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CAMECO CORPORATION

REPORT ON THE 1996 FIELD EXPLORATION PROGRAM

POWELL PROJECT

POWELL, BANNOCKBURN, BADEN AND ARGYLE TOWNSHIPS

ONTARIO, NTS 41P/15 and 42A/02

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SUMMARY AND RECOMMENDATIONS

The Powell Project is located at the junction of the Powell, Bannockburn, Baden and Argyle Townships, northeastern Ontario, approximately 15 km west of the village of Matachewan and 75 km west of Kirkland Lake. The project consists of 126 claims (238 claim units). One hundred and seven of these are under option from Messrs. Leahy and Kiernicki, both from Kirkland Lake. The remaining 19 claims were staked by Cameco in December, 1994, April, 1995, and July 1996.

The 1996 exploration program included: (1) 45.8km of line cutting and chaining, (2) 15.3km induced polarization and 6.7km of ground magnetic surveys, (3) geological mapping, prospecting, and sampling, (4) Till sampling, and (5)trenching and channel sampling.

The geophysical sueveys (Induced Polarization and Magnetometerwer) were carried out on the 1996 main grid.

The geological mapping was done on the 1996 main grid, on the E-Block, and on claims 1198131 and 1198132, which are located to the south-east corner of the property. The main grid is underlain by the edge of a syenite pluton, an oxide iron formation, highly strained basalt and sediments, unaltered basalt, and andesite porphyry fragmental (Calc-Alkalic Suite). The geology of the E-Block includes basalt and sediments with a 400m contact zone characterized by interbedding of basalt and sediments. Greywacke was mapped on the Southeastern corner of the property on claims 1198131 and 1198132. The pyrite mineralization occurs on all mapped areas; however, it contains only minor gold.

Seven trenches were excavated on the main grid and in the Argyle Township. The trenches from the main grid returned only weak gold anomalies. Trench 8 in Argyle Township returned gold values up to 6.1g Au/t in grab and 2.8g Au/t/1m in channel samples from a pyrite mineralized east-west shear zone. The structure can be followed for more than 4km. A sample collected at

4km east from the Argyle Trench returned 390ppb Au and 25ppm Ag from a narrow (15-20cm) quartz-sericite-carbonate schist.

From this year's results, magnetometer coverage in the E-Block is recommended whereas no further work is recommended in the southeastern corner of the property (claims 1198131 and 1198132). Line cutting and geophysics are recommended to try to follow the strike extension of the gold-bearing pyrite mineralized structure zone found in trench 8. Diamond drilling is also recommended to test the gold bearing structure found in trench 8, to test the gold mineralized shear zone in the syenite (south-west corner of the property), and to test a few geophysical anomalies on the 1996 main grid.

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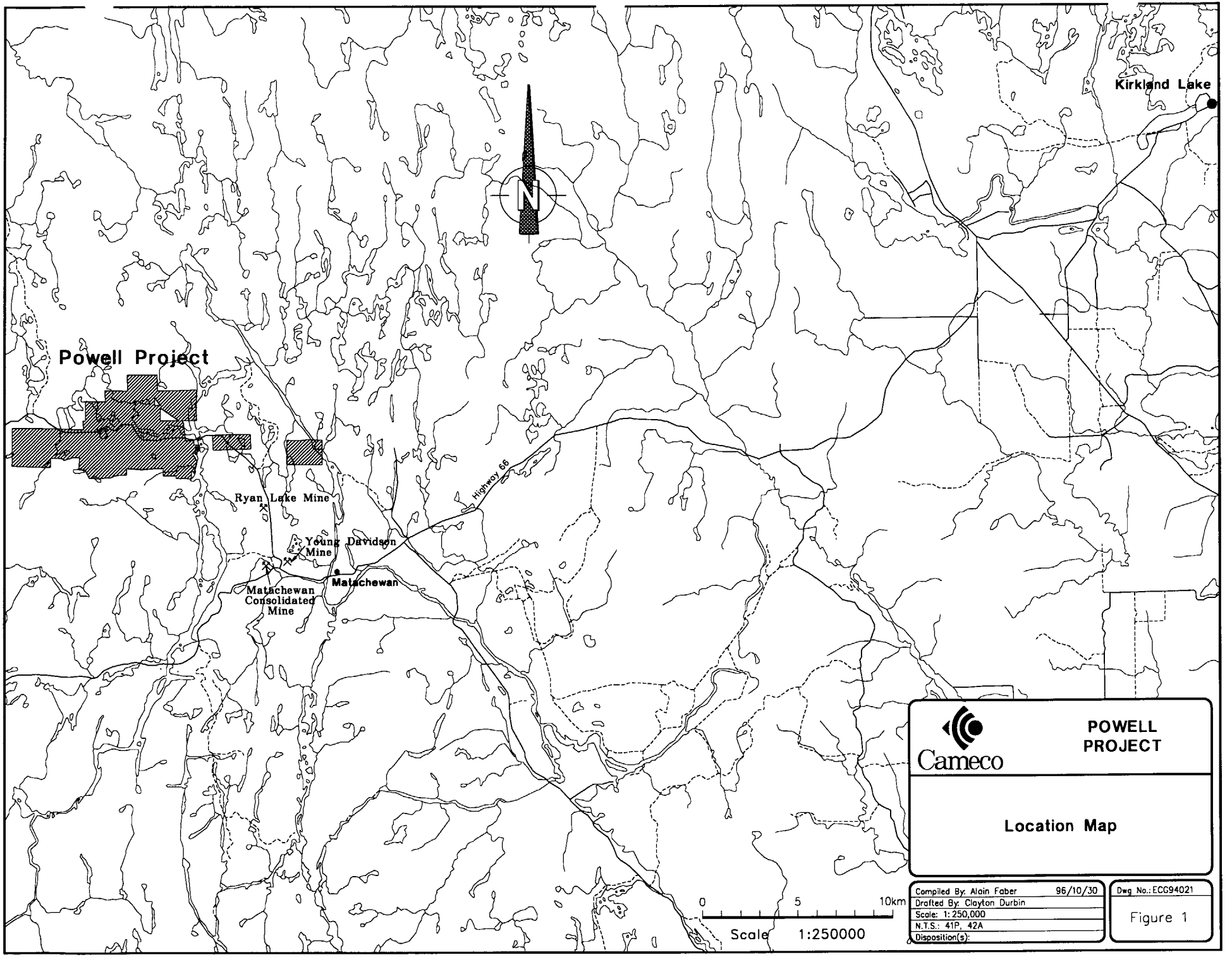
1.0 INTRODUCTION

The Powell property is a gold exploration project with a geological setting similar to that at the Kerr-Addison Mine in Larder Lake and the Lightning Zone near Matheson. The Kerr-Addison Mine produced 35.3 million tonnes at a grade of 9.1 g/t Au between 1938 and 1991 (Smith et al., 1993). The Lightning Zone hosts mineable reserves of 5.8 million tonnes at a grade of 6.75 g/t Au and is currently producing 1250 tonnes of ore per day. (Northern Miner, October 7, 1996).

This report describes the 1996 field exploration program which was carried out by Cameco Corporation between May 26 and August 29, 1996.

1.1 Property Location, Access and Infrastructure

The project is located at the junction of the Powell, Bannockburn, Argyle and Baden townships, within the Kirkland Lake Mining Division, on the Matachewan map sheet 41 P/15 and the Radisson Lake map sheet NTS 42-A/2. The approximate coordinates for the centre of the property are Longitude 80° 47" west and Latitude 48° 01" north. The property is about 15 kilometres northwest of Matachewan, Ontario, and about 75 kilometres west of Kirkland Lake (see Fig. 1). Provincial highway 566 (an all weather gravel road) bisects the property. New logging roads service much of the of the project.


Kirkland Lake
N
Powell Project
Highway 66
Ryan Lake Mine
Young Davidson Mine
Matachewan
Matachewan Consolidated Mine
0
5
10km
Scale 1:250000
Cameco
POWELL PROJECT
Location Map
Compiled By: Alain Faber 96/10/30
Drafted By: Clayton Durbin
Scale: 1:250,000
N.T.S.: 41P, 42A
Disposition(s):
Dwg No.: ECG94021
Figure 1

Argyle Twp.

Baden Twp.

Bannockburn Twp.

Powell Twp.

Ashley Lake

Powell Lake

Mistinikon Lake

Montreal River

Highway 566

1205664
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1198140
1205666
not Cameco
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1205687
1205689
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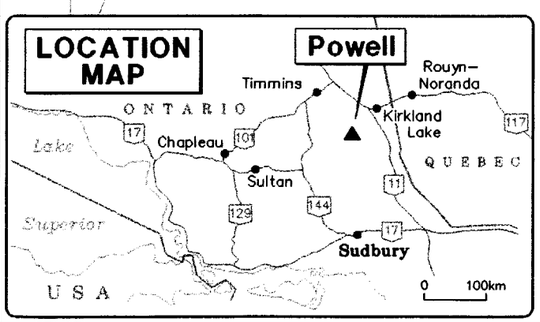

0 500 1000 1500 2000 2500 3000 3500 4000m

Scale 1:40000

Cameco

POWELL PROJECT

Claim Map

Compiled By: Alain Faber	96/10/30
Drafted By: Clayton Durbin	
Scale: 1:40,000	
N.T.S.:	Datum: Nad 27
Disposition(s):	

Dwg No.: ECG96002

Figure 2

Royal Oak is presently planning the dewatering of the shaft and the open pit of two past producers, Matachewan Consolidated and Young Davidson, and are aiming to re-open the mine sites as one large project in July 1998. Electrical power can be obtained from high voltage transmission lines near the town of Matachewan. Skilled labour and mining equipment are easily obtainable from Kirkland Lake.

1.2 Claim Ownership and Land Status

The Powell project consists of 126 unpatented mining claims (238 claim units). Messrs. Fred Kiernicki and Mike Leahy jointly own 107 claims that make up a portion of the Powell Project. Cameco has the option to earn 100% interest in these. The 19 remaining claims were staked by Cameco in December, 1994, April, 1995, and July, 1996. The claims on which exploration work was completed are listed in Table 1.

Table 1. List of Claims on which Exploration Work was completed.

1048622	1048639	1048708	1198136
1048623	1048694	1048712	1198139
1048624	1048697	1048713	1198140
1048625	1048698	1048717	1198142
1048626	1048702	1048718	1205665
1048627	1048703	1198131	1205666
1048638	1048707	1198132	1205667

1.3 Previous Work

The area was mapped by Lovell in 1964 for the Government of Ontario. He produced a map of

the Powell, Baden, Cairo, and Alma townships on a scale of 1:31,680. Powell (1991) published a report describing intensity, orientation and nature of structural fabrics within the Powell and Bannockburn townships. Larry Jensen (1996) of the Ontario Geological Survey published preliminary maps of Powell, Bannockburn, and Montrose townships. He interprets the Cadillac-Larder-Lake Break passing through Cameco's Powell property.

Previous exploration work on the property included prospecting, geological mapping, overburden stripping, and various ground geophysical surveys (VLF, magnetometer, HLEM, and IP). These programs were carried out by various companies between 1972 and 1992. In 1988, Newmont Exploration reported assay values up to 22.6 g/t in bedrock samples from the Main Showing (L6E on the current grid).

Diamond drilling was completed by Nautilus Explorations Limited in 1972 (4 holes, 322m); Carlton Explorations Limited in 1973 (5 holes, 349 metres); and Newmont Exploration of Canada Limited, in 1989 (7 holes, 1631 m). Anomalous gold values (up to 324 ppb over 7.5 metres) were obtained from Newmont's drill holes beneath the Main Showing.

Since 1990, the property has been explored with OPAP grants that mainly focused on stripping in areas of known showings (Leahy, 1992) and little work has been done on the rest of the claims. However, in 1992 Fred Kiernicki, under OPAP grant 92-325, stripped, mapped and trenched the sheared ultramafic sequence in the southeast corner of the property (Kiernicki, 1992).

Cameco started work on the project in the fall of 1994. The work done so far on the property includes; geological mapping, geophysics (Ground magnetic and IP surveys), prospecting and till sampling on 90% of the property. Trenching (10 trenches) was also done in several areas of interest on the property. In fall 1995, Cameco drilled 7 holes for a total of 1407.6m (Koziol, 1996). Anomalous gold values were rare (3 samples >100ppb Au) and the best value (hole POW9503) returned 1242ppb Au/1m in pyrite mineralized greywacke located to the south of the

ultramafic rocks.

1.4 Topography and Vegetation

The topography on the property consists of rolling hills, sand plains, muskeg covered wetland, and cliff-rock exposures. Vegetation includes poplar, birch, pine and spruce trees in the highlands and small cedar and alder in lowland areas. Hills are covered by a veneer of sand, gravel and till. Till is absent or deeply buried in the low lying areas. The property lies within the Hudson Bay watershed, and the Montreal River flows through the property.

1.5 Purpose of Program

The purpose of this program was to evaluate the potential for economic gold mineralization on portions of the Powell property.

1.6 Work Completed by Cameco in 1996

Work completed by Cameco in 1996 is summarized in Table 2. Approximately 30% of the project area was mapped in 1996. The work was done in several portions of the property (see table 1 for list of claims). Exploration work also involved line cutting, geophysics, prospecting, till sampling and trenching.

Table 2. Summary of Work completed in 1996

Number of Claims (unit)	Line cutting (km)	Map and Prospect (km)	Samples collected (unit)		Geophysics (km)		Trenching (Number of Trenches)
			Grab, Whole Rock, channel	Till	MAG Survey (km)	IP Survey (km)	
27	45.8	54.8	324	6	6.7	15.3	7

2.0 GEOLOGY

2.1 Regional Geology

The Powell Project is located within the western part of the Abitibi Greenstone Belt, and is underlain by Archean aged intermediate, mafic and ultramafic volcanic rocks and meta-sediments. The property lies within a regional structural corridor. This structural corridor, which extends some 20 kilometres southwest towards the Shining Tree area and past Kirkland Lake to the east, is mapped as an extension of the Kirkland Lake Break (Powell, 1991, and Jensen, 1996). Rock units within the corridor have been subjected to variable degrees of carbonatization, sericitization, talc alteration, albitization, chloritization and silicification. This corridor is host to a number of gold occurrences as well as former and present gold producers (e.g., Kerr-Addison, Macassa).

2.2 Property Geology (Main Grid)

The geology mapped on the main grid includes (from South to North) a syenite pluton, an oxide iron formation, a sequence of highly strained basalt/sediments, and a relatively undeformed basalt unit. Outcrops of the Cobalt formation were also mapped in the south-west corner of the mapped area. An andesite porphyry fragmental (Calc-alkalic suite) occurs to the north of the mafic volcanic rocks (see Map 1).

2.2.1 Conglomerate (Cobalt Formation)

Several outcrops of conglomerate, found around L21W/14+00S, show the Cobalt cover extending to the southern part of the property. The conglomerate is fragment-supported with various size fragments of syenite and volcanic rocks. The syenite fragments are biotitic and unaltered where

as the volcanic fragments appear andesitic in composition. The conglomerate contains 10-15% fine grained, medium green matrix.

2.2.2 Syenite

The southern part of the mapped area is characterized by a mafic syenite. The syenite is medium grained and is composed of 60% K-feldspar and 40% chlorite with minor biotite. The chlorite component of the syenite is from hydrothermal activities and it occurs along planes of shearing (slicken planes). The syenite is cut but 1% quartz veins up to 1cm. Minor hematite alteration and pyrite mineralization are associated with the veins. Locally, 1-2% pyrite is found in the syenite within two centimeter of the quartz veins.

An occurrence of 3-5% pyrite was found in the syenite at 17+50W/12+60S where the syenite contains 40% chlorite in flake-like textures. The chlorite is creating a fabric, parallel to the major deformation zone describe below. No structural measurement are available.

A carbonate zone was mapped at 19+15W/12+40S. The syenite is moderately to highly carbonatized with a five millimetre to ten millimetre weathered carbonate rind. The syenite contains 10% quartz veinlets and 15% chlorite along slip planes. Up to 1% pyrite is associated with this alteration zone.

2.2.3 Banded Oxide Iron Formation

A banded oxide iron formation was mapped at 20+30W/11+70S and 18+10W/11+20S (see Map 1). Trench 5 was excavated over one of the iron formation occurrences(see Appendix D, Trench 5). A chlorite schist occurs at the contact between the syenite and the banded oxide iron formation. The iron formation is about 15m thick and zoned. The southern section of the unit consists of 90% cherty silica beds, the northern section is made up of 70% magnetite beds. A

3m transitional zone in the middle on the unit contains 50% chert and 50% magnetite beds. The cherty beds (1-5cm thick) are microcrystalline and milky and contain minor K-feldspar and hematite at their contacts. The magnetite beds are one to ten millimetres thick and contain minor red-hematite and chlorite beds. The mafic component of the iron formation shows mylonitic textures which suggest local high strained zone. The iron-formation contains trace amounts of disseminated sulphides.

2.2.4 Highly Strained Basalt

The highly strained basalt, located between L15W and L22W from 9+00S and 11+00S (see Map 1), is fine grained and dark green in colour. The weathered surfaces show mylonitic textures, whereas the fresh surfaces do not. The fresh surfaces only show epidote alteration in one to three millimetre bands following the shearing fabric. The epidote content reaches 20% in places, but is 10% on average. The Pyrite content is <1%, but locally, up to 5% is present as 2mm bands of fine grained pyrite with minor pyrrhotite.

This unit hosts the Galer Showing. Trench 7 was excavated in this lithological unit and uncovered fine grained magnetic sediments (see Appendix D, Trench 7). It is believed that the highly strained basalt unit is made of interbedding of mafic volcanic flows and tuffs and fine grained sediments.

2.2.5 Unaltered Basalt

A sequence of weakly strain, unaltered basalt was mapped between the BL2S and 4+00S (see Map 1). The basalt is characterized by massive and pillowed flows. In places the massive basalt contains quartz-calcite amygdules which are up to 15mm. This section appears to be similar to the basalt flows with quartz-carbonate filled amygdules up to 2cm in size found between L12E and L16E from 1+00N and 2+00N. In places, the basalt has a pervasive epidote alteration.

Stratigraphic tops were determined to be to the north using pillows.

2.2.6 Andesite Porphyry Fragmental (Calc-alkalic Suite)

The andesite porphyry fragmental is made of feldspar phyric fragments with feldspar grains making up to 30% of the fragments. The size of the fragments varies from a medium grained tuff to breccia blocks set in a crystal tuff matrix. The matrix is andesitic, more chloritic with up to 10% feldspar crystals. Minor amounts of disseminated pyrite are associated with the fragmental rocks.

2.2.7 Intermediate and Mafic Intrusive Rocks

Several fine grained diabase, lamprophyre, and coarse grained mafic dikes were mapped cross-cutting the geology on the property (see Map 1). The dikes are from 3m up to 10m in width. A 3m diabase dike with both contacts exposed strikes at 160° at 19+25W/9+50S. No sulphide mineralization or anomalous gold values are associated with them.

At 15+25W/8+50S and in trench 7, two occurrences of coarse grained gabbro, with amphibole needles up to 2cm long, were mapped. The gabbro is composed of 60% amphibole and 40% 1mm crystals of plagioclase (see Appendix D, trench 7).

3.0 STRUCTURE

Several structural textures such as shear zones, mylonitic textures and highly strained zones are believed to be the signature of the Cadillac-Larder-Break passing through the mapped area. Several occurrences of high strained zones were mapped between L17W and L22W from 900S to 1400S. These are (1) extensive deformation of the syenite, (2) a chlorite schist at the contact

between the syenite pluton and the banded oxide formation, (3) mylonitic textures within the mafic component of the oxide iron formation, and (4) epidote alteration occuring along the bedding of magnetic, fine grained sediments (see Map 1).

On L15W at 1+20S, a sericite schist located within the andesite porphyry is close to the contact between the basalt flows and the Calc-Alkalic Suite. This deformation zone could be related to the one mapped in 1994 and 1995 between L20E and L8W. It is interpreted as the North-Arm of the Cadillac-Larder-Break (Jensen, 1996).

4.0 GEOCHEMISTRY

Geochemical analyses were performed on 122 grab samples collected during the mapping of the main grid (See Map 2).

The Syenite contains samples which range from 5ppb Au up to 554ppb Au. The highest gold value is from a mafic syenite with 3-5% disseminated pyrite. The mineralized syenite has up to 50% hydrothermally derived chlorite.

Free gold was panned from a gravel sample coming from a creek 5m from the pyrite bearing syenite. Pulp metallic analyses were done on several samples from the pyrite-rich syenite. The results were similar to the gold assays, suggesting that the gold grains panned in the creek are from the tills and not bedrock. Several other rock samples above 51ppb Au follow an east-west trend at 13+00S. This trend cuts across an old showing, called 'Syenite Showing', which has been trenched in the 1950s, and more extensively trenched by Cameco in July 1996 (see Appendix D, trench 4 and 6).

Minor mineralization is associated with the banded oxide iron formation. The gold values are

all less than 10ppb Au. The oxide iron formation was trenched by Cameco in July 1996 (see Appendix D, trench 5).

The highly strained basalt contains up to 3% disseminated pyrite. The rocks also contain up to 20% epidote veins which are mineralized with minor pyrite. This sheared basalt hosts the Galer showing characterized by a north south striking quartz vein system. The best gold assay (sampled in 1995) at the Galer is 1100ppb Au. The gold is associated with one of the quartz veins. During the 1996 mapping, the anomalous value could not be reproduced. The gold anomalies found this year were located 50m on either side of the pits and returned values up to 354ppb Au. See the description of trench 7 in Appendix C for the report on trenching done by Cameco in this lithological unit.

The other rock types have only minor pyrite. The gold assays average less than 10ppb. Whole rock analyses from the strained basalt define the rocks as high-iron-tholeiitic basalt.

5.0 GEOPHYSICS

A geophysical program including 15.7 km of dipole-dipole array IP-resistivity and 6.7 km of ground magnetometer surveying was completed in August 1996, by GEOLA of Val d'Or, Quebec (see Appendix F). The current work was merged and compiled with work completed by Cameco in 1994 and 1995 and by Newmont exploration in 1988 to produce a detailed interpretation report (Limion, 1989 and Lavoie, 1996).

