	<20	<5	<10	75
COM95D-06-050		169	88	<5	45	3	3	0.5	0.7	<20	<5	<10	60
COM95D-06-051		370	56	7	38	3	2	1.2	<0.2	<20	<5	<10	55
COM95D-06-052		145	60	7	42	3	2	0.5	0.2	<20	<5	<10	56
COM95D-06-053		1190	84	13	64	3	3	3.2	0.7	<20	<5	<10	54
COM95D-06-054		102	63	10	77	3	3	0.2	0.2	<20	<5	<10	66
COM95D-06-055		136	44	<5	82	3	8	0.4	<0.2	<20	<5	<10	75
COM95D-06-056		91	38	9	107	2	3	0.3	<0.2	<20	<5	<10	78
COM95D-06-057		116	44	19	109	2	3	0.6	<0.2	<20	<5	<10	78
COM95D-06-058		92	81	13	91	3	4	0.3	<0.2	<20	<5	<10	72
COM95D-06-059		114	48	8	88	3	2	0.4	<0.2	<20	<5	<10	74
COM95D-06-060		103	35	8	89	3	2	0.3	<0.2	<20	<5	<10	73
COM95D-06-061		28	42	8	76	3	2	0.2	<0.2	<20	<5	<10	75
COM95D-06-062		7	86	<5	126	13	3	<0.2	<0.2	<20	<5	<10	85
COM95D-06-063		245	41	8	37	4	2	1.8	<0.2	<20	<5	<10	62
COM95D-06-064		19	76	10	39	3	4	0.4	<0.2	<20	<5	<10	67
COM95D-06-065		37	628	9	24	4	5	0.4	6.4	<20	<5	<10	56
COM95D-06-070		139	75	6	24	4	8	0.9	0.3	<20	<5	<10	48
COM95D-06-071		38	50	6	24	4	2	0.6	<0.2	<20	<5	<10	49
COM95D-06-072		23	110	8	23	4	2	0.6	0.5	<20	<5	<10	53
COM95D-06-073		43	80	6	32	4	2	0.7	0.2	<20	<5	<10	54
COM95D-06-074		87	77	6	36	3	4	0.7	<0.2	<20	<5	<10	65
COM95D-06-075		49	43	7	34	3	3	0.3	<0.2	<20	<5	<10	81
COM95D-06-078		46	31	10	68	3	7	0.3	<0.2	<20	<5	<10	89
COM95D-06-079		33	31	14	78	3	4	<0.2	<0.2	<20	<5	<10	108
COM95D-06-080		9	33	9	87	3	5	<0.2	<0.2	<20	<5	<10	82
COM95D-06-081		74	37	10	94	2	4	<0.2	<0.2	<20	<5	<10	128
COM95D-06-082		6	35	9	40	4	7	<0.2	<0.2	<20	<5	<10	117
COM95D-06-083		4	33	8	44	3	3	<0.2	<0.2	<20	<5	<10	99
COM95D-06-086		5	53	8	84	2	4	<0.2	<0.2	<20	<5	<10	106
COM95D-06-087		15	34	9	94	2	2	<0.2	<0.2	<20	<5	<10	123
COM95D-06-088		18	28	14	82	2	3	<0.2	<0.2	<20	<5	<10	135
COM95D-06-089		13	39	<5	64	5	3	<0.2	<0.2	<20	<5	<10	73
COM95D-06-090		22	51	14	70	4	5	<0.2	<0.2	<20	<5	<10	97
COM95D-06-091		7	29	13	82	2	3	<0.2	<0.2	<20	<5	<10	116
COM95D-06-092		45	30	<5	49	3	2	<0.2	<0.2	<20	<5	<10	94
COM95D-06-093		71	26	7	81	2	3	0.3	<0.2	<20	<5	<10	160
COM95D-06-094		64	72	8	41	3	2	0.4	0.2	<20	<5	<10	101

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COM95D-06-047		19	<20	12	<5
COM95D-06-048		19	<20	8	<5
COM95D-06-049		23	<20	6	<5
COM95D-06-050		15	<20	7	<5
COM95D-06-051		16	<20	7	<5
COM95D-06-052		17	<20	13	<5
COM95D-06-053		18	<20	11	5
COM95D-06-054		14	<20	9	<5
COM95D-06-055		16	<20	7	<5
COM95D-06-056		15	<20	8	<5
COM95D-06-057		16	<20	8	<5
COM95D-06-058		15	<20	10	<5
COM95D-06-059		16	<20	8	<5
COM95D-06-060		15	<20	9	<5
COM95D-06-061		15	<20	8	<5
COM95D-06-062		82	<20	6	<5
COM95D-06-063		17	<20	16	<5
COM95D-06-064		16	<20	41	<5
COM95D-06-065		17	<20	116	<5
COM95D-06-070		16	<20	15	<5
COM95D-06-071		14	<20	11	<5
COM95D-06-072		14	<20	22	<5
COM95D-06-073		14	<20	15	<5
COM95D-06-074		15	<20	10	<5
COM95D-06-075		15	<20	9	<5
COM95D-06-078		14	<20	7	<5
COM95D-06-079		14	<20	6	<5
COM95D-06-080		15	<20	7	<5
COM95D-06-081		15	<20	6	<5
COM95D-06-082		22	<20	6	<5
COM95D-06-083		18	<20	4	<5
COM95D-06-086		13	<20	11	<5
COM95D-06-087		13	<20	9	<5
COM95D-06-088		14	<20	9	<5
COM95D-06-089		29	<20	5	<5
COM95D-06-090		26	<20	13	<5
COM95D-06-091		14	<20	10	<5
COM95D-06-092		15	<20	9	<5
COM95D-06-093		14	<20	11	<5
COM95D-06-094		13	<20	46	<5

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COM95D-06-095		1.46	2.05	341	1.00	0.74	0.13	0.41	<5	5	117	8	9
COM95D-06-096		1.30	2.52	336	0.86	0.66	0.12	0.39	<5	6	142	12	14
COM95D-06-097		2.67	3.39	695	1.98	1.68	0.16	0.74	<5	45	252	22	89
COM95D-06-098		3.73	3.45	543	2.12	2.71	0.34	0.79	<5	50	305	24	147
COM95D-06-099		3.30	5.25	750	2.81	1.60	0.20	0.47	6	57	311	43	182
COM95D-06-100		2.81	4.15	549	2.24	0.78	0.22	0.69	6	53	223	21	70
COM95D-06-101		2.59	3.64	612	2.55	2.39	0.10	0.40	<5	49	218	26	91
COM95D-06-102		2.37	3.41	623	2.60	1.37	0.18	0.13	<5	48	268	31	134
COM95D-06-105		3.02	2.82	355	1.95	2.22	0.29	0.44	<5	50	315	19	143
COM95D-06-106		2.59	2.33	366	1.71	2.58	0.18	0.28	<5	43	266	25	121
COM95D-06-107		2.58	2.73	334	1.80	2.28	0.17	0.35	<5	48	290	25	140
COM95D-06-108		2.63	4.42	541	2.71	1.32	0.16	0.52	5	51	319	29	117
COM95D-06-109		2.70	3.87	351	2.08	1.86	0.24	0.33	<5	47	287	35	143
COM95D-06-110		2.17	4.58	290	1.73	1.68	0.19	0.37	<5	47	271	33	119

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COM95D-06-095		5	87	<5	42	3	5	0.2	0.2	<20	<5	<10	106
COM95D-06-096		10	23	<5	40	3	3	0.4	<0.2	<20	<5	<10	76
COM95D-06-097		65	195	14	76	3	8	0.3	0.2	<20	<5	<10	125
COM95D-06-098		423	58	17	154	1	3	0.9	<0.2	<20	<5	<10	120
COM95D-06-099		59	137	34	75	2	4	0.6	<0.2	<20	<5	<10	64
COM95D-06-100		69	100	11	68	3	4	0.4	<0.2	<20	<5	<10	85
COM95D-06-101		23	113	22	44	2	6	0.3	<0.2	<20	<5	<10	96
COM95D-06-102		7	243	28	85	2	3	<0.2	1.9	<20	<5	<10	35
COM95D-06-105		4	44	8	135	2	2	<0.2	<0.2	<20	<5	<10	92
COM95D-06-106		9	39	12	121	2	2	<0.2	<0.2	<20	<5	<10	85
COM95D-06-107		13	40	9	116	1	2	<0.2	<0.2	<20	<5	<10	90
COM95D-06-108		43	68	12	46	2	3	0.3	<0.2	<20	<5	<10	56
COM95D-06-109		17	86	13	92	2	6	<0.2	<0.2	<20	<5	<10	53
COM95D-06-110		20	68	10	65	2	4	0.2	<0.2	<20	<5	<10	31

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60099.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-06-095		14	<20	23	<5
COM95D-06-096		15	<20	14	<5
COM95D-06-097		20	<20	40	<5
COM95D-06-098		21	<20	30	<5
COM95D-06-099		27	<20	58	<5
COM95D-06-100		18	<20	29	<5
COM95D-06-101		17	<20	39	<5
COM95D-06-102		18	<20	113	<5
COM95D-06-105		16	<20	13	<5
COM95D-06-106		16	<20	7	<5
COM95D-06-107		17	<20	8	<5
COM95D-06-108		22	<20	17	6
COM95D-06-109		20	<20	21	<5
COM95D-06-110		21	<20	17	<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-MAR-95

REPORT: C95-60099.1 (COMPLETE)

PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-06-056		3.04	1.38	342	0.51	1.89	0.25	0.39	<5	5	90	3	6
Duplicate		3.10	1.37	345	0.51	1.91	0.26	0.40	<5	5	92	3	5
COM95D-06-061		2.70	1.58	414	0.66	1.82	0.19	0.46	<5	7	116	5	8
Prep Duplicate		2.53	1.74	454	0.73	2.06	0.19	0.46	<5	6	122	6	8
COM95D-06-079		2.89	1.43	306	1.04	1.32	0.25	0.62	<5	7	119	4	8
Duplicate		2.93	1.46	312	1.07	1.35	0.26	0.62	<5	7	118	4	8
COM95D-06-100		2.81	4.15	549	2.24	0.78	0.22	0.69	6	53	223	21	70
Duplicate		2.66	4.03	525	2.01	0.75	0.20	0.65	6	52	217	20	68
COM95D-06-106		2.59	2.33	366	1.71	2.58	0.18	0.28	<5	43	266	25	121
Prep Duplicate		2.56	2.38	361	1.55	2.54	0.18	0.26	<5	43	260	26	118

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RAPPORT D'ANALYSE GÉOCHIMIQUE

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-06-056		91	38	9	107	2	3	0.3	<0.2	<20	<5	<10	78
Duplicate		90	38	9	109	2	3	0.3	<0.2	<20	<5	<10	80
COM95D-06-061		28	42	8	76	3	2	0.2	<0.2	<20	<5	<10	75
Prep Duplicate		31	42	13	79	3	4	0.2	<0.2	<20	<5	<10	85
COM95D-06-079		33	31	14	78	3	4	<0.2	<0.2	<20	<5	<10	108
Duplicate		33	32	13	79	3	4	<0.2	<0.2	<20	<5	<10	109
COM95D-06-100		69	100	11	68	3	4	0.4	<0.2	<20	<5	<10	85
Duplicate		66	97	10	64	2	4	0.4	<0.2	<20	<5	<10	85
COM95D-06-106		9	39	12	121	2	2	<0.2	<0.2	<20	<5	<10	85
Prep Duplicate		10	39	19	119	2	3	<0.2	<0.2	<20	<5	<10	81

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-MAR-95

REPORT: C95-60099.1 (COMPLETE) PROJECT: CAMF-5214

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-06-056		15	<20	8	<5
Duplicate		15	<20	8	<5
COM95D-06-061		15	<20	8	<5
Prep Duplicate		15	<20	11	<5
COM95D-06-079		14	<20	6	<5
Duplicate		14	<20	8	<5
COM95D-06-100		18	<20	29	<5
Duplicate		17	<20	30	<5
COM95D-06-106		16	<20	7	<5
Prep Duplicate		16	<20	8	<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 16-MAR-95

REPORT: C95-60091.1 (COMPLETE)

PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-06-066		1.36	1.52	445	0.82	1.43	0.06	0.51	<5	4	139	5	9
COM95D-06-067		1.22	1.53	409	0.73	1.18	0.05	0.39	<5	4	102	4	7
COM95D-06-068		1.54	1.67	475	0.71	1.40	0.05	0.43	<5	5	123	4	8
COM95D-06-069		1.83	1.67	487	0.67	2.02	0.05	0.40	<5	5	107	5	7
COM95D-06-076		2.57	1.55	402	1.11	1.69	0.17	0.66	<5	5	139	5	9
COM95D-06-077		2.08	1.75	504	0.99	1.46	0.15	0.63	<5	7	86	15	6
COM95D-06-084		1.88	1.37	296	1.07	0.93	0.16	0.52	<5	6	144	3	9
COM95D-06-085		2.43	1.69	328	1.17	1.16	0.26	0.62	<5	7	115	3	9
COM95D-06-103		2.66	4.88	732	2.93	0.87	0.12	0.10	7	64	315	35	131
COM95D-06-104		3.58	6.82	622	2.81	0.83	0.16	0.55	9	69	335	40	128

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60091.1 (COMPLETE)

DATE PRINTED: 16-MAR-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-06-066		187	166	<5	45	5	3	0.7	1.0	<20	<5	<10	57
COM95D-06-067		204	998	<5	26	5	4	0.8	10.1	<20	<5	<10	52
COM95D-06-068		70	139	<5	31	5	3	0.6	0.3	<20	<5	<10	60
COM95D-06-069		132	75	<5	30	4	2	1.1	<0.2	<20	<5	<10	57
COM95D-06-076		73	34	<5	62	3	4	0.3	<0.2	<20	<5	<10	90
COM95D-06-077		34	39	<5	56	5	5	<0.2	<0.2	<20	<5	<10	109
COM95D-06-084		3	36	<5	56	3	4	<0.2	<0.2	<20	<5	<10	115
COM95D-06-085		5	38	7	90	3	3	<0.2	<0.2	<20	<5	<10	118
COM95D-06-103		7	369	14	50	10	241	1.7	3.0	<20	<5	<10	25
COM95D-06-104		21	98	23	148	3	8	0.3	<0.2	<20	<5	<10	23

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REPORT: C95-60091.1 (COMPLETE)

DATE PRINTED: 16-MAR-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-06-066		17	<20	56	<5
COM95D-06-067		19	<20	51	<5
COM95D-06-068		22	<20	39	<5
COM95D-06-069		19	<20	15	<5
COM95D-06-076		16	<20	8	<5
COM95D-06-077		25	<20	6	<5
COM95D-06-084		17	<20	4	<5
COM95D-06-085		17	<20	7	<5
COM95D-06-103		26	<20	85	<5
COM95D-06-104		37	<20	10	10

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DATE PRINTED: 16-MAR-95

REPORT: C95-60091.1 (COMPLETE)

PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-06-067		1.22	1.53	409	0.73	1.18	0.05	0.39	<5	4	102	4	7
Duplicate		1.02	1.30	348	0.63	1.01	0.04	0.32	<5	3	89	4	6

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REPORT: C95-60091.1 (COMPLETE)

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PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-06-067		204	998	<5	26	5	4	0.8	10.1	<20	<5	<10	52
Duplicate		168	842	<5	21	4	4	0.7	8.7	<20	<5	<10	43

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60091.1 (COMPLETE)

DATE PRINTED: 16-MAR-95
PROJECT: NONE
PAGE 3C

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-06-067		19	<20	51	<5
Duplicate		16	<20	45	<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60107.0 (COMPLETE) DATE PRINTED: 7-FEB-95
PROJECT: NONE PAGE 1

SAMPLE NUMBER	ELEMENT UNITS Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS Au30 PPB
COM95D-07-001	21	COM95D-07-041	571
COM95D-07-002	9	COM95D-07-042	155
COM95D-07-003	274	COM95D-07-043	417
COM95D-07-004	372	COM95D-07-044	294
COM95D-07-005	382	COM95D-07-045	79
COM95D-07-006	102	COM95D-07-046	126
COM95D-07-007	76	COM95D-07-047	222
COM95D-07-008	506	COM95D-07-048	117
COM95D-07-009	95	COM95D-07-049	307
COM95D-07-010	2726	COM95D-07-050	135
COM95D-07-011	367	COM95D-07-051	358
COM95D-07-012	1711	COM95D-07-052	898
COM95D-07-013	124	COM95D-07-053	370
COM95D-07-014	166	COM95D-07-054	244
COM95D-07-015	289	COM95D-07-055	1417
COM95D-07-016	292	COM95D-07-056	3155
COM95D-07-017	5067	COM95D-07-057	1352
COM95D-07-018	>10000	COM95D-07-058	145
COM95D-07-019	3810	COM95D-07-059	458
COM95D-07-020	9	COM95D-07-060	188
COM95D-07-021	6	COM95D-07-061	246
COM95D-07-022	16	COM95D-07-062	257
COM95D-07-023	15	COM95D-07-063	159
COM95D-07-024	24		
COM95D-07-025	10		
COM95D-07-026	11		
COM95D-07-027	11		
COM95D-07-028	7		
COM95D-07-029	6		
COM95D-07-030	7		
COM95D-07-031	7		
COM95D-07-032	1223		
COM95D-07-033	4887		
COM95D-07-034	468		
COM95D-07-035	302		
COM95D-07-036	267		
COM95D-07-037	2549		
COM95D-07-038	1228		
COM95D-07-039	270		
COM95D-07-040	635		

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CERTIFICAT D'ANALYSE

DATE PRINTED: 8-FEB-95

REPORT: C95-60107.5 (COMPLETE)

PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
COM95D-07-017		6.27
COM95D-07-018		23.93
COM95D-07-019		7.99
COM95D-07-033		5.73
COM95D-07-056		4.01

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60139.0 (COMPLETE)

DATE PRINTED: 16-FEB-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-07-064		8
COM95D-07-065		25
COM95D-07-066		54
COM95D-07-067		13
COM95D-07-068		<5
COM95D-07-069		<5
COM95D-07-070		30
COM95D-07-071		22
COM95D-09-001		36
COM95D-09-002		9
COM95D-09-003		<5
COM95D-09-004		16
COM95D-09-005		14
COM95D-09-006		12
COM95D-09-007		13
COM95D-09-008		156
COM95D-09-009		10
COM95D-09-010		<5
COM95D-09-011		38
COM95D-09-012		113
COM95D-09-013		22
COM95D-09-014		72
COM95D-09-015		1237
COM95D-09-016		156
COM95D-09-017		370
COM95D-09-018		32
COM95D-09-019		42
COM95D-09-020		86
COM95D-09-021		38
COM95D-09-022		1708
COM95D-09-023		960
COM95D-09-024		<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60139.0 (COMPLETE)

DATE PRINTED: 16-FEB-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-09-002		9
Duplicate		6
COM95D-09-022		1708
Prep Duplicate		1856
Prep Duplicate		1856
Duplicate		1707

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60107.0 (COMPLETE)

DATE PRINTED: 7-FEB-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-07-004		372
Duplicate		321
COM95D-07-031		7
Duplicate		74
COM95D-07-034		468
Prep Duplicate		414
COM95D-07-053		370
Duplicate		311
COM95D-07-054		244
Prep Duplicate		263

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60107.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-07-001		2.15	2.98	573	1.60	3.90	0.14	0.37	<5	36	91	34	55
COM95D-07-002		1.34	1.91	425	1.02	2.79	0.06	0.34	<5	28	109	13	49
COM95D-07-003		2.37	5.41	697	1.50	0.59	0.12	1.17	<5	42	121	29	45
COM95D-07-004		2.80	6.32	866	1.78	0.74	0.10	1.12	6	58	113	33	45
COM95D-07-005		3.44	4.17	780	1.66	1.53	0.19	1.23	5	56	105	26	39
COM95D-07-006		3.26	3.80	774	1.75	1.39	0.17	1.12	<5	54	116	18	39
COM95D-07-007		3.32	4.48	895	2.05	1.05	0.13	1.36	7	75	130	21	53
COM95D-07-008		0.83	2.89	224	0.51	0.23	0.04	0.27	<5	<1	51	11	5
COM95D-07-009		1.04	1.68	291	0.54	0.45	0.05	0.33	<5	<1	72	4	2
COM95D-07-010		0.80	4.27	477	0.41	1.01	0.03	0.41	<5	3	77	29	3
COM95D-07-011		0.74	2.63	401	0.42	0.82	0.02	0.30	<5	2	56	6	2
COM95D-07-012		0.81	3.44	249	0.45	0.26	0.02	0.29	<5	<1	106	9	3
COM95D-07-013		1.10	3.53	378	0.68	0.34	0.03	0.36	<5	2	75	10	13
COM95D-07-014		0.96	1.94	351	0.54	0.52	0.02	0.36	<5	<1	92	4	4
COM95D-07-015		0.89	2.35	291	0.42	0.40	0.03	0.33	<5	<1	80	4	2
COM95D-07-016		1.11	2.81	347	0.59	0.27	0.03	0.38	<5	<1	92	5	5
COM95D-07-017		0.84	4.13	309	0.37	0.42	0.02	0.28	<5	<1	84	11	11
COM95D-07-018		0.84	3.99	308	0.46	0.36	0.02	0.28	<5	<1	81	9	8
COM95D-07-019		0.85	4.07	316	0.51	0.18	0.02	0.35	<5	<1	71	12	7
COM95D-07-020		0.46	1.25	263	0.31	0.97	0.08	0.15	<5	5	98	4	4
COM95D-07-021		0.56	0.97	230	0.32	0.90	0.06	0.19	<5	5	97	3	3
COM95D-07-022		0.49	0.70	134	0.18	0.50	0.04	0.20	<5	5	103	3	4
COM95D-07-023		0.42	0.84	174	0.20	1.09	0.05	0.15	<5	4	106	3	3
COM95D-07-024		0.54	0.97	205	0.29	0.70	0.06	0.17	<5	4	111	4	5
COM95D-07-025		0.47	1.32	244	0.34	0.97	0.07	0.14	<5	5	74	4	2
COM95D-07-026		0.49	1.22	231	0.41	0.86	0.07	0.13	<5	7	83	4	5
COM95D-07-027		0.45	1.30	237	0.34	0.99	0.07	0.11	<5	6	65	4	3
COM95D-07-028		1.23	2.05	513	1.43	2.37	0.06	0.42	<5	19	93	11	22
COM95D-07-029		0.46	1.16	252	0.30	1.11	0.06	0.13	<5	3	57	3	3
COM95D-07-030		0.56	1.25	260	0.42	1.25	0.07	0.15	<5	5	98	4	3
COM95D-07-031		0.48	1.16	263	0.29	0.87	0.07	0.17	<5	4	66	4	3
COM95D-07-032		0.84	2.29	367	0.48	0.56	0.01	0.42	<5	1	79	6	7
COM95D-07-033		0.81	4.13	274	0.40	0.25	0.02	0.36	<5	<1	81	7	8
COM95D-07-034		0.82	1.99	378	0.47	0.54	0.02	0.40	<5	1	95	4	7
COM95D-07-035		0.87	1.87	454	0.49	0.57	0.01	0.38	<5	1	86	3	6
COM95D-07-036		0.93	2.20	381	0.43	0.42	0.02	0.41	<5	<1	98	5	7
COM95D-07-037		0.94	4.43	327	0.30	0.30	0.03	0.36	<5	<1	75	9	6
COM95D-07-038		0.94	3.74	322	0.39	0.40	0.03	0.36	<5	<1	94	7	7
COM95D-07-039		1.18	2.65	350	0.39	0.64	0.05	0.41	<5	1	80	7	7
COM95D-07-040		1.34	3.02	444	0.50	0.94	0.06	0.52	<5	<1	69	7	6