The strongest IP (P-01) anomaly follows pyrite mineralization associated with a shear zone within the syenite (Appendix D, Trench 4). It is located between L15W to L21W from 12S to 12+50S. The other IP anomalies follow; (1) the contact between basalt and gabbro on L15 to L19W from 10+50S to 900S (P-02), (2) Low land areas (P-03 and P-04), and (3) the contact between basalt

and andesite porphyritic fragmental along the BL2S between L15W and L23W (P-05). IP anomaly P-05 also has a magnetic high associated with it.

The magnetic survey from Newmont Exploration in 1988 outlined a magnetic low trend following the chlorite schist at the contact between the syenite and the oxide iron formation.

6.0 BULK TILL SAMPLING

On July 6 and 17, 1996, a total of 6 bulk till samples were collected from the southwestern corner of the main grid. Table 3 summarizes the results (also see Appendix C).

The till samples were collected in proximity of a large outcrop ridge where four trenches were excavated by Cameco in 1996 and where many old trenches were hand dug in the 1930s. Four samples were collected on the south edge of the ridge in order to trace any gold source coming form the ridge. Two more samples were collected on the north edge of the ridge in order to assess a possible gold source coming from the lowland areas to the north of the ridge (see Map 1 and Map 3)

Most of the gold grains coming from the samples are either modified or reshaped. The survey returned a high gold grain background of 10-12 gold grains in a normalized sample of 10kg. The results from the till survey are inconclusive.

Table 3. Till Samples Collected in 1996.

Sample #	Location	Till Grade	Depth (m)	Gold Count			Norm. Total (10Kg)
				Total	Pristine	Mod./Rsh.	
POW96T -001	16+50W/ 14+00S	Good Till, 35% fragm., Sandy/Clayey		3	0	3	4
POW96T -002	19+00W/ 14+05S	Good Till, sandy/Clayey	0.5	5	0	5	7
POW96T -003	21+25W/ 13+75S	Mod. Till, Sandy, 5-10% fragments	0.3	8	3	5	12
POW96T -004	23+00W/ 12+50S	Poor Till, sandy, rounded fragments		8	0	8	20
POW96T -005	21+65W/ 10+00S	Hard Pan, 25% fragments	1.0	14	0	14	12
POW96T -006	19+75W/ 8+50S	Hard Pan, 15-20% fragment	1.5	1	0	1	1

7.0 TRENCHING

In July and August, 1996, seven trenches were excavated on the property. The trenching and washing was done under the supervision of Fred Kiernicki of Fred Kiernicki Prospector Services. Mechanical stripping was completed by a 320 John Deere Backhoe. From July 15 to July 28, 1996, Alain Faber, Mitch Turcott and Peter Chubb mapped, sampled and channel sampled the seven trenches (See Appendix D).

7.1 Trench 4 (Syenite Showing)

The trench was excavated over an area of old trenches from which several grab samples returned anomalous gold, up to 238ppb Au. The trench uncovered an east-west trending high strained zone in syenite. A lamprophyre dike cuts the syenite at an angle subparallel to the trench. The

best gold value came from the east-west structure zone which was uncovered to the south of the trench and returned 411ppb Au in grab sample. The high strained zone contains 1-10% disseminated pyrite or pyrite crystals (1-3mm). A 3m carbonatized breccia zone was also mapped in the lamprophyre dike.

7.2 Trench 5 (Creek Showing)

The area was excavated to uncover a highly strained zone that was believed to be the extension of the Kirkland-Larder Lake Break. The trench uncovered a banded oxide IF in contact with syenite. This contact is defined by a two to three metre wide chlorite schist. The iron formation is zoned with chert and magnetite beds. The syenite is highly deformed at the contact with the schist. The best gold value returned 14ppb Au from the chlorite schist located at the contact between the oxide IF and the syenite.

7.3 Trench 6 (Syenite Showing)

The area was excavated to uncover the source rock of an anomalous gold value (694ppb Au) from a pyrite mineralized porphyritic syenite. The trench uncovered a moderately to highly foliated syenite which is cut by a 2m carbonatized shear. A lamprophyre dike was also exposed along one of the arms of the trench. No mineralized zone was mapped. The best gold value returned 1158ppb Au/1m within a 2m chloritized structure zone within the syenite. A few other gold values, up to 600ppb Au, occur in the syenite.

7.4 Trench 7 (Galer Showing)

The area was excavated to uncover the rocks around the Galer showing (quartz vein system) from which a grab sample with up to 1g/t Au was collected in mineralized host rock. The trench uncovered more than 80m of magnetic, fine to medium grained sediments. They contain 1-3%

pyrite (disseminated and along fractures) with area containing up to 5% pyrite. The sediments are characterized by up to 20% epidote in <1cm bands along the bedding. The best gold value is from pyrite mineralized magnetic sediments and returned 137ppb Au. All other samples returned values <5ppb Au. The north end of the trench exposed a medium grained gabbro with local dendritic texture characterized by 2cm amphibole crystals in a medium grained matrix.

7.5 Trench 8 (Argyle Trench)

The area was excavated to clean an old trench which returned 799ppb Au in a grab sample. The trenching uncovered an East-West carbonate-sericite shear zone within an andesite porphyry and fragmental (Calc-Alkalic Suite). The schist is highly carbonatized, albitized, and sericitized. The schist also contains areas of less deformation and alteration. Trace amounts of fuchsite are also present.

The rock contains 2-3% fine pyrite associated with quartz veinlets. In places the pyrite content reaches 7%. The width of the highly altered shear zone rangesfrom three to five metres. About 40m of deformed and weakly to moderately carbonatized andesite was uncovered by trenching to the south of the structure. The best assay values are 2880ppb Au/1.1m and 1509ppb Au/0.75m in channel and 6.1g Au/t in grab samples. Most of the other samples collected within the main shear are anomalous (>100ppb). This could be a possible source for the anomalous gold grain counts obtained in 1995 from till samples to the south of the property (Koziol, 1996).

7.6 Trenches 9 and 10

Trenches 9 and 10 are located 150m on either side of trench 8. They were excavated for a better understanding of the structure zone uncovered by trench 8. Trench 9 failed to uncovered the structure due to a steep slope of the bedrock and trench 10 never reached bedrock due to overburden thickness. The results obtained from these two trenches are inconclusive.

8.0 PROSPECTING NORTHEASTERN PORTION OF THE PROPERTY

One day was spent prospecting claim 1198140 which was staked on April 4, 1995. The crew included two geologists and two prospectors. A total of 9km of traverses were carried out in order to trace the possible extension to the East of the structure found in the Argyle trench.

8.1 Geology

The dominant rock encountered is an andesite porphyry which forms part of the calc-alkaline suite mapped by Kresz in 1993. The prospecting outlined a moderately carbonatized shear zone located at the base of a cliff which was followed for 1.2km across the claim block. The south side of the structure zone is outcropping and the strain becomes weak at 10-15m away from the shear zone. The north side of the shear zone is under overburden.

The structure strikes east-west and is on line with the Argyle Trench, located 4km to the west. Several old trenches were sampled and prospected and sampled along Ministinikon Lake. One of them follows a narrow (15-20cm) quartz-carbonate-sericite schist with 5% disseminated pyrite and trace malachite. A total of 22 samples were collected. A sample from the schist (POW96X-5001) returned 390ppb Au, 25ppm Ag, and anomalous arsenic.

9.0 MAPPING ON THE SOUTHEASTERN CORNER OF THE PROPERTY

In June 1996, 3.35km of grid was cut to extend L26E to L33E on claim 1198131 and 1998132. The newly cut grid lines were mapped on July 13, 1996, by Peter Chubb and Mitch Turcott.

Greywacke and argillite were the only rock types identified. The sediments are similar to the ones found to the south of the trench on L27E. Minor disseminated pyrite is associated with the

sediments, and of the 8 samples collected, all returned gold values below 2ppb.

10.0 MAPPING OF THE EAST BLOCK

From August 26-27, 1996, 14km of grid mapping was carried out on claim 1198142 (See Appendix E). The mapped area is underlain by massive and pillowed mafic volcanic flows to the north and greywacke to the south. The contact between the volcanic and sedimentary rocks is characterized by a 400m unit of interlayered basalt and sediments. Gabbroic dikes intruding along a north-south axis are related to the Matachewan dike swarm. Minor occurrences of syenite are also present.

The Cadillac-Larder Lake Break, which is interpreted to be at the contact between the mafic volcanic and sedimentary rocks, was not recognized in the rock exposures. A narrow mylonite zone (two to three metres) with mudstone fragments and several 1cm epidote-sericite-rich, highly strained zones within the basalt are the only traces of deformation.

The volcanic rocks and sediments contain trace amounts of pyrite along fractures. From L6E to L10E, between 600S and 650S, mafic volcanic rocks are characterized by an east-west pyrite mineralized zone. The pyrite zone is moderately deformed and contains up to 7% pyrite, disseminated and along fractures. On L6E, the pyrite content reaches 25% and is characterized by coarse grained pyrite (up to 3mm crystals). From the 65 samples collected, the best gold assay is 47ppb.

11.0 CONCLUSIONS

The 1996 exploration program included: (1) 45.8km of line cutting and chaining, (2) 15.3km induced polarization and 6.7km of ground magnetic surveys, (3) geological mapping, prospecting, and sampling, (4) Till sampling, and (5)trenching and channel sampling.

The results of the geophysical surveys identified several IP and magnetic anomalies related to geological contacts and sulphide mineralized zones mapped on the grid.

Geological mapping and prospecting were completed in several areas of the property, namely;

(A) The geology of the main grid includes a syenite pluton, highly strained basaltic and sedimentary rocks, unaltered basalt, andesite porphyry fragmentals (Calc-alkalic Suite), conglomerate (Cobalt Group), and several occurrences of intermediate and mafic dikes. The southern part of the main grid is characterized by highly strained rocks and schists which are interpreted to be the expression of the Cadillac-Larder-Break. Minor gold mineralization from the mapping were investigated by trenching.

(B) Two claims were mapped to the SE corner of the property to the south of the L27E trench. Greywacke and argillite were mapped. No anomalous gold returned form the samples collected.

(C) The East-Block, which is located at the east end of the property, outlined the contact between the basalt and the sediments. In 1996, Larry Jensen mapped the Cadillac-Larder Lake Break going through this lithological contact on the property. Mineralization occurs as a discrete zone within the contact zone of the two lithological units. The best gold values returned 47ppb Au.

(D) Prospecting done to the north-east corner of the property outlined a 1.2km deformation zone striking east-west within the calc-alkalic suite. A sample from an old trench returned 390ppb Au and 25ppm Ag. The prospecting program identified a 4km, locally gold-bearing, east-west striking deformation zone.

A total of 6 till samples were collected in the southern part of the main grid. The normalized samples (10Kg) returned gold grain counts up to 20 grains. Most of the grains are modified or reshaped.

Seven trenches were excavated in order to understand the anomalous gold values obtained during mapping. The trenches uncovered highly strained syenite and sediments and an oxide iron formation. Trench 8, 9, and 10 investigated a newly found gold-rich, pyrite-mineralized shear zone. The shear is three to five metres wide and highly altered (sericite-albite-carbonate alteration). All trenches were channel sampled. Weakly anomalous values returned from trench 4 and 6. Trench 8 returned gold values up to 6.1g Au/t in grab and 2.8g Au/t/1m in channel samples with many other anomalous gold values.

12.0 RECOMMENDATIONS

Diamond drilling is recommended to test the gold anomalous shear zone in the syenite located to the south-west corner of the property.

A magnetometer survey is recommended on the East-Block (claim 1198142) to help define the volcanic and sediment contact and locate possible Kirkland Lake Break.

In the area of Trench 8, extension and expansion of the current grid to the north and the east and ground magnetometer and induced polarization surveys are recommended. Drilling is also recommended to test this gold-bearing structure at depth and along strike.

14.0 REFERENCES

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CERTIFICATE OF QUALIFICATIONS

I, Alain Faber, residing at 321 Laura Avenue, Sudbury, Ontario, P3E 3R8, do hereby certify that:

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

I attended McGill University in Motreal, Quebec and graduated with a B. Sc. in geology in 1992;

I am a member of the Association Professionnelle des Géologues et des Géophysiciens du Québec (APGGQ - Membre Stagiaire #1001) and the Quebec Prospectors Association;

I was one the property when the work was being carried out.

Signed at Sudbury, Ontario, this 31st day of January, 1997

Alain Faber
Geologist, B. Sc.

APPENDIX A

Au and ICP Assay Certificates for Outcrop Grab and Channel Samples

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Metallic Assay Certificate

6W-2444-RM1

Company: **CAMECO CORPORATION**
Project: POW
Attn: M.Koziol/P.Cuhbb

Date: JUL-15-96

We hereby certify the following Metallic Assay of 6 Grab samples submitted JUL-08-96 by .

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au +100(g/t)	Assay Value Au -100(g/t)	Total Weight Au +100(mg)	Total Weight Au -100(mg)	Metallic Au (oz/ton)	Metallic Au (g/t)	Net Au (oz/ton)	Net Au (g/t)
POW96X-556	817.00	26.60	0.02	0.01	0.001	0.008	0.000	0.00	0.000	0.01
POW96X-557	963.50	33.70	0.01	0.01	0.000	0.009	0.000	0.00	0.000	0.01
POW96X-558	774.73	17.93	0.01	0.01	0.000	0.008	0.000	0.00	0.000	0.01
POW96X-562	1612.30	1.70	0.15	0.01	0.000	0.016	0.000	0.00	0.000	0.01
POW96X-563	926.72	2.62	0.08	0.01	0.000	0.009	0.000	0.00	0.000	0.01
POW96X-569	494.28	3.48	0.01	0.01	0.000	0.005	0.000	0.00	0.000	0.01

Certified by _____

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Metallic Assay Certificate

6W-1940-RM1

Company: **CAMECO CORPORATION**

Date: JUN-10-96

Project:

Attn: A. Fabert

We hereby certify the following Metallic Assay of 2 Rock samples submitted JUN-01-96 by A. Faber.

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au +100(g/t)	Assay Value Au -100(g/t)	Total Weight Au +100(mg)	Total Weight Au -100(mg)	Metallic Au (oz/ton)	Metallic Au (g/t)	Net Au (oz/ton)	Net Au (g/t)
POW96X-534	592.90	1.15	0.61	0.54	0.001	0.320	0.000	0.00	0.016	0.54
POW96X-535	765.08	15.48	0.05	0.10	0.001	0.075	0.000	0.00	0.003	0.10

One assay ton portion used.

Certified by _____

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Assay Certificate

6W-2837-RA1

Company: **CAMECO CORPORATION**

Date: AUG-07-96

Project:

Attn: A. Faber

We hereby certify the following Assay of 12 Grab samples submitted AUG-01-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96X650	Nil	-	Results
POW96X651	9	-	to
POW96X652	10	12	follow
POW96X653	Nil	-	
POW96X654	26	21	
POW96X655	10	-	
POW96X1123	Nil	-	
POW96X1124	5	-	
POW96X1125	Nil	-	
POW96X1126	Nil	-	
POW96X1127	Nil	-	
POW96X1128	Nil	-	

One assay ton portion used.

Certified by G. Leboy

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Geochemical Analysis Certificate

6W-1940-RG1

Company: **CAMECO CORPORATION**

Date: JUN-04-96

Project:

Attn: A. Fabert

We hereby certify the following Geochemical Analysis of 76 Grab samples submitted JUN-01-96 by A. Faber.

Sample Number	Au PPB	Au Check PPB
POW96X-500	12	-
POW96X-501	62	-
POW96X-502	22	19
POW96X-503	77	-
POW96X-504	2	-
POW96X-505	Nil	-
POW96X-506	Nil	-
POW96X-507	5	-
POW96X-508	9	-
POW96X-509	346	435
POW96X-510	3	-
POW96X-511	5	-
POW96X-512	10	-
POW96X-513	4	-
POW96X-514	2	-
POW96X-515	7	-
POW96X-516	60	74
POW96X-517	2	-
POW96X-518	3	-
POW96X-519	Nil	-
POW96X-520	3	-
POW96X-521	2	-
POW96X-522	Nil	-
POW96X-523	10	7
POW96X-524	2	-
POW96X-525	7	-
POW96X-526	5	-
POW96X-527	Nil	-
POW96X-528	3	-
POW96X-529	2	-

One assay ton portion used.

Certified by _____

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6W-1940-RG1

Company: **CAMECO CORPORATION**

Date: JUN-04-96

Project:

Attn: A. Fabert

We hereby certify the following Geochemical Analysis of 76 Grab samples submitted JUN-01-96 by A. Faber.

Sample Number	Au PPB	Au Check PPB
POW96X-530	10	-
POW96X-531	65	-
POW96X-532	7	-
POW96X-533	3	-
POW96X-534	554	638
POW96X-535	96	-
POW96X-536	5	-
POW96X-537	3	-
POW96X-538	9	-
POW96X-539	2	-
POW96X-540	3	-
POW96X-541	Nil	-
POW96X-542	2	-
POW96X-543	27	-
POW96X-544	3	-
POW96X-545	977	1145
POW96X-546	10	-
POW96X-547	58	-
POW96X-548	2	-
POW96X-549	2	-
POW96X-550	31	-
POW96X-551	14	-
POW96X-552	5	-
POW96X-523 A	7	5
POW96X-1000	9	-
POW96X-1001	2	-
POW96X-1002	Nil	-
POW96X-1003	3	-
POW96X-1004	Nil	-
POW96X-1005	14	-

One assay ton portion used.

Certified by G. Faber

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6W-1940-RG1

Company: **CAMECO CORPORATION**

Date: JUN-04-96

Project:

Attn: A. Fabert

We hereby certify the following Geochemical Analysis of 76 Grab samples submitted JUN-01-96 by A. Faber.

Sample Number	Au PPB	Au Check PPB
POW96X-1006	3	-
POW96X-1007	2	-
POW96X-1008	7	-
POW96X-1009 A	3	-
POW96X-1017	10	-
POW96X-1018	12	7
POW96X-1019	10	-
POW96X-1020	3	-
POW96X-1021	2	-
POW96X-1024	3	-
POW96X-1025	Nil	-
POW96X-1026	7	-
POW96X-1028	5	-
POW96X-1029	9	-
POW96X-1121	10	-
POW96X-1009-B	7	-

One assay ton portion used.

Certified by _____

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Geochemical Analysis Certificate

6W-2521-RG1

Company: **CAMECO CORPORATION**
Project: POW 96
Attn: M.Koziol/P. Chubb

Date: JUL-22-96

We hereby certify the following Geochemical Analysis of 52 Grab samples submitted JUL-16-96 by P.Chubb.

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96X-574	48	-	Results
POW96X-575	15	-	to
POW96X-576	309	259	Follow
POW96X-577	17	-	
POW96X-578	24	-	
POW96X-579	14	-	
POW96X-580	9	-	
POW96X-581	46	-	
POW96X-582	10	-	
POW96X-583	19	-	
POW96X-584	411	278	
POW96X-585	267	377	
POW96X-586	14	-	
POW96X-587	3	-	
POW96X-588	Nil	-	
POW96X-589	2	-	
POW96X-590	2	-	
POW96X-591	Nil	-	
POW96X-592	Nil	-	
POW96X-711	9	-	
POW96X-712	3	-	
POW96X-713	14	-	
POW96X-714	2	-	
POW96X-715	2	-	
POW96X-716	3	-	
POW96X-717	Nil	-	
POW96X-718	Nil	-	
POW96X-719	Nil	-	
POW96X-720	106	-	
POW96X-721	309	230	

One assay ton portion used.

Certified by Denis Chartre

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Geochemical Analysis Certificate

6W-2521-RG1

Company: **CAMECO CORPORATION**
Project: POW 96
Attn: M.Koziol/P. Chubb

Date: JUL-22-96

We hereby certify the following Geochemical Analysis of 52 Grab samples submitted JUL-16-96 by P.Chubb.

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96X-722	1783	1680	
POW96X-723	22	-	
POW96X-724	189	-	
POW96X-725	617	-	
POW96X-726	26	-	
POW96X-727	5451	5657	
POW96X-728	1371	1577	
POW96X-729	6171	6309	
POW96X-730	43	-	
POW96X-731	9	-	
POW96X-732	7	-	
POW96X-733	5	-	
POW96X-734	5	-	
POW96X-735	2	-	
POW96X-736	7	5	
POW96X-737	9	-	
POW96X-738	3	-	
POW96X-739	5	-	
POW96X-740	3	-	
POW96X-741	7	-	
POW96X-742	2	-	
POW96X-743	Nil	-	

One assay ton portion used.

Certified by Denis Chartre

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6W-2713-RG1

Company: **CAMECO CORPORATION**

Date: AUG-01-96

Project:

Attn: A.Faber

We hereby certify the following Geochemical Analysis of 55 Rock samples submitted JUL-26-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Multi Element
POW96X-1108	10	-	-	Results
POW96X-1109	Nil	-	-	to
POW96X-1110	Nil	-	-	follow
POW96X-1111	Nil	-	-	
POW96X-1112	Nil	-	-	
POW96X-1113	Nil	-	-	
POW96X-1114	9	-	-	
POW96X-1115	2	2	-	
POW96X-1116	2	-	-	
POW96X-1117	Nil	-	-	
POW96X-1118	Nil	-	-	
POW96X-1119	137	-	-	
POW96X-1120	3	-	-	
POW96X-790	2	-	-	
POW96X-791	14	-	-	
POW96X-792	3326	3189	3771	
POW96C-2001	12	-	-	
POW96C-2002	Nil	-	-	
POW96C-2003	2	-	-	
POW96C-2004	Nil	-	-	
POW96C-2005	Nil	-	-	
POW96C-2006	Nil	-	-	
POW96C-2007	29	-	-	
POW96C-2008	Nil	-	-	
POW96C-2009	3	-	-	
POW96C-2010	1150	1166	-	
POW96C-2011	Nil	-	-	
POW96C-2012	38	-	-	
POW96C-2014	Nil	-	-	
POW96C-2015	Nil	-	-	

One assay ton portion used. ** #2027 was not received. We did however find two samples #2025 we added "A" to one of them.