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60107.1 (COMPLETE)

DATE PRINTED: 15-MAR-95

PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-07-001		76	45	12	101	3	2	0.3	<0.2	<20	<5	<10	91
COM95D-07-002		67	20	<5	78	3	4	<0.2	<0.2	<20	<5	<10	96
COM95D-07-003		35	48	7	81	2	3	0.5	<0.2	<20	<5	<10	34
COM95D-07-004		190	65	<5	75	2	4	0.9	<0.2	<20	<5	<10	36
COM95D-07-005		531	102	13	181	3	3	1.5	<0.2	<20	<5	<10	85
COM95D-07-006		200	131	15	97	2	5	0.8	<0.2	<20	<5	<10	122
COM95D-07-007		189	222	16	64	3	3	0.8	0.3	<20	<5	<10	137
COM95D-07-008		81	312	<5	17	3	3	0.8	1.2	<20	<5	<10	29
COM95D-07-009		41	64	<5	24	3	2	0.5	<0.2	<20	<5	<10	44
COM95D-07-010		346	112	<5	31	6	12	4.4	0.6	<20	<5	<10	26
COM95D-07-011		26	40	<5	30	5	4	0.8	<0.2	<20	<5	<10	49
COM95D-07-012		23	82	<5	14	3	4	1.3	<0.2	<20	<5	<10	34
COM95D-07-013		9	98	<5	18	4	3	0.4	<0.2	<20	<5	<10	43
COM95D-07-014		26	76	<5	23	4	2	0.4	0.2	<20	<5	<10	56
COM95D-07-015		143	50	<5	23	3	2	1.0	0.2	<20	<5	<10	48
COM95D-07-016		383	158	<5	17	3	3	1.2	0.3	<20	<5	<10	53
COM95D-07-017		597	185	<5	13	4	4	6.1	1.5	<20	<5	<10	37
COM95D-07-018		631	188	<5	13	5	4	5.6	1.0	<20	<5	<10	30
COM95D-07-019		907	651	<5	17	4	4	4.1	3.2	<20	<5	<10	29
COM95D-07-020		17	33	<5	49	4	7	<0.2	0.2	<20	<5	<10	39
COM95D-07-021		11	27	<5	51	4	2	<0.2	<0.2	<20	<5	<10	54
COM95D-07-022		10	24	<5	48	5	2	<0.2	<0.2	<20	<5	<10	60
COM95D-07-023		12	25	<5	55	8	5	<0.2	<0.2	<20	<5	<10	41
COM95D-07-024		9	26	<5	57	6	2	<0.2	<0.2	<20	<5	<10	52
COM95D-07-025		7	21	<5	33	4	2	<0.2	<0.2	<20	<5	<10	46
COM95D-07-026		9	23	<5	29	5	1	<0.2	<0.2	<20	<5	<10	38
COM95D-07-027		8	30	<5	26	4	2	<0.2	<0.2	<20	<5	<10	29
COM95D-07-028		13	67	<5	134	4	3	<0.2	<0.2	<20	<5	<10	57
COM95D-07-029		6	26	<5	35	3	1	<0.2	<0.2	<20	<5	<10	41
COM95D-07-030		28	27	<5	33	4	3	<0.2	<0.2	<20	<5	<10	44
COM95D-07-031		7	32	<5	49	4	2	<0.2	<0.2	<20	<5	<10	56
COM95D-07-032		355	313	<5	27	4	3	1.7	1.3	<20	<5	<10	57
COM95D-07-033		1819	525	<5	15	4	4	7.6	2.8	<20	<5	12	27
COM95D-07-034		484	124	<5	21	5	3	1.2	0.5	<20	<5	<10	62
COM95D-07-035		341	329	<5	21	5	2	0.9	1.6	<20	<5	<10	62
COM95D-07-036		335	611	<5	19	5	3	0.8	3.0	<20	<5	<10	61
COM95D-07-037		1365	866	<5	12	4	3	4.8	7.3	<20	<5	<10	33
COM95D-07-038		567	414	<5	16	4	5	1.6	2.4	<20	<5	<10	42
COM95D-07-039		331	806	<5	27	4	3	1.2	4.9	<20	<5	<10	53
COM95D-07-040		402	475	<5	37	4	2	1.6	2.5	<20	<5	<10	59

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REPORT: C95-60107.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-07-001		22	<20	3	<5
COM95D-07-002		16	<20	<2	<5
COM95D-07-003		28	<20	3	<5
COM95D-07-004		33	<20	3	<5
COM95D-07-005		24	<20	5	<5
COM95D-07-006		24	<20	6	<5
COM95D-07-007		27	<20	15	<5
COM95D-07-008		18	<20	5	<5
COM95D-07-009		16	<20	3	<5
COM95D-07-010		35	<20	3	<5
COM95D-07-011		27	<20	<2	<5
COM95D-07-012		22	<20	<2	5
COM95D-07-013		23	<20	<2	<5
COM95D-07-014		19	<20	2	<5
COM95D-07-015		19	<20	<2	<5
COM95D-07-016		21	<20	<2	<5
COM95D-07-017		28	<20	3	9
COM95D-07-018		30	<20	2	7
COM95D-07-019		24	<20	<2	5
COM95D-07-020		27	<20	<2	<5
COM95D-07-021		30	<20	<2	<5
COM95D-07-022		24	<20	<2	<5
COM95D-07-023		26	<20	2	<5
COM95D-07-024		26	<20	<2	<5
COM95D-07-025		27	<20	<2	<5
COM95D-07-026		26	<20	<2	<5
COM95D-07-027		28	<20	<2	<5
COM95D-07-028		38	<20	3	<5
COM95D-07-029		26	<20	<2	<5
COM95D-07-030		29	<20	<2	<5
COM95D-07-031		27	<20	<2	<5
COM95D-07-032		18	<20	2	<5
COM95D-07-033		28	<20	<2	16
COM95D-07-034		20	<20	2	<5
COM95D-07-035		19	<20	<2	<5
COM95D-07-036		21	<20	3	<5
COM95D-07-037		29	<20	<2	<5
COM95D-07-038		27	<20	2	<5
COM95D-07-039		24	<20	17	<5
COM95D-07-040		24	<20	32	<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-MAR-95

REPORT: C95-60107.1 (COMPLETE) PROJECT: NONE PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-07-041		1.24	2.78	434	0.34	0.76	0.06	0.49	<5	<1	121	6	7
COM95D-07-042		1.33	2.25	508	0.55	0.86	0.04	0.53	<5	2	78	6	5
COM95D-07-043		1.02	2.67	427	0.49	0.60	0.03	0.45	<5	<1	84	7	6
COM95D-07-044		0.85	2.61	295	0.60	0.19	0.02	0.38	<5	<1	68	7	5
COM95D-07-045		0.92	2.47	315	0.53	0.43	0.02	0.40	<5	<1	89	5	6
COM95D-07-046		0.89	3.30	336	0.43	0.42	0.02	0.40	<5	<1	81	7	6
COM95D-07-047		1.03	2.46	343	0.50	0.62	0.02	0.37	<5	<1	86	5	6
COM95D-07-048		1.27	2.80	380	0.62	0.44	0.04	0.48	<5	<1	79	4	4
COM95D-07-049		1.30	3.89	345	0.66	0.45	0.06	0.55	<5	2	104	7	9
COM95D-07-050		1.44	2.66	486	1.29	0.70	0.07	0.84	<5	21	108	12	33
COM95D-07-051		1.21	2.78	364	0.62	0.33	0.05	0.47	<5	3	99	5	11
COM95D-07-052		1.00	3.94	317	0.37	0.28	0.03	0.36	<5	<1	79	8	7
COM95D-07-053		1.21	1.90	426	0.46	0.53	0.05	0.47	<5	2	95	4	6
COM95D-07-054		1.44	1.88	544	0.59	0.70	0.06	0.52	<5	2	78	4	5
COM95D-07-055		1.05	3.70	494	0.76	0.55	0.03	0.32	<5	<1	128	7	7
COM95D-07-056		0.93	4.53	344	0.40	0.17	0.03	0.31	<5	<1	107	9	8
COM95D-07-057		0.82	3.41	281	0.29	0.18	0.03	0.36	<5	<1	100	8	8
COM95D-07-058		1.26	2.29	566	0.72	0.34	0.08	0.62	<5	2	109	4	7
COM95D-07-059		1.28	3.16	680	0.72	0.30	0.04	0.58	<5	2	98	7	7
COM95D-07-060		1.23	2.73	702	0.68	0.30	0.03	0.57	<5	2	121	7	7
COM95D-07-061		1.30	2.57	762	0.78	0.26	0.05	0.68	<5	3	121	5	7
COM95D-07-062		1.34	2.95	681	0.79	0.34	0.05	0.62	<5	2	129	7	8
COM95D-07-063		1.28	2.59	678	0.71	0.22	0.04	0.66	<5	3	115	6	8

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-MAR-95

REPORT: C95-60107.1 (COMPLETE) PROJECT: NONE PAGE 2B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-07-041		193	283	<5	32	3	4	1.0	1.8	<20	<5	<10	62
COM95D-07-042		161	498	<5	29	4	4	0.5	3.1	<20	<5	<10	61
COM95D-07-043		140	338	<5	22	4	3	0.9	1.7	<20	<5	<10	53
COM95D-07-044		156	1437	<5	12	5	10	1.0	15.4	<20	<5	<10	41
COM95D-07-045		66	471	<5	15	5	2	0.5	2.4	<20	<5	<10	55
COM95D-07-046		68	303	<5	12	5	5	0.6	2.2	<20	<5	<10	37
COM95D-07-047		130	143	<5	18	5	2	0.6	1.0	<20	<5	<10	53
COM95D-07-048		244	100	<5	20	4	2	0.6	0.5	<20	<5	<10	72
COM95D-07-049		699	58	<5	25	4	4	1.6	<0.2	<20	<5	<10	42
COM95D-07-050		199	52	<5	48	6	2	0.5	<0.2	<20	<5	<10	90
COM95D-07-051		485	126	<5	19	4	2	1.1	0.4	<20	<5	<10	62
COM95D-07-052		131	99	<5	20	3	2	1.0	0.3	<20	<5	<10	28
COM95D-07-053		117	93	<5	25	4	2	0.6	0.3	<20	<5	<10	92
COM95D-07-054		158	142	<5	32	4	1	0.5	0.5	<20	<5	<10	106
COM95D-07-055		177	623	<5	15	5	11	2.1	5.7	<20	<5	<10	34
COM95D-07-056		217	394	<5	12	5	6	3.5	2.1	<20	<5	10	22
COM95D-07-057		214	162	<5	16	3	4	1.8	0.8	<20	<5	<10	36
COM95D-07-058		107	173	7	35	4	4	0.5	0.7	<20	<5	<10	88
COM95D-07-059		143	113	<5	19	4	3	0.7	0.6	<20	<5	<10	56
COM95D-07-060		146	132	<5	20	5	5	0.5	0.7	<20	<5	<10	72
COM95D-07-061		176	150	<5	19	4	3	0.6	0.9	<20	<5	<10	75
COM95D-07-062		171	541	<5	25	5	4	0.8	2.9	<20	<5	<10	71
COM95D-07-063		250	300	<5	17	5	7	0.6	1.4	<20	<5	<10	97

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SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-07-041		22	<20	4	<5
COM95D-07-042		22	<20	12	<5
COM95D-07-043		24	<20	5	<5
COM95D-07-044		22	<20	195	<5
COM95D-07-045		22	<20	47	<5
COM95D-07-046		23	<20	48	<5
COM95D-07-047		21	<20	18	<5
COM95D-07-048		23	<20	14	<5
COM95D-07-049		26	<20	<2	<5
COM95D-07-050		34	<20	3	<5
COM95D-07-051		23	<20	16	<5
COM95D-07-052		24	<20	9	<5
COM95D-07-053		18	<20	6	<5
COM95D-07-054		17	<20	8	<5
COM95D-07-055		27	<20	14	5
COM95D-07-056		27	<20	21	9
COM95D-07-057		22	<20	<2	6
COM95D-07-058		19	<20	7	<5
COM95D-07-059		21	<20	5	<5
COM95D-07-060		20	<20	3	<5
COM95D-07-061		20	<20	4	<5
COM95D-07-062		21	<20	70	<5
COM95D-07-063		21	<20	24	<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60139.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-07-064		0.82	2.26	787	0.68	1.18	0.07	0.28	<5	21	78	8	3
COM95D-07-065		0.78	1.98	684	0.47	1.10	0.07	0.43	<5	15	87	6	2
COM95D-07-066		1.62	2.46	731	2.10	2.75	0.04	0.19	<5	27	77	18	54
COM95D-07-067		1.74	2.54	720	2.15	3.84	0.08	0.70	<5	36	76	16	39
COM95D-07-068		0.67	1.95	747	0.50	1.31	0.07	0.19	<5	12	67	5	2
COM95D-07-069		2.14	2.14	413	2.11	1.52	0.11	1.24	<5	53	174	21	87
COM95D-07-070		0.92	2.12	697	0.66	0.69	0.07	0.55	<5	18	77	7	3
COM95D-07-071		2.01	1.96	370	2.02	1.04	0.12	1.30	<5	42	214	18	79
COM95D-09-022		1.78	5.22	820	1.82	0.28	0.02	0.28	<5	27	107	24	40
COM95D-09-023		1.56	3.87	709	2.16	0.29	0.02	0.17	<5	25	106	22	20
COM95D-09-024		0.86	1.61	441	1.08	0.45	0.07	0.13	<5	17	129	6	3

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REPORT: C95-60139.1 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-07-064		12	65	<5	87	11	3	<0.2	<0.2	<20	<5	<10	51
COM95D-07-065		41	103	<5	57	11	3	<0.2	0.3	<20	<5	<10	74
COM95D-07-066		40	217	8	228	6	9	0.3	0.3	<20	<5	<10	32
COM95D-07-067		27	90	<5	477	7	3	<0.2	<0.2	<20	<5	<10	168
COM95D-07-068		5	55	<5	45	15	1	<0.2	<0.2	<20	<5	<10	40
COM95D-07-069		39	63	<5	66	4	3	<0.2	<0.2	<20	<5	<10	236
COM95D-07-070		6	71	<5	67	12	2	0.2	<0.2	<20	<5	<10	68
COM95D-07-071		37	76	7	62	3	2	<0.2	<0.2	<20	<5	<10	273
COM95D-09-022		51	40	<5	13	4	6	0.8	<0.2	<20	<5	<10	19
COM95D-09-023		7	36	<5	13	5	8	1.6	<0.2	<20	<5	<10	36
COM95D-09-024		3	25	<5	68	9	2	<0.2	<0.2	<20	<5	<10	24

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PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-07-064		70	<20	5	<5
COM95D-07-065		57	<20	5	<5
COM95D-07-066		51	<20	13	<5
COM95D-07-067		62	<20	6	<5
COM95D-07-068		76	<20	4	<5
COM95D-07-069		23	<20	5	<5
COM95D-07-070		62	<20	6	<5
COM95D-07-071		23	<20	5	<5
COM95D-09-022		30	<20	3	8
COM95D-09-023		19	<20	9	9
COM95D-09-024		41	<20	4	<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-MAR-95

REPORT: C95-60139.1 (COMPLETE) PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-09-023		1.56	3.87	709	2.16	0.29	0.02	0.17	<5	25	106	22	20
Duplicate		1.58	3.89	713	2.15	0.30	0.02	0.19	<5	26	111	22	20

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DATE PRINTED: 15-MAR-95
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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-09-023		7	36	<5	13	5	8	1.6	<0.2	<20	<5	<10	36
Duplicate		7	36	<5	13	5	8	1.6	<0.2	<20	<5	<10	41

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RAPPORT D'ANALYSE GÉOCHIMIQUE

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DATE PRINTED: 15-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-09-023		19	<20	9	9
Duplicate		19	<20	9	8

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60107.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-07-008		0.83	2.89	224	0.51	0.23	0.04	0.27	<5	<1	51	11	5
Duplicate		0.86	2.83	234	0.53	0.24	0.04	0.29	<5	<1	54	11	5
COM95D-07-025		0.47	1.32	244	0.34	0.97	0.07	0.14	<5	5	74	4	2
Duplicate		0.52	1.44	272	0.38	1.06	0.08	0.16	<5	5	82	4	3
COM95D-07-034		0.82	1.99	378	0.47	0.54	0.02	0.40	<5	1	95	4	7
Prep Duplicate		0.89	2.11	410	0.52	0.58	0.02	0.45	<5	1	108	4	7
COM95D-07-044		0.85	2.61	295	0.60	0.19	0.02	0.38	<5	<1	68	7	5
Duplicate		0.93	2.69	312	0.62	0.20	0.02	0.42	<5	<1	72	7	6
COM95D-07-054		1.44	1.88	544	0.59	0.70	0.06	0.52	<5	2	78	4	5
Prep Duplicate		1.48	1.89	547	0.59	0.69	0.06	0.55	<5	2	85	4	5
COM95D-07-061		1.30	2.57	762	0.78	0.26	0.05	0.68	<5	3	121	5	7
Duplicate		1.29	2.51	745	0.77	0.26	0.05	0.67	<5	3	119	5	6

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REPORT: C95-60107.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-07-008		81	312	<5	17	3	3	0.8	1.2	<20	<5	<10	29
Duplicate		85	349	<5	18	3	3	0.9	1.4	<20	<5	<10	32
COM95D-07-025		7	21	<5	33	4	2	<0.2	<0.2	<20	<5	<10	46
Duplicate		8	23	<5	37	5	2	<0.2	<0.2	<20	<5	<10	52
COM95D-07-034		484	124	<5	21	5	3	1.2	0.5	<20	<5	<10	62
Prep Duplicate		503	135	<5	23	5	3	1.2	0.4	<20	<5	<10	71
COM95D-07-044		156	1437	<5	12	5	10	1.0	15.4	<20	<5	<10	41
Duplicate		165	1513	5	13	5	11	1.0	16.1	<20	<5	<10	47
COM95D-07-054		158	142	<5	32	4	1	0.5	0.5	<20	<5	<10	106
Prep Duplicate		159	138	<5	33	4	2	0.4	0.7	<20	<5	<10	112
COM95D-07-061		176	150	<5	19	4	3	0.6	0.9	<20	<5	<10	75
Duplicate		171	148	<5	18	4	3	0.5	0.5	<20	<5	<10	69

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DATE PRINTED: 15-MAR-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-07-008		18	<20	5	<5
Duplicate		18	<20	4	<5
COM95D-07-025		27	<20	<2	<5
Duplicate		30	<20	<2	<5
COM95D-07-034		20	<20	2	<5
Prep Duplicate		22	<20	<2	<5
COM95D-07-044		22	<20	195	<5
Duplicate		23	<20	198	<5
COM95D-07-054		17	<20	8	<5
Prep Duplicate		17	<20	7	<5
COM95D-07-061		20	<20	4	<5
Duplicate		19	<20	6	<5

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CERTIFICAT D'ANALYSE

REPORT: C95-60107.6 (COMPLETE)

DATE PRINTED: 9-FEB-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
COM95D-07-017		4.83
COM95D-07-018		18.34

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60121.0 (COMPLETE)

DATE PRINTED: 9-FEB-95
PROJECT: 5214

SAMPLE NUMBER	ELEMENT UNITS Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS Au30 PPB
COM95D-08-001	<5	COM95D-08-041	30
COM95D-08-002	<5	COM95D-08-042	6
COM95D-08-003	26	COM95D-08-043	5
COM95D-08-004	<5	COM95D-08-044	37
COM95D-08-005	<5	COM95D-08-045	484
COM95D-08-006	<5	COM95D-08-046	960
COM95D-08-007	20	COM95D-08-047	574
COM95D-08-008	10	COM95D-08-048	55
COM95D-08-009	<5	COM95D-08-049	39
COM95D-08-010	<5	COM95D-08-050	64
COM95D-08-011	21	COM95D-08-051	60
COM95D-08-012	12		
COM95D-08-013	23		
COM95D-08-014	59		
COM95D-08-015	19		
COM95D-08-016	28		
COM95D-08-017	9		
COM95D-08-018	13		
COM95D-08-019	128		
COM95D-08-020	223		
COM95D-08-021	126		
COM95D-08-022	224		
COM95D-08-023	115		
COM95D-08-024	331		
COM95D-08-025	401		
COM95D-08-026	157		
COM95D-08-027	532		
COM95D-08-028	461		
COM95D-08-029	206		
COM95D-08-030	6		
COM95D-08-031	585		
COM95D-08-032	1719		
COM95D-08-033	1083		
COM95D-08-034	479		
COM95D-08-035	587		
COM95D-08-036	187		
COM95D-08-037	215		
COM95D-08-038	387		
COM95D-08-039	148		
COM95D-08-040	13		

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REPORT: C95-60138.0 (COMPLETE)

DATE PRINTED: 15-FEB-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-08-052		134
COM95D-08-053		120
COM95D-08-054		29
COM95D-08-055		35
COM95D-08-056		66
COM95D-08-057		83
COM95D-08-058		163
COM95D-08-059		302
COM95D-08-060		38
COM95D-08-061		180
COM95D-08-062		1218
COM95D-08-063		138
COM95D-08-064		94
COM95D-08-065		83
COM95D-08-066		187
COM95D-08-067		16
COM95D-08-068		78
COM95D-08-069		24
COM95D-08-070		10
COM95D-08-071		37
COM95D-08-072		56
COM95D-08-073		16
COM95D-08-074		37
COM95D-08-075		107
COM95D-08-076		152
COM95D-08-077		62
COM95D-08-078		24
COM95D-08-079		52
COM95D-08-080		45

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-08-002		<5
Duplicate		7
COM95D-08-017		9
Prep Duplicate		10
COM95D-08-025		401
Duplicate		353
COM95D-08-045		484
Duplicate		505
COM95D-08-047		574
Prep Duplicate		480

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-08-060		38
Duplicate		46

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RAPPORT D'ANALYSE GÉOCHIMIQUE