Certified by G. Leb

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6W-2713-RG1

Company: **CAMECO CORPORATION**

Date: AUG-01-96

Project:

Attn: A.Faber

We hereby certify the following Geochemical Analysis of 55 Rock samples submitted JUL-26-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Multi Element
POW96C-2016	2		-	
POW96C-2017	75	69	-	
POW96C-2018	Nil		-	
POW96C-2019	Nil	-	-	
POW96C-2020	Nil	-	-	
POW96C-2021	12	-	-	
POW96C-2022	Nil	-	-	
POW96C-2023	45	-	-	
POW96C-2024	53	-	-	
POW96C-2025	38	-	-	
POW96C-2026	12	-	-	
POW96C-2025 A **	9			
POW96C-2028	27	-	-	
POW96C-2029	326	-	-	
POW96C-2030	326	350	-	
POW96C-2032	Nil	-	-	
POW96C-2033	Nil	-	-	
POW96C-2034	Nil	-	-	
POW96C-2035	Nil	-	-	
POW96C-2036	9			
POW96C-2037	Nil			
POW96C-2038	Nil			
POW96C-2039	7	-	-	
POW96C-2010 A	21	-	-	
POW96C-2028 A	531	516	-	
POW96C-2030 A not received	-	-	-	

One assay ton portion used. ** #2027 was not received. We did however find two samples #2025 we added "A" to one of them.

Certified by

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Geochemical Analysis Certificate

6W-2712-RG1

Company: **CAMECO CORPORATION**

Date: JUL-30-96

Project:

Attn: A.Faber

We hereby certify the following Geochemical Analysis of 19 Rock samples submitted JUL-26-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96C-2050	891	754	Results
POW96C-2051	518	-	to
POW96C-2052	298	-	follow
POW96C-2053	5	-	
POW96C-2054	91	-	
POW96C-2055	206	-	
POW96C-2056	651	-	
POW96C-2057	204	-	
POW96C-2058	135	-	
POW96C-2059	34	-	
POW96C-2060	31	-	
POW96C-2061	309	-	
POW96C-2062	1509	1509	
POW96C-2063	302	-	
POW96C-2064	2777	2983	
POW96C-2065	377	-	
POW96C-2066	3	-	
POW96C-2067	480	377	
POW96C-2068	185	-	

One assay ton portion used.

Certified by G. Faber

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Geochemical Analysis Certificate

6W-3210-RG1

Company: **CAMECO CORPORATION**
Project: POW
Attn: P.Chubb

Date: AUG-27-96

We hereby certify the following Geochemical Analysis of 49 Channel/Grab samples submitted AUG-26-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96C-2400	12	-	Results
POW96C-2401	22	-	to
POW96C-2402	57	-	follow
POW96C-2403	15	17	
POW96C-2404	5	-	
POW96X-1400	19	-	
POW96X-1401	10	-	
POW96X-1402	9	-	
POW96X-1403	21	-	
POW96X-1404	7	-	
POW96X-1405	Nil	-	
POW96X-1406	Nil	-	
POW96X-1407	Nil	Nil	
POW96X-1408	Nil	-	
POW96X-1409	46	-	
POW96X-1410	79	-	
POW96X-1411	31	-	
POW96X-1412	36	-	
POW96X-1413	434	-	
POW96X-1414	156	-	
POW96X-1415	Nil	-	
POW96X-1416	257	247	
POW96X-1417	69	-	
POW96X-1418	Nil	-	
POW96X-1419	29	-	
POW96X-1420	Nil	-	
POW96X-1421	Nil	-	
POW96X-5001	386	396	
POW96X-5002	Nil	-	
POW96X-5003	29	-	

One assay ton portion used.

Certified by G. Gelbrich

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

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

6W-3210-RG1

Company: **CAMECO CORPORATION**
Project: POW
Attn: P.Chubb

Date: AUG-27-96

We hereby certify the following Geochemical Analysis of 49 Channel/Grab samples submitted AUG-26-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96X-5004	Nil	-	
POW96X-5005	Nil	-	
POW96X-5006	Nil	-	
POW96X-5007	Nil	-	
POW96X-5008	Nil	-	
POW96X-5500	Nil	-	
POW96X-5501	5	-	
POW96X-5502	Nil	-	
POW96X-5503	Nil	-	
POW96X-5504	Nil	-	
POW96X-5505	Nil	-	
POW96X-5506	Nil	Nil	
POW96X-5507	Nil	-	
POW96X-5508	Nil	-	
POW96X-5509	Nil	-	
POW96X-5510	Nil	-	
POW96X-5518	Nil	-	
POW96X-5519	Nil	-	
POW96X-5520	Nil	Nil	

One assay ton portion used.

Certified by _____

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

Swastika Laboratories

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Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-2604-RG1

Company: CAMECO GOLD CORPORATION

Project:

Attn: M.Koziol

Date: JUL-25-96

We hereby certify the following Geochemical Analysis of 29 Grab samples submitted JUL-19-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW-96X593	Nil	-	Results
POW-96X594	Nil	-	to
POW-96X595	Nil	-	follow
POW-96X596	17	-	
POW-96X597	Nil	-	
POW-96X598	5	-	
POW-96X599	98	103	
POW-96X600	89	-	
POW-96X601	147	-	
POW-96X602	Nil	-	
POW-96X603	103	-	
POW-96X604	Nil	-	
POW-96X605	Nil	-	
POW-96X606	27	39	
POW-96X607	Nil	-	
POW-96X608	Nil	-	
POW-96X609	Nil	-	
POW-96X610	Nil	-	
POW-96X611	Nil	-	
POW-96X612	Nil	-	
POW-96X613	Nil	-	
POW-96X1100	Nil	-	
POW-96X1101	22	-	
POW-96X1102	Nil	-	
POW-96X1103	15	-	
POW-96X1104	Nil	-	
POW-96X1105	14	-	
POW-96X1106	Nil	Nil	
POW-96X1107	Nil	-	

One assay ton portion used.

Certified by G. Labonté

P.O. Box 10, Swastika, Ontario P0K 1T0

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Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-2442-RG1

Company: **CAMECO CORPORATION**
Project: POW
Attn: M.Koziol/P.Chubb

Date: JUL-11-96

We hereby certify the following Geochemical Analysis of 28 Grab samples submitted JUL-08-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA -
POW96X-553	Nil	-	Results	Results
POW96X-554	Nil	2	to	to
POW96X-555	2	-	follow	follow
POW96X-556	Nil	-		
POW96X-559	Nil	-		
POW96X-560	-	-		
POW96X-561	Nil	-		
POW96X-564	14	12		
POW96X-565	Nil	-		
POW96X-566	Nil	-		
POW96X-567	3	-		
POW96X-568	Nil	-		
POW96X-570	Nil	-		
POW96X-571	Nil	-		
POW96X-572	Nil	-		
POW96X-573	Nil	-		
POW96X-700	Nil	-		
POW96X-701	2	-		
POW96X-702	9	10		
POW96X-703	2	-		
POW96X-704	2	-		
POW96X-705	Nil	-		
POW96X-706	Nil	-		
POW96X-707	Nil	-		
POW96X-708	Nil	Nil		
POW96X-709	Nil	-		
POW96X-710	Nil	-		
ASHLIO	Nil	-		

One assay ton portion used.

Certified by Denis Chartre

P.O. Box 10, Swastika, Ontario P0K 1T0
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Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-3211-SG1

Company: **CAMECO CORPORATION**
Project: POW
Attn: P.Chubb

Date: SEP-03-96

We hereby certify the following Geochemical Analysis of 1 Soil samples submitted AUG-26-96 by .

Sample Number	Au PPB	Au Check PPB
POW96S-5000	8	8

One assay ton portion used.

Certified by G. Clark

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Telephone (705) 642-3244 FAX (705) 642-3300

Swastika Laboratories

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Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-3395-SG1

Company: **CAMECO CORPORATION**

Date: SEP-16-95

Project:

Attn: P. Chubb

We hereby certify the following Geochemical Analysis of 2 Soil/Humus samples submitted AUG-29-96 by .

Sample Number	Au PPB
POW96S-6500	Nil
POW96H-6500	Nil

Certified by G. Hibbs

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

CAMECO RPORATION
ATTN:
PROJ:

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

REPORT No. : A 348
Page No. : 1 of 1
File No. : AUG8MA
Date : AUG-08-1996

6W-2837-RA1

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X650	< 1	0.74	50	< 10	19	< 1	< 5	5.9	< 1	18	230	56	4.0	2.2	1000	< 2	0.02	120	190	< 1	< 5	3	< 10	140	20	15	< 10	2	51	3
POW96X651	< 1	2.1	15	< 10	37	< 1	< 5	0.90	< 1	24	70	71	3.8	1.3	580	< 2	0.06	25	470	1	< 5	3	< 10	18	31	18	< 10	3	75	7
POW96X652	< 1	1.6	100	< 10	10	< 1	< 5	0.19	< 1	29	410	44	5.7	1.1	370	< 2	0.10	67	310	12	< 5	4	< 10	7	440	41	< 10	3	550	18
POW96X653	< 1	1.5	20	< 10	37	< 1	< 5	0.24	< 1	27	180	44	3.6	0.87	340	< 2	0.04	150	340	< 1	< 5	2	< 10	8	1100	27	< 10	3	82	11
POW96X654	< 1	2.3	< 5	< 10	10	< 1	< 5	0.23	< 1	23	360	170	9.3	1.8	480	4	0.03	45	590	4	< 5	4	< 10	3	970	54	< 10	4	86	9
POW96X655	< 1	0.35	25	< 10	14	< 1	< 5	3.9	< 1	31	67	77	6.9	1.9	1100	< 2	0.03	58	150	1	< 5	12	< 10	59	56	14	< 10	4	63	6
POW96X1123	< 1	1.2	70	< 10	2	< 1	< 5	0.98	< 1	25	190	130	5.6	0.82	530	2	0.07	14	1100	< 1	< 5	6	< 10	34	1900	21	< 10	12	68	5
POW96X1124	< 1	1.5	5	< 10	29	< 1	< 5	0.50	< 1	17	270	56	3.0	1.2	400	< 2	0.13	43	400	< 1	< 5	4	< 10	19	1300	49	< 10	6	65	12
POW96X1125	< 1	2.0	20	< 10	8	< 1	< 5	0.50	< 1	20	190	9	4.4	1.9	500	< 2	0.08	52	600	< 1	< 5	3	< 10	18	1200	51	< 10	8	66	3
POW96X1126	< 1	0.87	< 5	< 10	5	< 1	< 5	0.34	< 1	32	400	81	4.7	1.0	280	20	0.06	54	760	46	< 5	8	< 10	8	1500	62	< 10	8	59	8
POW96X1127	< 1	1.8	5	< 10	7	< 1	< 5	1.2	< 1	22	150	160	6.5	2.0	520	10	0.07	51	590	11	< 5	9	< 10	8	1800	120	< 10	11	78	5
POW96X1128	< 1	0.94	30	< 10	10	< 1	< 5	0.58	< 1	23	370	34	4.2	1.3	290	270	0.04	52	410	100	< 5	9	< 10	7	1600	89	< 10	15	43	9

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

TSL/96

CAMECO CORPORATION
ATTN: M. KOZIOL & P. CHUBB
PROJ: POW

6W-2442-RG1

TSL/ASSAYE Laboratories

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

REPORT No. : M7719
Page No. : 1 of 1
File No. : JL12MA
Date : JUL-15-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-553	< 1	0.84	< 5	< 10	17	< 1	< 5	0.84	< 1	28	210	59	5.7	0.60	350	8	0.12	16	1000	2	< 5	7	< 10	30	1900	51	< 10	19	59	2
POW96X-554	< 1	1.2	< 5	< 10	9	< 1	< 5	1.0	< 1	31	200	78	7.8	0.82	510	6	0.17	19	1000	3	< 5	10	< 10	24	2600	58	< 10	22	79	3
POW96X-555	3	0.97	< 5	< 10	5	< 1	< 5	2.2	< 1	16	180	120	6.8	0.85	380	< 2	0.09	13	760	280	< 5	11	< 10	18	2900	110	< 10	18	72	16
POW96X-556	2	1.6	5	< 10	19	< 1	< 5	2.6	< 1	33	220	150	6.8	1.5	680	< 2	0.08	27	700	14	< 5	12	< 10	26	3500	150	< 10	16	120	12
POW96X-559	2	2.6	< 5	< 10	12	< 1	< 5	2.4	< 1	21	150	17	6.8	2.1	730	2	0.05	69	740	18	< 5	17	< 10	14	3600	140	< 10	17	120	11
POW96X-561	< 1	2.3	10	< 10	11	< 1	< 5	1.9	< 1	27	170	50	6.0	2.1	640	< 2	0.10	67	720	5	< 5	13	< 10	14	2900	130	< 10	20	96	7
POW96X-564	< 1	1.5	5	< 10	28	< 1	< 5	1.2	< 1	28	220	41	4.8	0.88	590	< 2	0.19	20	1100	2	< 5	10	< 10	21	1900	49	< 10	18	81	8
POW96X-565	< 1	1.3	< 5	< 10	16	< 1	< 5	1.2	< 1	29	200	170	5.1	0.80	540	< 2	0.14	19	1000	2	< 5	8	< 10	26	2300	41	< 10	16	73	5
POW96X-566	< 1	3.4	10	< 10	43	< 1	< 5	2.5	< 1	46	360	86	6.9	1.9	1300	< 2	0.16	190	300	< 1	< 5	28	< 10	12	2800	210	< 10	11	63	16
POW96X-567	< 1	0.96	< 5	< 10	11	< 1	< 5	1.8	< 1	30	150	120	6.5	0.63	510	< 2	0.11	15	1100	24	< 5	7	< 10	43	3500	45	< 10	14	65	8
POW96X-568	< 1	1.2	5	< 10	5	< 1	< 5	0.73	< 1	16	340	26	3.6	1.1	310	< 2	0.08	52	730	2	< 5	3	< 10	23	1800	53	< 10	11	32	2
POW96X-570	< 1	1.6	< 5	< 10	8	< 1	< 5	0.72	< 1	24	600	36	3.8	1.7	410	< 2	0.08	70	720	2	< 5	4	< 10	23	1600	50	< 10	11	46	< 1
POW96X-571	< 1	1.6	10	< 10	13	< 1	< 5	1.6	< 1	22	390	10	2.4	0.42	240	< 2	0.05	23	610	1	< 5	6	< 10	83	2400	33	< 10	37	20	15
POW96X-572	< 1	1.8	5	< 10	11	< 1	< 5	0.71	< 1	16	280	46	4.3	1.1	380	< 2	0.11	18	580	2	< 5	9	< 10	16	1900	52	< 10	41	52	6
POW96X-573	< 1	1.6	10	< 10	16	< 1	< 5	1.5	< 1	30	410	20	3.1	0.64	310	4	0.03	20	530	< 1	< 5	6	< 10	42	1800	36	< 10	41	37	8
POW96X-700	< 1	0.54	< 5	< 10	510	< 1	< 5	3.4	< 1	15	120	69	3.8	1.0	650	< 2	0.07	20	3600	3	< 5	3	< 10	310	1100	88	< 10	20	65	< 1
POW96X-701	< 1	2.7	< 5	< 10	48	< 1	< 5	1.7	< 1	25	240	36	3.8	2.0	640	< 2	0.07	95	460	< 1	< 5	5	< 10	51	1700	61	< 10	4	63	4
POW96X-702	< 1	1.1	< 5	< 10	41	< 1	< 5	2.6	< 1	36	170	340	5.9	0.57	600	< 2	0.22	36	410	67	< 5	11	< 10	160	3000	160	< 10	11	37	12
POW96X-703	< 1	3.9	< 5	< 10	5	< 1	< 5	3.0	< 1	30	33	45	9.2	1.5	980	< 2	0.02	15	570	6	< 5	29	< 10	51	310	280	< 10	10	350	8
POW96X-704	< 1	3.4	< 5	< 10	19	< 1	< 5	0.95	< 1	39	45	42	8.8	2.0	1100	4	0.05	26	580	< 1	< 5	10	< 10	41	4300	210	< 10	14	200	8
POW96X-705	< 1	3.5	< 5	< 10	34	< 1	< 5	4.3	< 1	31	120	81	5.6	2.0	920	< 2	0.01	100	520	< 1	< 5	8	< 10	120	290	79	< 10	5	160	5
POW96X-706	< 1	2.0	20	< 10	31	< 1	< 5	0.36	< 1	25	190	65	4.3	1.1	370	< 2	0.01	93	490	4	< 5	3	< 10	11	89	35	< 10	3	620	6
POW96X-707	< 1	2.7	20	< 10	22	< 1	< 5	1.1	< 1	40	60	68	7.9	1.9	1000	< 2	0.01	38	450	6	< 5	13	< 10	45	4200	280	< 10	10	150	2
POW96X-708	< 1	2.9	10	< 10	33	< 1	< 5	0.57	< 1	41	100	24	7.0	1.5	740	< 2	0.06	97	670	< 1	< 5	12	< 10	17	220	81	< 10	5	140	7
POW96X-709	< 1	1.3	< 5	< 10	21	< 1	< 5	2.5	< 1	23	430	8	1.7	0.15	250	6	0.03	19	570	4	< 5	6	< 10	100	2100	33	< 10	34	19	14
POW96X-710	< 1	2.0	5	< 10	11	< 1	< 5	3.7	< 1	33	76	68	5.8	1.9	980	< 2	0.07	50	320	15	< 5	21	< 10	70	1900	250	< 10	11	100	14
ASHLIO	< 1	1.1	20	< 10	3	< 1	< 5	5.5	28	100	620	82	2.7	0.60	330	< 2	0.01	250	270	2800	< 5	5	< 10	72	850	45	< 10	3	3300	6

.5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO CORPORATION
ATTN: M. KOZIOL
PROJ: POW96

6W-2521-RG1

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

REPORT No. : M7755
Page No. : 1 of 2
File No. : JL24MA
Date : JUL-26-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-574	< 1	2.8	< 5	< 10	81	< 1	< 5	5.0	< 1	46	1100	50	4.4	2.3	1500	< 2	<0.01	630	440	2	< 5	13	< 10	270	190	130	< 10	11	130	10
POW96X-575	< 1	2.5	10	< 10	65	< 1	< 5	5.0	< 1	44	1200	25	4.1	2.3	1200	< 2	<0.01	560	74	< 1	< 5	14	< 10	340	630	94	< 10	5	64	11
POW96X-576	< 1	1.2	5	< 10	78	< 1	< 5	0.58	< 1	24	580	15	3.4	1.5	350	12	0.01	59	1100	33	< 5	6	< 10	64	100	52	< 10	6	46	11
POW96X-577	< 1	2.0	< 5	< 10	35	< 1	< 5	3.3	< 1	30	370	47	4.7	2.0	750	< 2	0.01	45	2800	20	< 5	13	< 10	300	460	160	< 10	14	85	10
POW96X-578	< 1	1.1	< 5	< 10	57	< 1	< 5	3.8	< 1	30	330	45	3.7	1.6	860	< 2	0.01	32	2500	7	< 5	11	< 10	440	650	140	< 10	13	67	7
POW96X-579	< 1	1.3	< 5	< 10	29	< 1	< 5	4.7	< 1	26	310	51	4.2	1.8	900	< 2	0.02	34	2400	8	< 5	13	< 10	340	500	140	< 10	16	62	10
POW96X-580	1	3.9	< 5	< 10	< 1	< 1	< 5	9.1	< 1	44	33	100	13	1.5	2500	< 2	<0.01	27	430	< 1	< 5	33	< 10	180	490	260	< 10	7	190	22
POW96X-581	< 1	0.86	< 5	< 10	91	< 1	< 5	0.47	< 1	33	760	16	2.7	0.83	510	30	0.01	110	570	15	< 5	5	< 10	28	65	66	< 10	5	43	10
POW96X-582	< 1	0.79	< 5	< 10	23	< 1	< 5	2.3	< 1	27	490	44	3.0	1.2	580	< 2	0.02	39	1600	10	< 5	7	< 10	190	340	76	< 10	9	47	18
POW96X-583	< 1	1.3	< 5	< 10	110	< 1	< 5	2.6	< 1	19	350	74	2.4	1.3	610	< 2	0.06	37	2000	< 1	< 5	7	< 10	200	93	59	< 10	13	78	4
POW96X-584	< 1	0.83	< 5	< 10	34	< 1	< 5	1.1	< 1	25	440	26	2.6	1.0	470	62	0.02	55	1700	29	< 5	6	< 10	120	150	58	< 10	8	32	9
POW96X-585	< 1	1.3	< 5	< 10	49	< 1	< 5	2.7	< 1	27	280	54	3.7	1.5	720	14	0.04	74	2000	21	< 5	10	< 10	180	170	97	< 10	12	44	6
POW96X-586	< 1	3.9	< 5	< 10	9	< 1	< 5	3.5	< 1	38	310	7	6.7	2.3	740	< 2	0.02	190	840	< 1	< 5	25	< 10	89	82	170	< 10	11	110	24
POW96X-587	< 1	1.5	< 5	< 10	21	< 1	< 5	0.96	< 1	26	170	44	3.8	1.2	380	< 2	0.13	45	420	< 1	< 5	8	< 10	14	1500	100	< 10	8	51	5
POW96X-588	< 1	3.2	< 5	< 10	96	< 1	< 5	0.84	< 1	29	270	48	4.2	1.9	650	< 2	0.10	120	450	< 1	< 5	9	< 10	22	1700	100	< 10	7	100	13
POW96X-589	< 1	3.2	5	< 10	280	< 1	< 5	1.0	< 1	26	330	35	3.3	1.3	630	< 2	0.26	110	520	< 1	< 5	5	< 10	72	1600	67	< 10	7	91	25
POW96X-590	< 1	3.2	10	< 10	36	< 1	< 5	2.4	< 1	100	1400	63	5.5	2.3	1400	< 2	0.03	> 999	130	< 1	< 5	22	< 10	41	200	130	< 10	3	45	11
POW96X-591	< 1	2.7	< 5	< 10	22	< 1	< 5	4.1	< 1	98	870	42	8.9	2.1	3300	< 2	<0.01	930	120	< 1	< 5	36	< 10	45	300	130	< 10	8	48	18
POW96X-592	< 1	3.4	10	< 10	60	< 1	< 5	0.50	< 1	31	250	48	4.9	1.9	870	< 2	0.09	150	420	< 1	< 5	9	< 10	11	1600	84	< 10	6	120	11
POW96X-711	2	2.5	< 5	< 10	3	< 1	< 5	1.1	< 1	32	120	95	4.9	1.8	780	< 2	0.03	64	240	< 1	< 5	6	< 10	35	3400	130	< 10	4	69	6
POW96X-712	< 1	1.2	< 5	< 10	18	< 1	< 5	1.2	< 1	27	190	48	5.7	1.0	460	< 2	0.09	31	630	< 1	< 5	6	< 10	45	2500	130	< 10	10	65	6
POW96X-713	< 1	1.2	< 5	< 10	39	< 1	< 5	1.4	< 1	13	240	24	2.7	0.69	540	< 2	0.04	16	400	< 1	< 5	2	< 10	16	710	18	< 10	8	150	18
POW96X-714	2	3.4	< 5	< 10	11	< 1	< 5	0.96	< 1	46	41	47	12	1.9	1100	< 2	0.03	40	560	< 1	< 5	12	< 10	19	5300	480	< 10	16	140	10
POW96X-715	< 1	4.4	< 5	< 10	8	< 1	< 5	0.90	< 1	34	260	47	5.4	2.1	840	< 2	0.13	160	580	< 1	< 5	13	< 10	25	1400	120	< 10	7	97	9
POW96X-716	< 1	4.0	< 5	< 10	< 1	< 1	< 5	4.3	< 1	40	52	47	8.0	1.8	1300	< 2	0.02	57	440	< 1	< 5	33	< 10	62	180	340	< 10	6	120	13
POW96X-717	1	3.0	< 5	< 10	5	< 1	< 5	1.2	< 1	39	96	37	5.2	1.9	860	< 2	0.01	67	270	< 1	< 5	7	< 10	72	3400	130	< 10	5	73	5
POW96X-718	< 1	2.8	< 5	< 10	29	< 1	< 5	1.0	< 1	30	260	29	4.1	1.9	530	< 2	0.05	130	550	< 1	< 5	6	< 10	18	210	49	< 10	3	85	8
POW96X-719	< 1	0.37	< 5	< 10	11	< 1	< 5	2.3	< 1	17	410	23	2.1	1.0	1300	< 2	0.03	37	160	< 1	< 5	6	< 10	38	36	18	< 10	4	21	5
POW96X-720	< 1	2.2	< 5	< 10	38	< 1	< 5	1.6	< 1	31	350	11	4.2	1.9	880	< 2	0.07	150	570	< 1	< 5	9	< 10	29	45	54	< 10	4	75	14
POW96X-721	< 1	1.6	< 5	< 10	15	< 1	< 5	1.1	< 1	27	270	32	3.2	1.1	530	< 2	0.06	110	430	< 1	< 5	8	< 10	14	37	31	< 10	5	51	14
POW96X-722	2	1.1	< 5	< 10	60	< 1	< 5	0.34	< 1	37	130	47	4.5	0.76	2100	8	0.02	150	1200	2	< 5	10	< 10	16	47	39	< 10	10	52	6
POW96X-723	< 1	1.8	< 5	< 10	17	< 1	< 5	0.65	< 1	20	200	23	3.3	1.5	610	< 2	0.05	97	560	23	< 5	6	< 10	15	93	44	< 10	5	60	10
POW96X-724	< 1	0.33	< 5	< 10	7	< 1	30	3.8	< 1	17	310	190	2.2	1.3	930	8	0.04	55	480	< 1	< 5	7	< 10	91	31	14	< 10	4	26	8
POW96X-725	< 1	0.97	< 5	< 10	4	< 1	< 5	3.7	< 1	23	250	83	3.4	1.8	950	< 2	0.05	110	310	< 1	< 5	10	< 10	92	92	31	< 10	5	50	14
POW96X-726	< 1	2.2	< 5	< 10	9	< 1	< 5	0.50	< 1	28	260	25	4.0	1.9	640	< 2	0.09	97	610	< 1	< 5	13	< 10	9	1200	84	< 10	6	68	12