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SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-08-001		2.50	4.08	797	2.11	3.23	0.05	0.12	7	64	106	28	52
COM95D-08-002		2.26	3.34	685	2.08	2.27	0.04	0.13	6	52	146	23	63
COM95D-08-003		3.06	2.40	662	1.76	3.98	0.14	0.18	<5	38	92	19	48
COM95D-08-004		1.61	1.68	262	1.10	0.42	0.02	0.32	<5	20	91	20	91
COM95D-08-005		2.47	2.82	341	1.33	2.34	0.05	0.15	<5	31	122	27	73
COM95D-08-006		2.79	2.93	613	1.67	2.46	0.15	0.23	<5	36	103	16	45
COM95D-08-007		2.95	3.39	594	1.29	2.17	0.26	0.51	<5	34	104	22	62
COM95D-08-008		2.77	2.55	418	1.54	2.27	0.21	0.53	<5	33	165	21	70
COM95D-08-009		2.65	2.82	611	1.38	2.04	0.19	0.40	<5	32	107	20	52
COM95D-08-010		2.35	2.91	634	1.18	2.12	0.17	0.34	<5	23	140	19	49
COM95D-08-011		2.21	3.03	583	1.13	1.85	0.16	0.33	<5	23	107	21	50
COM95D-08-012		2.95	2.33	674	1.34	2.28	0.20	0.45	<5	29	138	20	47
COM95D-08-013		2.06	2.32	611	1.12	2.08	0.14	0.32	<5	21	116	20	41
COM95D-08-014		2.28	2.71	663	1.31	1.78	0.14	0.33	<5	28	155	22	49
COM95D-08-015		2.50	2.33	648	1.26	2.16	0.16	0.44	<5	33	110	20	45
COM95D-08-016		3.11	2.55	692	1.39	2.44	0.23	0.58	<5	39	130	22	47
COM95D-08-017		3.13	3.37	820	2.00	1.29	0.19	0.87	8	76	152	23	58
COM95D-08-018		2.74	3.08	848	1.42	1.34	0.19	0.93	7	51	208	18	66
COM95D-08-019		2.06	3.64	814	1.37	0.70	0.07	0.55	<5	25	104	12	31
COM95D-08-020		1.12	1.92	366	0.66	0.42	0.06	0.32	<5	<1	98	4	4
COM95D-08-021		1.38	1.98	365	0.58	0.72	0.11	0.43	<5	<1	85	3	2
COM95D-08-022		1.03	1.89	466	0.47	0.83	0.06	0.39	<5	3	102	4	3
COM95D-08-023		0.85	1.92	456	0.62	0.81	0.05	0.28	<5	7	82	4	2
COM95D-08-024		0.91	1.97	474	0.53	0.58	0.03	0.33	<5	<1	102	4	3
COM95D-08-025		0.83	1.95	408	0.43	0.57	0.02	0.32	<5	<1	82	4	2
COM95D-08-026		0.87	2.28	529	0.50	0.93	0.03	0.29	<5	5	100	5	3
COM95D-08-027		0.98	2.33	547	0.58	0.62	0.02	0.33	<5	<1	74	5	4
COM95D-08-028		0.97	2.19	510	0.53	0.58	0.03	0.33	<5	<1	117	4	3
COM95D-08-029		0.95	2.03	548	0.73	0.63	0.02	0.30	<5	<1	72	4	3
COM95D-08-030		0.89	2.43	725	0.85	1.09	0.06	0.13	<5	23	108	8	3
COM95D-08-031		1.18	2.61	684	1.42	0.28	0.02	0.24	<5	2	80	6	4
COM95D-08-032		1.66	4.01	948	1.43	0.25	0.02	0.26	<5	12	115	9	21
COM95D-08-033		1.03	2.72	467	0.83	0.28	0.03	0.29	<5	<1	81	7	5
COM95D-08-034		0.99	2.09	443	0.77	0.14	0.03	0.28	<5	1	105	6	8
COM95D-08-035		0.93	2.29	404	0.61	0.13	0.02	0.25	<5	<1	78	6	8
COM95D-08-036		1.08	2.36	449	0.62	0.11	0.02	0.37	<5	1	95	6	7
COM95D-08-037		0.85	1.88	207	0.31	0.09	0.03	0.37	<5	1	97	5	6
COM95D-08-038		0.85	2.31	259	0.43	0.13	0.03	0.32	<5	<1	90	7	7
COM95D-08-039		1.13	2.37	594	0.98	0.39	0.03	0.33	<5	8	77	8	8
COM95D-08-040		0.67	1.40	312	0.55	0.60	0.07	0.18	<5	9	68	5	4

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DATE PRINTED: 15-MAR-95
PROJECT: 5214
PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-08-001		46	120	<5	34	4	3	<0.2	<0.2	<20	<5	<10	18
COM95D-08-002		44	125	<5	27	3	3	<0.2	<0.2	<20	<5	<10	19
COM95D-08-003		35	62	<5	100	3	2	<0.2	<0.2	<20	<5	<10	32
COM95D-08-004		42	11	<5	33	3	2	<0.2	<0.2	<20	<5	<10	17
COM95D-08-005		12	31	<5	63	3	4	<0.2	<0.2	<20	<5	<10	8
COM95D-08-006		28	28	<5	157	3	3	<0.2	<0.2	<20	<5	<10	30
COM95D-08-007		25	58	<5	132	3	4	<0.2	<0.2	<20	<5	<10	23
COM95D-08-008		27	52	<5	118	3	3	<0.2	<0.2	<20	<5	<10	46
COM95D-08-009		13	66	<5	83	2	3	<0.2	<0.2	<20	<5	<10	36
COM95D-08-010		17	67	<5	83	2	3	<0.2	<0.2	<20	<5	<10	43
COM95D-08-011		21	78	<5	72	3	6	<0.2	<0.2	<20	<5	<10	35
COM95D-08-012		38	87	6	87	2	4	<0.2	<0.2	<20	<5	<10	53
COM95D-08-013		12	73	<5	63	2	4	<0.2	<0.2	<20	<5	<10	39
COM95D-08-014		49	77	<5	61	2	5	<0.2	<0.2	<20	<5	<10	44
COM95D-08-015		65	92	<5	82	2	5	<0.2	<0.2	<20	<5	<10	62
COM95D-08-016		50	73	6	101	3	5	<0.2	<0.2	<20	<5	<10	75
COM95D-08-017		48	61	<5	91	5	3	<0.2	<0.2	<20	<5	<10	115
COM95D-08-018		22	110	<5	73	3	5	<0.2	<0.2	<20	<5	<10	116
COM95D-08-019		46	1454	<5	40	3	3	0.4	4.4	<20	<5	<10	86
COM95D-08-020		149	1248	<5	30	4	5	1.0	3.5	<20	<5	<10	45
COM95D-08-021		15	1791	<5	61	4	3	0.6	9.0	<20	<5	<10	61
COM95D-08-022		54	3100	<5	50	6	3	0.6	21.6	<20	<5	<10	62
COM95D-08-023		42	1518	<5	30	8	3	0.5	10.6	<20	<5	<10	54
COM95D-08-024		116	3845	<5	27	4	2	0.7	24.7	<20	<5	<10	57
COM95D-08-025		114	2425	<5	26	5	2	0.5	14.6	<20	<5	<10	53
COM95D-08-026		78	1029	<5	32	6	2	0.5	5.6	<20	<5	<10	49
COM95D-08-027		167	3903	<5	24	4	2	0.9	22.2	<20	<5	<10	50
COM95D-08-028		345	4229	<5	36	4	3	1.1	23.9	<20	<5	<10	55
COM95D-08-029		135	5801	<5	26	4	3	0.8	32.3	<20	<5	<10	56
COM95D-08-030		26	100	<5	68	12	3	<0.2	<0.2	<20	<5	<10	34
COM95D-08-031		352	83	<5	15	4	3	1.1	<0.2	<20	<5	<10	44
COM95D-08-032		74	118	<5	15	3	4	1.1	0.7	<20	<5	<10	35
COM95D-08-033		198	1223	<5	13	4	3	1.1	8.3	<20	<5	<10	41
COM95D-08-034		122	58	<5	14	5	2	0.5	<0.2	<20	<5	<10	37
COM95D-08-035		310	68	<5	13	6	2	0.5	<0.2	<20	<5	<10	41
COM95D-08-036		270	425	<5	18	4	3	0.4	2.6	<20	<5	<10	45
COM95D-08-037		203	164	<5	23	4	2	0.3	0.8	<20	<5	<10	38
COM95D-08-038		222	215	<5	20	4	11	0.5	1.3	<20	<5	<10	35
COM95D-08-039		610	74	<5	43	7	3	0.2	0.2	<20	<5	<10	53
COM95D-08-040		10	37	<5	33	13	3	<0.2	<0.2	<20	<5	<10	41

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60121.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: 5214

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-08-001		23	<20	3	<5
COM95D-08-002		21	<20	3	<5
COM95D-08-003		21	<20	8	<5
COM95D-08-004		10	<20	<2	<5
COM95D-08-005		27	<20	2	<5
COM95D-08-006		24	<20	4	<5
COM95D-08-007		22	<20	5	<5
COM95D-08-008		23	<20	5	<5
COM95D-08-009		19	<20	5	<5
COM95D-08-010		19	<20	3	<5
COM95D-08-011		20	<20	5	<5
COM95D-08-012		18	<20	4	<5
COM95D-08-013		18	<20	2	<5
COM95D-08-014		19	<20	4	<5
COM95D-08-015		18	<20	7	<5
COM95D-08-016		21	<20	4	<5
COM95D-08-017		29	<20	6	<5
COM95D-08-018		22	<20	4	<5
COM95D-08-019		25	<20	6	<5
COM95D-08-020		20	<20	<2	<5
COM95D-08-021		19	<20	3	<5
COM95D-08-022		27	<20	<2	<5
COM95D-08-023		34	<20	<2	<5
COM95D-08-024		21	<20	2	<5
COM95D-08-025		20	<20	<2	<5
COM95D-08-026		31	<20	2	<5
COM95D-08-027		22	<20	<2	<5
COM95D-08-028		20	<20	3	<5
COM95D-08-029		21	<20	3	<5
COM95D-08-030		66	<20	3	<5
COM95D-08-031		22	<20	<2	<5
COM95D-08-032		25	<20	<2	<5
COM95D-08-033		20	<20	<2	<5
COM95D-08-034		20	<20	<2	<5
COM95D-08-035		20	<20	<2	<5
COM95D-08-036		18	<20	<2	<5
COM95D-08-037		18	<20	<2	<5
COM95D-08-038		19	<20	<2	<5
COM95D-08-039		39	<20	<2	<5
COM95D-08-040		29	<20	2	<5

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SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-08-041		0.57	1.49	391	0.41	1.55	0.07	0.16	<5	6	93	5	3
COM95D-08-042		0.56	1.47	304	0.33	1.05	0.07	0.16	<5	6	88	5	3
COM95D-08-043		0.63	1.43	350	0.40	1.27	0.07	0.18	<5	5	89	5	4
COM95D-08-044		1.64	2.61	878	2.00	2.74	0.04	0.29	<5	28	87	12	25
COM95D-08-045		0.62	7.31	190	0.27	0.24	0.02	0.26	<5	<1	83	34	10
COM95D-08-046		0.82	4.53	317	0.44	0.15	0.02	0.29	<5	<1	112	13	10
COM95D-08-047		1.04	2.17	439	0.60	0.23	0.03	0.36	<5	<1	92	6	8
COM95D-08-048		1.10	2.19	627	0.87	0.19	0.02	0.26	<5	2	103	7	8
COM95D-08-049		1.24	2.27	661	1.25	0.15	0.03	0.31	<5	5	78	8	9
COM95D-08-050		1.53	2.63	617	2.00	0.41	0.06	0.30	<5	26	135	13	39
COM95D-08-051		0.86	2.24	297	0.52	0.18	0.03	0.34	<5	2	80	7	10

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-08-041		9	35	<5	42	5	4	<0.2	<0.2	<20	<5	<10	50
COM95D-08-042		19	29	<5	41	5	8	<0.2	<0.2	<20	<5	<10	52
COM95D-08-043		9	41	<5	57	4	3	<0.2	0.2	<20	<5	<10	53
COM95D-08-044		110	692	<5	156	11	4	0.2	2.7	<20	<5	<10	56
COM95D-08-045		19	102	<5	22	5	11	2.7	<0.2	<20	<5	17	5
COM95D-08-046		55	2076	<5	16	4	9	0.9	12.1	<20	<5	<10	14
COM95D-08-047		57	2073	<5	19	4	3	0.4	11.2	<20	<5	<10	50
COM95D-08-048		26	872	<5	14	6	4	0.4	5.1	<20	<5	<10	47
COM95D-08-049		24	192	<5	16	4	2	0.3	0.8	<20	<5	<10	50
COM95D-08-050		63	102	<5	25	4	3	<0.2	<0.2	<20	<5	<10	70
COM95D-08-051		14	764	<5	21	7	3	0.3	4.4	<20	<5	<10	50

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COM95D-08-041		31	<20	3	<5
COM95D-08-042		34	<20	2	<5
COM95D-08-043		33	<20	<2	<5
COM95D-08-044		63	<20	5	<5
COM95D-08-045		51	<20	5	11
COM95D-08-046		29	<20	3	6
COM95D-08-047		19	<20	9	<5
COM95D-08-048		23	<20	9	<5
COM95D-08-049		21	<20	<2	<5
COM95D-08-050		30	<20	<2	<5
COM95D-08-051		26	<20	2	<5

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REPORT: C95-60138.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-08-052		1.04	2.22	449	0.81	0.18	0.04	0.26	<5	2	92	5	7
COM95D-08-053		1.40	2.63	652	1.51	0.35	0.05	0.22	<5	15	114	12	33
COM95D-08-054		1.02	1.94	435	0.71	0.15	0.03	0.27	<5	2	105	6	7
COM95D-08-055		1.02	1.99	462	0.65	0.12	0.03	0.23	<5	2	93	6	6
COM95D-08-056		0.94	3.09	403	0.49	0.11	0.03	0.26	<5	<1	118	7	15
COM95D-08-057		1.03	1.98	391	0.57	0.14	0.02	0.30	<5	2	88	5	7
COM95D-08-058		0.99	2.29	343	0.42	0.12	0.02	0.30	<5	1	128	7	9
COM95D-08-059		1.02	1.99	368	0.46	0.13	0.02	0.30	<5	2	109	5	5
COM95D-08-060		1.22	2.27	573	0.79	0.16	0.03	0.28	<5	3	89	6	5
COM95D-08-061		1.18	2.66	497	0.68	0.27	0.02	0.29	<5	2	93	6	12
COM95D-08-062		1.34	3.65	585	0.91	0.27	0.03	0.32	<5	2	101	8	9
COM95D-08-063		1.30	2.23	477	0.83	0.38	0.04	0.33	<5	3	87	5	6
COM95D-08-064		1.58	2.36	598	1.04	0.56	0.04	0.35	<5	4	82	5	5
COM95D-08-065		1.43	2.24	679	1.07	0.34	0.04	0.29	<5	4	87	5	6
COM95D-08-066		1.23	2.81	646	0.73	0.67	0.05	0.26	<5	4	84	8	8
COM95D-08-067		1.78	2.00	616	0.62	0.93	0.09	0.39	<5	4	82	5	5
COM95D-08-068		1.87	2.49	604	0.66	1.23	0.08	0.34	<5	4	98	8	5
COM95D-08-069		1.78	2.22	644	0.62	1.02	0.08	0.37	<5	3	86	5	5
COM95D-08-070		2.25	2.40	759	0.77	1.40	0.10	0.38	<5	4	112	7	6
COM95D-08-071		1.84	2.60	670	0.79	1.01	0.06	0.34	<5	4	99	6	7
COM95D-08-072		2.04	2.26	537	0.79	1.07	0.09	0.37	<5	3	90	8	5
COM95D-08-073		2.64	1.93	681	0.68	1.61	0.13	0.46	<5	4	98	4	5
COM95D-08-074		1.95	2.12	619	0.81	1.06	0.07	0.48	<5	3	109	5	5
COM95D-08-075		1.56	2.47	697	1.21	0.38	0.04	0.39	<5	4	98	6	5
COM95D-08-076		2.45	2.07	587	1.11	1.33	0.09	0.45	<5	3	85	5	4
COM95D-08-077		2.39	1.75	471	0.99	1.30	0.08	0.50	<5	3	97	5	4
COM95D-08-078		2.45	1.62	601	1.10	1.33	0.08	0.47	<5	3	104	4	5
COM95D-08-079		2.38	1.56	599	0.84	1.33	0.10	0.45	<5	3	108	4	5
COM95D-08-080		2.50	1.73	598	1.07	1.40	0.10	0.42	<5	3	101	4	5

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REPORT: C95-60138.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214
PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-08-052		35	4151	<5	24	6	4	0.4	25.4	<20	<5	<10	46
COM95D-08-053		69	955	<5	40	5	3	0.4	5.9	<20	<5	<10	45
COM95D-08-054		33	137	<5	22	5	3	<0.2	0.4	<20	<5	<10	50
COM95D-08-055		62	131	<5	20	5	2	0.3	0.2	<20	<5	<10	46
COM95D-08-056		60	998	<5	19	5	4	0.4	5.5	<20	<5	<10	41
COM95D-08-057		28	220	<5	19	5	5	0.3	0.9	<20	<5	<10	40
COM95D-08-058		108	315	<5	18	4	2	0.6	1.0	<20	<5	<10	45
COM95D-08-059		132	618	<5	18	4	2	0.4	2.9	<20	<5	<10	40
COM95D-08-060		34	202	<5	17	4	5	0.4	0.7	<20	<5	<10	41
COM95D-08-061		69	891	<5	17	4	4	0.6	3.9	<20	<5	<10	39
COM95D-08-062		590	1602	<5	21	5	3	2.0	9.8	<20	<5	<10	43
COM95D-08-063		64	400	<5	30	5	3	0.5	0.6	<20	<5	<10	50
COM95D-08-064		52	784	<5	29	5	3	0.4	3.3	<20	<5	<10	60
COM95D-08-065		105	268	<5	21	5	3	0.3	0.7	<20	<5	<10	55
COM95D-08-066		1249	339	<5	35	5	4	3.2	1.8	<20	<5	<10	55
COM95D-08-067		64	242	<5	63	4	2	0.2	0.8	<20	<5	<10	79
COM95D-08-068		80	253	<5	64	5	3	0.5	1.2	<20	<5	<10	71
COM95D-08-069		97	257	<5	46	4	2	0.4	1.0	<20	<5	<10	74
COM95D-08-070		110	276	<5	54	4	4	0.4	1.1	<20	<5	<10	83
COM95D-08-071		116	373	6	44	5	5	0.4	1.6	<20	<5	<10	74
COM95D-08-072		89	335	<5	63	4	3	0.4	1.3	<20	<5	<10	65
COM95D-08-073		147	245	6	99	3	3	0.5	1.9	<20	<5	<10	80
COM95D-08-074		188	730	<5	48	3	2	0.5	6.9	<20	<5	<10	71
COM95D-08-075		103	850	<5	24	4	6	0.6	5.5	<20	<5	<10	61
COM95D-08-076		55	350	8	69	3	3	0.4	1.5	<20	<5	<10	68
COM95D-08-077		8	144	9	66	3	3	<0.2	0.9	<20	<5	<10	74
COM95D-08-078		15	348	6	50	3	2	<0.2	3.2	<20	<5	<10	69
COM95D-08-079		40	602	8	59	3	2	0.4	8.8	<20	<5	<10	68
COM95D-08-080		41	1228	<5	56	3	2	0.3	10.0	<20	<5	<10	67

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COM95D-08-052		21	27	<2	<5
COM95D-08-053		22	<20	<2	<5
COM95D-08-054		17	<20	<2	<5
COM95D-08-055		17	<20	<2	<5
COM95D-08-056		20	<20	4	<5
COM95D-08-057		16	<20	<2	<5
COM95D-08-058		17	<20	3	<5
COM95D-08-059		16	<20	<2	<5
COM95D-08-060		19	<20	5	<5
COM95D-08-061		22	<20	12	<5
COM95D-08-062		25	<20	7	6
COM95D-08-063		20	<20	4	<5
COM95D-08-064		21	<20	3	<5
COM95D-08-065		22	<20	<2	<5
COM95D-08-066		20	<20	5	<5
COM95D-08-067		19	<20	4	<5
COM95D-08-068		19	<20	6	<5
COM95D-08-069		17	<20	5	<5
COM95D-08-070		19	<20	8	<5
COM95D-08-071		19	<20	4	<5
COM95D-08-072		16	<20	4	<5
COM95D-08-073		16	<20	7	<5
COM95D-08-074		16	<20	12	<5
COM95D-08-075		17	<20	5	<5
COM95D-08-076		15	<20	7	<5
COM95D-08-077		14	<20	10	<5
COM95D-08-078		14	<20	15	<5
COM95D-08-079		14	<20	13	<5
COM95D-08-080		13	<20	11	<5

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COM95D-08-002		2.26	3.34	685	2.08	2.27	0.04	0.13	6	52	146	23	63
Duplicate		2.29	3.33	691	2.04	2.24	0.04	0.15	5	53	146	23	62
COM95D-08-017		3.13	3.37	820	2.00	1.29	0.19	0.87	8	76	152	23	58
Prep Duplicate		3.09	3.34	822	2.03	1.25	0.17	0.81	8	74	146	22	60
COM95D-08-020		1.12	1.92	366	0.66	0.42	0.06	0.32	<5	<1	98	4	4
Duplicate		1.18	1.98	389	0.70	0.44	0.06	0.30	<5	<1	102	4	4
COM95D-08-039		1.13	2.37	594	0.98	0.39	0.03	0.33	<5	8	77	8	8
Duplicate		1.04	2.25	551	0.93	0.37	0.03	0.30	<5	7	73	7	7
COM95D-08-047		1.04	2.17	439	0.60	0.23	0.03	0.36	<5	<1	92	6	8
Prep Duplicate		1.14	2.29	489	0.65	0.25	0.04	0.46	<5	1	99	6	8

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COM95D-08-002		44	125	<5	27	3	3	<0.2	<0.2	<20	<5	<10	19
Duplicate		48	126	<5	28	3	3	<0.2	<0.2	<20	<5	<10	20
COM95D-08-017		48	61	<5	91	5	3	<0.2	<0.2	<20	<5	<10	115
Prep Duplicate		45	59	9	88	5	4	0.2	<0.2	<20	<5	<10	112
COM95D-08-020		149	1248	<5	30	4	5	1.0	3.5	<20	<5	<10	45
Duplicate		153	1289	<5	32	4	3	1.1	3.7	<20	<5	<10	46
COM95D-08-039		610	74	<5	43	7	3	0.2	0.2	<20	<5	<10	53
Duplicate		565	69	<5	38	7	2	0.3	<0.2	<20	<5	<10	48
COM95D-08-047		57	2073	<5	19	4	3	0.4	11.2	<20	<5	<10	50
Prep Duplicate		63	2165	<5	21	4	3	0.4	11.5	<20	<5	<10	57