A 15 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO CO ORATION
ATTN: M. KOZIOL
PROJ: POW96

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

REPORT No. : M7 5
Page No. : 2 of 2
File No. : JL24MA
Date : JUL-26-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

6W-2521-RGI

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-727	2	0.49	< 5	< 10	5	< 1	< 5	3.0	< 1	30	150	230	3.6	1.3	990	36	0.05	110	380	1	< 5	10	< 10	63	61	13	< 10	5	34	14
POW96X-728	< 1	1.4	5	< 10	37	< 1	< 5	1.4	< 1	36	190	56	4.4	1.3	1200	6	0.03	160	680	< 1	< 5	8	< 10	25	33	42	< 10	7	55	18
POW96X-729	1	0.38	< 5	< 10	13	< 1	< 5	2.5	< 1	36	270	49	4.1	1.0	1100	32	0.09	120	280	1	< 5	7	< 10	55	49	13	< 10	5	28	16
POW96X-730	< 1	0.74	< 5	< 10	340	< 1	< 5	2.6	< 1	14	260	18	2.1	0.80	580	< 2	0.04	26	1500	14	< 5	6	< 10	230	100	58	< 10	15	27	2
POW96X-731	< 1	1.7	< 5	< 10	14	< 1	< 5	1.5	< 1	22	370	45	3.2	1.2	450	20	0.14	63	580	< 1	< 5	8	< 10	33	2200	71	< 10	9	38	6
POW96X-732	< 1	1.8	< 5	< 10	6	< 1	< 5	1.6	< 1	17	180	35	6.0	0.85	650	< 2	0.22	13	2600	< 1	< 5	11	< 10	22	1600	16	< 10	33	110	8
POW96X-733	< 1	2.0	< 5	< 10	8	< 1	< 5	1.6	< 1	20	180	38	7.8	0.96	820	< 2	0.23	10	2700	< 1	< 5	13	< 10	17	1800	9	< 10	36	120	5
POW96X-734	< 1	2.6	5	< 10	6	< 1	< 5	1.1	< 1	34	210	81	5.6	1.9	700	< 2	0.07	79	980	< 1	< 5	7	< 10	79	2200	82	< 10	14	110	4
POW96X-735	2	0.16	< 5	< 10	6	< 1	< 5	0.29	< 1	28	860	990	1.1	0.18	210	2	0.01	30	78	71	< 5	< 1	< 10	8	180	22	< 10	1	14	2
POW96X-736	< 1	4.9	< 5	< 10	17	< 1	< 5	0.40	< 1	39	90	49	8.0	2.5	1200	< 2	<0.01	35	770	< 1	< 5	18	< 10	9	1500	150	< 10	8	200	8
POW96X-737	1	0.19	5	< 10	2	< 1	< 5	0.10	< 1	19	610	240	1.0	0.24	110	2	<0.01	23	46	31	< 5	< 1	< 10	3	95	17	< 10	< 1	12	< 1
POW96X-738	< 1	3.3	< 5	< 10	7	< 1	< 5	0.72	< 1	31	150	53	6.7	2.2	780	< 2	0.06	29	720	< 1	< 5	23	< 10	8	3400	170	< 10	13	120	13
POW96X-739	< 1	1.3	5	< 10	16	< 1	< 5	0.45	< 1	16	350	16	2.3	1.3	400	< 2	0.09	28	550	< 1	< 5	5	< 10	19	870	49	< 10	4	64	11
POW96X-740	< 1	3.2	< 5	< 10	6	< 1	< 5	3.2	< 1	29	60	52	5.8	1.9	1100	< 2	0.04	39	510	< 1	< 5	19	< 10	28	3000	250	< 10	16	110	10
POW96X-741	< 1	1.8	< 5	< 10	10	< 1	< 5	1.3	< 1	18	110	37	4.1	1.5	520	< 2	0.08	26	540	< 1	< 5	10	< 10	26	1600	93	< 10	8	46	15
POW96X-742	< 1	3.2	< 5	< 10	40	< 1	< 5	0.34	< 1	26	220	35	4.2	1.5	610	< 2	0.13	100	340	< 1	< 5	6	< 10	27	550	70	< 10	4	68	11
POW96X-743	< 1	2.8	< 5	< 10	28	< 1	< 5	0.33	< 1	20	220	34	4.0	1.3	540	< 2	0.08	95	380	< 1	< 5	5	< 10	16	1100	57	< 10	3	75	10

.5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
@ 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

SIGNED :

T9L/96

TSL/ASSAYE' Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4

PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO GOLD CORP.

ATTN: M. KOZIOL

PROJ:

6W-2604-RG1

REPORT No. : **M7768**

Page No. : 1 of 1

File No. : JL27MA

Date : JUL-29-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW-96X593	< 1	0.97	< 5	< 10	110	< 1	< 5	8.8	< 1	55	530	22	4.3	2.1	1400	< 2	<0.01	740	110	11	< 5	12	< 10	340	7	50	< 10	5	72	5
POW-96X594	< 1	0.51	10	< 10	370	< 1	< 5	2.4	< 1	18	170	56	2.7	0.73	920	< 2	0.04	41	1600	9	< 5	6	< 10	210	120	67	< 10	15	48	2
POW-96X595	< 1	0.57	5	< 10	230	< 1	< 5	0.70	< 1	30	460	18	2.4	0.63	570	< 2	0.05	37	2000	12	< 5	5	< 10	150	360	100	< 10	12	36	< 1
POW-96X596	< 1	0.25	< 5	< 10	680	< 1	5	0.43	< 1	20	780	11	1.3	0.30	330	2	<0.01	29	220	7	< 5	1	< 10	130	76	49	< 10	3	20	7
POW-96X597	< 1	0.80	< 5	< 10	180	< 1	< 5	1.8	< 1	16	170	61	3.3	0.84	720	< 2	0.05	21	1400	18	< 5	6	< 10	270	200	89	< 10	15	53	2
POW-96X598	< 1	0.90	< 5	< 10	72	< 1	< 5	0.63	< 1	28	320	13	3.3	1.1	330	< 2	0.02	23	890	17	< 5	4	< 10	80	92	94	< 10	6	61	11
POW-96X599	< 1	0.58	< 5	< 10	46	1	< 5	2.2	< 1	29	380	58	4.6	0.91	840	8	0.03	32	2300	21	< 5	10	< 10	210	180	95	< 10	15	57	4
POW-96X600	< 1	0.64	15	< 10	36	< 1	< 5	2.4	< 1	37	440	48	4.7	1.1	990	16	0.03	42	1600	32	< 5	9	< 10	280	460	120	< 10	11	72	13
POW-96X601	< 1	1.9	< 5	< 10	20	2	< 5	1.9	< 1	35	260	110	5.2	2.0	540	4	0.02	29	2400	12	< 5	9	< 10	190	180	130	< 10	14	150	5
POW-96X602	< 1	1.3	< 5	< 10	51	1	< 5	2.8	< 1	25	170	130	4.9	1.2	730	< 2	0.05	25	3300	8	< 5	11	< 10	340	320	140	< 10	19	67	3
POW-96X603	< 1	2.9	< 5	< 10	190	2	< 5	4.8	< 1	40	280	130	7.0	2.2	950	< 2	<0.01	89	4800	< 1	< 5	18	< 10	570	590	230	< 10	17	140	6
POW-96X604	< 1	1.7	< 5	< 10	440	1	< 5	3.4	< 1	31	340	80	4.9	1.9	780	< 2	0.04	56	2500	< 1	< 5	8	< 10	420	2000	180	< 10	12	95	6
POW-96X605	< 1	0.33	5	< 10	800	< 1	< 5	0.93	< 1	11	260	31	1.5	0.41	340	< 2	0.08	23	940	8	< 5	2	< 10	120	270	58	< 10	3	18	30
POW-96X606	< 1	0.61	< 5	< 10	120	< 1	< 5	2.3	< 1	29	400	13	4.0	0.87	660	10	0.03	43	1600	13	< 5	9	< 10	260	290	160	< 10	11	53	9
POW-96X607	< 1	1.3	< 5	< 10	160	< 1	< 5	4.0	< 1	43	330	71	5.2	1.8	780	< 2	0.02	52	2400	19	< 5	14	< 10	470	540	180	< 10	13	93	6
POW-96X608	< 1	2.1	< 5	< 10	260	2	< 5	8.3	< 1	33	250	37	5.8	2.0	1200	< 2	<0.01	50	1000	< 1	< 5	17	< 10	660	890	300	< 10	14	10	8
POW-96X609	< 1	0.40	5	< 10	200	< 1	10	0.47	< 1	38	1100	14	1.9	0.51	180	38	<0.01	43	660	17	< 5	2	< 10	61	77	55	< 10	2	23	3
POW-96X610	< 1	2.2	< 5	< 10	1500	1	< 5	5.5	< 1	37	250	33	8.0	2.0	1300	< 2	<0.01	42	3800	< 1	5	11	< 10	660	1000	230	< 10	18	110	< 1
POW-96X611	< 1	0.93	< 5	< 10	800	< 1	< 5	4.3	< 1	28	400	20	5.4	1.2	850	< 2	0.03	35	3400	11	< 5	5	< 10	510	1400	200	< 10	20	61	< 1
POW-96X612	< 1	1.2	< 5	< 10	1100	< 1	< 5	5.3	< 1	29	180	22	5.1	1.6	780	< 2	0.04	33	4400	4	< 5	3	< 10	520	780	160	< 10	19	81	< 1
POW-96X613	< 1	1.2	< 5	< 10	140	2	< 5	3.3	< 1	29	190	110	5.2	1.4	830	< 2	0.03	26	2700	27	< 5	7	< 10	260	1400	170	< 10	12	80	4
POW-96X1100	< 1	0.36	5	< 10	81	< 1	5	0.88	< 1	20	710	11	1.4	0.38	200	< 2	<0.01	25	1500	2	< 5	2	< 10	110	97	45	< 10	5	22	4
POW-96X1101	< 1	1.7	20	< 10	210	< 1	< 5	1.7	< 1	32	300	56	5.3	1.6	830	< 2	0.04	46	4100	2	< 5	12	< 10	150	230	170	< 10	18	87	3
POW-96X1102	< 1	0.93	< 5	< 10	140	< 1	< 5	3.1	< 1	31	270	90	4.4	1.3	980	< 2	<0.01	44	3200	9	< 5	14	< 10	230	150	93	< 10	15	58	5
POW-96X1103	< 1	1.5	< 5	< 10	95	< 1	< 5	5.9	< 1	40	200	190	7.0	2.0	1300	< 2	<0.01	61	5400	16	< 5	24	< 10	410	190	200	< 10	23	87	6
POW-96X1104	< 1	0.85	10	< 10	290	2	< 5	5.7	< 1	37	300	28	4.9	2.0	1100	< 2	0.02	48	3200	75	< 5	18	< 10	660	880	250	< 10	16	81	11
POW-96X1105	< 1	0.59	5	< 10	160	< 1	< 5	4.4	< 1	41	370	26	4.6	1.6	990	< 2	0.02	44	2400	43	< 5	17	< 10	550	580	280	< 10	16	75	10
POW-96X1106	< 1	0.35	< 5	< 10	140	< 1	< 5	2.2	< 1	25	360	23	4.0	0.70	700	< 2	0.03	46	3600	56	< 5	13	< 10	280	400	190	< 10	18	49	4
POW-96X1107	< 1	1.7	< 5	< 10	280	2	< 5	6.3	< 1	30	370	73	5.8	1.9	1100	< 2	<0.01	50	3400	< 1	< 5	6	< 10	670	1300	230	< 10	11	100	< 1

A 15 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

SIGNED :

TSL/96

TSL/ASSAY Laboratories
1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A6
PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO CORPORATION
ATTN: A. FABER
PROJ:

6W-2713-RG1

REPORT No. : M7821
Page No. : 1 of 2
File No. : AU02MA
Date : AUG-07-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-1108	< 1	1.1	< 5	< 10	58	< 1	< 5	0.91	< 1	25	370	6	2.9	1.2	240	< 2	0.04	35	1400	27	< 5	4	< 10	72	120	52	< 10	11	51	3
POW96X-1109	< 1	0.45	5	< 10	64	< 1	5	0.25	< 1	36	690	17	1.8	0.62	250	2	0.01	35	180	12	< 5	4	< 10	32	510	77	< 10	3	26	7
POW96X-1110	< 1	1.9	10	< 10	47	< 1	< 5	0.88	< 1	34	450	59	4.6	2.0	820	< 2	0.03	64	220	17	< 5	19	< 10	37	2400	200	< 10	10	84	16
POW96X-1111	< 1	1.4	< 5	< 10	69	< 1	< 5	0.75	< 1	32	290	60	5.6	1.7	770	4	0.11	69	310	24	< 5	9	< 10	24	3300	180	< 10	12	68	10
POW96X-1112	< 1	1.6	< 5	< 10	79	< 1	< 5	1.5	< 1	33	190	85	4.4	1.7	810	2	0.12	73	290	9	< 5	8	< 10	92	2900	140	< 10	9	68	6
POW96X-1113	< 1	1.4	< 5	< 10	95	< 1	< 5	1.3	< 1	27	160	83	3.9	1.6	730	2	0.13	59	290	7	< 5	9	< 10	97	2900	150	< 10	10	59	7
POW96X-1114	< 1	0.94	< 5	< 10	69	< 1	< 5	0.79	< 1	28	100	64	4.4	1.0	380	2	0.10	36	340	5	< 5	7	< 10	68	2000	120	< 10	9	42	5
POW96X-1115	< 1	1.2	10	< 10	62	< 1	< 5	2.0	< 1	30	230	140	4.0	1.1	670	2	0.14	60	290	4	< 5	10	< 10	96	2700	150	< 10	9	47	8
POW96X-1116	< 1	3.5	< 5	< 10	32	< 1	< 5	3.5	< 1	40	90	17	6.4	2.3	620	2	0.03	80	4300	8	< 5	23	< 10	130	190	180	< 10	16	130	14
POW96X-1117	< 1	1.8	20	< 10	13	< 1	< 5	0.82	< 1	28	160	83	3.7	1.8	470	2	0.09	87	470	7	< 5	6	< 10	25	1700	83	< 10	9	74	4
POW96X-1118	< 1	1.6	< 5	< 10	4	< 1	< 5	1.0	< 1	30	170	150	6.2	1.6	560	40	0.10	29	710	4	< 5	8	< 10	15	3000	140	< 10	16	88	5
POW96X-1119	< 1	1.2	< 5	< 10	10	< 1	< 5	1.0	< 1	33	250	130	5.8	0.82	440	16	0.09	25	970	3	< 5	9	< 10	27	2700	67	< 10	18	87	6
POW96X-1120	< 1	1.5	10	< 10	16	< 1	< 5	1.6	< 1	35	230	110	4.6	1.1	700	6	0.18	38	730	7	< 5	11	< 10	28	3100	100	< 10	21	77	9
POW96X-790	< 1	2.9	< 5	< 10	41	< 1	< 5	1.1	< 1	31	300	43	4.2	2.0	620	2	0.10	130	650	4	< 5	10	< 10	57	2200	83	< 10	9	87	11
POW96X-791	< 1	2.4	10	< 10	54	< 1	< 5	3.0	< 1	33	320	53	4.0	1.8	630	< 2	0.05	120	610	5	< 5	4	< 10	56	170	41	< 10	5	70	4
POW96X-792	< 1	1.4	< 5	< 10	20	< 1	< 5	2.8	< 1	36	190	190	4.2	1.9	1100	28	0.05	130	550	2	< 5	10	< 10	54	56	31	< 10	7	57	15
POW96C-2001	< 1	1.9	< 5	< 10	180	< 1	< 5	4.1	< 1	27	270	42	4.4	2.0	810	2	0.02	34	1900	6	< 5	14	< 10	390	350	150	< 10	16	84	5
POW96C-2002	< 1	2.2	5	< 10	150	< 1	< 5	0.83	< 1	33	490	8	4.0	2.2	340	2	0.04	120	1900	12	< 5	9	< 10	91	150	100	< 10	12	99	4
POW96C-2003	< 1	1.8	10	< 10	150	< 1	< 5	1.2	< 1	45	420	20	3.6	2.0	420	4	0.04	64	1500	19	< 5	8	< 10	140	250	100	< 10	7	85	6
POW96C-2004	< 1	2.7	< 5	< 10	250	1	< 5	4.1	< 1	45	390	42	6.5	2.2	1300	4	0.02	53	4600	8	< 5	18	< 10	510	750	250	< 10	18	120	14
POW96C-2005	< 1	2.0	10	< 10	180	1	< 5	5.1	< 1	34	210	46	5.4	2.0	970	< 2	0.03	40	3400	18	< 5	15	< 10	630	1800	240	< 10	16	94	13
POW96C-2006	< 1	1.6	< 5	< 10	140	< 1	< 5	4.3	< 1	27	180	62	4.2	1.6	770	< 2	0.02	29	1900	8	< 5	12	< 10	510	280	140	< 10	14	81	5
POW96C-2007	< 1	1.5	10	< 10	96	1	< 5	5.1	< 1	27	240	68	4.8	1.8	910	< 2	0.06	42	2700	8	< 5	14	< 10	640	590	180	< 10	16	72	7
POW96C-2008	< 1	1.5	5	< 10	120	< 1	< 5	0.92	< 1	37	360	77	4.0	1.8	280	4	0.05	44	2000	10	< 5	11	< 10	130	250	160	< 10	13	68	7
POW96C-2009	< 1	1.8	< 5	< 10	110	< 1	< 5	0.80	< 1	23	340	120	3.7	1.9	370	4	0.04	41	2000	12	< 5	13	< 10	110	200	170	< 10	14	88	6
POW96C-2010	< 1	2.5	10	< 10	340	< 1	< 5	4.1	< 1	40	290	62	5.3	2.2	840	< 2	0.02	92	3400	5	< 5	12	< 10	430	770	170	< 10	14	100	5
POW96C-2011	< 1	1.9	10	< 10	800	< 1	< 5	7.4	< 1	46	200	82	6.7	2.1	1400	< 2	0.01	44	4700	4	< 5	19	< 10	640	1200	240	< 10	16	90	9
POW96C-2012	< 1	2.0	< 5	< 10	830	< 1	< 5	7.7	< 1	53	230	65	7.7	2.1	1600	4	0.01	46	5800	1	< 5	20	< 10	740	1200	290	< 10	19	97	6
POW96C-2014	< 1	1.3	5	< 10	290	< 1	< 5	3.4	< 1	21	190	42	4.3	1.7	890	< 2	0.02	25	2400	16	< 5	9	< 10	460	330	180	< 10	19	87	3
POW96C-2015	< 1	1.1	< 5	< 10	510	< 1	< 5	3.4	< 1	23	190	16	4.0	1.6	770	2	0.03	25	2300	10	< 5	8	< 10	500	430	190	< 10	16	79	2
POW96C-2016	< 1	1.5	< 5	< 10	270	1	< 5	2.8	< 1	23	190	83	4.5	1.7	730	2	0.03	28	2400	10	< 5	10	< 10	430	300	140	< 10	19	91	4
POW96C-2017	< 1	0.97	< 5	< 10	130	< 1	< 5	2.4	< 1	28	250	50	3.7	1.3	620	8	0.05	25	1700	15	< 5	8	< 10	340	180	91	< 10	13	58	7
POW96C-2018	< 1	0.96	< 5	< 10	490	< 1	< 5	3.0	< 1	20	190	67	4.1	1.4	730	< 2	0.03	25	2100	18	< 5	8	< 10	470	280	140	< 10	16	67	1
POW96C-2019	< 1	0.64	10	< 10	1200	< 1	< 5	2.1	< 1	28	280	58	3.6	0.84	650	< 2	0.05	25	1900	63	< 5	7	< 10	430	420	140	< 10	15	56	4
POW96C-2020	< 1	0.85	10	< 10	700	< 1	< 5	2.3	< 1	22	210	54	5.0	1.5	800	< 2	0.03	29	2300	41	< 5	8	< 10	440	630	160	< 10	13	79	8