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SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-08-002		21	<20	3	<5
Duplicate		22	<20	<2	<5
COM95D-08-017		29	<20	6	<5
Prep Duplicate		26	<20	8	<5
COM95D-08-020		20	<20	<2	<5
Duplicate		20	<20	<2	<5
COM95D-08-039		39	<20	<2	<5
Duplicate		37	<20	<2	<5
COM95D-08-047		19	<20	9	<5
Prep Duplicate		22	<20	10	<5

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SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-08-060		1.22	2.27	573	0.79	0.16	0.03	0.28	<5	3	89	6	5
Duplicate		1.26	2.31	592	0.81	0.17	0.03	0.29	<5	3	89	5	6
COM95D-08-077		2.39	1.75	471	0.99	1.30	0.08	0.50	<5	3	97	5	4
Duplicate		2.31	1.71	456	0.98	1.27	0.08	0.48	<5	3	95	5	5

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REPORT: C95-60138.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-08-060		34	202	<5	17	4	5	0.4	0.7	<20	<5	<10	41
Duplicate		35	210	<5	17	4	5	0.4	0.7	<20	<5	<10	42
COM95D-08-077		8	144	9	66	3	3	<0.2	0.9	<20	<5	<10	74
Duplicate		7	141	7	64	3	2	<0.2	1.4	<20	<5	<10	70

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SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-08-060		19	<20	5	<5
Duplicate		20	<20	5	<5
COM95D-08-077		14	<20	10	<5
Duplicate		14	<20	10	<5

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REPORT: C95-60136.0 (COMPLETE)

DATE PRINTED: 15-FEB-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-09-025		10
COM95D-09-026		57
COM95D-09-027		34
COM95D-09-028		33
COM95D-09-029		20
COM95D-09-030		54
COM95D-09-031		396
COM95D-09-032		32
COM95D-09-033		29
COM95D-09-034		100
COM95D-09-035		547
COM95D-09-036		512
COM95D-09-037		84
COM95D-09-038		29
COM95D-09-039		36
COM95D-09-040		77
COM95D-09-041		47
COM95D-09-042		48
COM95D-09-043		85
COM95D-09-044		57
COM95D-09-045		96
COM95D-09-046		100
COM95D-09-047		55
COM95D-09-048		38
COM95D-09-049		122
COM95D-09-050		52
COM95D-09-051		67
COM95D-09-052		36
COM95D-09-053		77
COM95D-09-054		105
COM95D-09-055		74
COM95D-09-056		30
COM95D-09-057		39
COM95D-09-058		46
COM95D-09-059		22
COM95D-09-060		42
COM95D-09-061		17
COM95D-09-062		116
COM95D-09-063		74
COM95D-09-064		6

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-09-065		13
COM95D-09-066		7
COM95D-09-067		40
COM95D-09-068		8
COM95D-09-069		8
COM95D-09-070		15

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PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-09-031		396			
Duplicate		325			
COM95D-09-041		47			
Prep Duplicate		48			
COM95D-09-054		105			
Duplicate		119			

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DATE PRINTED: 15-MAR-95

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SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-09-025		1.13	1.71	422	1.26	0.28	0.05	0.24	<5	6	143	5	8
COM95D-09-026		1.01	1.46	357	0.83	0.27	0.03	0.23	<5	4	131	5	7
COM95D-09-027		1.73	2.47	699	2.45	0.27	0.03	0.18	<5	7	104	7	9
COM95D-09-028		1.04	1.51	367	1.10	0.24	0.03	0.22	<5	5	117	5	6
COM95D-09-029		1.06	1.45	359	1.03	0.27	0.04	0.24	<5	5	119	5	7
COM95D-09-030		0.76	1.20	297	0.72	0.19	0.05	0.17	<5	5	157	3	5
COM95D-09-031		1.32	1.85	359	0.83	0.64	0.05	0.31	<5	5	105	9	6
COM95D-09-032		1.28	1.53	370	0.75	0.89	0.05	0.30	<5	6	109	6	6
COM95D-09-033		1.37	1.42	259	0.43	1.16	0.07	0.25	<5	5	103	5	6
COM95D-09-034		1.24	1.49	310	0.48	1.13	0.07	0.26	<5	5	141	6	6
COM95D-09-035		1.30	1.53	351	0.61	1.22	0.06	0.26	<5	5	97	6	7
COM95D-09-036		1.38	1.59	275	0.51	0.77	0.09	0.32	<5	5	127	5	7
COM95D-09-037		1.31	1.53	315	0.62	0.87	0.09	0.28	<5	5	126	5	7
COM95D-09-038		1.51	1.47	294	0.62	0.89	0.10	0.39	<5	6	115	4	6
COM95D-09-039		1.22	1.10	278	0.52	0.54	0.10	0.30	<5	5	121	4	5
COM95D-09-040		1.20	1.36	271	0.68	0.39	0.09	0.27	<5	6	110	5	6
COM95D-09-041		1.76	1.42	339	0.66	1.10	0.13	0.36	<5	6	98	4	6
COM95D-09-042		1.80	1.31	307	0.47	1.18	0.16	0.33	<5	6	152	3	6
COM95D-09-043		2.28	1.48	380	0.55	1.35	0.21	0.42	<5	6	117	5	6
COM95D-09-044		1.98	1.43	348	0.52	1.15	0.18	0.40	<5	6	120	4	6
COM95D-09-045		3.45	2.08	511	0.90	1.75	0.37	0.60	<5	7	118	4	8
COM95D-09-046		2.41	1.70	402	0.75	1.18	0.25	0.43	<5	6	134	5	7
COM95D-09-047		1.98	1.66	334	0.61	0.93	0.20	0.41	<5	5	115	8	7
COM95D-09-048		1.28	1.20	283	0.53	0.45	0.12	0.38	<5	5	124	4	6
COM95D-09-049		1.18	1.71	383	0.88	0.33	0.07	0.32	<5	6	128	6	7
COM95D-09-050		1.83	1.61	377	0.75	0.86	0.17	0.47	<5	7	128	7	6
COM95D-09-051		1.50	1.54	339	0.72	0.66	0.13	0.42	<5	6	117	5	6
COM95D-09-052		1.18	1.98	621	0.72	0.76	0.08	0.43	<5	19	116	7	4
COM95D-09-053		1.87	1.78	379	0.89	0.97	0.15	0.39	<5	7	113	6	6
COM95D-09-054		1.94	2.03	377	0.88	1.08	0.15	0.40	<5	7	129	7	7
COM95D-09-055		1.73	1.82	345	0.78	0.88	0.14	0.39	<5	7	105	6	7
COM95D-09-056		2.24	1.91	436	0.92	1.40	0.15	0.44	<5	9	112	6	7
COM95D-09-057		1.39	1.75	367	0.72	0.92	0.08	0.36	<5	8	112	6	8
COM95D-09-058		1.41	1.54	339	0.61	0.96	0.10	0.37	<5	8	148	5	6
COM95D-09-059		1.73	1.56	334	0.50	1.24	0.14	0.35	<5	7	126	5	6
COM95D-09-060		1.76	1.50	357	0.53	1.43	0.13	0.27	<5	8	105	4	5
COM95D-09-061		2.03	1.55	381	0.62	1.89	0.19	0.42	<5	8	132	4	6
COM95D-09-062		1.91	1.73	310	0.60	1.43	0.19	0.42	<5	8	135	5	7
COM95D-09-063		1.83	1.66	310	0.60	1.35	0.15	0.40	<5	8	140	5	6
COM95D-09-064		2.42	1.55	356	0.73	1.65	0.19	0.56	<5	10	142	4	7

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COM95D-09-025		4	24	<5	18	4	10	0.3	<0.2	<20	<5	<10	72
COM95D-09-026		266	61	<5	18	4	2	0.5	<0.2	<20	<5	<10	67
COM95D-09-027		24	30	8	16	4	4	0.3	<0.2	<20	<5	<10	47
COM95D-09-028		49	22	<5	17	4	3	0.3	<0.2	<20	<5	<10	66
COM95D-09-029		69	22	6	20	5	4	0.3	<0.2	<20	<5	<10	77
COM95D-09-030		14	32	<5	14	5	4	0.3	<0.2	<20	<5	<10	40
COM95D-09-031		24	51	6	25	5	2	0.3	<0.2	<20	<5	<10	77
COM95D-09-032		23	34	7	25	4	2	<0.2	<0.2	<20	<5	<10	87
COM95D-09-033		22	26	<5	32	4	2	<0.2	<0.2	<20	<5	<10	71
COM95D-09-034		43	27	<5	28	4	3	<0.2	<0.2	<20	<5	<10	70
COM95D-09-035		72	30	<5	28	4	2	0.7	<0.2	<20	<5	<10	69
COM95D-09-036		99	42	5	40	4	2	0.4	<0.2	<20	<5	<10	76
COM95D-09-037		74	86	6	36	4	2	0.4	0.3	<20	<5	<10	71
COM95D-09-038		56	59	6	40	4	2	0.3	<0.2	<20	<5	<10	94
COM95D-09-039		63	175	<5	36	4	4	0.3	1.5	<20	<5	<10	80
COM95D-09-040		39	102	<5	36	4	4	0.3	0.7	<20	<5	<10	74
COM95D-09-041		73	68	<5	59	4	2	0.2	<0.2	<20	<5	<10	89
COM95D-09-042		94	32	8	76	3	2	0.3	<0.2	<20	<5	<10	80
COM95D-09-043		21	35	7	97	3	2	<0.2	<0.2	<20	<5	<10	99
COM95D-09-044		82	35	7	85	3	2	<0.2	<0.2	<20	<5	<10	101
COM95D-09-045		105	49	12	148	3	4	0.3	<0.2	<20	<5	<10	138
COM95D-09-046		21	89	13	104	3	3	<0.2	<0.2	<20	<5	<10	105
COM95D-09-047		11	81	10	93	3	3	<0.2	<0.2	<20	<5	<10	91
COM95D-09-048		38	81	<5	51	4	5	<0.2	<0.2	<20	<5	<10	89
COM95D-09-049		51	75	<5	32	5	3	0.2	<0.2	<20	<5	<10	87
COM95D-09-050		7	109	7	65	3	3	<0.2	0.4	<20	<5	<10	120
COM95D-09-051		47	45	<5	53	3	3	0.2	<0.2	<20	<5	<10	103
COM95D-09-052		12	58	<5	57	9	3	<0.2	<0.2	<20	<5	<10	74
COM95D-09-053		130	28	9	56	3	2	0.3	<0.2	<20	<5	<10	96
COM95D-09-054		36	43	9	62	3	2	0.2	<0.2	<20	<5	<10	103
COM95D-09-055		85	50	12	55	3	2	0.3	<0.2	<20	<5	<10	101
COM95D-09-056		61	36	10	62	4	2	0.3	<0.2	<20	<5	<10	105
COM95D-09-057		81	27	<5	35	4	3	0.3	<0.2	<20	<5	<10	101
COM95D-09-058		61	29	<5	43	4	6	0.3	<0.2	<20	<5	<10	109
COM95D-09-059		33	22	5	78	4	3	<0.2	<0.2	<20	<5	<10	84
COM95D-09-060		42	24	<5	86	4	2	0.2	<0.2	<20	<5	<10	72
COM95D-09-061		7	29	12	121	4	3	<0.2	<0.2	<20	<5	<10	103
COM95D-09-062		242	30	6	110	5	3	0.5	<0.2	<20	<5	<10	112
COM95D-09-063		143	36	6	102	4	3	0.4	<0.2	<20	<5	<10	122
COM95D-09-064		3	39	13	136	5	3	<0.2	<0.2	<20	<5	<10	160

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COM95D-09-025		20	<20	6	<5
COM95D-09-026		19	<20	4	<5
COM95D-09-027		22	<20	7	<5
COM95D-09-028		19	<20	4	<5
COM95D-09-029		18	<20	2	<5
COM95D-09-030		13	<20	9	<5
COM95D-09-031		17	<20	11	<5
COM95D-09-032		17	<20	7	<5
COM95D-09-033		15	<20	5	<5
COM95D-09-034		16	<20	4	<5
COM95D-09-035		16	<20	5	<5
COM95D-09-036		16	<20	11	<5
COM95D-09-037		16	<20	27	<5
COM95D-09-038		15	<20	22	<5
COM95D-09-039		16	<20	25	<5
COM95D-09-040		16	<20	23	<5
COM95D-09-041		16	<20	20	<5
COM95D-09-042		13	<20	6	<5
COM95D-09-043		14	<20	6	<5
COM95D-09-044		15	<20	4	<5
COM95D-09-045		16	<20	7	<5
COM95D-09-046		14	<20	25	<5
COM95D-09-047		14	<20	30	<5
COM95D-09-048		16	<20	17	<5
COM95D-09-049		19	<20	17	<5
COM95D-09-050		15	<20	8	<5
COM95D-09-051		14	<20	12	<5
COM95D-09-052		49	<20	5	<5
COM95D-09-053		15	<20	4	<5
COM95D-09-054		16	<20	20	<5
COM95D-09-055		15	<20	18	<5
COM95D-09-056		19	<20	11	<5
COM95D-09-057		18	<20	5	<5
COM95D-09-058		19	<20	7	<5
COM95D-09-059		18	<20	5	<5
COM95D-09-060		19	<20	5	<5
COM95D-09-061		18	<20	7	<5
COM95D-09-062		19	<20	7	<5
COM95D-09-063		19	<20	8	<5
COM95D-09-064		22	<20	7	<5

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COM95D-09-065		1.63	1.54	369	0.65	1.04	0.14	0.55	<5	9	140	4	6
COM95D-09-066		1.44	1.91	405	0.74	0.94	0.11	0.44	<5	11	130	6	10
COM95D-09-067		0.86	1.65	502	0.55	0.55	0.08	0.34	<5	10	127	3	5
COM95D-09-068		0.98	2.02	517	0.63	0.40	0.09	0.54	<5	10	120	6	8
COM95D-09-069		1.24	1.45	341	0.50	0.99	0.10	0.40	<5	6	124	4	5
COM95D-09-070		1.27	1.56	462	0.68	0.63	0.11	0.43	<5	8	119	3	6

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COM95D-09-065		3	45	8	90	5	3	<0.2	<0.2	<20	<5	<10	145
COM95D-09-066		24	48	5	60	4	2	0.2	<0.2	<20	<5	<10	130
COM95D-09-067		4	49	<5	33	5	1	<0.2	<0.2	<20	<5	<10	87
COM95D-09-068		29	56	<5	27	5	2	0.3	<0.2	<20	<5	<10	156
COM95D-09-069		58	43	<5	77	4	2	0.3	<0.2	<20	<5	<10	118
COM95D-09-070		16	67	<5	56	4	2	<0.2	<0.2	<20	<5	<10	128

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COM95D-09-065		21	<20	17	<5
COM95D-09-066		19	<20	22	<5
COM95D-09-067		18	<20	6	<5
COM95D-09-068		20	<20	6	<5
COM95D-09-069		16	<20	7	<5
COM95D-09-070		18	<20	10	<5

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COM95D-09-031		1.32	1.85	359	0.83	0.64	0.05	0.31	<5	5	105	9	6
Duplicate		1.29	1.81	350	0.82	0.63	0.05	0.30	<5	5	103	9	7
COM95D-09-041		1.76	1.42	339	0.66	1.10	0.13	0.36	<5	6	98	4	6
Prep Duplicate		1.68	1.58	350	0.69	1.21	0.14	0.37	<5	6	106	4	6
COM95D-09-048		1.28	1.20	283	0.53	0.45	0.12	0.38	<5	5	124	4	6
Duplicate		1.14	1.09	255	0.48	0.41	0.10	0.34	<5	5	111	4	5
COM95D-09-067		0.86	1.65	502	0.55	0.55	0.08	0.34	<5	10	127	3	5
Duplicate		0.88	1.65	506	0.56	0.57	0.09	0.34	<5	10	127	3	6

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COM95D-09-031		24	51	6	25	5	2	0.3	<0.2	<20	<5	<10	77
Duplicate		24	50	8	25	4	2	0.3	<0.2	<20	<5	<10	71
COM95D-09-041		73	68	<5	59	4	2	0.2	<0.2	<20	<5	<10	89
Prep Duplicate		65	65	9	60	4	2	0.3	<0.2	<20	<5	<10	102
COM95D-09-048		38	81	<5	51	4	5	<0.2	<0.2	<20	<5	<10	89
Duplicate		34	73	<5	45	3	5	0.2	0.2	<20	<5	<10	78
COM95D-09-067		4	49	<5	33	5	1	<0.2	<0.2	<20	<5	<10	87
Duplicate		4	49	<5	35	5	3	<0.2	<0.2	<20	<5	<10	88

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60136.1 (COMPLETE)

DATE PRINTED: 15-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-09-031		17	<20	11	<5
Duplicate		17	<20	10	<5
COM95D-09-041		16	<20	20	<5
Prep Duplicate		16	<20	22	<5
COM95D-09-048		16	<20	17	<5
Duplicate		14	<20	16	<5
COM95D-09-067		18	<20	6	<5
Duplicate		18	<20	4	<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60151.0 (COMPLETE)

DATE PRINTED: 17-FEB-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-10-001		<5
COM95D-10-002		<5
COM95D-10-003		<5
COM95D-10-004		22
COM95D-10-005		<5
COM95D-10-006		<5
COM95D-10-007		<5
COM95D-10-008		<5
COM95D-10-009		<5
COM95D-10-010		<5
COM95D-10-011		6
COM95D-10-012		12
COM95D-10-013		34
COM95D-10-014		38
COM95D-10-015		23
COM95D-10-016		32
COM95D-10-017		77
COM95D-10-018		53

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 23-FEB-95

REPORT: C95-60166.0 (COMPLETE)

PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COMD95-10-019		6	COMD95-10-059		22
COMD95-10-020		<5	COMD95-10-060		153
COMD95-10-021		7	COMD95-10-061		106
COMD95-10-022		<5	COMD95-10-062		267
COMD95-10-023		<5	COMD95-10-063		7
COMD95-10-024		<5	COMD95-10-064		514
COMD95-10-025		32	COMD95-10-065		107
COMD95-10-026		<5	COMD95-10-066A		134
COMD95-10-027		6	COMD95-10-066B		270
COMD95-10-028		<5	COMD95-11-001		6
COMD95-10-029		33	COMD95-11-002		26
COMD95-10-030		<5	COMD95-11-003		23
COMD95-10-031		98	COMD95-11-004		6
COMD95-10-032		127	COMD95-11-005		12
COMD95-10-033		28	COMD95-11-006		<5
COMD95-10-034		68	COMD95-11-007		21
COMD95-10-035		144	COMD95-11-008		33
COMD95-10-036		635	COMD95-11-009		12
COMD95-10-037		386	COMD95-11-010		30
COMD95-10-038		1765	COMD95-11-011		14
COMD95-10-039		992	COMD95-11-012		25
COMD95-10-040		>10000	COMD95-11-013		10
COMD95-10-041		259	COMD95-11-014		<5
COMD95-10-042		17	COMD95-11-015		9
COMD95-10-043		6	COMD95-11-016		8
COMD95-10-044		14	COMD95-11-017		<5
COMD95-10-045		9	COMD95-11-018		13
COMD95-10-046		34			
COMD95-10-047		21			
COMD95-10-048		43			
COMD95-10-049		84			
COMD95-10-050		39			
COMD95-10-051		34			
COMD95-10-052		23			
COMD95-10-053		82			
COMD95-10-054		125			
COMD95-10-055		195			
COMD95-10-056		140			
COMD95-10-057		176			
COMD95-10-058		296			

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CERTIFICAT D'ANALYSE

DATE PRINTED: 24-FEB-95

REPORT: C95-60166.5 (COMPLETE) PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
COM95D-10-040		12.89

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 17-FEB-95

REPORT: C95-60151.0 (COMPLETE) PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COM95D-10-002		<5
Duplicate		<5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.0 (COMPLETE)

DATE PRINTED: 23-FEB-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
COMD95-10-040		>10000
Duplicate		>10000
Prep Duplicate		>10000
COMD95-10-048		43
Duplicate		46
COMD95-11-003		23
Duplicate		22
COMD95-11-013		10
Prep Duplicate		35

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-10-023		0.72	1.13	449	0.50	0.78	0.03	0.20	<5	<1	92	3	2
COM95D-10-024		0.80	1.06	570	0.37	1.24	0.06	0.22	<5	2	99	3	2
COM95D-10-025		0.69	0.90	569	0.24	1.78	0.04	0.19	<5	1	74	2	2
COM95D-10-026		0.97	1.03	704	0.28	1.22	0.06	0.22	<5	<1	88	3	3
COM95D-10-027		0.94	1.23	656	0.35	1.44	0.06	0.22	<5	3	92	3	3
COM95D-10-028		0.80	2.16	709	0.60	1.72	0.05	0.15	<5	18	48	7	<1
COM95D-10-029		0.69	1.05	900	0.16	1.73	0.04	0.22	<5	<1	75	3	2
COM95D-10-030		0.80	2.16	697	0.58	1.56	0.07	0.29	<5	17	76	7	2
COM95D-10-031		0.54	1.08	749	0.22	1.28	0.02	0.20	<5	2	70	3	2
COM95D-10-032		0.62	1.24	1294	0.25	1.36	0.02	0.23	<5	1	74	3	2
COM95D-10-033		0.49	1.33	1074	0.07	0.87	0.02	0.24	<5	<1	82	3	2
COM95D-10-034		0.47	1.45	795	0.09	0.51	0.02	0.23	<5	<1	69	3	2
COM95D-10-035		0.56	1.51	961	0.17	0.42	0.02	0.24	<5	<1	81	3	2
COM95D-10-036		0.69	2.66	1015	0.21	0.26	0.02	0.28	<5	<1	85	6	2
COM95D-10-037		0.42	1.99	592	0.16	1.09	0.01	0.16	<5	<1	115	5	3
COM95D-10-038		0.42	2.22	499	0.07	0.12	0.01	0.22	<5	<1	91	5	2
COM95D-10-039		0.41	4.94	362	0.06	0.13	0.01	0.21	<5	<1	96	7	4
COM95D-10-040		0.47	6.67	423	0.11	0.11	0.01	0.19	<5	<1	94	10	7
COM95D-10-041		0.78	2.29	1489	0.46	0.33	0.01	0.24	<5	<1	69	6	2
COM95D-10-042		1.02	2.37	755	0.84	0.83	0.05	0.11	<5	25	74	10	2
COM95D-10-043		0.96	2.40	686	0.80	1.31	0.06	0.14	<5	26	88	10	3
COM95D-10-044		1.00	2.45	679	0.84	0.68	0.06	0.15	<5	27	78	10	2
COM95D-10-045		0.97	2.04	678	0.78	0.90	0.06	0.15	<5	24	71	10	2
COM95D-10-046		1.14	2.54	933	0.99	0.61	0.05	0.18	<5	23	73	10	3
COM95D-10-047		1.12	2.80	812	0.98	1.39	0.07	0.18	<5	29	65	11	3
COM95D-10-048		0.69	1.16	2060	0.15	1.39	0.01	0.26	<5	<1	81	2	2
COM95D-10-049		0.57	1.11	1576	0.07	1.07	0.02	0.24	<5	<1	87	3	2
COM95D-10-050		0.58	1.15	1273	0.11	1.11	0.02	0.25	<5	<1	78	3	2
COM95D-10-051		0.60	1.54	919	0.14	0.96	0.02	0.25	<5	<1	88	3	3
COM95D-10-052		0.57	1.57	1048	0.12	1.04	0.02	0.26	<5	<1	81	3	2
COM95D-10-053		0.65	1.86	1053	0.36	0.55	0.02	0.21	<5	<1	96	4	2
COM95D-10-054		0.74	2.79	954	0.28	0.19	0.02	0.23	<5	<1	75	5	2
COM95D-10-055		0.87	3.94	852	0.25	0.18	0.01	0.25	<5	<1	95	7	7
COM95D-10-056		1.05	3.57	1219	0.52	0.35	0.01	0.24	<5	4	81	10	15
COM95D-10-057		1.46	3.83	1825	0.99	0.68	0.02	0.31	<5	12	85	15	30
COM95D-10-058		1.70	5.21	1612	1.17	0.62	0.02	0.24	<5	19	97	20	40
COM95D-10-059		1.19	3.16	1311	0.81	0.65	0.02	0.21	<5	8	79	8	9
COM95D-10-060		1.13	3.50	1302	0.86	0.27	0.01	0.17	<5	5	65	8	9
COM95D-10-061		0.89	2.98	1206	0.49	0.15	0.01	0.20	<5	<1	74	6	5
COM95D-10-062		0.71	3.66	684	0.29	0.14	0.02	0.20	<5	<1	71	7	4

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-10-023		4	31	<5	21	4	2	<0.2	<0.2	<20	<5	<10	35
COM95D-10-024		1	26	<5	43	4	1	<0.2	<0.2	<20	<5	<10	31
COM95D-10-025		4	130	<5	31	3	<1	<0.2	0.3	<20	<5	<10	23
COM95D-10-026		6	50	<5	40	3	1	0.3	<0.2	<20	<5	<10	28
COM95D-10-027		8	605	<5	42	5	1	0.3	2.5	<20	<5	<10	30
COM95D-10-028		3	54	<5	53	12	2	<0.2	<0.2	<20	<5	<10	27
COM95D-10-029		8	537	<5	37	3	2	0.5	2.4	<20	<5	<10	25
COM95D-10-030		3	48	<5	52	14	2	<0.2	<0.2	<20	<5	<10	54
COM95D-10-031		17	1065	<5	22	3	2	0.3	5.2	<20	<5	<10	21
COM95D-10-032		54	3109	<5	21	3	2	0.9	14.3	<20	<5	<10	25
COM95D-10-033		18	2187	<5	16	3	1	1.1	10.2	<20	<5	<10	25
COM95D-10-034		41	3360	5	10	3	1	0.9	16.0	<20	<5	<10	23
COM95D-10-035		62	3322	5	10	3	3	0.8	16.2	<20	<5	<10	27
COM95D-10-036		481	4483	11	13	3	5	1.4	26.2	<20	<5	<10	27
COM95D-10-037		226	2962	6	8	2	3	1.2	22.6	<20	<5	<10	14
COM95D-10-038		379	126	10	6	2	2	3.1	0.8	<20	<5	<10	22
COM95D-10-039		495	2985	17	7	2	3	3.1	20.2	<20	<5	<10	13
COM95D-10-040		4295	11085	37	6	2	4	17.0	71.2	<20	<5	<10	6
COM95D-10-041		310	1131	<5	18	3	2	1.1	5.3	<20	<5	<10	27
COM95D-10-042		133	62	<5	41	10	2	<0.2	<0.2	<20	<5	<10	23
COM95D-10-043		86	57	<5	45	12	2	<0.2	<0.2	<20	<5	<10	30
COM95D-10-044		155	62	<5	48	11	2	<0.2	<0.2	<20	<5	<10	41
COM95D-10-045		261	55	<5	39	10	1	<0.2	<0.2	<20	<5	<10	30
COM95D-10-046		275	72	<5	37	11	2	0.2	<0.2	<20	<5	<10	30
COM95D-10-047		58	66	<5	55	14	2	<0.2	<0.2	<20	<5	<10	40
COM95D-10-048		43	2044	<5	25	4	1	0.5	9.4	<20	<5	<10	26
COM95D-10-049		22	2594	<5	24	3	2	1.1	11.9	<20	<5	<10	24
COM95D-10-050		24	2669	<5	23	3	1	1.1	12.7	<20	<5	<10	24
COM95D-10-051		25	3318	<5	21	3	2	1.4	15.8	<20	<5	<10	24
COM95D-10-052		36	3553	<5	19	3	2	1.2	16.7	<20	<5	<10	27
COM95D-10-053		241	4051	<5	11	3	4	1.4	20.7	<20	<5	<10	23
COM95D-10-054		104	8811	<5	8	3	3	2.2	47.4	<20	<5	<10	22
COM95D-10-055		547	12672	8	9	3	6	6.5	69.5	<20	<5	<10	23
COM95D-10-056		195	10388	<5	11	3	5	4.5	55.7	<20	<5	<10	21
COM95D-10-057		70	7669	<5	15	2	2	5.8	37.9	<20	<5	<10	27
COM95D-10-058		494	7589	9	14	2	3	9.2	39.4	<20	<5	<10	24
COM95D-10-059		32	4387	<5	21	6	3	0.9	19.7	<20	<5	<10	28
COM95D-10-060		142	8730	<5	11	3	5	2.0	46.7	<20	<5	<10	20
COM95D-10-061		161	4055	<5	8	3	3	1.3	19.2	<20	<5	<10	23
COM95D-10-062		226	4606	<5	7	3	7	2.4	21.8	<20	<5	<10	20

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-10-023		16	<20	3	<5
COM95D-10-024		19	<20	3	<5
COM95D-10-025		15	<20	5	<5
COM95D-10-026		17	<20	6	<5
COM95D-10-027		21	<20	12	<5
COM95D-10-028		49	<20	<2	<5
COM95D-10-029		15	<20	11	<5
COM95D-10-030		58	<20	<2	<5
COM95D-10-031		17	<20	7	<5
COM95D-10-032		16	<20	17	<5
COM95D-10-033		16	<20	38	<5
COM95D-10-034		15	<20	39	<5
COM95D-10-035		14	<20	48	<5
COM95D-10-036		15	<20	204	<5
COM95D-10-037		11	<20	34	<5
COM95D-10-038		15	<20	56	<5
COM95D-10-039		23	<20	513	<5
COM95D-10-040		30	<20	1122	14
COM95D-10-041		18	<20	56	<5
COM95D-10-042		59	<20	3	<5
COM95D-10-043		73	<20	3	<5
COM95D-10-044		64	<20	<2	<5
COM95D-10-045		57	<20	<2	<5
COM95D-10-046		59	<20	4	<5
COM95D-10-047		80	<20	<2	<5
COM95D-10-048		20	<20	20	<5
COM95D-10-049		17	<20	79	<5
COM95D-10-050		15	<20	86	<5
COM95D-10-051		16	<20	85	<5
COM95D-10-052		17	<20	60	<5
COM95D-10-053		18	<20	125	<5
COM95D-10-054		17	<20	66	<5
COM95D-10-055		19	<20	36	6
COM95D-10-056		19	<20	68	<5
COM95D-10-057		17	<20	104	6
COM95D-10-058		22	<20	36	7
COM95D-10-059		33	<20	6	<5
COM95D-10-060		18	<20	41	<5
COM95D-10-061		17	<20	20	<5
COM95D-10-062		17	<20	40	6

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-10-063		0.80	1.84	687	0.54	1.13	0.06	0.15	<5	10	65	5	<1
COM95D-10-064		0.72	2.94	694	0.40	0.13	0.01	0.18	<5	<1	94	6	5
COM95D-10-065		0.97	2.79	1189	0.42	0.30	0.01	0.22	<5	<1	66	5	4
COM95D-10-066-A		1.08	3.21	1123	0.38	0.29	0.01	0.21	<5	<1	74	5	5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-10-063		16	63	<5	46	13	2	<0.2	<0.2	<20	<5	<10	29
COM95D-10-064		279	11723	<5	7	3	5	2.0	69.4	<20	<5	<10	22
COM95D-10-065		68	6743	<5	10	3	3	1.2	33.5	<20	<5	<10	26
COM95D-10-066-A		28	6513	<5	9	3	2	1.9	28.7	<20	<5	<10	27

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RAPPORT D'ANALYSE GÉOCHIMIQUE

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-10-063		67	<20	2	<5
COM95D-10-064		18	<20	76	5
COM95D-10-065		20	<20	16	<5
COM95D-10-066-A		19	<20	16	<5

1322 rue Harricana
Val d'Or, Québec J9P 3X6
Tél: (819) 825-0178
Fax: (819) 825-0256

CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.1 (COMPLETE) DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
COM95D-10-029		0.69	1.05	900	0.16	1.73	0.04	0.22	<5	<1	75	3	2
Duplicate		0.72	1.07	938	0.16	1.76	0.05	0.23	<5	<1	78	3	3
COM95D-10-040		0.47	6.67	423	0.11	0.11	0.01	0.19	<5	<1	94	10	7
Prep Duplicate		0.51	6.74	439	0.11	0.12	0.01	0.22	<5	<1	111	10	8
COM95D-10-046		1.14	2.54	933	0.99	0.61	0.05	0.18	<5	23	73	10	3
Duplicate		1.10	2.50	898	0.98	0.60	0.05	0.17	<5	23	72	10	3
COM95D-10-065		0.97	2.79	1189	0.42	0.30	0.01	0.22	<5	<1	66	5	4
Duplicate		0.98	2.81	1181	0.43	0.31	0.01	0.22	<5	<1	67	5	3

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
COM95D-10-029		8	537	<5	37	3	2	0.5	2.4	<20	<5	<10	25
Duplicate		8	540	<5	38	3	2	0.5	2.4	<20	<5	<10	27
COM95D-10-040		4295	11085	37	6	2	4	17.0	71.2	<20	<5	<10	6
Prep Duplicate		4477	8985	36	7	2	4	18.2	58.1	<20	<5	<10	6
COM95D-10-046		275	72	<5	37	11	2	0.2	<0.2	<20	<5	<10	30
Duplicate		269	72	<5	35	10	2	0.3	<0.2	<20	<5	<10	28
COM95D-10-065		68	6743	<5	10	3	3	1.2	33.5	<20	<5	<10	26
Duplicate		70	6814	<5	10	3	4	1.0	34.5	<20	<5	<10	26

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C95-60166.1 (COMPLETE)

DATE PRINTED: 13-MAR-95
PROJECT: F 5214

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM
COM95D-10-029		15	<20	11	<5
Duplicate		16	<20	11	<5
COM95D-10-040		30	<20	1122	14
Prep Duplicate		31	<20	1052	10
COM95D-10-046		59	<20	4	<5
Duplicate		58	<20	3	<5
COM95D-10-065		20	<20	16	<5
Duplicate		20	<20	15	<5

APPENDIX C

CHEMEX PULP RE-ASSAY (gold) CERTIFICATES

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: CAMECO CORPORATION

1349 KELLY LAKE RD., UNIT #6
SUDBURY, ON
P3E 5P5

A9514485

Comments: ATTN: M. KOZIAL

CERTIFICATE A9514485

(KPI) - CAMECO CORPORATION

Project: CAM F5124
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 11-APR-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
214	110	Rcvd as pulp; mesh size checked

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
877	110	Au oz/T: Fuse 30 g sample	FA-AAS	0.0005	0.3500
996	2	Au oz/T: 1 assay ton	FA-GRAVIMETRIC	0.002	20.000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: CAMECO CORPORATION

1349 KELLY LAKE RD., UNIT #6
SUDBURY, ON
P3E 5P5

Project : CAM F5124
Comments: ATTN: M. KOZIAL

Certificate Date: 11-APR-95
Invoice No. : I9514485
P.O. Number :
Account :KPI

CERTIFICATE OF ANALYSIS A9514485

SAMPLE	PREP CODE		Au oz/T FA+AA	Au FA oz/T
COM95D-07-03	214	--	0.0080	-----
COM95D-07-04	214	--	0.0100	-----
COM95D-07-05	214	--	0.0105	-----
COM95D-07-06	214	--	0.0025	-----
COM95D-07-07	214	--	0.0020	-----
COM95D-07-08	214	--	0.0160	-----
COM95D-07-09	214	--	0.0030	-----
COM95D-07-10	214	--	0.0850	-----
COM95D-07-11	214	--	0.0110	-----
COM95D-07-12	214	--	0.0510	-----
COM95D-07-13	214	--	0.0035	-----
COM95D-07-14	214	--	0.0040	-----
COM95D-07-15	214	--	0.0080	-----
COM95D-07-16	214	--	0.0090	-----
COM95D-07-17	214	--	0.1675	-----
COM95D-07-18	214	--	>0.3500	0.483
COM95D-07-19	214	--	0.0710	-----
COM95D-07-32	214	--	0.0335	-----
COM95D-07-33	214	--	0.1395	-----
COM95D-07-34	214	--	0.0125	-----
COM95D-07-35	214	--	0.0080	-----
COM95D-07-36	214	--	0.0080	-----
COM95D-07-37	214	--	0.0785	-----
COM95D-07-38	214	--	0.0380	-----
COM95D-07-39	214	--	0.0075	-----
COM95D-07-40	214	--	0.0180	-----
COM95D-07-41	214	--	0.0175	-----
COM95D-07-42	214	--	0.0040	-----
COM95D-07-43	214	--	0.0140	-----
COM95D-07-44	214	--	0.0065	-----
COM95D-07-45	214	--	0.0020	-----
COM95D-07-46	214	--	0.0030	-----
COM95D-07-47	214	--	0.0065	-----
COM95D-07-48	214	--	0.0030	-----
COM95D-07-49	214	--	0.0085	-----
COM95D-07-50	214	--	0.0030	-----
COM95D-07-51	214	--	0.0105	-----
COM95D-07-52	214	--	0.0265	-----
COM95D-07-53	214	--	0.0115	-----
COM95D-07-54	214	--	0.0070	-----

CERTIFICATION: [signature]

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

TO: CAMECO CORPORATION

1349 KELLY LAKE RD., UNIT #6
SUDBURY, ON
P3E 5P5

Project : CAM F5124
Comments: ATTN: M. KOZIAL

Certificate Date: 11-APR-95
Invoice No. : 19514485
P.O. Number :
Account : KPI

CERTIFICATE OF ANALYSIS A9514485

SAMPLE	PREP CODE		Au oz/T FA+AA	Au FA oz/T
COM95D-07-55	214	--	0.0415	-----
COM95D-07-56	214	--	0.1090	-----
COM95D-07-57	214	--	0.0405	-----
COM95D-07-58	214	--	0.0030	-----
COM95D-07-59	214	--	0.0125	-----
COM95D-07-60	214	--	0.0050	-----
COM95D-07-61	214	--	0.0070	-----
COM95D-07-62	214	--	0.0075	-----
COM95D-07-63	214	--	0.0045	-----
COM95D-08-21	214	--	0.0045	-----
COM95D-08-22	214	--	0.0075	-----
COM95D-08-23	214	--	0.0035	-----
COM95D-08-24	214	--	0.0100	-----
COM95D-08-25	214	--	0.0105	-----
COM95D-08-26	214	--	0.0050	-----
COM95D-08-27	214	--	0.0180	-----
COM95D-08-28	214	--	0.0155	-----
COM95D-08-29	214	--	0.0050	-----
COM95D-08-30	214	--	<0.0005	-----
COM95D-08-31	214	--	0.0215	-----
COM95D-08-32	214	--	0.0600	-----
COM95D-08-33	214	--	0.0370	-----
COM95D-08-34	214	--	0.0145	-----
COM95D-08-35	214	--	0.0145	-----
COM95D-08-36	214	--	0.0065	-----
COM95D-08-37	214	--	0.0065	-----
COM95D-08-38	214	--	0.0130	-----
COM95D-08-39	214	--	0.0045	-----
COM95D-08-40	214	--	<0.0005	-----
COM95D-08-58	214	--	0.0045	-----
COM95D-08-59	214	--	0.0095	-----
COM95D-08-60	214	--	0.0010	-----
COM95D-08-61	214	--	0.0065	-----
COM95D-08-62	214	--	0.0350	-----
COM95D-08-63	214	--	0.0055	-----
COM95D-08-64	214	--	0.0025	-----
COM95D-08-65	214	--	0.0020	-----
COM95D-08-66	214	--	0.0040	-----
COM95D-10-34	214	--	0.0020	-----
COM95D-10-35	214	--	0.0045	-----

CERTIFICATION: ______

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: CAMECO CORPORATION

1349 KELLY LAKE RD., UNIT #6
SUDBURY, ON
P3E 5P5

Project : CAM F5124
Comments: ATTN: M. KOZIAL

Certificate Date: 11-APR-95
Invoice No. : 19514485
P.O. Number :
Account :KPI

CERTIFICATE OF ANALYSIS A9514485

SAMPLE	PREP CODE		Au oz/T FA+AA	Au FA oz/T
COM95D-10-36	214	--	0.0190	-----
COM95D-10-37	214	--	0.0140	-----
COM95D-10-38	214	--	0.0600	-----
COM95D-10-39	214	--	0.0290	-----
COM95D-10-40	214	--	>0.3500	0.426
COM95D-10-41	214	--	0.0100	-----
COM95D-10-42	214	--	<0.0005	-----
COM95D-10-43	214	--	<0.0005	-----
COM95D-10-44	214	--	<0.0005	-----
COM95D-10-45	214	--	<0.0005	-----
COM95D-10-46	214	--	0.0010	-----
COM95D-10-47	214	--	<0.0005	-----
COM95D-10-48	214	--	0.0005	-----
COM95D-10-49	214	--	0.0030	-----
COM95D-10-50	214	--	0.0005	-----
COM95D-10-51	214	--	0.0010	-----
COM95D-10-52	214	--	0.0005	-----
COM95D-10-53	214	--	0.0030	-----
COM95D-10-54	214	--	0.0035	-----
COM95D-10-55	214	--	0.0055	-----
COM95D-10-56	214	--	0.0040	-----
COM95D-10-57	214	--	0.0060	-----
COM95D-10-58	214	--	0.0090	-----
COM95D-10-59	214	--	0.0005	-----
COM95D-10-60	214	--	0.0040	-----
COM95D-10-61	214	--	0.0030	-----
COM95D-10-62	214	--	0.0080	-----
COM95D-10-63	214	--	<0.0005	-----
COM95D-10-64	214	--	0.0145	-----
COM95D-10-65	214	--	0.0025	-----

CERTIFICATION: [signature]

APPENDIX D

WHOLE ROCK ASSAY CERTIFICATES

TSL/ASSAYERS Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M4779**

File No. : MR14RA
Date : MAR-15-1995

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

5W-0596-RG1

SAMPLE #	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	TiO2 %	MnO %	P2O5 %	Ba ppm	Sr ppm	Zr ppm	Y ppm	Sc ppm	Be ppm	Co ppm	Cr ppm	Cu ppm	Ni ppm	V ppm	Zn ppm	Nb ppm	Rb %	LOI %	TOTAL %
COM95D06-91.0	48.31	16.79	12.01	11.83	6.58	1.71	0.44	0.63	0.31	0.10	160	320	70	16	30	< 1	50	435	40	115	205	200	< 30	<0.05	1.49%	100.20
COM95D06-300.0	69.75	15.20	3.46	4.41	1.38	0.78	2.92	0.25	0.09	0.12	850	170	120	12	5	< 1	5	455	85	10	40	40	< 30	<0.05	2.08%	100.43
COM95D06-316.8	69.51	15.27	3.12	2.55	1.16	0.59	5.04	0.23	0.09	0.12	1150	150	110	6	4	< 1	< 5	195	200	10	20	70	< 30	<0.05	2.52%	100.21
COM95D06-358.8	67.85	18.85	2.84	2.61	1.13	2.01	2.30	0.32	0.04	0.16	880	380	140	14	5	< 1	10	315	< 5	5	35	25	< 30	<0.05	2.00%	100.10
COM95D06-386.7	56.49	14.31	8.17	5.59	6.05	1.70	1.52	0.49	0.20	0.16	290	380	70	6	20	< 1	20	1030	15	175	135	60	< 30	<0.05	3.61	98.26
COM95D07-141.9	70.66	14.71	5.05	0.80	0.86	0.35	4.26	0.21	0.07	0.12	760	100	120	10	3	< 1	5	180	15	< 5	15	65	< 30	<0.05	3.54%	100.62
COM95D09-368.0	65.43	17.84	3.37	2.34	1.26	1.76	3.12	0.29	0.06	0.14	830	350	130	16	5	< 1	10	325	40	10	35	35	< 30	<0.05	2.55	98.16
COM95D09-401.2	67.50	16.27	3.10	3.51	0.96	4.80	1.26	0.26	0.08	0.14	390	470	140	10	4	< 1	< 5	275	30	20	25	60	< 30	<0.05	0.49	98.36
COM95D010-234.0	66.94	16.29	3.79	2.05	0.70	1.52	4.42	0.23	0.45	0.14	570	210	140	10	3	< 1	5	255	40	10	25	725	< 30	<0.05	3.26	99.78
COM95D010-255.3	72.52	14.37	4.18	0.31	0.70	0.34	4.22	0.21	0.20	0.12	430	50	130	8	3	< 1	< 5	310	55	5	15	70	< 30	<0.05	3.58%	100.77
COM95D010-282.0	70.75	12.95	7.09	0.26	0.69	0.41	3.36	0.22	0.43	0.10	410	70	130	8	3	< 1	< 5	285	510	< 5	35	13710	< 30	<0.05	4.25%	100.53
COM95D010-313.5	69.97	14.45	4.96	1.31	0.82	1.89	3.84	0.22	0.52	0.12	640	140	140	8	3	3	5	270	55	15	25	4110	< 30	<0.05	2.76%	100.86
COM95D011-103.6	63.73	17.69	3.63	3.48	0.95	4.14	1.60	0.33	0.05	0.16	270	260	100	8	4	< 1	5	165	10	5	40	155	< 30	<0.05	4.52%	100.28
COM95D011-133.0	65.33	16.23	3.19	2.61	0.82	6.02	1.38	0.30	0.04	0.14	340	170	80	8	4	< 1	10	890	35	15	55	85	< 30	<0.05	2.59	98.64
COM95D011-147.5	64.74	16.47	2.74	3.44	0.53	5.91	1.66	0.30	0.04	0.14	320	180	80	8	4	< 1	< 5	120	10	< 5	35	35	< 30	<0.05	3.65	99.59
COM95D011-160.3	67.38	16.57	2.99	2.31	1.01	4.23	1.90	0.32	0.03	0.14	360	180	90	8	3	< 1	5	150	< 5	5	30	50	< 30	<0.05	3.36%	100.25

SIGNED :

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

5W-0596-RG1

Company: **CAMECO CORPORATION**
Project:
Attn: M. Koziol

Date: MAR-10-95

We hereby certify the following Geochemical Analysis of 16 Rock samples submitted MAR-03-95 by .