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

SIGNED :

TSL/96

P.1

AUG 07 '96 14:07 TSL-ASSAYLAB

TSL/ASSAYERS Laboratories
1270 FEWSTER DRIVE, UNIT .ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO CC ORATION
ATTN: A. FABER
PROJ:

6W-2713-RG1

REPORT No. : M7821
Page No. : 2 of 2
File No. : AU02MA
Date : AUG-07-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96C-2021	< 1	0.70	5	< 10	270	< 1	< 5	2.0	< 1	63	200	230	3.9	1.0	780	< 2	0.02	27	2000	5	< 5	7	< 10	390	560	140	< 10	11	140	4
POW96C-2022	< 1	1.0	20	< 10	530	< 1	< 5	2.5	< 1	24	210	53	5.2	1.6	810	< 2	0.03	32	2600	13	< 5	8	< 10	420	890	170	< 10	14	91	8
POW96C-2023	< 1	1.1	< 5	< 10	220	< 1	< 5	3.0	< 1	30	260	97	5.2	1.6	1000	4	0.04	32	2600	12	< 5	10	< 10	410	400	160	< 10	17	100	6
POW96C-2024	< 1	1.2	< 5	< 10	100	< 1	< 5	2.7	< 1	41	270	62	5.2	1.7	950	8	0.04	35	2500	12	< 5	9	< 10	370	380	150	< 10	15	110	8
POW96C-2025	< 1	1.2	< 5	< 10	160	< 1	< 5	2.6	< 1	38	250	62	5.4	1.7	1100	8	0.03	36	2900	13	< 5	10	< 10	420	380	160	< 10	16	100	2
POW96C-2026	< 1	1.7	10	< 10	21	< 1	< 5	0.24	< 1	42	240	26	3.9	1.8	390	4	0.05	82	720	24	< 5	9	< 10	16	45	96	< 10	6	61	11
POW96C-2025A	< 1	1.8	< 5	< 10	19	< 1	< 5	0.89	< 1	28	170	6	3.7	1.8	340	4	0.05	76	670	< 1	< 5	7	< 10	31	73	90	< 10	7	73	13
POW96C-2028	< 1	1.2	< 5	< 10	100	< 1	< 5	3.7	< 1	25	230	50	4.0	1.6	790	2	0.03	36	2400	18	< 5	11	< 10	300	450	150	< 10	15	54	6
POW96C-2029	< 1	3.2	10	< 10	98	< 1	< 5	0.69	< 1	66	480	170	6.5	2.2	1100	16	<0.01	250	2400	36	< 5	16	< 10	83	160	200	< 10	14	100	13
POW96C-2030	< 1	1.6	< 5	< 10	60	< 1	< 5	1.2	< 1	27	190	70	3.8	1.7	640	46	0.02	88	1900	30	< 5	11	< 10	110	140	91	< 10	11	58	13
POW96C-2032	< 1	1.7	10	< 10	58	1	< 5	0.30	< 1	23	95	82	3.1	1.6	360	4	0.04	74	540	7	< 5	8	< 10	24	69	66	< 10	9	47	10
POW96C-2033	< 1	1.9	< 5	< 10	54	1	< 5	0.14	< 1	23	93	80	3.3	1.7	300	4	0.03	64	540	16	< 5	7	< 10	12	53	67	< 10	8	58	10
POW96C-2034	< 1	1.3	< 5	< 10	130	1	< 5	1.6	< 1	19	98	96	3.7	1.7	710	< 2	0.04	27	2300	7	< 5	10	< 10	150	350	100	< 10	15	61	3
POW96C-2035	< 1	1.2	< 5	< 10	250	1	< 5	2.6	< 1	19	91	48	3.7	1.6	760	< 2	0.04	25	2200	14	< 5	9	< 10	200	750	92	< 10	16	62	4
POW96C-2036	< 1	1.1	5	< 10	23	1	< 5	3.5	< 1	33	140	64	4.1	1.6	830	2	0.02	30	2300	11	< 5	12	< 10	290	500	120	< 10	15	60	12
POW96C-2037	< 1	1.1	5	< 10	220	< 1	< 5	3.5	< 1	23	160	31	4.2	1.7	760	< 2	0.01	36	2600	15	< 5	12	< 10	380	1000	220	< 10	15	68	10
POW96C-2038	< 1	1.7	< 5	< 10	120	< 1	< 5	4.3	< 1	36	200	60	5.2	1.9	960	< 2	<0.01	48	3800	45	< 5	16	< 10	470	1200	240	< 10	17	110	11
POW96C-2039	< 1	1.4	10	< 10	80	< 1	< 5	3.3	< 1	26	160	32	4.2	1.8	680	< 2	0.02	35	3100	16	< 5	11	< 10	370	950	190	< 10	15	88	8
POW96C-2010 A	< 1	3.0	< 5	< 10	110	< 1	< 5	1.3	< 1	37	200	34	5.4	2.2	770	< 2	<0.01	96	3600	2	< 5	14	< 10	170	270	160	< 10	17	110	6
POW96C-2028 A	< 1	1.9	5	< 10	91	2	< 5	1.2	< 1	28	160	87	4.5	1.9	920	6	0.02	61	2600	32	< 5	15	< 10	100	210	120	< 10	17	67	10

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

TSL/96

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

CAMECO CO.. ORATION
ATTN: P. CHUBB
PROJ: POW

6W-3210-RG1

REPORT No. : M7945
Page No. : 1 of 2
File No. : AU29MA
Date : AUG-30-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96C-2400	< 1	1.7	10	< 10	16	< 1	< 5	3.1	< 1	29	200	13	3.3	2.1	630	< 2	0.04	110	630	< 1	< 5	11	< 10	120	13	37	< 10	5	62	12
POW96C-2401	< 1	1.4	< 5	< 10	18	< 1	< 5	5.1	< 1	26	140	27	3.8	2.2	1100	< 2	0.07	130	1200	< 1	< 5	11	< 10	210	21	25	< 10	7	62	9
POW96C-2402	< 1	1.2	< 5	< 10	8	< 1	< 5	6.6	< 1	23	96	10	3.6	2.3	1400	< 2	0.03	140	900	8	< 5	11	< 10	220	6	8	< 10	8	60	6
POW96C-2403	< 1	2.5	5	< 10	9	< 1	< 5	9.0	< 1	46	240	5	6.1	2.6	1400	< 2	0.01	310	820	< 1	< 5	13	< 10	440	17	25	< 10	10	120	9
POW96C-2404	< 1	1.1	< 5	< 10	23	< 1	< 5	4.0	< 1	26	190	130	3.2	1.9	1400	< 2	0.05	120	530	< 1	< 5	7	< 10	79	10	14	< 10	6	39	10
POW96X-1400	< 1	2.1	10	< 10	17	< 1	< 5	2.1	< 1	29	220	15	4.3	2.1	780	< 2	0.08	140	470	< 1	< 5	11	< 10	50	52	57	< 10	4	70	17
POW96X-1401	< 1	2.8	< 5	< 10	26	< 1	< 5	1.7	< 1	29	230	20	4.2	2.2	750	< 2	0.03	130	610	< 1	< 5	6	< 10	21	36	39	< 10	3	85	7
POW96X-1402	< 1	2.8	< 5	< 10	36	< 1	< 5	1.1	< 1	32	250	6	4.5	2.1	690	< 2	0.03	160	630	< 1	< 5	5	< 10	18	31	42	< 10	4	89	12
POW96X-1403	< 1	2.5	10	< 10	26	< 1	< 5	1.9	< 1	32	210	9	4.7	2.1	850	< 2	0.02	140	580	< 1	< 5	6	< 10	41	22	39	< 10	6	91	13
POW96X-1404	< 1	3.0	< 5	< 10	28	< 1	< 5	1.4	< 1	30	270	5	4.5	2.1	830	< 2	0.02	140	600	< 1	< 5	5	< 10	19	37	31	< 10	6	99	9
POW96X-1405	< 1	2.8	10	< 10	26	< 1	< 5	1.3	< 1	27	230	10	4.3	2.0	1000	< 2	0.01	130	550	< 1	< 5	4	< 10	14	26	30	< 10	5	100	10
POW96X-1406	< 1	2.2	< 5	< 10	24	< 1	< 5	2.6	< 1	36	270	11	4.4	2.0	1500	< 2	0.03	130	610	< 1	< 5	6	< 10	33	23	29	< 10	4	78	12
POW96X-1407	< 1	2.9	< 5	< 10	24	< 1	< 5	1.9	< 1	23	260	3	4.2	2.1	600	< 2	0.03	130	560	< 1	< 5	7	< 10	21	37	42	< 10	3	97	12
POW96X-1408	< 1	1.7	< 5	< 10	9	< 1	< 5	3.5	< 1	19	170	41	4.3	2.0	1000	< 2	0.07	140	640	< 1	< 5	10	< 10	43	33	50	< 10	4	61	16
POW96X-1409	< 1	2.0	10	< 10	23	< 1	< 5	3.2	< 1	25	150	85	5.1	2.0	950	< 2	0.04	150	680	< 1	< 5	9	< 10	73	31	39	< 10	5	75	13
POW96X-1410	< 1	1.1	< 5	< 10	25	< 1	< 5	3.5	< 1	22	150	130	4.0	1.9	890	< 2	0.07	120	760	< 1	< 5	12	< 10	100	34	41	< 10	8	46	11
POW96X-1411	< 1	1.7	30	< 10	10	< 1	< 5	2.5	< 1	24	190	120	4.2	2.0	750	< 2	0.06	120	650	< 1	< 5	11	< 10	43	23	49	< 10	5	62	16
POW96X-1412	< 1	1.3	< 5	< 10	20	< 1	< 5	2.2	< 1	43	180	110	4.5	1.7	840	< 2	0.06	140	650	< 1	< 5	12	< 10	54	14	38	< 10	10	52	20
POW96X-1413	< 1	1.5	< 5	< 10	15	< 1	< 5	2.0	< 1	27	180	36	4.7	1.8	720	< 2	0.05	130	670	< 1	< 5	13	< 10	53	19	60	< 10	7	58	20
POW96X-1414	< 1	1.1	15	< 10	19	< 1	< 5	3.8	< 1	25	180	100	3.5	2.1	850	< 2	0.06	120	630	< 1	< 5	14	< 10	120	23	42	< 10	8	47	17
POW96X-1415	< 1	1.6	40	< 10	31	< 1	< 5	3.4	< 1	31	110	120	4.0	1.9	820	< 2	0.05	160	560	< 1	< 5	7	< 10	80	12	15	< 10	6	62	11
POW96X-1416	< 1	1.1	< 5	< 10	20	< 1	< 5	13	< 1	39	580	8	4.1	2.8	1100	< 2	<0.01	740	240	2	20	10	< 10	910	33	16	< 10	10	64	6
POW96X-1417	< 1	3.5	< 5	< 10	36	< 1	< 5	8.2	< 1	72	2700	2	5.3	2.9	850	< 2	<0.01	970	630	< 1	30	11	< 10	630	22	55	< 10	7	55	4
POW96X-1418	< 1	2.1	50	< 10	39	< 1	< 5	1.5	< 1	35	310	85	4.5	1.9	1000	< 2	0.03	180	600	< 1	< 5	5	< 10	26	15	22	< 10	6	56	9
POW96X-1419	< 1	1.8	< 5	< 10	29	< 1	< 5	9.0	< 1	33	420	8	3.5	2.6	840	< 2	0.01	200	840	< 1	< 5	10	< 10	660	5	33	< 10	8	60	8
POW96X-1420	< 1	2.3	10	< 10	33	< 1	< 5	2.9	< 1	28	240	3	4.2	2.2	1100	< 2	0.01	130	550	< 1	< 5	5	< 10	62	15	23	< 10	3	89	6
POW96X-1421	< 1	3.3	15	< 10	22	< 1	< 5	0.89	< 1	33	300	6	4.4	2.2	380	< 2	0.04	130	730	< 1	< 5	5	< 10	26	19	40	< 10	4	78	8
POW96X-5001	25	0.61	450	< 10	6	< 1	< 5	0.11	< 1	47	360	470	6.1	0.37	76	4	0.01	88	290	73	< 5	< 1	< 10	6	9	12	< 10	1	33	13
POW96X-5002	1	1.6	70	< 10	200	< 1	< 5	0.37	< 1	17	170	75	2.9	1.1	200	< 2	0.02	68	580	3	< 5	1	< 10	9	17	17	< 10	2	42	7
POW96X-5003	2	0.52	160	< 10	62	< 1	< 5	1.2	< 1	11	230	19	1.8	1.1	170	4	<0.01	47	340	15	< 5	2	< 10	61	8	14	< 10	2	17	8
POW96X-5004	< 1	1.5	5	< 10	21	< 1	< 5	1.5	< 1	23	300	33	3.4	1.1	420	< 2	0.06	30	340	< 1	< 5	3	< 10	18	11	25	< 10	5	120	16
POW96X-5005	< 1	0.70	50	< 10	31	< 1	< 5	2.2	< 1	30	290	300	2.8	0.93	720	< 2	0.07	43	340	6	< 5	2	< 10	24	6	8	< 10	5	83	14
POW96X-5006	< 1	1.6	< 5	< 10	41	< 1	< 5	1.4	< 1	14	190	36	3.4	1.3	390	< 2	0.04	30	410	< 1	< 5	2	< 10	19	14	18	< 10	4	83	11
POW96X-5007	< 1	0.38	30	< 10	37	< 1	< 5	0.17	< 1	12	220	9	2.2	0.13	110	< 2	0.04	27	190	9	< 5	< 1	< 10	12	4	4	< 10	4	22	23
POW96X-5008	< 1	1.6	15	< 10	58	< 1	< 5	0.91	< 1	17	170	18	3.2	1.1	290	< 2	0.04	25	420	< 1	< 5	2	< 10	18	16	18	< 10	3	63	11

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO CORPORATION
ATTN: P. CHUBB
PROJ: POW

6W-3210-RG1

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

REPORT No. : M7945
Page No. : 2 of 2
File No. : AU29MA
Date : AUG-30-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-5500	< 1	2.0	< 5	< 10	67	< 1	< 5	3.3	< 1	23	250	3	3.3	1.7	760	< 2	0.02	120	420	< 1	< 5	3	< 10	39	11	17	< 10	5	77	12
POW96X-5501	< 1	0.53	25	< 10	34	< 1	< 5	2.5	< 1	25	260	330	3.0	0.89	930	< 2	0.04	40	390	5	< 5	2	< 10	23	2	6	< 10	5	220	9
POW96X-5502	< 1	2.6	45	< 10	18	< 1	< 5	1.6	< 1	26	230	61	4.4	2.0	520	< 2	0.04	110	450	< 1	< 5	7	< 10	23	19	42	< 10	3	220	9
POW96X-5503	< 1	2.2	< 5	< 10	21	< 1	< 5	1.6	< 1	18	170	4	4.2	1.9	570	< 2	0.04	98	480	< 1	< 5	4	< 10	34	25	30	< 10	3	180	17
POW96X-5504	< 1	1.7	15	< 10	50	< 1	< 5	0.64	< 1	21	210	6	3.0	1.5	480	6	0.03	110	510	< 1	< 5	2	< 10	15	15	19	< 10	5	110	6
POW96X-5505	< 1	1.8	10	< 10	58	< 1	< 5	0.48	< 1	32	170	65	4.0	1.1	340	< 2	0.07	30	570	< 1	< 5	3	< 10	16	13	32	< 10	3	170	12
POW96X-5506	< 1	1.8	< 5	< 10	68	< 1	< 5	0.85	< 1	26	100	12	4.5	1.3	1000	< 2	0.05	71	490	< 1	< 5	5	< 10	14	15	30	< 10	3	260	13
POW96X-5507	< 1	1.5	< 5	< 10	79	< 1	< 5	1.4	< 1	36	170	47	3.5	0.94	650	< 2	0.08	23	560	< 1	< 5	3	< 10	22	24	27	< 10	4	160	14
POW96X-5508	< 1	1.2	65	< 10	51	< 1	< 5	1.7	< 1	23	150	190	3.7	1.3	710	< 2	0.08	84	390	< 1	< 5	4	< 10	29	12	27	< 10	3	130	16
POW96X-5509	< 1	0.83	20	< 10	49	< 1	< 5	1.7	< 1	13	160	27	2.5	1.2	680	< 2	0.05	37	420	< 1	< 5	2	< 10	29	10	12	< 10	3	66	10
POW96X-5510	< 1	1.7	< 5	< 10	45	< 1	< 5	2.9	< 1	18	220	12	3.1	2.0	820	< 2	0.05	110	330	< 1	< 5	4	< 10	56	7	19	< 10	5	130	15
POW96X-5518	< 1	1.2	10	< 10	52	< 1	< 5	2.9	< 1	20	220	7	3.2	1.6	900	< 2	0.05	65	450	< 1	< 5	4	< 10	32	15	19	< 10	4	56	7
POW96X-5519	< 1	0.66	< 5	< 10	5	< 1	< 5	8.2	< 1	65	1400	45	6.4	3.0	1300	< 2	0.01	840	10	< 1	5	18	< 10	160	3	60	< 10	3	60	2
POW96X-5520	< 1	2.0	< 5	< 10	29	< 1	< 5	2.7	< 1	34	300	29	3.6	2.1	820	< 2	0.01	190	370	< 1	< 5	4	< 10	41	15	14	< 10	4	90	8

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

TSL/9

TSL/ASSAYERS Laboratories
1270 FEWSTER DRIVE, UNIT . MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO CO..PORATION
ATTN: A. FABER
PROJ:

6W-2712-RG1

REPORT No. : M781U
Page No. : 1 of 1
File No. : AU01MA
Date : AUG-02-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn	Zr
	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
POW96C-2050	< 1	1.7	< 5	< 10	26	< 1	< 5	0.79	< 1	34	91	56	3.5	1.1	800	< 2	0.03	120	650	< 1	< 5	5	< 10	18	83	36	< 10	5	72	7
POW96C-2051	< 1	2.0	< 5	< 10	25	< 1	< 5	1.2	< 1	40	110	48	4.3	1.4	1200	8	0.05	120	670	< 1	< 5	8	< 10	24	96	50	< 10	6	86	14
POW96C-2052	< 1	2.0	< 5	< 10	51	< 1	< 5	0.39	< 1	35	80	83	3.9	1.2	2600	< 2	0.03	130	640	9	< 5	5	< 10	11	26	29	< 10	6	81	7
POW96C-2053	< 1	2.3	< 5	< 10	29	< 1	< 5	2.0	< 1	30	94	41	4.1	1.9	900	< 2	0.02	120	630	< 1	< 5	4	< 10	40	21	19	< 10	4	92	7
POW96C-2054	< 1	1.9	< 5	< 10	34	< 1	< 5	2.2	< 1	31	98	63	3.9	1.9	820	< 2	0.04	120	590	< 1	< 5	6	< 10	46	45	24	< 10	4	83	10
POW96C-2055	< 1	0.97	< 5	< 10	16	< 1	< 5	2.8	< 1	26	97	28	3.6	1.4	810	4	0.06	120	470	< 1	< 5	9	< 10	70	140	38	< 10	4	57	13
POW96C-2056	< 1	0.76	< 5	< 10	9	< 1	< 5	4.1	< 1	29	92	42	3.7	1.9	980	46	0.05	130	390	1	< 5	9	< 10	98	55	20	< 10	5	63	16
POW96C-2057	< 1	1.1	5	< 10	16	< 1	< 5	2.7	< 1	25	110	33	3.5	1.4	900	< 2	0.05	120	400	< 1	< 5	7	< 10	57	64	30	< 10	5	64	14
POW96C-2058	< 1	1.5	< 5	< 10	11	< 1	< 5	3.4	< 1	28	120	29	3.9	2.0	900	< 2	0.05	120	460	< 1	< 5	8	< 10	89	97	37	< 10	5	83	9
POW96C-2059	< 1	1.8	< 5	< 10	18	< 1	< 5	2.3	< 1	27	160	91	3.8	2.0	830	< 2	0.06	130	420	< 1	< 5	11	< 10	53	67	63	< 10	3	100	14
POW96C-2060	< 1	2.1	< 5	< 10	27	< 1	< 5	2.2	< 1	29	130	33	3.6	2.0	840	< 2	0.02	130	540	< 1	< 5	4	< 10	30	18	29	< 10	3	77	6
POW96C-2061	< 1	2.9	10	< 10	39	< 1	< 5	1.5	< 1	28	150	7	3.8	2.1	1500	< 2	0.04	140	590	< 1	< 5	8	< 10	17	24	54	< 10	6	100	13
POW96C-2062	< 1	1.7	< 5	< 10	46	< 1	< 5	1.4	< 1	38	88	47	4.7	1.4	1300	2	0.03	150	610	< 1	< 5	7	< 10	28	25	27	< 10	6	81	15
POW96C-2063	< 1	1.0	5	< 10	20	< 1	< 5	2.7	< 1	24	89	47	3.2	1.4	890	34	0.05	110	450	< 1	< 5	8	< 10	58	29	27	< 10	4	59	12
POW96C-2064	< 1	0.61	< 5	< 10	15	< 1	< 5	3.6	< 1	29	85	84	3.4	1.4	1200	16	0.07	100	490	3	< 5	9	< 10	74	34	14	< 10	4	51	13
POW96C-2065	< 1	1.9	< 5	< 10	24	< 1	< 5	2.7	< 1	29	110	130	3.8	1.9	1100	14	0.04	120	540	< 1	< 5	7	< 10	53	57	33	< 10	4	78	11
POW96C-2066	< 1	3.1	< 5	< 10	21	< 1	< 5	1.2	< 1	26	110	160	4.0	2.1	440	< 2	0.02	98	620	< 1	< 5	3	< 10	23	40	40	< 10	2	98	6
POW96C-2067	< 1	1.5	5	< 10	12	< 1	< 5	2.5	< 1	29	93	83	4.0	1.6	860	6	0.04	110	500	< 1	< 5	6	< 10	56	63	33	< 10	4	71	12
POW96C-2068	< 1	0.35	< 5	< 10	24	< 1	< 5	3.8	< 1	27	72	19	3.4	1.6	1400	38	0.06	120	260	< 1	< 5	8	< 10	99	27	11	< 10	4	42	14