Sample Number	Au PPB	Au Check PPB	WRA + minors
CCM95D06-91.0	10	-	Results
CCM95D06-300.0	72	-	to
CCM95D06-316.8	281	257	follow
CCM95D06-358.8	27	-	
CCM95D06-386.7	19	-	
CCM95D07-141.9	125	106	
CCM95D09-368.0	94	-	
CCM95D09-401.2	17	-	
CCM95D010-234.0	65	-	
CCM95D010-255.3	74	-	
CCM95D010-282.0	118	-	
CCM95D010-313.5	35	-	
CCM95D011-103.6	7	-	
CCM95D011-133.0	3	-	
CCM95D011-147.5	103	134	
CCM95D011-160.3	58	-	

One assay ton portion used.

Certified by ____________

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705)642-3300

APPENDIX E

PETROGRAPHIC REPORTS

PETROGRAPHIC REPORT

<u>**For:**</u>
Michael Koziol
Project Geologist

CAMECO CORPORATION

May 9, 1995

By: Eva S. Schandl Ph.D.

OBJECTIVES

The objectivs of this petrographic study are:

(1) To identify the mineral which hosts the gold
(2) To determine the alteration assemblage most likely to be associated with gold mineralization, and
(3) To identify the protoliths of the host rocks.

DISCUSSION AND CONCLUSIONS

Optical identification of very fine-grained gold grains in rocks from drill hole CO94-04 indicates that **GOLD** always occurs as inclusions in pyrite, or it is spatially associated with pyrite. In sample CO94D-201(B) two very small gold grains occur at the contact between two pyrite grains, and globular gold inclusions are also hosted by an anhedral pyrite (sample CO94D-04-201) and a broken pyrite (CO94D-04-202.4). Although the gold-bearing anhedral pyrites are often fractured, gold appears to be unrelated to and pre-dates the fractures.

Textural evidence suggests that the rocks in this study are felsic fragmentals. The semi-granoblastic texture of quartz in the matrix and some veins suggests metamorphic recrystallization. The subrounded quartz grains in the matrix and mafic bands in some samples imply the presence of some sedimentay component. Instrumental neutron activation analysis (INAA) of one mineralized sample from the same property (# COM9507-155; thin section no. C95-7-2) demonstrates that the felsic fragmentals were derived from calc-alkalic rocks of dacitic composition.

The specific alteration assemblage associated with mineralization is difficult to identify, as the minerals collectively represent the cumulative affect(s) of polyphase metamorphism and deformation. Based on petrographic observations however, it is suggested that gold mineralization was probably related to the earliest alteration, such as silicification, pyritization and the first episode of sericitization. The relative paucity of calc-silicate alteration (i.e. epidote, garnet) in these rocks compared to the suite of samples of a previous study from the same property; the absence of graphite, chalcopyrite, sphalerite and the limited amount of fracture-controlled anastomosing sericite veins compared to the matrix sericite implies that the contribution of the above alteration minerals was probably less important to the mineralizing event. The significance of relict andalusite in the rocks is unclear. One explanation may be that the rocks were "enriched" in Al_2O_3 due to the removal of other elements during hydrothermal alteration, and the Al-rich rocks subsequently crystallized andalusite during metamorphism. The abundance of sillimanite which replaces muscovite in the rocks, suggests a later episode of progressive metamorphism.

Sample No: CO94D 04-200 **Rock Type: Siliceous fragmental ?**

Hand Specimen Description:

Featureless, siliceous fragmental. The rock is cross-cut by numerous quartz veinlets as well as by small, dark, contorted veinlets. Few biotite pods locally occur in the less siliceous part of the rock. Coarse and fine-grained pyrite is dispersed throughout.

Petrographic Description:

Very fine-grained, silicified rock (contains numerous quartz veins) and a network of biotite veinlets. The biotite veins outline and are interstitial to lapilli (?) fragments. The matrix is pervasively sericitized and quartz phenocrysts (or clasts?) are boudinaged by sericite + biotite veins. Recrystallized quartz pods and veins are rimmed by sericite, biotite and sillimanite. Fibrous, contorted (kink-bands) sillimanite veins have inclusions of first generation sericite, second generation muscovite, and rutile. Biotite occurs not only in veins but also in small pods - most likely replacing mafic minerals. Pyrite grains are sub to euhedral and are most abundant within the quartz and biotite veins. In the latter the grains are smaller and tend to be anhedral.

Mineral	%	Grain size(mm)	Description
Quartz	60	<0.2-2.0	Anhedral to subhedral quartz "phenocrysts" are abundant and have undulose extinction. Within veins, quartz has semi-granoblastic texture and somewhat ragged grain boundaries. The matrix quartz is very fine-grained.
Sericite-muscovite	22		Much of the sericite is interstitial to quartz in the matrix, but also occurs as small veinlets, rimming quartz veins or aggregates. Muscovite laths are often part of the biotite pods, occur within quartz veins and as inclusions in sillimanite vein.
Biotite	6	<0.5	Biotite aggregates form small pods and biotite (± sericite) veins outline lapilli (?) fragments.
Epidote	1		Fine-grained epidote laths are part of the quartz-sericite-biotite matrix and some

			occur within the biotite veinlets.
Sillimanite	2		Fibrous sillimanite occurs in contorted, deformed veinlets, replacing sericite and muscovite.
Garnet	2		Very fine-grained anhedral aggregates occur throughout the matrix and form rims on quartz veins.
Carbonate	1	<0.5	Minor calcite occurs in quartz veins and within the matrix.
Rutile	<1		Small rutile aggregates formed at the expense of ilmenite. They often occur in the biotite pods.
Pyrite	5	<0.5-1.0	Sub to euhedral pyrite are dispersed throughout the matrix. Some have pressure shadows of pyrrhotite. Some pyrite have pyrrhotite inclusions, whereas others are fragmented and partly replaced by pyrrhotite.
Pyrrhotite	<1	<0.1-0.5	Small pyrrhotite grains occur as inclusions within pyrite, as rims on pyrite and as single, anhedral grains.

Accessory Minerals: Apatite (quite abundant), euhedral zircon, tourmaline.

Sample No: CO94D 04-201 **Rock Type: Silicified fragmental ?**

Hand Specimen Description:

Very fine-grained, medium-grained rock. The abundance of cherty pods and veinlets suggests that the rock has been extensively silicified. Coarse-grained, euhedral pyrite are abundant in the quartz-rich pods and veins as well as in the matrix, whereas fine-grained, anhedral pyrite grains are generally localized in small, dark veins. Small quartz phenocrysts are present in some fragments.

As very fine-grained GOLD was optically identified in this sample, 3 polished thin sections (201, 201-A & 201-B) were cut from the rock for a more detailed characterization, and for demonstrating the textural relationships between gold and the alteration assemblages.

Petrographic Description:

Silicified and sericitized rock consists of quartz-rich fragments. Quartz veins include coarse-grained pyrite. Sericite alteration is pervasive, but sericite is partly replaced by fibrous sillimanite (fibrolite) in veins and it commonly boudinages quartz veins. Fine-grained rutile occurs in the sillimanite veins. Small (2-3 mm) biotite-rich pods, probably formed at the expense of some mafic minerals, are partly replaced by chlorite. Fine-grained anhedral pyrite seem to "heal" the fragments. **GOLD** occurs within small anhedral pyrite, some of which are fragmented.

Mineral	**%**	**Grain size(mm)**	**Description**
Quartz	60	<0.2-1.0	Anhedral quartz occurs in fine-grained matrix. Many of the larger grains are subrounded and have embayed grain boundaries. The shape of the grains could suggest either sediment transport or resorption during metasomatism. They all have undulose extinction.
Sericite	35		Interstitial sericite occurs throughout the rock, whereas coarser-grained muscovite forms localized patches. Small sericite veins are partly replaced by sillimanite.
Sillimanite	0.5		Fibrous sillimanite forms veins, partly replacing sericite and muscovite. Fine-grained rutile is common in these veins.

Carbonate	tr	<0.3	Fine-grained carbonates occur within quartz veins and some form rims on pyrite.
Biotite	tr	<0.3	Biotite occur in small pods and is partly replaced by chlorite.
Chlorite	tr		Chlorite replaces biotite and is interstitial to sillimanite veins.
Rutile	tr		Rutile occurs in aggregates after ilmenite, as single grains in sericite-sillimanite veins and are also dispersed through the rock matrix.
Pyrite	5	<0.5-1.0	Coarse pyrite grains are generally subhedral-euhedral and occur within quartz veins and pods, as well as in the matrix. Smaller, anhedral and fragmented pyrite occurs within sericite and sillimanite veins. Some of these have **gold** inclusions.
Pyrrhotite	<1	<0.5	Few anhedral grains occur in the matrix.

Accessory Minerals: zircon, apatite (quite abundant in matrix and in quartz veins).

Sample No: CO94D 04-201-A **Rock Type: Silicified fragmental ?**

Petrographic Description:

Siliceous rock, extensively sericitized and the sericite is partly replaced by sillimanite. The recrystallized quartz aggregates have ragged, uneven grain boundaries, suggesting disequilibrium recrystallization. Sillimanite occurs in highly deformed, contorted bundles and form typical wrap-around texture on the recrystallized quartz aggregates. Minor, very fine-grained epidotes occur in localized aggregates - either rimming recrystallized quartz pods or they are interstitial to quartz grains. Some localized biotite aggregates are dispersed throughout the matrix and evidently formed after minerals of more mafic composition. Although sericite forms a penetrative mat, acicular muscovite cross-cuts the fine-grained sericite, suggesting more than one episode of sericite alteration. Fractured pyrite is common in the rock. Some pyrites are part of the quartz aggregates and they are rimmed by minor chlorite. The spike-shaped selvages of some pyrite and their lamellar texture suggest that they may be sulfidized ilmenite.

Mineral	%	Grain Size (mm)	Description
Quartz	50	0.5-1	Most quartz have ragged, uneven grain boundaries, although relict granoblastic texture was also observed within quartz aggregates. Most grains are anhedral and do not resemble phenocrysts.
Sericite	40		Very fine-grained sericite forms a mat and some are replaced by acicular needles of coarse-grained muscovite (up to 0.5 mm). Sillimanite forms at the expense of fine-grained sericite and muscovite.
Sillimanite	5		Very fine-grained sillimanite occur in highly contorted veins and pods within the quartz-sericite matrix. They also occur in the mafic bands within the sericitized matrix, suggesting a sedimentary texture.
Biotite	<1	<0.1	Biotite forms small aggregates, some occur as very fine-grained veinlets. They are partly replaced by chlorite.
Epidote	<1	<0.2	Epidote aggregates are interstitial to and form partial selvages on some recrystallized quartz pods.
Pyrite	5	<0.5-1.5	Some pyrite are fractured, most are anhedral and some replace ilmenite (?). Spike-like rims of pyrite and the skeletal shape of some grains is in support of ilmenite as protoliths. **GOLD** occurs as minute inclusions in some pyrite.
Pyrrhotite	<1	<0.5	Few anhedral pyrrhotite grains are present in the matrix and some small pyrrhotite globules are included in pyrite.

Sample No: CO94D 04-201-B **Rock Type: Silicified fragmental ?**

Petrographic Description:

Although the mineralogy and texture of this sample is comparable to the previous two, there are some differences. The major difference lies in the presence of a small, but prominent zeolite (stilbite?) vein. The plumose, sheaf-like mineral has a low relief and birefringence and wavy extinction. The vein is partly replaced and rimmed on the selvages by sericite and sillimanite. This suggests that stilbite predated at least some of the alteration. Fine-grained carbonate is interstitial to stilbite. As fragmented pyrite (at the termination of the vein) is rimmed by stilbite, it is suggested that early pyrite in the rock predated most alteration. A quartz vein parallels the stilbite vein.

Skeletal ilmenite is part of the matrix; some are partly replaced by rutile aggregates and some by pyrite.

Sample No: CO94D 04-201.5 **Rock Type: Siliceous fragmental ?**

Hand Specimen Description:

Fine-grained, siliceous, medium grey rock; it contains some fragments. Small, yellowish, cherty veinlets are parallel and contain very fine-grained pyrite. Small, dark veins cross-cut the rock fabric and the cherty veins. The dark veins contain slightly coarser-grained pyrite.

Two thin sections were prepared and are described from this sample in order to characterize the alteration assemblages (and their paragenetic sequence) associated with GOLD. The gold occurs within pyrite.

Petrographic Description:

Extensively sericitized, very fine-grained featureless rock. It may be an altered felsic volcaniclastic rock, although subrounded quartz grains are more consistent with a sediment protolith. The rock consists predominantly of fine-grained quartz, sericite and muscovite veinlets, and interstitial sericite. Anhedral pyrite occurs mostly in association with the muscovite and sericite veins, although some are dispersed throughout the matrix. Fine-grained epidote is locally concentrated within one fragment. **GOLD** occurs on the rim of pyrrhotite which is included in the pyrite.

Mineral	%	Grain size(mm)	Description
Quartz	60	<0.1-1.0	Anhedral to subrounded quartz grains vary in size, but most are <0.1 mm. They have uneven, ragged and embayed grain boundaries, suggesting extensive recrystallization. One fragment contains slightly coarser grains with semi-granoblastic texture.
Sericite	30		Sericite is interstitial to quartz; it forms fine-grained mats (relict?) and occurs in small veinlets. Some veinlets are mildly crenulated and deformed, suggesting a pre-deformation origin. One fragment contains a muscovite vein which consists of well oriented laths crystallized at the expense of the sericite mats.

Pyrite	10	<0.5-1.0	Most grains are anhedral (few are euhedral) with uneven, embayed grain boundaries (in reflected light). Some are fragmented and cross-cut by sericite veinlets. A few pyrite grains contain small inclusions of pyrrhotite and some are intergrown with pyrrhotite. One pyrite grain with pyrrhotite inclusion contains a micron-size **GOLD** grain (at the pyrrhotite-pyrite boundary).
Pyrrhotite	<1	<0.1-0.5	Anhedral grains generally occur near pyrite, and some are included in pyrite.
Epidote	1	<0.3	Very fine-grained, globular aggregates are mostly localized in the coarser-grained fragment. Some form a rim the sericite mats and some are interstitial to sericite - muscovite veinlets.
Chlorite	<1		Iron-rich chlorite partly replaces epidote and biotite.
Biotite	<1	<0.3	Minor aggregates.
Rutile	<1		Fine-grained rutile aggregates appear to have formed at the expense of ilmenite-magnetite. Although they are dispersed throughout the quartz-rich matrix, they tend to be localized within sericite veins and aggregates.

Accessory Minerals: albite (relict in clast), carbonate, apatite.

Sample No: CO94D 04-201.5 A **Rock Type: Siliceous fragmental ?**

This very fine-grained rock contains numerous subrounded quartz clasts. The matrix is extensively sericitized and needle-shaped, slightly coarser-grained muscovite aggregates replace andalusite (?). This rock appears to be a sediment with alternating bands of mafic and felsic components. The mafic band consists mostly of epidote, carbonate, talc, pyrite and chlorite and the felsic band consists of quartz, sericite, muscovite and relict andalusite. The sulfides which are also part of the matrix, segregate along the mafic bands, within the andalusite-muscovite band and within small sillimanite veinlets. Some carbonates occur in fractured pyrites and as minor replacement after quartz within the matrix. **GOLD** (optically identified) on the tip of a small pyrrhotite bleb is included within an anhedral pyrite grain. The pyrite occurs within the mafic band.

Mineral	%	Grain Size(mm)	Description
Quartz	45	<0.5	Fine-grained quartz grains occur mostly as part of the matrix; they generally have ragged, embayed grain boundaries, suggesting a sedimentary origin.
Sericite	35		Pervasive sericitization is a characteristic feature of the rock, but the sericite is partly replaced by sillimanite. Ghosts of relict andalusite occurs within the sericitized matrix, and are partly replaced by muscovite needles.
Muscovite	5	<0.5	Needle-shaped muscovite occurs as replacement after andalusite.
Pyrite	8	up to 1	Anhedral-euhedral pyrite are present in the matrix, but most common are within the mafic band and the veins. Some have spike-like terminations, suggesting possible replacement after ilmenite.
Sillimanite	<1		Occurs in small, contorted veinlets - some are associated with relict andalusite.
Carbonate	1	0.2	Carbonates are common in the mafic bands, they occur in fractured pyrite and in the rock matrix, replacing quartz.

Chlorite	<1	Chlorite alteration is most common within the mafic band where chlorite partly replaces mafic minerals.
Rutile	<1	Rutile aggregates replace magnetite-ilmenite in the matrix.

Accessory Minerals: abundant apatite

Sample No: CO94D 04-202.4 **Rock Type: Fragmental**

Hand Specimen Description:

Fine-grained rock consists of medium grey fragments and green, shard-like fragments. The green fragments are rimmed by mm-wide white reaction rims.

Petrographic Description:

Very fine-grained rock contains sericitized felsic fragments and amphibolitized mafic fragments. The mafic fragments are made up predominantly of actinolitic amphibole, biotite, talc and epidote. A few relict clinopyroxene grains are preserved and they are partly replaced by actinolite. Talc altered pods and veins are interstitial to the green fragments. Reaction rims on mafic fragments are fine-grained epidote and talc. Pyrite is relatively abundant and is randomly distributed throughout the rock.

Mineral	%	Grain Size(mm)	Description
Quartz	65	<0.5	Mostly grains are anhedral with embayed, ragged grain boundaries. Few broken "phenocrysts" suggests a felsic precursor. In the matrix, quartz has recrystallized to partly granoblastic aggregates.
Sericite	5		Sericite most commonly occurs in small veinlets within felsic fragments or between fragments. They form wrap-around texture on some quartz and pyrite.
Biotite	5	<0.5	Biotite occurs in aggregates within epidote-biotite-talc pods, and form veinlets, cross-cutting the rock.
Amphibole	5	<0.5	Fine-grained amphibole (green actinolite?) is randomly oriented within amphibole veins, fragments and pods. They generally replace earlier mafic minerals such as clinopyroxene.
Talc	5		Fine-grained talc is difficult to distinguish from sericite due to its high birefringence. Talc is associated only with the mafic

			fragments where they occur at the contact between mafic and felsic fragments and form small islands which are rimmed by amphibole.
Epidote	2	<0.5	Two types of epidote are present; semi-globular, pleochroic anhedral grains within amphibole-rich pods and selvages on the mafic fragments (white rims on the mafic fragments: hand specimen scale), and less commonly, small, lath-shaped non-pleochroic grains within the felsic and mafic matrix.
Ilmenite	<1		Most ilmenites are anhedral, some are partly replaced by pyrite and some are partly altered to fine-grained rutile.
Pyrite	10	<0.5-3	Pyrite occurs as euhedral-subhedral grains within the mafic and felsic fragments. Many are partly replaced by pyrrhotite along fractures which also form rims on some grains.
Pyrrhotite	1		Some pyrrhotites occur as single grains and replacement after pyrite (de-sulfidation?).
Chlorite	1		Partly replaces amphibole (retrograde).
Clinopyroxene	tr	<0.5	Clinopyroxenes are small, relict, fragmented grains.

Accessory minerals: zircon, rutile, apatite, magnetite

PETROGRAPHIC REPORT

For:

Michael Koziol
Project Geologist

CAMECO CORPORATION

April 1, 1995

By: Eva S. Schandl Ph.D.

PETROGRAPHIC REPORT ON A SUITE OF 24 SAMPLES

FROM: North of Val d'Or, Quebec

Objectives

The objectives of this petrographic study are:

(1) To determine the mode of occurrence of the gold in the high-grade samples, including the textural relationship between sulfides, alteration assemblages and gold,

(2) To determine if gold is preferentially associated with the felsic flows or with the pyroclastic rocks (volcaniclastics) and with the phenocryst-rich or the phenocryst-poor volcanic rocks,

(3) To determine which type of pyrite is most likely to be associated with gold; the fine-grained, fracture-filling anhedral grains or the coarse-grained, euhedral porphyroblasts, and

(4) To determine if the style of alteration in the suite of 24 rocks is comparable to the style of alteration at the Bousquet mine, Quebec.

Textural relationship between sulfides, alteration assemblages and gold

Several (7) small gold inclusions were identified in sample COM9507-155. All of the gold grains occur as inclusions in fractured pyrite, although they are not within the fractures. Six of the seven gold grains occur on the rim of small pyrrhotite grains which are included in pyrite, whereas one grain is flanked by two small arsenopyrite (?) grains - also included in pyrite. Although all of the pyrites which host the gold are fractured, none of the gold grains occur within the fractures. This suggests that pyrite, pyrrhotite and gold pre-dated the fracturing of pyrite.

The rock is extensively silicified and the recrystallization of quartz to granoblastic texture suggests that silicification predated the metamorphic recrystallization of the rock. Because some pyrite contains inclusions of quartz, it is suggested that pyrite was superimposed on quartz veins after silicification but before the metamorphic recrystallization of the rocks. Sericite (occurs on vein selvages and pyrite), epidote and garnet (on pyrite rims) suggests that they all post-dated gold mineralization.

Gold has not been optically identified in other mineralized rocks such as COM9510-259.5. Although the relative abundance of chalcopyrite associated with pyrite suggests a different style of mineralization from COM9507-155, the small pyrrhotite inclusions in the fractured pyrite implies that the high gold content is related to the pyrrhotite-pyrite assemblage.

Is Au mineralization associated with felsic flows or with the felsic pyroclastics ?

The rhyolite fragmentals appear to have higher gold values than the massive rhyolite. This is consistent with observations that the pre-metamorphic silicification (fracture healing) of the fragmentals is intimately associated with pyrite (+pyrrhotite) and gold. It should be emphasized however, that not all fragmentals are mineralized.

Whether the mineralized rhyolites are phenocryst-rich or phenocryst poor is difficult to demonstrate. As metamorphic recrystallization (two episodes of silicification, sericite, chlorite, carbonate calc-silicate etc. alteration) obscured the primary textural features of many of the 24 rocks studied, distinction between porphyritic and aphanitic protoliths is often impossible. On the thin section scale however, it is easier to recognize recrystallized quartz phenocrysts than on the hand specimen scale. The latter often appear as quartz "blebs" believed to have been associated with silicification.

Textural characteristics of pyrite most likely to be associated with gold

While it is difficult to distinguish between first and second generation pyrite on the basis of texture and petrographic observations, it is evident that the high gold values occur within fractured pyrites. This does not imply that gold occurs as late fracture-filling within pyrite grains (as it <u>does not</u>), but rather it gives a time-frame for the precipitation of gold in the felsic volcaniclastic rocks. Because the gold grains identified in this study are apparently associated with early silicification and early pyritization, the hand specimen observations (of M. Koziol), that early pyrites tend to have high gold values, is supported by petrographic observations in this study. Metamorphic recrystallization, including pervasive sericite, calc-silicate alteration, and the late silicification and pyritization of the rocks apparently post-dated gold mineralization.

While there is important evidence for pre-metamorphic gold mineralization in the present suite of rocks, it should be emphasized that the re-mobilization and re-concentration of gold during regional metamorphism should not be ruled out. Fracture-filling chalcopyrite in pyrite, for example, may be a suitable host for remobilized gold. Thus, not only rocks containing fractured, first generation pyrite should be considered as suitable exploration targets, but also the chalcopyrite-rich rocks.

Comparing the texture and style of alteration to the rocks of Bousquet mine, Quebec

The suite of 24 rocks in this study were affected by several episodes of hydrothermal/metasomatic alteration and some deformation. The felsic volcanic and volcaniclastic rocks contain polymetallic sulfides, such as pyrite, chalcopyrite sphalerite and pyrrhotite. Pyrrhotite often occurs as small, subrounded inclusions in early pyrite, as single anhedral grains, or they are intergrown with pyrite. At least two pyrite generations were identified; the <u>first generation</u> is represented by fractured grains with pyrrhotite inclusions and chalcopyrite veins filling the fractures or forming rims on grain boundaries, and the <u>second generation</u> consists of sub to euhedral inclusion-free grains. Chalcopyrite generally fills fractures in pyrite, it rims pyrite or minute grains are included in sphalerite (chalcopyrite disease). Sphalerite generally forms anhedral aggregates and are interstitial to pyrite. They also occur in alternating bands with quartz and contain inclusions of pyrite. Some are fractured and fractures are filled by carbonate veinlets.

The major alteration that affected the rocks include silicification (1 or 2 episodes), sericitic alteration (2 episodes), epidote-garnet alteration, chlorite and carbonate alteration. Although the paragenetic sequence and the types of alteration vary between rocks to some degree, for the most part silicification, minor sericitization and early pyritization represents the first episode; pervasive sericite alteration the second episode, chlorite the third, and the garnet-epidote alteration, the last episode. Minor carbonate alteration was more or less contemporaneous with silicification, but some late carbonate veins post-date sericite.

There are significant similarities in alteration type(s) and texture between rocks in the present study and those at Bousquet mine, Quebec. In the latter, argillic alteration and sericitic alteration are very important, as is the abundance of polymetallic sulfides. In addition, the mineralized rocks at Bousquet mine contain quartz with CO_2-rich fluid inclusions. Interestingly, CO_2-rich fluid inclusions were also identified in this study within quartz of the mineralized sample COM9507-155.

One notable difference between the alteration style at Bousquet mine and the rocks in this study is, however, the abundance of andalusite at Bousquet, and its virtual absence in the present suite of 24 rocks. The significance of this (if any), is unclear.

Conclusions

The present study demonstrated a strong positive correlation between gold, pyrrhotite and first generation pyrite. The most important assemblage associated with mineralization appears to be quartz (silicification) and pyrite. Therefore, pyrite and quartz-rich rocks may represent a good exploration target, although sphalerite-chalcopyrite-rich rocks may be also important.

The significance of late sericite, chlorite and calc-silicates with respect to mineralization is less clear at present, as all of the above assemblages appear to have post-dated gold in this study.

Because visible (under microscope) gold was found only in one sample, it would be very useful to examine other polished thin sections from mineralized samples in order to establish a better database for the alteration and rock type(s) most commonly associated with mineralization in the area.

Sample No: COM9506-282.1 **Rock Type: Felsic Metavolcanic**

Thin Section No: C95-6-1

Hand Specimen Description:

Fine-grained siliceous, felsic rock. Euhedral quartz phenocrysts are common throughout. Few small black grains (ca 1-2 mm) having conchoidal fracture are probably garnets (although not found in thin section) and tourmaline. Minor subhedral pyrite grains occur throughout the rock.

Petrographic Description:

Recrystallized felsic volcaniclastic rock. Sub to euhedral quartz phenocrysts of variable size are relatively abundant. The quartz-rich matrix is very fine-grained and the quartz form polygonal aggregates. Pervasive sericitic alteration is evident as sericite veinlets cross-cut the matrix. Small quartz veinlets and pods contain lath-shaped small epidote grains, biotite, carbonate and apatite, suggesting the replacement of a calcic precursor. A small fragmented albite vein and minor rutile, pyrite, pyrrhotite and tourmaline grains occur in the matrix.

Mineral	%	Grain Size(mm)	Description
Quartz	70	0.2-0.7	Euhedral to subhedral, slightly rounded phenocrysts are strained with undulouse extinction. Polygonal quartz in the matrix and in veinlets suggests their metamorphic recrystallization.
Sericite	25		The fine-grained aggregates form veins and are also part of the replacement assemblage after some calcic phenocrysts.
Epidote	1	<0.5	Occur as small laths and fine-grained anhedral aggregates in the matrix. Their variable birefringence suggests variable iron content of the grains.
Biotite	2	<0.5	Anhedral plates or anhedral grains occur in quartz veins and within

			the replacement aggregates (after a more calcic mineral).
Albite	tr	0.5	Small albite veinlet.
Pyrite	1	<0.5	Sub to euhedral grains are dispersed throughout the rock.
Tourmaline	tr	<0.5	Stubby, pleochroic tourmaline laths are mostly confined to the matrix, although some are associated with pyrite.
Apatite	tr	<0.5	Surprisingly abundant, and is most common in the quartz aggregates.

Accessory Mineral: zircon

Sample No: COM9506-300 **Rock Type: Felsic-intermediate volcaniclastic**

Thin Section No: C95-6-2

Hand Specimen Description:

Medium grey felsic to intermediate volcaniclastic rock with "blebby" texture contains minor quartz phenocrysts. Small black grains with conchoidal fracture are garnet and tourmaline.

Petrographic Description:

Extensively recrystallized and pervasively sericitized rock contains sub to anhedral quartz phenocrysts of variable sizes. Small, 3-4 mm size "pods" are common and consist of epidote, biotite, carbonate and minor muscovite. The metamorphic assemblage evidently formed as replacement after some mafic minerals. Apatite is relatively abundant in the matrix.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	60	<0.2-5 mm	Euhedral to anhedral phenocrysts have ragged, uneven grain boundaries and undulose extinction. Granoblastic texture suggests metamorphic recrystallization.
Sericite	20		Occurs in small veinlets and as up to 0.3 mm laths within pods.
Biotite	3	<0.1-0.5	Anhedral grains are mostly part of the "pods", although some are present in the matrix. They post-date sericite.
Epidote	3	<0.2	Commonly occur as replacement of pods. Granular, fine-grained aggregates and lath-shaped grains with high birefringence are epidote, whereas those with anomalous birefringence are, clinozoisite.

Pyrite	1	<0.1-0.5	Anhedral grains occur in matrix and in quartz aggregates.
Carbonate	tr	<0.5	Anhedral plates occur in the matrix and in the pods.
Tourmaline	tr	<0.3	Small aggregates are present in the matrix as well as in the pods.
Apatite	tr	<0.2	Common as aggregates in the matrix.
Rutile	tr	<0.2	Replaces ilmenite and also occurs in matrix.

Accessory minerals: Zircon and pyrrhotite

Sample No: COM9506-316.8 **Rock Type: Felsic-intermediate metavolcanic**

Thin Section No: C95-6-3

Hand Specimen Description:

Massive, siliceous, medium-grey, fine-grained rock. Small quartz veins and pods suggests silicification. Dispersed muscovite suggests K-metasomatism. Minor pyrite is randomly distributed.

Petrographic Description:

Similar to sample C95-6-2. It contains several "pods" consisting of metamorphic assemblages. The minerals are euhedral clinozoisite, randomly oriented muscovite, anhedral biotite plates and very fine-grained, granular epidote. All of which suggests replacement of a mafic mineral. Fine-grained garnet, epidote aggregates and tourmaline also occur in the matrix.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	70	<0.2-6	Most quartz phenocrysts are anhedral, have undulose extinction and uneven grain boundaries. Some phenocrysts have recrystallized to fine-grainded aggregates. Euhedral phenocrysts are rare. Fine-grained matrix quartz is partly ganoblastic.
Epidote	15	<0.3-1.0	Large, euhedral grains of clinozoisite (anomalous birefringence) are most common in the pods, but also occur (together with epidote) in the matrix.
Muscovite	10	0.5	They are most common in the pods, either as small muscovite laths up to 0.5 mm or as fine-grained sericite. Small muscovite needles are also interstitial to quartz matrix.
Biotite	3	<0.2-0.5	Biotite generally occur as anhedral aggregates in pods or in small

			veinlets in the matrix.
Garnet	<1	<0.3	Anhedral aggregates in pods and matrix.
Pyrite	1	<0.2-0.6	Subhedral to anhedral grains are randomly distributed in the matrix, although some occur within quartz veinlets and recrystallized quartz aggregates. Some are intergrown with pyrrhotite.

Accessory minerals: Zircon, tourmaline, apatite, pyrrhotite.

Sample No: COM9506-343 **Rock Type: Volcaniclastic - agglomerate**

Thin Section No: C95-6-4

Hand Specimen Description:

Medium grey, fine-grained rock with alternating, slightly contorted light and medium grey bands. A bright green 2 cm wide band indicates that the rock consists of fragments of different rock types.

Petrographic Description:

The rock consists of alternating bands of quartz and calc-silicates separated by veinlets of sillimanite (?). A coarse-grained gabbro fragment is caught up in this sediment-textured rock. The equigranular gabbro which represents the bright green fragment in the sample is made up of clinopyroxene, plagioclase and hornblende. The primary minerals are partly replaced by fine-grained, green actinolite, chlorite, garnet, epidote and carbonate. Flattened, deformed quartz phenocrysts and zircon in the siliceous bands suggests a felsic volcanic protolith.

Mineral	%	Grain Size(mm)	Description
Quartz	55	<0.5-6	Sub to anhedral, flattened and strained quartz phenocrysts of various sizes occur in the felsic bands. Fine-grained quartz in the matrix alternates with calc-silicate bands.
Epidote	20	<0.2-2	Fine-grained epidote aggregates (mixed with fine-grained garnet and calcite) constitute the calc-silicate bands. Prismatic epidote and clinozoisite also form salvages on the gabbro fragment, whereas granular epidote partly replaces the pyroxenes.
Gabbro	5	4.0-6.0	Clinopyroxene, plagioclase, hornblende and minor interstitial quartz makes up the fragment.
Carbonate	3	<0.5-3	Anhedral carbonates form part of

			the selvages on the gabbro, they occur as replacement after clinopyroxene in the gabbro and as part of the calc-silicate bands.
Garnet	5	<0.5	Anhedral garnets form part of the calc-silicate assemblages and the selvages on the gabbro.
Sericite	5		Partly replace feldspars in the gabbro and occur within the quartz and calc-silicate bands.
Sillimanite	2	<0.3	Sillimanite(?) - biotite veinlets separate the quartz and calc-silicate bands.
Actinolite	2	<0.5	Fine-grained actinolite partly replaces gabbro and forms the innermost part of the selvages on gabbro.
Biotite	2	<0.5	Occurs mostly in association with sillimanite.
Rutile	tr	<0.2	Rutile aggregates replaces ilmenite.
Chlorite	tr		Partly replaces gabbro.

Accessory minerals: Pyrite, zircon

Sample No: COM9506-401 **Rock Type: Intermediate Volcaniclastic**

Thin Section No: C95-6-5

Hand Specimen Description:

Medium grey fine-grained rock laced with pyrite and pyrrhotite stringers. Dark patches in the rock suggests the replacement of mafic minerals. The rock is slightly biotitic.

Petrographic Description:

A completely recrystallized rock, consisting predominantly of fine-grained quartz, biotite and sulfides (pyrite and pyrrhotite). Patches of talc-biotite-actinolite-tourmaline aggregates are probably replacement after mafic phenocrysts. Granoblastic quartz contains inclusions of tourmaline and fine-grained tourmaline veinlets.

Mineral	%	Grain Size(mm)	Description
Quartz	50	<0.3-2	No phenocrysts, only partly recrystallized granoblastic matrix.
Biotite	15	<0.3-0.5	Biotite alteration is pervasive in the matrix and biotite laths occur as replacement in pods after mafic precursors.
Actinolite	10	0.5	Occur as part of the matrix.
Talc	10		Formed at the expense of some mafic minerals in the pods.
Pyrite	15	<0.2-3	Pyrite are mostly anhedral and occur as stringers - some are intergrown with and have inclusions of pyrrhotite.
Pyrrhotite	5	<0.2-3	Occur as subrounded blebs (droplets?) within pyrite and are intergrown with pyrite.
Tourmaline	tr	<0.5	Small tourmaline aggregates occur in pods, within the matrix quartz and some are spatially associated

			with pyrite and pyrrhotite.
Epidote	1	<0.5	Occur within pods.

Accessory minerals: garnet, apatite.

Sample No: COM9507-147 **Rock Type: Felsic volcaniclastic**

Thin Section No: C-95-7-1

Hand Specimen Description:

Fine-grained, dark grey, fractured rock. Fractures are healed by chlorite veins. That chlorite alteration is not pervasive, but localized to fractures and to the slip surfaces of the drill core is evident from the hardness of the rock. Small sub- to euhedral sulfide grains are distributed throughout.

Petrographic Description:

Muscovite-garnet sericite schist. Garnet porphyroblasts have wrap-around sericite veins. Earlier kink-banded sericite and some clay minerals (pyrophyllite?) replaces what appear to be ghosts of andalusite. Small sericite veins define a penetrative fabric in the rock. Garnet porphyroblasts partly recrystallized to fine-grained aggregates at grain boundaries and within fractures. Small veinlets which heal fractures consist of biotite, rutile and chlorite.

Mineral	%	Grain Size(mm)	Description
Quartz	50	<0.3-5	Quartz "phenocrysts" are subrounded, anhedral grains, resembling of sediment texture. They are generally strained with undulose extinction. Some of the matrix and quartz aggregates have granoblastic texture.
Sericite-Clay minerals	35		Two sericite generations are recognized; the first generation appears to be a mixture of clay minerals + sericite after andalusite (?) and the second generation forms anastomosing veins forming wrap-around texture on quartz and garnet.
Biotite	5	<0.5	All biotites have green pleochroism (iron-rich), they occur as scaly masses, forming rims on garnets

			and on some sulfides.
Garnet	2	<0.3-5	Garnets occurs as porphyroblasts with granulated and partly recrystallized grain boundaries.
Chlorite	5		They generally occur in veinlets, partly replacing biotite.
Magnetite	1	0.5	Fine-grained magnetite are abundant in the rock.
Pyrite	<1	<0.5-5	Occurs in quartz aggregates and in the matrix. Some are intergrown with and contain small inclusions of pyrrhotite.

Accessory minerals: zircon, pyrrhotite, tourmaline

Sample No: COM9507-155 **Rock Type: Felsic volcaniclastic**

Thin Section No: C95-7-2A

Hand Specimen Description:

Extensively silicified and sericitized (slightly yellow tint) massive, medium grey rock. Massive pyrite and small anhedral pyrite grains occur throughout. A few small, black garnet porphyroblasts are present in the drill core. This sample is the only one in which single **GOLD** grains have been identified by petrography.

Petrographic Description:

Extensively sericitized felsic volcaniclastic rock. Quartz phenocrysts are fragmented and partly recrystallized to granoblastic aggregates and the matrix quartz has granoblastic texture. Sericite occurs in anastomosing veins and is spatially associated with fine-grained chloritoid, tourmaline and garnet. Some fractured pyrite are cross-cut and rimmed by montmorillonite. Six **GOLD** grains were identified within fractured pyrite. However, gold grains do not occur in the fractures but are at contacts between pyrrhotite inclusions and the host pyrite.

Mineral	%	Grain Size(mm)	Description
Quartz	70	<0.3-6	Granoblastic quartz indicates extensive recrystallization of the rock. Some phenocrysts are fragmented, strained and subrounded. Quartz veins and pods suggest silicification.
Sericite	20		Sericite mostly occurs in anastomosing veins and some muscovite needles replace sericite.
Garnet	1	0.5	Most garnets are porphyroblasts and some form fine-grained aggregates on sulfides and within quartz veins.
Pyrite	5-10	<0.5-3	Most pyrite are anhedral and fractured. Some grains are rimmed by magnetite and ilmenite, whereas others contain small inclusions of

			pyrrhotite or are attached to pyrrhotite.
Chlorite	5		Mostly occurs in veins and within fractured sulfides (i.e. montmorillonite).
Ilmenite	0.5	<0.6	Fine-grained magnetite and ilmenite are abundant throughout the matrix. Some rims pyrite.
Chalcopyrite	tr		Rims pyrite
GOLD	**tr**	**2-3 microns**	**Au occur on the rim of small pyrrhotite inclusions in pyrite; they are located at the contact between the host pyrite and the small pyrrhotite inclusions.**

Accessory minerals: Zircon, chloritoid, arsenopyrite (?), biotite and carbonate (very small veinlets).

Sample No: COM9507-190.8 **Rock Type: Felsic Volcaniclastic**

Thin Section No: C95-7-3

Hand Specimen Description:

Medium grey, siliceous rock contains abundant "quartz eyes" (phenocrysts). Yellowish tint suggests extensive sericitization and the rock contains several black garnet, ilmenite and possibly tourmaline crystals.

Petrographic Description:

Silicified and sericitized rock. Some quartz phenocrysts, part of the matrix and some quartz veins have recrystallized to granoblastic aggregates. Small pods consisting of replacement minerals such as clinozoisite, garnet, muscovite, biotite ± tourmaline possibly replace more mafic minerals. Garnet mostly occurs as relatively coarse-grained porphyroblasts (up to 3 mm). Small, euhedral epidote and tourmaline are dispersed throughout the matrix. Microcrystalline clay minerals (pyrophyllite ?) forms a mat, which appears to be made up of ghosts of andalusite. The andalusite ghosts (cross-section of the prisms) are outlined by slender muscovite needles.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	65	<0.3-3	Quartz phenocrysts are partly recrystallized. Quartz occurs in veins and also in aggregates. They are generally strained and have undulose extinction.
Sericite	30		Sericite alteration is pervasive. Muscovite occurs as slender prisms and needles within pods and also rim ghosts of andalusite.
Pyrophyllite	5		Very fine-grained mat-like aggregate (positive identification is not possible without chemical analysis) appears to replace andalusite.
Epidote	1	0.4	Common constituent of the assemblage which forms replacement after earlier

			phenocrysts in the "pods".
Garnet	1	<0.3-3	Garnets occur as porphyroblasts or as fine-grained aggregates in the "pods".
Biotite	1	<0.6	Iron-rich (green) biotite is part of the replacement assemblage in the pods, but also occurs within the matrix.
Pyrite	3	<0.5-2	Anhedral-euhedral pyrites have inclusions of minor subrounded pyrrhotite, and some are intergrown with minor pyrrhotite.
Ilmenite-Magnetite	<1	<0.5	Anhedral grains occur throughout the matrix and some form rims on pyrite.

Accessory minerals: Tourmaline, carbonate (in quartz veins)

Sample No: COM9507-218.7 **Rock Type: Fragmental**

Thin Section No: C95-7-4

Hand Specimen Description:

Fine-grained, medium grey cherty rock with hummocky texture. Yellow tint suggests pervasive sericitization. Lighter colored "blebs" is indicative of silicification. Euhedral pyrite as well as pyrrhotite make up about 10 % of the thin section.

Petrographic Description:

Anhedral quartz clasts occur in fine-grained matrix, and quartz veins and quartz pods are numerous. Some pods contain numerous pyrite and pyrrhotite grains and the quartz aggregates are boudinaged and have pressure shadows. They are generally outlined by fine-grained epidote, biotite or muscovite.

Mineral	%	Grain Size(mm)	Description
Quartz	50	<0.5-5	Most quartz clasts are anhedral, subrounded and have undulose extinction. Veins and matrix have partly granoblastic texture.
Sericite	35		Sericite alteration is pervasive throughout, most form very fine-grained mats. Slender muscovite prisms and needles are randomly oriented.
Biotite	5	0.3	Mostly occur on boudinaged quartz aggregates and as replacement after some mafic minerals in the "pods". They are generally associated with epidote.
Epidote	1	0.3	Has a wide range in composition (Fe-rich to Fe-poor); they occur in pods and are mostly associated with fine-grained garnets.
Garnet	tr	<0.3-1	Fragmented poikiloblasts and granular aggregates in pods and on

			sulfides.
Pyrite Pyrrhotite Chalcopyrite	10	<0.3-3	Pyrite has small pyrrhotite inclusions and cross-cutting chalcopyrite veinlets.
Magnetite- Ilmenite	tr	0.5	Magnetite-ilmenite generally rims pyrite.

Sample No: COM9507-245.3 **Rock Type: Felsic Fragmental ?**

Thin Section No: C95-7-5

Hand Specimen Description:

Medium grey, fine-grained, massive pyrite-rich rock with light 'blebs' (silicification?)

Petrographic Description:

A sulfide-rich rock, extensively epidotized and carbonatized. Interstitial, anhedral epidote are common and minor garnets rim some sulfides.

Mineral	%	Grain Size(mm)	Description
Quarzt	5	0.5-5	Occur as anhedral aggregates in the matrix. They have uneven grain boundaries and undulose extinction.
Epidote	30	0.5-1.0	Anhedral to euhedral grains are interstitial to the sulfides, crystals of fine-grained aggregates line some vugs filled with carbonate.
Garnet	10	<0.3-0.5	Most are anhedral, replacement aggregates, only a few poikiloblasts are present.
Biotite	1	0.5	Green biotite rims some of the sulfides.
Pyrite	50	<0.5-6	Sub to euhedral grains form interlocking aggregates (massive pyrite).

Accessory minerals: rutile, tourmaline.

Sample No: COM9507-327.7 **Rock Type: Syenite**

Thin Section No: C95-7-5

Hand Specimen Description:

Coarse-grained, pink, equigranular igneous rock consisting of pink K- feldspars, white albite, biotite and hornblende.