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

APPENDIX B

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:
PROJ:

6W-2831-RA1

REPORT No. : M7847
Page No. : 1 of 1
File No. : AU08RA
Date : AUG-09-1996

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

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 %
POW96X-593	34.21	6.28	6.16	17.34	9.43	0.29	1.62	0.30	0.24	0.04	210	520	20	4	17	2	45	1595	20	560	155	50	< 30	<0.05	24.64	%100.54
POW96X-1121	63.35	11.48	9.49	3.46	2.61	4.86	0.50	1.11	0.11	0.26	100	150	320	102	25	1	15	680	45	55	145	60	< 30	<0.05	0.94	98.17
POW96X-1122	54.56	11.59	15.92	8.11	2.61	3.15	0.62	1.69	0.24	0.42	90	190	170	64	35	< 1	40	875	45	20	100	125	< 30	<0.05	0.68	99.59
POW96X-1124	49.98	14.21	14.38	6.74	6.39	4.11	1.32	1.17	0.27	0.14	960	250	70	28	46	< 1	50	215	60	70	340	75	< 30	<0.05	1.33	%100.04
POW96X-1125	49.56	14.71	11.85	6.32	6.49	3.63	2.16	1.20	0.21	0.20	190	280	90	34	32	< 1	35	295	50	100	170	90	< 30	<0.05	2.00	98.34

SIGNED :

TSL/96

TSL/ASSAYERS Laboratories
1270 FEWSTER DRIVE, UNIT ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO CC ORATION
ATTN: M. KOZIOL & P. CHUBB
PROJ: POW

6W-2442-RG1

REPORT No. : M771_J
Page No. : 1 of 1
File No. : JL12RA
Date : JUL-15-1996

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

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 %
POW96X-560	50.26	15.18	12.85	6.26	6.58	2.84	2.06	1.18	0.20	0.22	230	250	100	36	30	< 1	20	315	25	50	165	80	< 30	<0.05	2.27	99.91
POW96X-700	49.06	5.60	13.65	11.69	9.51	3.25	1.92	1.33	0.26	1.22	580	390	80	38	42	4	20	255	70	20	340	65	< 30	<0.05	3.20	%100.69

SIGNED :

TSL/96

TSL/ASSAYERS Laboratories
1270 FEWSTER DRIVE, UNIT . SSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO CO. ORATION
ATTN: A. FABER
PROJ:

6W-1939-RA1

REPORT No. : M756.
Page No. : 1 of 1
File No. : JN06RA
Date : JUN-06-1996

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	TiO2	MnO	P2O5	Ba	Sr	Zr	Y	Sc	Be	Co	Cr	Cu	Ni	V	Zn	Nb	Rb	LOI	TOTAL
	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
POW96X-1016	40.95	5.84	15.52	12.17	11.65	1.19	3.18	1.54	0.22	1.12	2100	690	60	28	42	2	55	225	60	75	350	150	< 30	<0.05	4.41	97.81
POW96X-1023	51.13	13.88	14.36	6.98	6.50	3.05	0.82	1.52	0.19	0.32	270	190	100	46	37	< 1	35	335	25	55	200	60	< 30	<0.05	1.85	%100.59
POW96X-1027	50.74	13.99	13.89	6.28	6.75	2.98	0.98	1.45	0.19	0.26	110	140	100	46	36	< 1	30	340	30	50	175	55	< 30	<0.05	2.12	99.63

SIGNED :

TSL/96

APPENDIX C

Overburden Drilling Management- Laboratory Sample Logs

and Geochemical Analysis Certificates

for -150 Mesh Split (ACME Analytical)

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771/1774
FAX NO: (613) 226-8753

D A T A T R A N S M I T T A L R E P O R T

DATE: 14-Aug-96

ATTENTION: Mr. Mike Koziol

CLIENT: CAMECO CORPORATION
1349 Kelly Lake Road
Unit #6
Sudbury, Ont.
P3E 5P5

FAX: (705) 523-4571

NO. OF PAGES: _____

PROJECT: POW96T 01 to 06

FILE NO: CAMECO\CAMK1AUG.WR2

NO. OF SAMPLES: 6

NO. OF PANNINGS: 2

H.M.C.	____	
3/4 H	____	
-63 MICRON	✓	SENT TO ACME ANALYTICAL LAB.
-125 MICRON	____	
_____	____	

REMARKS: _____

Remy Huneault
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

DATA LOG

Clast:

Size of Clast:
- G: Granules
- P: Pebbles
- C: Cobbles
- BL: Boulder Chips
- BK: Bedrock Chips

% Clast Composition:
- V/S: Volcanics and Sediments
- GR: Granitics
- LS: Limestone
- OT: Other Lithologies (Refer to Footnotes)
- TR: Only Trace Present
- NA: NOT APPLICABLE
- OX: Oxidized

Class:
- BLD: Boulder Chips
- BDK: Bedrock Chips

Matrix:
- S/U: Sorted or Unsorted
- SD: Sand
- ST: Silt
- CY: Clay
- OR: Organics

(SD, ST, CY)
- F: Fine
- M: Medium
- C: Coarse

- Y: Fraction Present
- +: Fraction more abundant than normal
- -: Fraction less abundant than normal
- N: Fraction Not Present
- L: Lumps Present

Colour:

B:	Beige	PP:	Purple
GY:	Grey	PK:	Pink
GB:	Grey Beige	OC:	Ochre
GN:	Green		
GG:	Grey Green	L:	Light
BN:	Brown	M:	Medium
BK:	Black	D:	Dark

GOLD LOG

Number of Grains:
- T: Number Found on Shaking Table
- P: Number Found by Panning

Thickness:
- C: Calculated Thickness of Grain (in microns)
- M: Actual Measured Thickness of Grain (in microns)

Remarks:

%	Percentage of HMC (estimated from panning of table concentrate)
gr.	Grains (estimated number)
uM	Microns (1/1000 mm)
py.	Pyrite
cpy.	Chalcopyrite
aspy.	Arsenopyrite
marc.	Marcasite
L/G.	Limonite/Goethite
sid.	Siderite

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

C:\MECO\CAMK1AUG.WK2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
POW96T									
01	3	2	1	0	4.8	27	22	5	0
02	5	5	0	0	5.5	5115	5115	0	0
03	8	3	2	3	11.7	74	25	22	25
04	8	5	3	0	4.6	162	85	77	0
05	14	12	2	0	13.3	511	508	3	0
06	1	1	0	0	37.7	5	5	0	0

CAMECO\CAMK1AUG.WK2 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 6

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET) TABLE SPLIT	+2 mm CHIPS	TABLE FEED	WEIGHT (GRAMS DRY) TABLE CONC	M.I. LIGHTS	M.I. CONC. TOTAL	M.I. CONC. NON MAG	M.I. CONC. MAG	CLAST SIZE	CLAST % V/S	CLAST % GR	CLAST % LS	CLAST % OT	MATRIX B/U	MATRIX BD	MATRIX ST	MATRIX CY	MATRIX COLOUR BD	MATRIX COLOUR CY	MATRIX OR	CLASS
POW96T																					
01	7.5	1.5	6.0	191.3	183.5	7.8	4.8	3.0	P	15	85	0	NA	U	Y	Y	+	LOC	LOC		TILL
02	7.6	1.4	6.2	328.7	320.5	8.2	6.5	1.7	P	30	70	0	NA	U	Y	Y	Y	LOC	LOC		TILL
03	6.8	0.1	6.7	157.4	145.3	12.1	11.7	0.4	P	50	50	0	NA	U	Y	Y	+	LOC	LOC		TILL
04	4.0	0.5	3.6	221.4	216.1	5.3	4.6	0.7	P	40	60	0	NA	U	Y	Y	Y	LOC	LOC		TILL
05	12.1	3.6	8.5	274.4	256.0	18.4	13.3	5.1	P	50	40	0	NA	U	+	Y	Y	OC	OC		TILL
06	15.6	2.0	13.7	383.8	334.7	49.1	37.7	11.4	P	75	25	0	NA	U	+	Y	Y	LOC	LOC		TILL

OLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAMECO\CAMK1AUG.WR2

TOTAL # OF PANNINGS 2

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW96T													
01	N	25 X 25	5 C	1		1				2			
		25 X 50	8 C	1						1			
										3	4.8	27	
02	N	25 X 25	5 C	2						2			
		25 X 50	8 C	1						1			
		100 X 125	22 C	1						1			
		225 X 350	50 M	1						1			
										5	6.5	5115	
03	N	25 X 25	5 C	1				1		2			
		25 X 50	8 C	1		1		1		3			
		50 X 50	10 C	1		1		1		3			
										8	11.7	74	
04	Y	15 X 25	4 C	1						1			No sulphides.
		25 X 25	5 C	1						1			
		25 X 50	8 C	2		2				4			
		50 X 50	10 C	1		1				2			
										8	4.6	162	
05	Y	15 X 25	4 C	1			1			2			No sulphides.
		25 X 25	5 C	2		1				3			
		25 X 50	8 C	3						3			
		50 X 50	10 C	2						2			
		50 X 75	13 C	2						2			
		75 X 125	20 C	1						1			
		125 X 150	27 C	1						1			
										14	13.3	511	
06	N	25 X 75	10 C	1						1			
										1	37.7	5	

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604) 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Cameco Corporation (ON) File # 96-3254

#6 - 1349 Kelly Lake Road, Sudbury ON P3E 5P5 Submitted by: Mike Koziol

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	U ppm	Th ppm	Sr ppm	Cd ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Tl ppm	Hg ppb	As ppm	Sb ppm	Bi ppm	Ge ppm	Se ppm	Te ppm
POW96T-001	<2	5	16	21	<.5	17	2	245	1.35	<10	5	305	.5	44	1.49	.003	15	46	.52	563	.25	6.00	2.12	1.82	<4	110	<2	7	4	1	8	<5	20	.4	.1	.1	<.1	.2	<.2
POW96T-002	<2	9	10	15	<.5	16	2	213	1.36	<10	5	276	<.4	45	1.21	.013	16	44	.40	637	.26	5.76	1.99	1.64	<4	120	<2	7	4	<1	7	<5	25	.7	.1	.1	<.1	<.1	<.2
POW96T-003	<2	15	12	23	<.5	25	3	281	1.61	<10	6	306	<.4	45	1.68	.028	20	60	.61	510	.24	6.38	2.15	1.81	<4	127	<2	9	5	1	9	<5	20	1.2	.1	<.1	<.1	.4	<.2
POW96T-004	<2	5	10	25	<.5	21	4	258	1.72	<10	4	290	.4	44	1.52	.026	14	55	.54	495	.23	6.49	2.02	1.72	<4	108	<2	8	4	1	7	<5	35	1.3	.1	.1	<.1	.4	<.2
POW96T-005	<2	10	10	24	<.5	23	6	257	2.08	<10	5	284	.4	50	1.46	.029	15	61	.55	497	.25	6.81	1.97	1.60	<4	106	<2	8	5	1	8	<5	45	1.1	<.1	.1	.1	.4	.2
POW96T-006	<2	20	9	24	<.5	26	6	314	1.60	<10	4	332	<.4	47	1.77	.050	13	56	.57	510	.22	6.53	2.27	1.72	<4	90	<2	8	4	1	8	<5	10	.8	.1	.1	<.1	.1	<.2
RE POW96T-006	<2	19	11	24	<.5	24	5	321	1.59	<10	3	328	<.4	46	1.76	.049	13	57	.56	505	.22	6.48	2.25	1.71	<4	92	2	8	3	1	8	<5	<5	.8	<.1	.1	<.1	<.1	<.2
STANDARD CT2/C2/HG-500/H-1	19	59	35	145	5.7	71	30	1145	4.11	18	38	237	17.7	128	1.16	.101	41	114	1.19	844	.32	7.50	1.68	1.86	17	45	20	11	8	2	14	<5	460	.5	.9	1.0	.1	1.3	1.1

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: TILL PULP HG ANALYSIS BY FLAMELESS AA. AS SB BI GE SE & TE ANALYSIS BY HYDRIDE ICP.

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 31 1996 **DATE REPORT MAILED:** Aug 9/96 **SIGNED BY.** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604) 253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

Cameco Corporation (ON) File # 96-3254

#6 - 1349 Kelly Lake Road, Sudbury ON P3E 5P5 Submitted by: Mike Koziol

SAMPLE#	Au** ppb
POW96T-001	<2
POW96T-002	<2
POW96T-003	<2
POW96T-004	<2
POW96T-005	4
POW96T-006	<2
RE POW96T-003	<2
STANDARD AU-S	46

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/AA.
- SAMPLE TYPE: TILL PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 31 1996 **DATE REPORT MAILED:** Aug 9/96 **SIGNED BY.** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

APPENDIX D

Report on the 1996 Trenching in the Powell Project

CAMECO CORPORATION

REPORT ON 1996 TRENCHING AND TRENCH MAPPING ON THE POWELL PROJECT

POWELL TOWNSHIP, ONTARIO, 41P/15 AND 42A/02

January 31, 1997

Alain Faber
Geologist

Mitch Turcott
Geological Technician

Peter Chubb
Geologist

Dan Brunne
Geological Technician

SUMMARY AND RECOMMENDATIONS

Seven trenches (numbered 4 to 10) were excavated in the south-west and north corners of the property. The work was done on claims 1048712, 1048717, 1048718, and 1205667.

Trench 4 uncovered a highly strained syenite cut by a lamprophyre dike. All rock types have strong fabrics which are interpreted as the signature of the Larder-Kirkland Lake Break. Anomalous gold (up to 400ppb Au) occurs in a schist within the syenite in the south end of the trench. Trench 5 uncovered an oxide iron formation which was first believed to be a silica flooded mylonite zone. The trench also exposed a chlorite schist at the contact between the iron formation and the syenite pluton. No anomalous gold returned from the sampling.

Trench 6 which investigated a gold anomalous pyrite-rich syenite uncovered a weakly strained syenite cut by a lamprophyre dike. The pyrite mineralization was found to be limited to an area of $5m^2$. A 2m fault zone occurs to the south of the trench and a channel sample returned 1158ppb Au/1m. All other gold values were not significant. Trench 7 investigated the Galer Showing which had several pits and trenches dug in the 1930s. The trench uncovered a fine grained sedimentary unit and a medium grained gabbro. The quartz vein system of the Galer Showing cut all rock types. All samples returned low gold values.

Trench 8 uncovered a 3-5m albite/sericite/carbonate altered shear zone in andesite porphyry fragmental rock. The best gold values are 6240ppb in grab and 2880ppb Au/1.2m in channel samples. Trenches 9 and 10 were intended to investigate the structure uncovered in Trench 8. Due to overburden, neither of the trenches reached the shear zone.

Diamond drilling is recommended in the area of trenches 4, 5, and 6 in order to test at depth the gold anomalous shear zone in the syenite. Line cutting, a ground magnetic survey, and an IP survey in the area of Trench 8 are recommended in order to outline the extent of the gold mineralized structure.

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1.0 INTRODUCTION

Seven trenches were excavated with a 320 John-Deere Backhoe from July 7-15 and August 12-13, 1996. The work was contracted to Fred Kiernicki Prospector Services. The trenches were recommended to better understand the property geology.

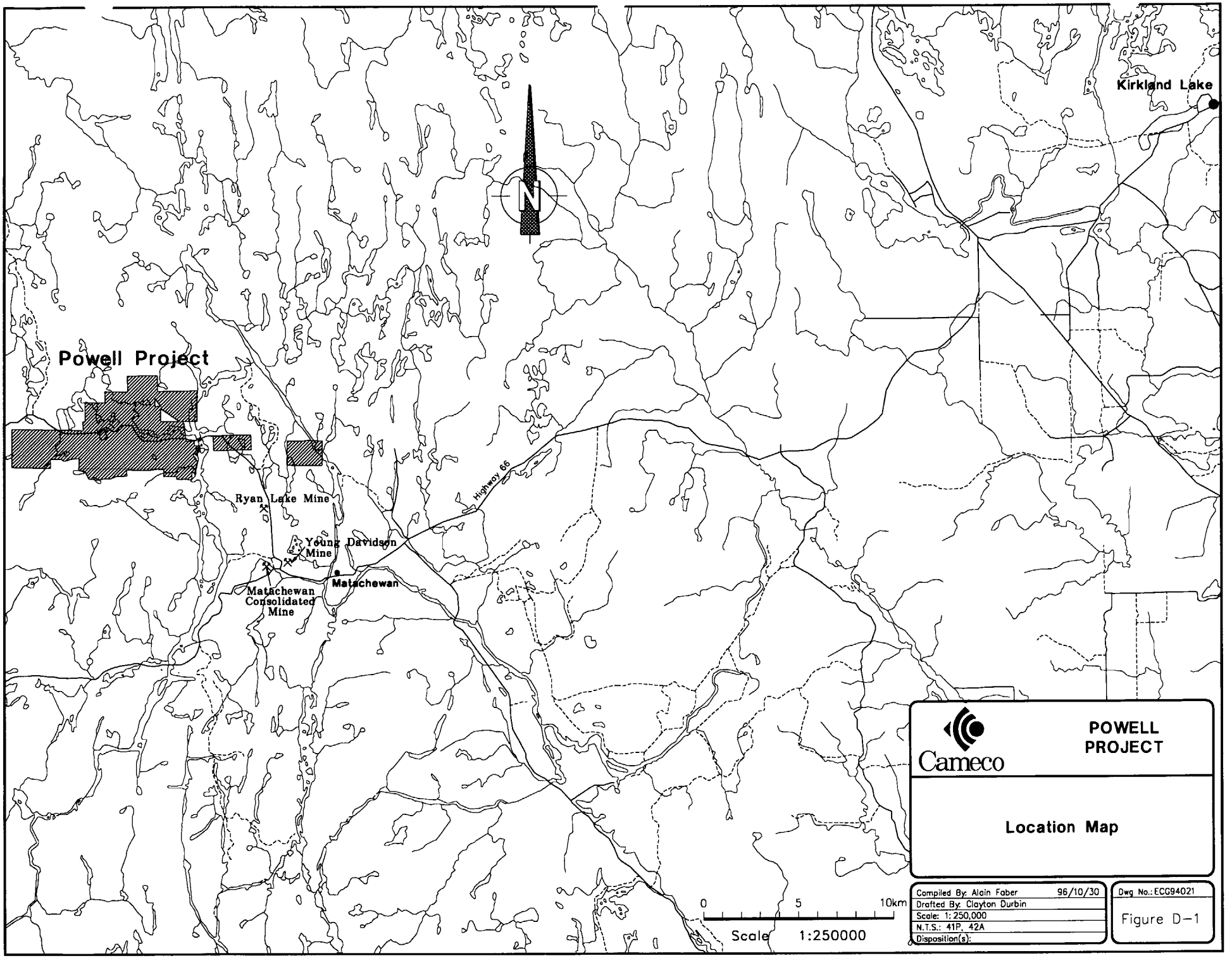
1.1 Property Location and Access

The Powell project is located approximately 15km west of Matachewan, Ontario (Figure D-1). The access is provided by an all-weather gravel road (highway 566) which passes through the centre of the property (Figure D-2). The trenching was completed on claims 1048712, 1048717, 1048718, and 1205667 (Figure D-3 and D-4).

1.2 Trenching Program

This report summarizes the trenching program done on the Powell property in 1996 (see Table D-1). Seven trenches were excavated on the property. The work was contracted to Fred Kiernicki Prospector Services and supervised by Mitch Turcott. The program included trenching, mapping, channel, chip, and grab sampling. The detailed mapping was done by Alain Faber, Mitch Turcott and Peter Chubb. A total of 89 grab, 59 channel and 18 chip samples were collected from the trenches and sent for analysis. The sampling was done by Alain Faber, Mitch Turcott and Dan Brunne. Trenches 4, 5, 6, and 7 are located in Bannockburn township and trenches 8, 9, and 10 are in Argyle township.

Table D-1 does not contain travel time and indirect costs related to the trenching work.


Kirkland Lake
N
Powell Project
Highway 66
Ryan Lake Mine
Young Davidson Mine
Matachewan
Matachewan Consolidated Mine
0
5
10km
Scale 1:250000
Cameco
POWELL PROJECT
Location Map
Compiled By: Alain Faber 96/10/30
Drafted By: Clayton Durbin
Scale: 1:250,000
N.T.S.: 41P, 42A
Disposition(s):
Dwg No.: ECG94021
Figure D-1

Argyle Twp.

Baden Twp.

Bannockburn Twp.

Powell Twp.