Petrographic Description:

The rock is very coarse-grained, some crystals are up to 1 cm. The rock consists predominantly of microcline. Albite (up to 1 cm) is extensively zoned. Interstitial biotite aggregates, allanite, titanite and hornblende are common accessory phases. Minor sericitization and silicification has affected the felsdpars.

Mineral	%	Grain Size(mm)	Description
Microcline	10	<0.5-2 cm	Occur as individual plates and some are interstitial to albite.
Albite	50	<1-10 mm	Most albites are zoned and many have polysynthetic twinning. The center of most zoned grains are sericitized.
Perthite	5	3-6	Perthite has relatively wide exsolution lamellae.
Amphibole	10	0.5-4	Sub to euhedral green-brown amphibole (hornblende) occur in aggregates and some are associated with biotite.
Biotite	5	<1-5	Dark green biotite occurs mostly in aggregates and are generally intersitial to feldspars.
Titanite	1	0.5-1	Euhedral, igneous titanite occur as inclusions within albite or are interstitial.

Epidote	tr	0.3-2	Minor epidote are interstitial between grains and clinozoisites occur within albite.
Quartz	5	<0.5-3	Most grains are polygonized and crystallized from the partial breakdown of albite.
Allanite	1	<0.5-5	Two large, zoned, lath-shaped euhedral allanite are included in albite. When occur in biotite, they form pleochroic halos.

Sample No: COM9508-265 **Rock Type: Fragmental ?**

Thin Section No: C95-8-1

Hand Specimen Description:

Fragmented, schistose, silicified, sericitized rock. Fractures are healed by several generations of randomly oriented quartz veins. Pyrite occurs in a fracture filling veinlet (truncated by a quartz vein) and sub to euhedral grains are dispersed throughout the rock.

Petrographic Description:

Silicified, very fine-grained rock with numerous quartz veinlets. The quartz has granoblastic texture. A 2 cm wide albite-quartz-calcite vein cross-cuts the matrix. The rock appears to consist of two fragments; one fragment is extensively sericitized, the other is epidotized. Some epidote occurs in veinlets commonly associated with the sulfides.

Mineral	%	Grain Size(mm)	Description
Quartz	60	<0.5-3	Phenocrysts are absent and most grains (in veins and in the matrix) have uneven, embayed grain boundaries.
Sericite	6		Sericite alteration (mildly pervasive) is important in one rock fragment.
Garnet	6	<0.5-1	Garnet generally occurs in anhedral aggregates where they are associated (intergrown) with epidote. Although common in one of the rock fragments, trace amount of fine-grained garnet also occurs in the sericitized part of the rock.
Epidote	5	<0.5	Sub to anhedral, epidote occurs in granular aggregates with garnet and as small, euhedral laths.
Pyrite	15	<0.5-3	Euhedral to subhedral grains form aggregates and also occur in the

			quartz veinlets.
Sphalerite	5		Anhedral sphalerite occurs in aggregates, rimming and including pyrite. Some have polysynthetic twinning. Grungy brown, anhedral grains are difficult to identify.
Albite	1	0.5-1	Occurs only in vein.
Carbonate	<1		Occurs only with albite
Chlorite	<1		Interstitial to some sulfides.

Accessory Minerals: apatite, rutile

Sample No: COM9508-280 **Rock Type: Felsic Metavolcanic?**

Thin Section No: C95-8-2

Hand Specimen Description:

Extensively sericitized, medium-light grey schistose rock. It contains some quartz phenocrysts. Small pyrite grains are dispersed throughout. Texture and mineralogy of the rock is masked by iron oxide staining.

Petrographic Description:

Recrystallized felsic volcanic rock with numerous quartz veinlets. The rock is extensively sericitized. Sericite occurs in anastomosing veins and show evidence of kink-banding. A few relict, euhedral quartz phenocrysts are preserved.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	40	0.3-3	Most quartz have ragged, uneven and/or embayed grain boundaries.
Sericite	60		Sericite alteration is pervasive. Anastomosing sericite veins define a penetrative fabric.
Pyrite	1	0.5	Sub to anhedral grains are dispersed throughout. and are rimmed by garnets.
Garnet	tr.	<0.5	Anhedral garnets occur as aggregates on pyrite and within some quartz veins.
Tourmaline	tr	<0.5	Fine-grained tourmaline occurs in the sericite veinlets.

Accessory Minerals: zircon, rutile, pyrrhotite.

Sample No: COM9508-309.6 **Rock Type: Albitite?**

Thin Section No: C95-8-3

Hand Specimen Description:

Fine-grained, light grey rock with evenly spaced 1 mm wide veins. Iron-oxide staining superimposed on the rock makes identification of the vein material impossible, although the clayey texture of the veins suggests sericite. Minor pyrite grains are present.

Petrographic Description:

Equigranular albite-rich rock. The rock shows evidence of granulation and partial recrystallization. Even-spaced sericite veins (a tectonic feature?) resulted in the "zebra" texture of the rock. Albite grains are partly recrystallized to quartz and are partly sericitized.

Mineral	**%**	**Grain Size(mm)**	**Description**
Albite	75	2-3	Sub to euhedral stubby grains are relatively equigranular. Some are fragmented and some are partly recrystallized to quartz aggregates.
Quartz	15	<0.5-1	Most quartz are anhedral, have undulose extinction and appear to have formed from the partial breakdown of albite.
Carbonate	<1	<0.5-1	Anhedral carbonates are interstitial to some quartz.
Pyrite	tr	<1	Anhedral, subhedral pyrite are generally interstitial to quartz.
Magnetite	tr	<0.5	Anhedral magnetite-ilmenite occur as fine-grained aggregates.

Sample No: COM9508-320.4 **Rock Type: Felsic Metavolcanic**

Thin Section No: C95-8-4

Hand Specimen Description:

Pyrite-rich, silicified, light-grey rock. Sub to euhedral pyrite occurs in bands, alternating with quartz-rich bands, as well as in large pods.

Petrographic Description:

Silicified and extensively recrystallized felsic volcanic rock. Recrystallized quartz phenocrysts and ghosts of sericitized albite suggests a quartz-albite porphyry as precursor. Fine-grained muscovite (randomly oriented) occur in bands within the fine-grained matrix. Sub to euhedral pyrite are randomly distributed in the matrix, some are rimmed by quartz aggregates.

Mineral	%	Grain Size(mm)	Description
Quartz	70	<0.2-5	Relict phenocrysts are preserved, but most phenocrysts are recrystallized to granoblastic aggregates. Quartz occurs in veinlets, pods and as rim on sulfides.
Muscovite	10	0.3-1	Fine-grained muscovite occurs in bands, imparting some schistosity to the rock. Coarser than sericite (which partly replaces the albites) muscovite generally forms rim on recrystallized quartz and on the sulfdies.
Albite	?	1-3	The "ghosts" of several altered and recrystallized albite phenocrysts (up to 3 mm) were identified. However, it is difficult to assess the original percentage of albite due to their extensive recrystallization.
Pyrite	20	0.5-7	Dispersed throughout the matrix. Quartz aggregates on some pyrite

			rims suggests that they predated silicification.
Apatite	<1	0.1-0.5	Fine-grained apatite aggregates commonly occur in the vicinity of pyrite. The relatively high proportion of apatite in the rock is not consistent with a felsic precursor - only if apatite was later added to the rock.
Garnet	tr	<0.3	One subrounded pod (3 mm diameter) is replaced by fine-grained garnet aggregates.
Rutile	tr	<0.3	Fine-grained aggregates occur in the matrix and probably crystallized from the breakdown of ilmenite.

Accessory Minerals: zircon, tourmaline, carbonate.

Sample No: COM9509-299 **Rock Type: Fragmental?**

Thin Section No: C95-9-1

Hand Specimen Description:

Fine-grained, pyrite-rich, medium grey rock. It consist of alternating light and dark bands. Th light bands contain quartz and pyrite. Some of the quartz-pyrite bands are boudinaged and deformed. One pink vein (iron-stained quartz-carbonate?) cross-cuts the rock (it is not included in the thin section).

Petrographic Description:

Sulfide-rich fragmental (?) with extensive muscovite-sericite and garnet alteration. 3-4 mm size pods and are partly replaced by fine-grained garnet. Small chlorite veinlets cross-cut the rock. Pyrite is the predominant sulfide. Pyrite is rimmed by quartz, as well as muscovite, suggesting the presence of the euhedral pyrite grains prior to the recrystallization of the rock. Extensive fracturing of pyrite is in support of a pre-metamorphic origin. Some pyrites have inclusions of pyrrhotite.

Mineral	%	Grain Size(mm)	Description
Quartz	40	<0.2-2	Anhedral, recrystallized grains occur mostly in veins and in recrystallized pods in the matrix. They have embayed grain boundaries.
Sericite	25	up to 0.5	Sericite-muscovite occurs in veinlets, forms bands and boudinages quartz and pyrite.
Pyrite	25	0.5-5	Occur as sub to euhedral aggregates and single grains - many have quartz or muscovite rims. Some pyrite form fine-grained aggregates.
Garnet	5	minute	Garnet aggregates occur mostly in pods with epidote. They are partly replaced by chlorite.

Epidote	2	<0.5	Fine-grained aggregates occur with garnet and within the matrix.
Biotite	tr	0.5	Biotite occurs in small (1 mm diameter) aggregates.
Chlorite	1		Partly replaces garnet-epidote aggregates and form small veinlets which cross-cut the rock fabric.

Accessory Minerals: rutile, apatite, carbonate.

Sample No: COM9510-234 **Rock Type: Felsic Fragmental**

Thin Section No: C95-10-1

Hand Specimen Description:

Fine-grained medium grey-green, siliceous fragmental, consisting of contorted, dark grey "blebby" fragments of probably more mafic composition. Minor, small pyrite grains are dispersed throughout.

Petrographic Description:

Featureless rock consists of fragments of different protoliths. The "felsic fragment is a very fine-grained felsic rock with extensive sericitic alteration. The other fragment contains numerous "pods" of garnet and epidote, suggesting a more mafic (intermediate?) precursor. Although the garnet + epidote aggregates are only abundant in the more mafic fragment, that some minor fine-grained epidote and garnet occurs in the sericitized fragment suggests that calc-silicate alteration post-dated fragmentation and 'sediment' transport.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	65	<0.2-0.5	Granoblastic texture and lacking in phenocrysts. Some are partly replaced by carbonate.
Sericite	25		Pervasive sericite alteration of the felsic fragment, and only minor alteration in the more mafic rock.
Garnet	5	<0.2-0.5	Most garnets occur as aggregates with epidote, although minor single grains are also present. They are abundant in the more mafic fragment, but minor grains also occur in the felsic rock.
Epidote	3	<0.5	Same as garnet.
Pyrite	1	0.5	Dispersed throughout the matrix.
Carbonate	1	0.5	Interstitial to matrix and partly replaces quartz.

Accessory Minerals: pyrrhotite (inclusion in pyrite), apatite, rutile

Sample No: COM9510-243 **Rock Type: Felsic Metavolcanic?**

Thin Section No: C95-10-2

Hand Specimen Description:

Fine-grained, light-medium grey rock. The light yellow-green tint suggests extensive sericitic alteration and the small quartz aggregates, silicification. Dark areas with small specs of pink carbonate occur as deformed bands and pods. Minor quartz veins cross-cut these pods and are offset. Pyrite occurs in some veinlets (fracture-filling?) and also dispersed throughout the rock. The presence of 2 minor reddish-brown bands suggests fine-grained sphalerite.

Petrographic Description:

Very fine-grained phenocryst-free, pervasively altered massive rock. The rock has been overprinted by several types of alteration including silicification, carbonate alteration, sericitic and calc-silicate alteration. Quartz and carbonate represents the earliest episode (veins) where the veins selvages are rimmed by sericite, and carbonate is rimmed and partly replaced by garnet+epidote. Garnets are also dispersed in the matrix. Minor sphalerite in the quartz veins is intergrown with pyrite.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	60	<0.2-1	Occur in veins (silicification), pods and matrix. Very fine-grained in the matrix and partially recrystallized to granoblastic aggregates. In veins they are overgrown by carbonate and in some pods, occur with albite aggregates.
Carbonate	5	<0.5-3	Anhedral aggregates are present in the matrix and they partly replace and/or rim quartz in veins.
Sericite	25		The matrix is pervasively sericitized, quartz-carbonate veins are rimmed by sericite, and sericite veinlets define the rock fabric.
Epidote	6	<0.2-0.5	Occur as anhedral aggregates

			(mostly with garnet) in the matrix and in the quartz veins.
Garnet	5	<0.2-0.5	As epidote.
Pyrite	2	0.2-0.5	Euhedral-anhedral pyrite are randomly distributed. Some within quartz veins are intergrown with sphalerite.
Albite	tr	0.5	Only present in small quartz veinlets or aggregates.
Sphalerite	tr	<0.3-2	Anhedral sphalerite occurs between pyrite grains or overgrows pyrite in quartz veins.

Sample No: COM9510-254.8 **Rock Type: Felsic Cataclasite?**

Thin Section No: C95-10-3

Hand Specimen Description:

Medium-grey, strongly fragmented rock. The fractures are healed by black graphite and chlorite. Blebby, white "fragments" suggests that silicification of the rock predated fragmentation.

Petrographic Description:

Silicified, fragmental with numerous graphite veinlets. Individual fragments have been sericitized and sericitization is truncated by (a) quartz veins or (b) graphite.
Although the fragments appear to be mineralogically (and geochemically) similar, rotated sericitized fragments, some of which are boudinaged by chlorite+graphite implies fragmentation, and the healing of these fragments post-dated at least some of the alteration. Carbonate in matrix and quartz veins are often rimmed by garnet-epidote aggregates. The similarity of individual rock fragments to sample COM9510-243 suggests that they had similar protoliths but that the present sample was probably fragmented in a fault zone.

Mineral	%	Grain Size(mm)	Description
Quartz	60	<0.2-4	Very fine-grained in the matrix and medium to coarse-grained in veins. Individual grains are extensively strained, have undulose extinction and ragged-embayed grain boundaries - all of which implies disequilibrium crystallization. At least two vein generations exists with perpendicular orientation to one another. The later veins cross-cut graphite veinlets.
Sericite	10		Fragments are partly sericitized. Because the fragments have been rotated, vein orientations are variable. Sericite veins are commonly truncated by quartz veins or chlorite-graphite veins.
Graphite	10		Contorted and heals some fractures (with chlorite) between fragments.

Chlorite	15		Fine-grained, intergrown with graphite.
Carbonate	3	up to 4	Anhedral carbonate occurs mostly in quartz veins and in aggregates.
Garnet	1	<0.3	Mostly forms rims on quartz and carbonate veins and aggregates.
Epidote	tr	<0.3	As garnets.
Pyrite	1	<0.5	Anhedral, fine-grained.

Accessory Minerals: sphalerite, apatite, zircon, pyrrhotite

Sample No: COM9510-259.5 **Rock Type: Felsic Metavolcanic**

Thin Section No: C95-10-4A & B

Hand Specimen Description:

Pyrite-chalcopyrite-rich, medium-grained rock. It contains large (up to 0.5 cm) sub to euhedral pyrite grains and veinlets (stringers?) of chalcopyrite. Small, boudinaged white pods suggest early silicification and the vitreous light yellow-green tint of some areas, sericitization.

Petrographic Description:

Mineralized rock, it contains significant proportions of pyrite and chalcopyrite (trace pyrrhotite). The host to the ore is a very fine-grained felsic metavolcanic rock extensively silicified and sericitized. Recrystallization gave rise to granoblastic texture. Garnet occurs as rims on some sulfides, indicating that it post-dated the sulfides. Sericite alteration also post-dated the sulfides, as some sericite veins terminate against pyrite, whereas others rim pyrite.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	55	<0.2-5	Anhedral, fine-grained quartz partly forms granoblastic aggregates in the matrix. The veins consist of anhedral, strained quartz with undulose extinction and uneven grain boundaries. Some coarse-grained aggregates are rimmed by pyrite.
Sericite	10		Sericite alteration is pervasive and deformed sericite veins terminate against quartz veins and pods. It also rims some pyrite grains. Textural relationships suggest that more than one episode of deformation is recorded by sericite. At least one generation is associated with minor graphite in the center of the veins.
Pyrite	25	<0.5-3	Euhedral to subhedral massive pyrites form large aggregates.

			Extensively fractured, and the microfractures are filled with chalcopyrite veins.
Chalcopyrite	5	veins-rims	Anhedral chalcopyrite occurs as veins and rims within fractures and grain boundaries of pyrite.
Pyrrhotite	tr	<0.5	Most are subrounded inclusions within pyrite - occasionally single, anhedral grains.
Sphalerite	5		Sphalerite occurs in small masses between pyrite grains. Minor chalcopyrite inclusions are common ("chalcopyrite decease").
Garnet	tr	<0.5	Fine-grained aggregates most commonly rim pyrite.
Albite	tr	<0.5	Some twinned albite occur in quartz veins and aggregates.

Accessory Minerals: apatite, zircon

Sample No: COM9510-277.7 **Rock Type: Felsic Metavolcanic?**

Thin Section No: C95-10-5

Hand Specimen Description:

Slightly foliated, silicified, fine-grained, light grey rock. It contains numerous bronzy-brown fine-grained sphalerite bands which alternate with siliceous (quartz) bands. The bands are slightly contorted and deformed - suggesting syndepositional deformation. Pyrite occurs throughout the rock. Cherty, light yellowish green tint suggests pervasive sericitization.

Petrographic Description:

Extensively recrystallized, silicified rock; similar to sample COM9510-259.9, but with carbonate alteration in the quartz veins and quartz aggregates. Sericite alteration is pervasive and it predates the sulfides. Sphalerite parallels the quartz veins and forms rims on quartz - suggesting its crystallization after silicification. Pyrite inclusions are common in sphalerite and both are cross-cut by late carbonate veinlets. Quartz veins, sphalerite and second generation sericite define the rock fabric.

Mineral	%	Grain Size(mm)	Description
Quartz	50	<0.2-5	Anhedral grains with ragged, embayed grain boundaries predominate in the veins and coarse-grained aggregates. Earlier quartz has minor granoblastic texture.
Sericite	20		Anastomosing veins define the rock fabric, but relict sericite veins are deformed and are truncated by new veins.
Carbonate	1	<0.5-1	Two generations; the first occurs in quartz veins and the second cross-cuts sphalerite, pyrite and the present rock fabric.
Garnet	tr	<0.3	Minor aggregates in quartz veins.
Sphalerite	15		Anhedral sphalerite partly replace quartz veins, form bands parallel to

			the veins and have inclusions of pyrite.
Pyrite	5	<0.5-3	Sub to anhedral, some are deformed and occur as small stringers or inclusions in pyrite.

Accessory Minerals: zircon, apatite

Sample No: COM9510-313.5 **Rock Type: ?**

Thin Section No: C95-10-6

Hand Specimen Description:

Extensively silicified, fragmented, light-medium grey rock. Small, subrounded pinkish grains with very high relief suggests extensive garnetization. Numerous quartz veins which seem to heal fractures demonstrate the fragmental nature of the rock. Coarse-grained carbonate coating on one end of the drill core suggests a fracture-filling carbonate vein. Pyrite is disseminated throughout.

Petrographic Description:

Silicified, sericitized, garnetized and epidotized fine-grained rock. Early quartz veinlets are cross-cut by garnet-epidote aggregates and sericitized quartz aggregates are flanked by garnets. Late quartz vein (anhedral, ragged grains) cross-cuts the rock fabric and contains minor carbonate grains. Garnet-epidote and sericite veinlets define the rock fabric.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	65	<0.2-5	The matrix consists of fine-grained quartz, but grain sizes are relatively large in the veins and aggregates. Grain boundaries are generally uneven, embayed.
Sericite	15		Minor kink bands occur in some veins which define the rock fabric, but some sericite is randomly oriented in the matrix.
Garnet	10	<0.5	Discontinuous garnet bands are common in the matrix and they also cross-cut some quartz veins. They are generally associated with fine-grained epidote.
Epidote	3	<0.5	Same as garnets.
Pyrite	5	<1	Euhedral-anhedral grains occur within matrix or in the quartz veins.

Accessory Minerals: rutile, sphalerite, carbonate, apatite.

Sample No: COM9511-103.6 **Rock Type: Cataclasite or metasediment?**

Thin Section No: C95-11-1

Hand Specimen Description:

Fine-grained, schistose rock with anhedral flesh-colored aggregates. Several small carbonate and quartz veinlets are present and relatively wide (up to 1 cm), contorted chlorite veins cross-cut the rock fabric.

Petrographic Description:

Deformed, fragmented, recrystallized fine-grained rock. Microstructures such as folding and faulting are evident from displaced and deformed veins. Silicified and pervasively carbonatized. The carbonate altered fabric (and veins) are cross-cut by sericite and some carbonate veins have sericite selvages. Quartz-carbonate veins rimmed by sericite terminate against fine-grained rutile-pyrite veinlets. Contorted chlorite veins post-date sericite as some sericite are caught up in the chlorite. Fine-grained garnet and epidote aggregates occur in the matrix.

Mineral	**%**	**Grain Size(mm)**	**Description**
Quartz	35	<0.2-5	Anhedral quartz occur in aggregates, veins and in the matrix. They generally have uneven, embayed grain boundaries, suggesting disequilibrium.
Carbonate	25	0.5-5	Carbonate aggregates and veins are commonly anhedral and represent an earlier alteration than sericite-chlorite.
Sericite	25		Anastomosing veins partly define the rock fabric - although it terminates at rutile-pyrite veins.
Chlorite	10		Although a late alteration, it pre-dates the last episode of deformation. Contorted veins are also displaced.
Epidote	2	<0.5	As garnets.

Accessory minerals: rutile, pyrite, pyrrhotite, hematite, chloritoid, apatite and tourmaline.

Sample No: COM9511-173 **Rock Type: Agglomerate?**

Thin Section No: C95-11-2

Hand Specimen Description:

Very fine-grained, mildly schistose medium-dark grey-brown rock. Some vugs are filled by quartz aggregates. Several fracture-filling chlorite, carbonate and quartz veinlets are present. The matrix is carbonatized.

Petrographic Description:

Featureless, very fine-grained, sericitized rock. Small quartz veinlets have granoblastic texture, they are overprinted by carbonate and the rock is fragmented by carbonate veins. Thin, contorted chlorite veinlets rim the carbonates. Sericitization of the matrix is pervasive, but sericite veins are absent.

Mineral	**%**	**Grain Size(mm)**	**Description**
Carbonate	50	<0.5-5	Partly replaces the matrix and cross-cuts, fragments the rock.
Quartz	25	<0.5	Very fine-grained quartz makes up the matrix and has granoblastic texture in small veinlets.
Sericite	25		Pervasive.
Chlorite	tr		Small veinlets rim quartz-carbonate veins.

Accessory Minerals: pyrrhotite, apatite, rutile