Ashley Lake

Powell Lake

Mistinikon Lake

Highway 566

West Montreal River

1205664
1205667
1205665
1198141
1198140
not Cameco
1205666
1118380
1205687
1205689
1205688
1048629 1048630 1048631 1048632 1048633 1048634
1048639 1048638 1048637 1048636 1048635
1048694 1048627 1048626 1048895 1048696
1048697 1048698 1048699 1048700 1048701
1048620 1048621 1048622 1048623 1048624 1048702 1048703 1048704 1048705 1048706
1048625 1048707 1048708 1048709 1048710 1048711
1048626 1048712 1048713 1048714 1048715 1048716
1048717 1048718 1048719 1048720 1048721
1046950 1046949 1046975 1046974 1046965 980239 980238
1046972 1046967 1046965 1046962 1046959 1046957
1046970 1046968 1046964 1046963 1046958 1046956
1046973
979112 979107 971911 971906 981890
979111 979108 971910 971907 981896
979110 979109 971909 971908 981897
1046961 1046960
1047775 1047779 1047783 1047787
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1186330
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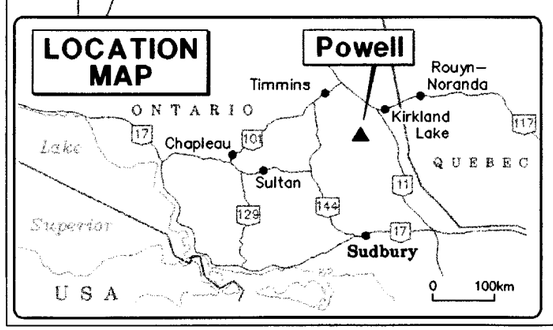
not Cameco
1198142



0 500 1000 1500 2000 2500 3000 3500 4000m

Scale 1:40000

Cameco

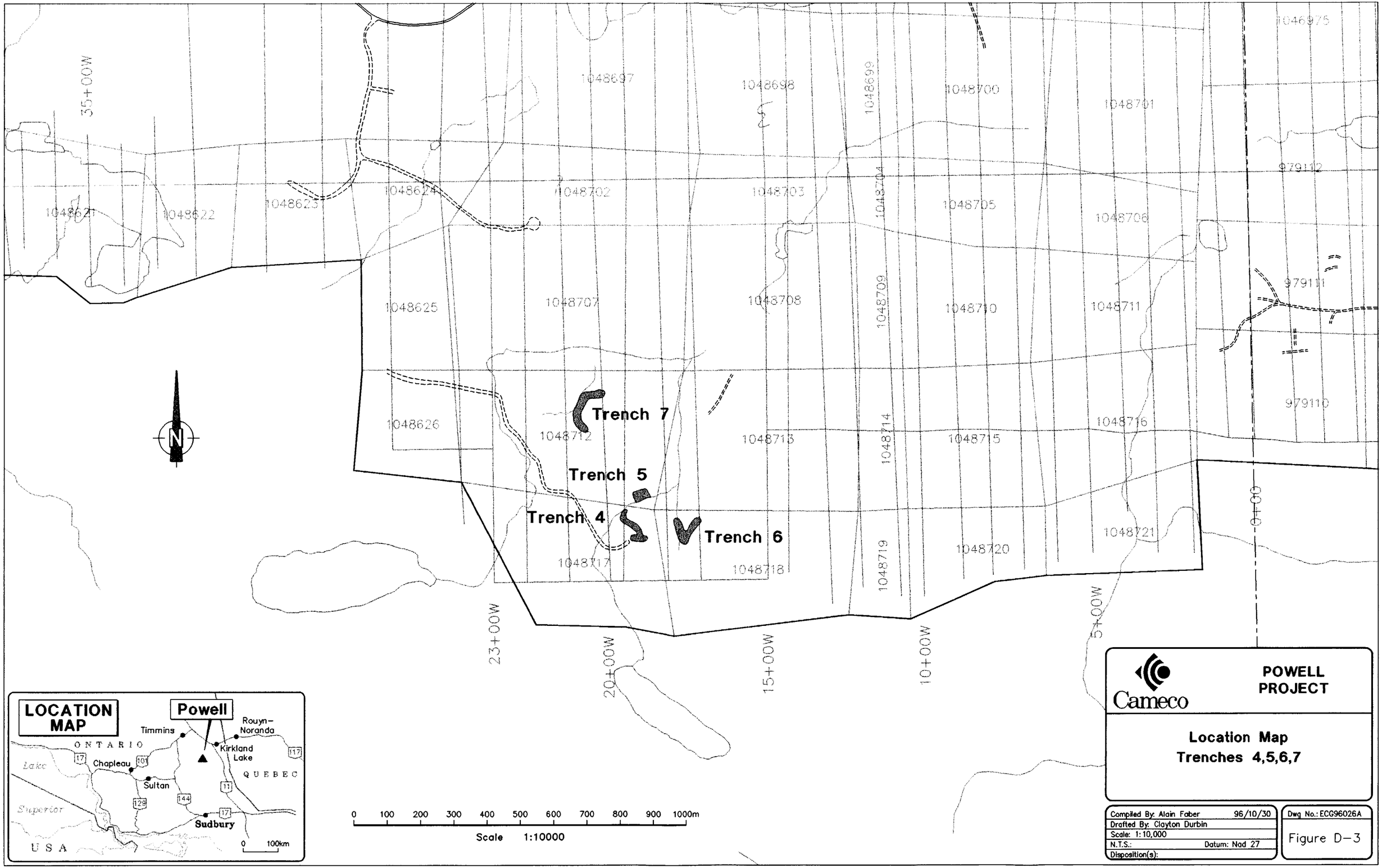
POWELL PROJECT

Claim Map

Compiled By: Alain Faber	96/10/30
Drafted By: Clayton Durbin	
Scale: 1:40,000	
N.T.S.:	Datum: Nad 27
Disposition(s):	

Dwg No.: ECG96002

Figure D–2


35+00W
1048621
1048622
1048623
1048624
1048625
1048626
1048697
1048698
1048699
1048700
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1048702
1048703
1048704
1048705
1048706
1048707
1048708
1048709
1048710
1048711
1048712
1048713
1048714
1048715
1048716
1048717
1048718
1048719
1048720
1048721
979112
979111
979110
1048975
0+00
5+00W
10+00W
15+00W
20+00W
23+00W
Trench 7
Trench 5
Trench 4
Trench 6
N
LOCATION MAP
Powell
Timmins
Rouyn-Noranda
Kirkland Lake
Chapleau
Sultan
Sudbury
ONTARIO
QUEBEC
Lake Superior
USA
0 100km
0 100 200 300 400 500 600 700 800 900 1000m
Scale 1:10000
Cameco
POWELL PROJECT
Location Map
Trenches 4,5,6,7
Compiled By: Alain Faber 96/10/30
Drafted By: Clayton Durbin
Scale: 1:10,000
N.T.S.: Datum: Nad 27
Disposition(s):
Dwg No.: ECG96026A
Figure D-3

Ashley

Lake

Trench 10

Trench 8

Trench 9

Creek

well

1205667

1205665

8+00W
6+00W
4+00W
2+00W
0+00
2+00E
4+00E
6+00E
8+00E
10+00E
12+00E

1118380

20+00W
15+00W
10+00W
5+00W
5+00E

ARGYLE TWP

BANNOCKBURN TWP

1048629
1048630
1048631
1048632
1048633
1048634
1048635
1048636
1048637
1048638
1048639

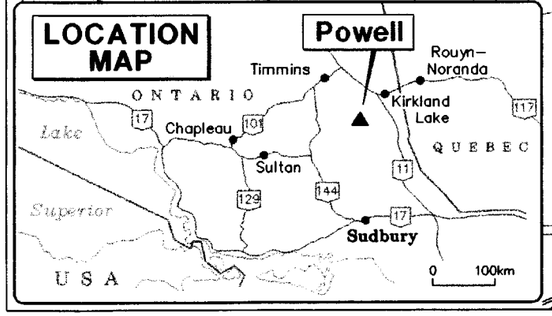
Beauvain Lake

1046972
1046971
1046967
1046950
1046949

0 100 200 300 400 500 600 700 800 900 1000m

Scale 1:10000

LOCATION MAP



Cameco

POWELL PROJECT

Location Map
Trenches 8,9,10

Compiled By: Alain Faber	96/10/30
Drafted By: Clayton Durbin	
Scale: 1:10,000	
N.T.S.:	Datum: Nad 27
Disposition(s):	

Dwg No.: ECG96026B

Figure D–4

Table D-1. Summary of work completed by Cameco for the trenching program

Trench #	Claim #	Dimension	Volume of earth moved	Activity	Work done	
4	1048717	160mx6mx0.5m	480m^3	Trenching Mapping Sampling	13 hours (Excavator) 4.5 man-days 3.5 man-days 3 man-days	Fred Kiernicki and helpers Alain Faber, Mitch Turcott, and Peter Chubb
5	1048712	65mx5mx0.5m	165m^3	Trenching Mapping Sampling	6 hours (Excavator) 6 man-days 2.5 man-days 0.5 man day	Fred Kiernicki and helpers Alain Faber, and Mitch Turcott
6	1048718	160mx5mx0.5m	400m^3	Trenching Mapping Sampling	7 hours (Excavator) 3 man-days 2.5 man-days 3 man-days	Fred Kiernicki and helpers Mitch Turcott and Alain Faber
7	1048712	150mx7mx0.5m	525m^3	Trenching Mapping Sampling	10 hours (Excavator) 3 man-days 1 man-day 1 man-day	Fred Kiernicki and helpers Alain Faber and Mitch Turcott
8 (Clear Cut Area)	1205667	100mx5mx1m	500m^3	Trenching Mapping Sampling	5 hours (Excavator) 4 man-days 1.5 man-day 3 man days	Fred Kiernicki and helpers Alain Faber, Mitch Turcott, and Dan Brunne
9 (Clear Cut Area)	1205667	50x6mx5m	1500m^3	Trenching Sampling	2 hours (Excavator) 1 man-days 0.25 man-day	Fred Kiernicki and helpers Alain Faber
10 (Clear Cut Area)	1205667	30mx5mx2m (Re-filled)	300m^3	Trenching	3 hours (Excavator)	Fred Kiernicki

2.0 GEOLOGY

Detailed mapping and sampling of the seven trenches were completed from July 16-28 and on August 23, 1996.

2.1 Trench 4

Trench 4 crosses and follows L19W from 12+00S to 11+00S. The trench, on the Syenite Showing, was excavated to uncover several old trenches in the area and give a better understanding of the anomalous gold values (up to 238ppb Au) collected during the mapping. The trench was extended as far north as possible in an attempt to uncover the contact between the syenite pluton and the surrounding volcanic and sedimentary rocks. A carbonatized zone within the syenite was also to be investigated (See Map D-1).

The southern part of the trench is characterized by a coarse-grained syenite porphyry. It is composed of k-feldspar phenocryst up to 4mm which form 80% of the rock. The matrix is chlorite-rich and black chlorite also fills microfractures. The syenite is weakly deformed but locally highly microfractured. The microfractures are filled with black chlorite and make up to 50% of the rock. The rock is reddish in colour from a moderate to strong potassic enrichment of the syenite. The syenite is barren of sulphide mineralization.

To the north of the coarse syenite, a unit of highly strained biotite-rich syenite occurs for about 12m. The rock is composed of 5-10% plagioclase, 40% K-feldspar, 5% quartz, 25% chlorite and 20% biotite. The syenite is intruded by up to 15% quartz veins (1-2cm) which have been deformed and stretched by the strong deformation. Minor K-enrichment of the syenite is present. The syenite contains up to 2% disseminated pyrite.

At the contact between the coarse grained syenite and the highly deformed syenite, a shear

zone varying from 1m to 2m in width is characterized by one metre schistose zone. The zone is locally carbonatized. At the east end of the trench, a cherty quartz vein system is truncated by the schist. The zone contains minor pyrite occurrences. At the contact with the schist and the highly strained syenite, a 1mx5m lens of coarse k-feldspar syenite contains up to 10% disseminated cubic pyrite (up to 3mm). The schist and the highly strained syenite are interpreted to be the signature of the Cadillac-Larder-Break passing through the syenite.

A lamprophyre dyke system is cross cutting the syenite pluton. The lamprophyre exposure on the trench is mostly located north of 12+75S. The lamprophyre is medium to coarse grained, dark green to black and equigranular. It is composed of 85% biotite and 15% chlorite. The rock is strongly magnetic and moderately reacts to acid (HCl). The weathered surface shows differential weathering where 5% chlorite-quartz veinlets (at 314°) form high relief. Minor carbonate alteration occurs along few fractures. No sulphide mineralization is present.

The lamprophyre is cut by several felsic dikes (aplite/pegmatite) with quartz rich cores. The felsic dikes are different from the syenite in the southern extremity of the trench. These are pink in colour and medium grained texture. The dikes contain <5% mafic minerals, mostly biotite and locally chloritized biotite. No sulphide mineralization is associated with the dikes. About 1%, 1-5cm milky quartz veins cut the lamprophyre and the pegmatite dike. Their bearing are 315°. Minor quartz veinlets are also cutting at 036° and 078°.

At 12+25S, to the west of L19W, a 5m interval of fine to medium grained mafic syenite occurs with variable mafic mineral content (0-60% black chlorite) and 40% k-feldspar. The interval contains up to 10%, <10cm fragments of K-feldspar rich syenite and biotite rich syenite. The rock is moderately carbonatized on the weathered surface. The mafic syenite is moderately strained at 100°/68°S and 080°/90°. No sulphides are present. The uneven contacts suggest an assimilation of the syenite by the lamprophyre.

2.2 Trench 5

Trench 5 starts at L18W/11+41S and extend at 240° for 40m. The purpose of the trench was to uncover an old trench (Creek Showing) which appeared to be a silica flooded mylonite zone (Larder-Kirkland Lake Break!). Detailed mapping revealed the rock to be an oxide iron-formation. Two other segments were also dug in order to uncover the contact between the syenite and the iron-formation (to the south) and a north-south structure (to the north) (see Map D-2).

The south arm of the trench is characterized by a brecciated and highly strained syenite. The brecciated syenite is similar to the southern end of Trench 4 and is characterized by a moderate to highly K-enriched coarse grained syenite. The coarse grained syenite is reddish pink and black chlorite (up to 30%) fills microfractures. It also contains 1% coarse grained (up to 3mm) cubic pyrite. For 3m, a highly strained syenite (225°) is composed of 40% syenite fragments in a chloritic matrix. Minor carbonate alteration and minor disseminated pyrite are present.

At the north contact of the syenite is a chlorite schist. The schist was exposed by the excavator, but the pit is now filled with water. The schist is characterized by 90% chlorite and 10% syenite fragments. It is dark green and contains trace amounts of pyrite. It has a schistosity of 095°/90° and is about 2.5m wide.

The schist is in contact to the north with an oxide iron-formation which is 15m thick. The iron-formation is zoned where the southern end is 90% cherty silica beds, the northern end is 70% magnetite beds and a 3m transitional zone in the middle contains 50% chert and 50% magnetite beds. The cherty beds (1-5cm) are microcrystalline and milky. The beds contain minor K-feldspar and hematite at their contacts. The magnetite beds are 1-10mm thick with minor red-hematite and chlorite beds. The iron-formation contains trace amounts of

disseminated sulphides.

To the north end of the trench, a massive, medium grained gabbro is moderately jointed (082°/75°S). The rock is greenish black and contains 3%, 2mm epidote-feldspar filled fractures which contain minor pyrite. The gabbro contains 30% biotite. The rock is weakly magnetic. Minor quartz veins are also present.

2.3 Trench 6

Trench 6 is located between L17W and L18W from 12+00S to 12+75S. It is a two branch trench which reaches 160m in length (see map D-3). The purpose of this trench was to uncover a pyrite mineralized syenite outcrop which returned 599ppb Au in a grab sample. A gold grain was also panned out of the creek at the bottom of the rock-cliff exposure (see Map 3). This area was trenched because of its similarities to the Young Davidson Mine located 8km away.

The trench is characterized by a medium to coarse grained, equigranular, k-feldspar-rich syenite. The syenite contains 5-10% plagioclase, and 5-15% biotite. Quartz and calcite veins up to 1cm crosscut the intrusive. The syenite is affected by a weak to moderate K-feldspar alteration. Up to 5% black chlorite is locally found along microfracture systems. Minor disseminated pyrite occurs in the syenite.

A perpendicular trench extended to the creek, uncovered pyrite mineralized syenite. The mineralization is local and only a small area (2mx3m) contains up to 5% disseminated pyrite. At the proximity of the mineralized syenite, the rock is moderately strained and contains 5-10% boudinages quartz veins (<1cm). The strained syenite also contains 1% pyrite associated to a few fractures.

The syenite, to the south of the trench, is cut by a 3-4m structure zone characterized by a chlorite schist. The rocks shows remnants of syenite fragments. The shear zone is highly chloritic and biotitic. Carbonate alteration creates a 2cm orange rind on the surface exposure. The structure zone is cut by a few quartz veins and reacts moderately to chloric acid. The zone contains 1-2% disseminated pyrite.

A breccia zone is located at the elbow in the trench. The differential weathering has produced a ribbed texture with raised edges and lower pockets. The lower areas consist of medium grained and strongly magnetic syenite. Fractures ranging from 1-3mm are chloritized. The raised sections consist of fine to medium grained, light pink syenite which is silicified and non-magnetic. This breccia reacts moderately to HCl and contains minor amounts of pyrite hematite.

A lamprophyre dike occurs on the east arm of the trench and underlies 25% of the total area of the trench. It is medium grained and black on the fresh surface with a grey weathered surface. The dike is composed of 80% biotite and 20% chlorite. It is strongly magnetic and reacts moderately to HCl.

The exposed outcrop shows a stretched and broken up syenite dike up to 1m wide and 5-8m in length. The fragments have sharp contacts and irregular but elongated shapes. Locally, 1-2cm cross-cutting quartz/chlorite veinlets cut the lamprophyre and create relief above the weathered surface.

2.3 Trench 7

Trench 7 crosses L20W at 8+00S and is 150m long and 5m wide (see Map D-4). It was excavated along the edge of an outcropping ridge. The trench was proposed in order to

understand the geological setting of the Galer showing which returned 1g/t Au in one of its pit during past reconnaissance work.

The southern portion of the trench is characterized by sedimentary rocks beginning with a 3m, grading upward sequence of mafic tuff which is followed by a banded mafic to intermediate tuff. The mafic tuff varies in size from 1mm grains down to a <0.2mm at the top of the sequence. The banded tuff is made of very fine grained, 1-2cm beds of which 15% are epidotized. The graded upward sequence is moderately to highly magnetic and contains 2-4% pyrite along fractures and associated with the epidote beds. From the sedimentary textures, the top stratigraphy is pointing north.

From 8+30S to 8+80S, the trench uncovered a sedimentary sequence of moderately to highly magnetic sediments. The beds are from 1-2cm and are fine to medium grained. The rock is dark greyish green to black with 20-25% epidote bands (<1cm) along a bedding. The bedding varies from 285°/80°N to 294°/78°N. The rock contains up to 1%, quartz veins (<1cm) crosscutting the stratigraphy. The rock contains 1-3% pyrite (up to 5% in places) along fractures and disseminated. Pyrite also occurs associated with the epidote. Several fracture sets are present.

The southern half of the trench is characterized by a massive gabbro. It is dark green and medium to coarse grained. The rock is massive and weakly magnetic. The weathered surface shows 50% feldspar, 45% amphibole and 2-3% biotite To the east of L20W, the gabbro shows a dendritic texture with amphibole (pyroxene?) crystals up to 2cm long.. The rock contains a few quartz-feldspar veins (2-10cm) which strike at an average of NNE-SSW and locally contain minor amounts of pyrite and chalcopyrite. The gabbro is locally crosscut by a few calcite veinlets. No sulphide mineralization occurs in the gabbro.

One of the pits of the Galer Showing is now part of Trench 7. It is characterized by a quartz

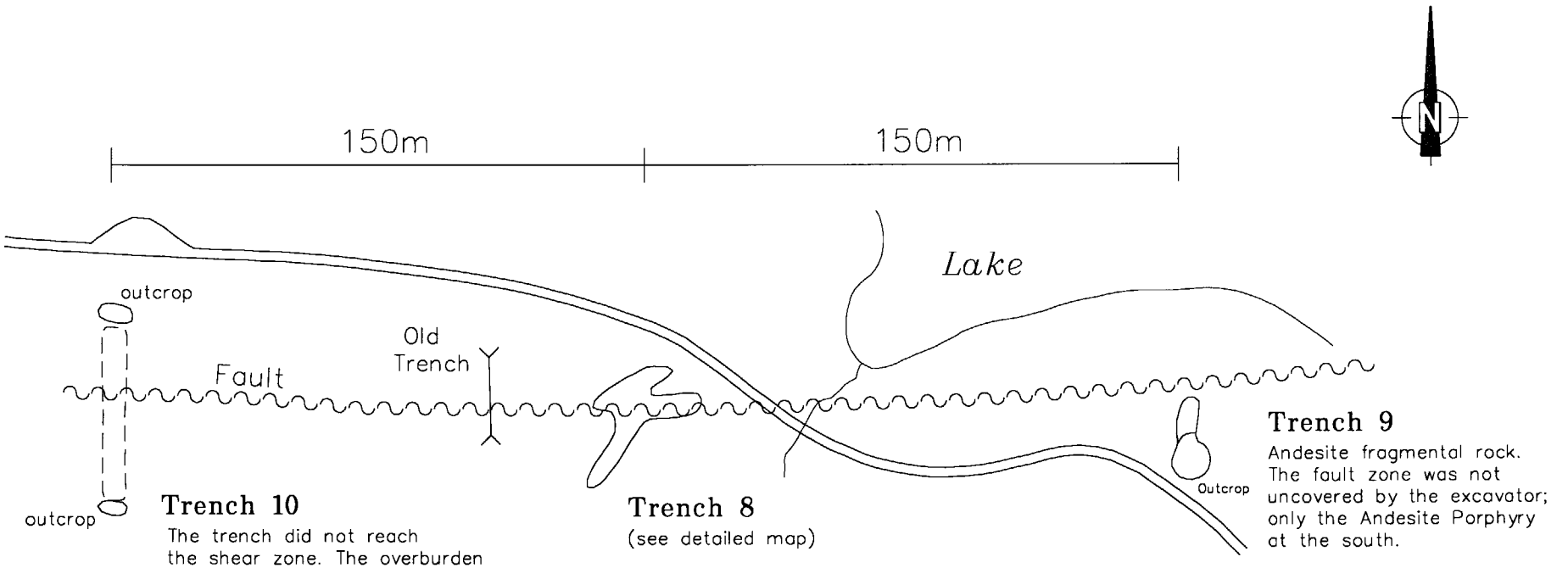
vein system which follows a brittle fault zone in the gabbro. The south end displays a 15cm quartz vein that splits in 3 branches to create a 80cm quartz vein system at a bearing of 177°/78°W. The north end is a quartz stockwork made of 2cm quartz veins spreading over a width of 3m (177°/78°W and 200°/90°). Locally, the quartz veins contain up to 5% pyrite (the gabbro also contains pyrite at the contacts with the veins) but are mostly barren. A sample containing 1g/t Au was collected in this pit in 1995. The value could not be repeated.

Two dikes crosscut the geology of the trench. The first dike (2m wide), located at 8+65S, is mafic, fine to medium grained and is non magnetic. The second dike (12m) is felsic to intermediate and contains up to 5%, 3mm feldspar phenocrysts. The phenocrysts are moderately saussuritized and the dike is cut by 3% chlorite-epidote filled fractures. The contacts of the felsic to intermediate dike are sharp at 300/80N.

2.3 Trench 8

Trench 8 is located at the north end of the property along logging road 23 north of highway 566 in Argyle Township. The trench was proposed to investigate a grab sample returning 799ppb Au collected in the 1995 field program (see Figure D-5 and Map D-5).

The trench uncovered three to five metre east-west striking fault zone. The rock in the shear zone is sheared andesite porphyry. The rock is yellowish green, highly carbonatized, albitized and moderately sericitized. It is composed of 2% carbonate, 15% quartz veinlets, 10% sericite, 20% chlorite veinlets and rock debris and 45% albitized host rock fragments. The shear zone contains 5% disseminated white pyrite and trace amounts of chalcopyrite. It is weakly silicified and trace fuchsite is present. The weathered surface is schistose and orange. Within this structure zone, the altered andesite fragmental still shows primary textures and feldspar phenocrysts.



Trench 10

The trench did not reach the shear zone. The overburden is thicker than 5m. Andesite volcanic fragmental is present at both ends.

Trench 8

(see detailed map)

Trench 9

Andesite fragmental rock. The fault zone was not uncovered by the excavator; only the Andesite Porphyry at the south.

0 10 20 30 40 50 60 70 80 90100m

Scale 1:2000

Cameco

POWELL PROJECT

Trench 8, 9 & 10
Detailed Location Map

Compiled By: Alain Faber 96/10/16	Dwg No.: ECG96024
Drafted By: Clayton Durbin	
Scale: 1:2,000	Figure D-5
N.T.S.: Datum:	
Disposition(s):	

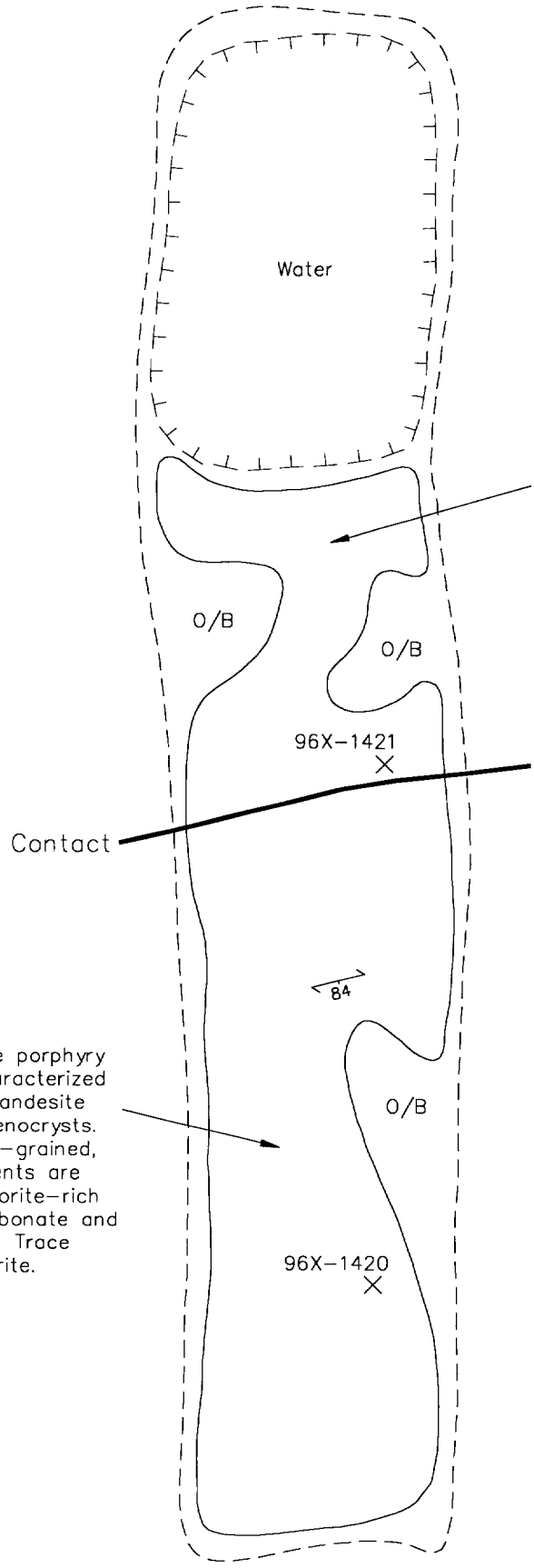
To the south of the shear/fault zone, carbonatized andesite porphyry fragmental rocks are present. These form part of the calc-alkalic suite with one to ten centimetre rounded andesite fragments in a darker, more chloritic feldspar porphyritic matrix. The fragments make 70% of the volume. The rock contains minor white pyrite, locally up to 2% pyrite. It is moderately carbonatized and albitized. Primary textures can still be distinguished. Both pyrite and carbonate are associated with the schistosity. The rock contains 1% dark chlorite veinlets. At the southern tip of the trench, the andesite also contains up to 10% fuchsite altered phenocrysts.

To the north of the shear/fault zone, fairly massive, fresh, medium grained porphyritic andesite fragmentals (Calc-alkalic suite) are present. They are fragment supported with 70-80% fragments, up to 15cm in diameter. The rocks show several joint sets at various angles. The andesite is weakly chloritized with up to three percent 3% calcite filled fractures (weathered to black). Locally, minor disseminated pyrite is associated with the calcite. The calc-alkalic rocks have a brittle fabric over 2m at the contact with the highly altered shear zone. The andesite porphyry also shows a primary breccia located at the northern tip of the trench.

During excavation, fuchsite rich (up to 40% fuchsite) angular boulders were taken out of the flooded area in the southern part of the trench. The angular blocks are intermediate in composition. The fuchsite occurs in egg shapes, micaceous booklets or as altered feldspar phenocryst. These blocks contains minor amounts of disseminated pyrite. The source of these angular blocks is thought to be from the water flooded area of the trench.

2.3 Trench 9

Trench 9 is located 150m east of Trench 8. It was planned to uncover the eastern extension of the shear zone found in Trench 8 (see figure D-5 and D-6). The ridge steeply disappears



Dark green, fined-grained, chloritic rock. It appears to be similar to the matrix of the adjacent fragmental without the fragments. The rock is cut by 5% veins (veins and tensional fractures) which are brown to black on the weathered surface. Trace amounts of disseminated pyrite.

Moderately sheared andesite porphyry fragmental. The rock is characterized by 5-100cm fragments of andesite containing 20% feldspar phenocrysts. The fragments sit in a fine-grained, chloritic matrix. The fragments are characterized by a 1cm chlorite-rich rim of alteration. Minor carbonate and sericite pervasive alteration. Trace amount of disseminated pyrite.

Legend

96X-1100 Grab Sample

85 Foliation

Water Filled Area

0 1 2 3 4 5 6 7 8 9 10m

Scale 1:200

Cameco

POWELL PROJECT

Schematic Detailed Geology - Trench 9 Claim 1205667

Compiled By: Alain Faber 96/10/30	Dwg No.: ECG96027
Drafted By: Clayton Durbin	
Scale: 1:200	Figure D-6
N.T.S.: Datum:	
Disposition(s): 1205567	

under overburden and the shear zone could not be reached.

The south end of the trench is located on the ridge which is characterized by an andesite porphyry fragmental. The fragmental is made of five centimetre to one metre fragments of feldspar porphyritic andesite in a more chloritic, fine grained matrix. Chloritic aureoles, up to one centimetre wide, are present around the fragments. The fragments show a moderate strain at 076/84S. Minor carbonate alteration is present and is pervasive.

The northern 10m of the exposed rock is dark green, fine-grained, and chloritic. It appears that the rock is similar to the matrix of the adjacent fragmental but without the fragments. The chloritic rock contains 5% calcite in veins and tensional fractures. Trace amounts of disseminated pyrite occur along fractures.

2.3 Trench 10

Trench 10 was proposed to uncover the western extension of the east-west structure found in Trench 8. The trench is located between two surface exposure of the hosting andesite fragmental (see Figure 5). It was located where three old hand dug trenches were found following prospecting around Trench 8. Several angular boulders similar to the bedrock found in Trench 8 were also found.

Between two outcrops of andesite porphyry fragmental, distanced 60 apart, the excavator could not reach bedrock. The trench was filled back by the excavator. The two outcrops show minor fracturing and weak carbonate alteration. It appears that the previous handdug trenches never reached bedrock.

3.0 GEOCHEMISTRY

A total of 166 samples (89 grab, 59 channel, and 18 chip samples) from the trenches were analyzed for gold and multi-elements, and whole rock (See Appendixes D-1 and D-2). Four samples were also analyzed for gold metallic assay (see Appendix D-1). The channel samples collected in the trenches were cut by a Stihl 350 rock saw and are mostly one meter long.

3.1 trench 4

A total of 36 samples (14 grab, 10 chip and 12 channel) were collected from the trench. All samples were sent for gold and multi-element analyses.

Sixteen samples (grab and channel) were collected to the north of the syenite shear zone. All the samples returned gold values under 43ppb. Six samples (grab, chip, and channel) were collected to the south of the syenite shear zone and all returned gold values under 48ppb. Fourteen samples (grab, chip, and channel) wee collected in the syenite shear zone. The gold values in grab and channel returned anomalous gold (up to 411ppb) along the 55m of exposed structure. All the samples analyzed for trace elements did not returned any significant anomaly.

Sample 580 was never located on the map therefore is considered as lost eventhough it has 1g/t Ag.

3.2 Trench 5

Four grab, seven chip and two channel samples were collected in this trench. All samples were sent for gold and multi-element analyses.

One grab and two channel samples were collected in the highly strained syenite. The samples returned less than 12ppb Au. One sample of the chlorite schist was collected at the bottom of the water filled portion of the trench when it was being excavated and returned 14ppb Au. One grab and seven chip samples were collected from the oxide iron formation. All samples returned values of less than 10ppb Au with several nil values. One grab sample was also collected in the gabbro to the north end of the trench and returned 9ppb Au.

Multi-element analyses were performed on all the samples collected. No anomalous values were found.

3.3 Trench 6

The samples collected from this trench include 22 grabs and 25 channels. All samples were analyzed for gold and multi elements.

All rock types, namely the syenite, lamprophyre, the syenitic breccia zone, and the deformation zone, were systematically sampled (grab) and the areas with more alteration, strain, and mineralization were channelled. Most of the samples returned less than 75 ppb Au. However, two anomalous zone were outlined. The first is a pyrite mineralized syenite located in the indent (west arm). The values reach 596ppb Au in grabs and 53ppb Au/1m in channel samples. The second gold anomalous zone is located in the western exposure of a shear uncovered in the southern part of the trench. The best gold values returned 103ppb in grab and 1158ppb/1m. All samples were analysed for trace elements but did not return any anomalies.

Two samples collected in the pyrite mineralized syenite were sent for gold metallic assay. They returned 0.5g/t Au and 0.1g/t (samples 534 and 535), these are comparable values to the fire assay/AA analyses done on the same samples. These results confirm that the source of

the gold nugget found in the creek, at the bottom of the slope, is from glacial till.

3.4 trench 7

Seventeen grab and one chip samples were collected from trench 7. The samples were sent for gold and multi-element analyses. Metallic pulp analysis was also done on two samples. Out of the 18 samples, 4 were sent for whole rock analyses.

Nine grab samples were collected at the gabbroic end of the trench. The samples were mostly taken from pyrite and chalcopyrite bearing quartz veins up to 3cm thick. Samples 559 and 561 are from the schistose host rock at the contact of the quartz vein system of one pit (part of Galer showing). All samples from the gabbro returned gold values under the detection limit. Eight samples were also collected in the sedimentary package (and from some dikes) in making the southern half of the trenched area. All those samples returned gold values less than 5ppb. A 1.5m chip sample from sediment/mafic tuff containing 1-3% disseminated pyrite returned 137ppb Au. The multi-element analyses of the samples collected on this trench did not returned any anomalies.

Two samples collected from quartz veins were sent for gold metallic assay (samples 562 and 563) and returned values under the detection limit.

3.5 Trench 8

A total of 54 samples (30 grab and 24 channel) were collected on trench 8. All the samples were sent for gold assay and trace element analyses.

Trench 8 is characterized by a 3-5m fault zone which was sampled with 6 grab and 16

channel samples. The highest values encountered are:(1) where the alteration (albite, carbonate, silica) is strongest; (2) where the weathered surface shows the most schistose texture; and (3) where the pyrite content is >1-2% (white pyrite). Up to 95% of the samples returned gold values >100ppb with values reaching 2880ppb Au/1.2m in channel (sample 2064) and 6240ppb Au in grab (sample 729) samples. The multi-element analyses do not show any mineral association with the gold, except for minor silver anomalies.

The southern side of the structure zone was sampled (21 grab and 7 channel) and anomalous gold (up to 434ppb) returned from the weakly to moderately carbonatized andesite porphyry fragmental. The northern side of the structure zone is weakly altered and strained and 3 grab and 1 channel returned gold values below 26 pbb.

(Sample 792 is from this trench, but lost field notes make it difficult to position the sample exactly).

3.6 Trench 9

Two grab samples were collected in the andesite porphyry fragmental and the fine-grained chloritic rock (see figure D-6). The samples were weakly carbonatized and trace amounts of pyrite are present. Both returned nil value.

3.7 Trench 10

Bedrock was not reached during the trenching program. The bedrock was deeper than 5m. Therefore, no samples were collected in this trench.

4.0 CONCLUSIONS

In July and August 1996, seven trenches were excavated by Cameco in order to get information about areas including the Syenite Showing, Creek Showing, and Galer Showing; gold anomalous, pyrite bearing syenite found by Cameco prospectors; an old trench in altered andesite porphyry which returned 800ppb Au (Argyle Showing), and the east-west extensions of a structure uncovered in the Argyle Showing.

Four trenches were excavated to the southwestern end of the property. The Trench 4 uncovered a highly strained syenite and several lamprophyre dikes. Pyrite mineralization, concentrated along a schist in the syenite, returned up to 400ppb Au. Trench 5 uncovered an oxide iron formation and a schist at the contact with the main syenite pluton. All samples from Trench 5 returned values below 15ppb Au. Trench 6 uncovered a weakly to moderately deformed syenite with a 2-3m shear zone which returned 1158ppb Au/1m. Locally, the syenite is mineralized with pyrite, but the gold values are all low. In the Galer Showing, the main lithologies include a fine grained sedimentary unit and a medium grained gabbro. All samples from the Galer Showing returned <5ppb gold, except for one chip sample (1.5m) which returned 137ppb Au.

Three trenches were excavated to the north of the property where an old trench exposed gold anomalous andesite porphyry. Trench 8 uncovered a 3-5m structure zone with albite, sericite, and carbonate alteration. The best values are 6240ppb Au in grab and 2880ppb Au/1.2m in channel samples. Trenches 9 and 10 were excavated at 150m along strike on either side of Trench 8. Neither of the trenches uncovered the structure due to thick overburden.

5.0 RECOMMENDATIONS

Diamond drilling is recommended in the area of the trenches 4, 5, and 6 in order to test the gold anomalous shear zone in the syenite.

Anomalous gold values (6240ppb Au in grab and 2880ppb Au/1.2m in channel) were collected in Trench 8. The east-west shear zone found in Trench 8 is in line with a creek to the east. Further trenching is recommended in the area of Trench 8 since Trenches 9 and 10 did not expose the extent of the investigated structure. Line cutting and geophysics are recommended in the area of Trench 8. A ground magnetic survey would help in seeing a possible change in the geology under the overburden and an IP survey would allow to follow the pyrite mineralized structure. Diamond drilling is also recommended around the Argyle Showing (Trench 8) in order to test it at depth and along strike.

6.0 REFERENCES

Chubb, P., Koziol, M., and Faber A., 1995, Powell Project, 1994 Exploration Program, Cameco Corporation, Assessment Report File.

Evelegh, F. J., 1981, Report on Geophysical Surveys, Galer Group of Claims, Bannockburn Township, Johns-Manville Canada Inc., Assessment Report File.

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Leahy, m., 1992, Geological Mapping, Stripping, Sampling, Blasting, and Prospecting Program: 102 Group, Powell and Bannockburn Townships, Larder Lake Mining Division, Ontario; KL-3177-3.

Rickabi, H. C., 1932, Bannockburn Gold Area, in Annual Report of Ontario Department of mines, Vol. 41, pt 2, pp. 1-24.

7.0 CERTIFICATE OF QUALIFICATIONS

I, Alain Faber, residing at 321 Laura Avenue, Sudbury, Ontario, P3E 3R8, do hereby certify that:

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

I attended McGill University in Montreal, Quebec and graduated with a B. Sc. in geology in 1992;

I am a member of the Association Professionnelle des Géologues et des Géophysiciens du Québec (APGGQ - Membre Stagiaire #1001) and the Quebec Prospectors Association;

I was one the property when the work was being carried out.

Signed at Sudbury, Ontario, this 31st day of January, 1997

Alain Faber
Geologist, B. Sc.

APPENDIX D-1

AU, MULTI-ELEMENT AND PULP METALLIC ASSAY CERTIFICATES FOR GRAB, CHIP, AND CHANNEL SAMPLES

Swastika Laboratories

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Geochemical Analysis Certificate

6W-2521-RG1

Company: **CAMECO CORPORATION**
Project: POW 96
Attn: M.Koziol/P. Chubb

Date: JUL-22-96

We hereby certify the following Geochemical Analysis of 52 Grab samples submitted JUL-16-96 by P.Chubb.

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96X-722	1783	1680	
POW96X-723	22	-	
POW96X-724	189	-	
POW96X-725	617	-	
T-8 POW96X-726	26	-	
POW96X-727	5451	5657	
POW96X-728	1371	1577	
POW96X-729	6171	6309	
T-4 POW96X-730	43	-	
POW96X-731	9	-	
POW96X-732	7	-	
POW96X-733	5	-	
POW96X-734	5	-	
POW96X-735	2	-	
POW96X-736	7	5	
POW96X-737	9	-	
POW96X-738	3	-	
POW96X-739	5	-	
POW96X-740	3	-	
POW96X-741	7	-	
POW96X-742	2	-	
POW96X-743	Nil	-	

One assay ton portion used.

Certified by Denis Chartre

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

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Geochemical Analysis Certificate

6W-2713-RG1

Company: **CAMECO CORPORATION**

Date: AUG-01-96

Project:

Attn: A.Faber

We hereby certify the following Geochemical Analysis of 55 Rock samples submitted JUL-26-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Multi Element
POW96X-1108	10	-	-	Results
POW96X-1109	Nil	-	-	to
POW96X-1110	Nil	-	-	follow
POW96X-1111	Nil	-	-	
POW96X-1112	Nil	-	-	
POW96X-1113	Nil	-	-	
POW96X-1114	9	-	-	
POW96X-1115	2	2	-	
POW96X-1116	2	-	-	
POW96X-1117	Nil	-	-	
POW96X-1118	Nil	-	-	
POW96X-1119	137	-	-	
POW96X-1120	3	-	-	
POW96X-790	2	-	-	
POW96X-791	14	-	-	
POW96X-792	3326	3189	3771	
POW96C-2001	12	-	-	
POW96C-2002	Nil	-	-	
POW96C-2003	2	-	-	
POW96C-2004	Nil	-	-	
POW96C-2005	Nil	-	-	
POW96C-2006	Nil	-	-	
POW96C-2007	29	-	-	
POW96C-2008	Nil	-	-	
POW96C-2009	3	-	-	
POW96C-2010	1150	1166	-	
POW96C-2011	Nil	-	-	
POW96C-2012	38	-	-	
POW96C-2014	Nil	-	-	
POW96C-2015	Nil	-	-	

One assay ton portion used. ** #2027 was not received. We did however find two samples #2025 we added "A" to one of them.

Certified by G. Leb

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Geochemical Analysis Certificate

6W-2521-RG1

Company: **CAMECO CORPORATION**
Project: POW 96
Attn: M.Koziol/P. Chubb

Date: JUL-22-96

We hereby certify the following Geochemical Analysis of 52 Grab samples submitted JUL-16-96 by P.Chubb.

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96X-574	48	-	Results
POW96X-575	15	-	to
POW96X-576	309	259	Follow
POW96X-577	17	-	
POW96X-578	24	-	
POW96X-579	14	-	
POW96X-580	9	-	
POW96X-581	46	-	
POW96X-582	10	-	
POW96X-583	19	-	
POW96X-584	411	278	
POW96X-585	267	377	
POW96X-586	14	-	
POW96X-587	3	-	
POW96X-588	Nil	-	
POW96X-589	2	-	
POW96X-590	2	-	
POW96X-591	Nil	-	
POW96X-592	Nil	-	
POW96X-711	9	-	
POW96X-712	3	-	
POW96X-713	14	-	
POW96X-714	2	-	
POW96X-715	2	-	
POW96X-716	3	-	
POW96X-717	Nil	-	
POW96X-718	Nil	-	
POW96X-719	Nil	-	
POW96X-720	106	-	
POW96X-721	309	230	

One assay ton portion used.

Certified by Denis Chartre

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Geochemical Analysis Certificate

6W-2712-RG1

Company: **CAMECO CORPORATION**

Date: JUL-30-96

Project:

Attn: A.Faber

We hereby certify the following Geochemical Analysis of 19 Rock samples submitted JUL-26-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96C-2050	891	754	Results
POW96C-2051	518	-	to
POW96C-2052	298	-	follow
POW96C-2053	5	-	
POW96C-2054	91	-	
POW96C-2055	206	-	
POW96C-2056	651	-	
POW96C-2057	204	-	
POW96C-2058	135	-	
POW96C-2059	34	-	
POW96C-2060	31	-	
POW96C-2061	309	-	
POW96C-2062	1509	1509	
POW96C-2063	302	-	
POW96C-2064	2777	2983	
POW96C-2065	377	-	
POW96C-2066	3	-	
POW96C-2067	480	377	
POW96C-2068	185	-	

T-8

One assay ton portion used.

Certified by G. Faber

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Geochemical Analysis Certificate

6W-3210-RG1

Company: **CAMECO CORPORATION**
Project: POW
Attn: P.Chubb

Date: AUG-27-96

We hereby certify the following Geochemical Analysis of 49 Channel/Grab samples submitted AUG-26-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96C-2400	12	-	Results
POW96C-2401	22	-	to
POW96C-2402	57	-	follow
POW96C-2403	15	17	
POW96C-2404	5	-	
POW96X-1400	19	-	
POW96X-1401	10	-	
POW96X-1402	9	-	
POW96X-1403	21	-	
POW96X-1404	7	-	
POW96X-1405	Nil	-	
POW96X-1406	Nil	-	
POW96X-1407	Nil	Nil	
POW96X-1408	Nil	-	
POW96X-1409	46	-	
POW96X-1410	79	-	
POW96X-1411	31	-	
POW96X-1412	36	-	
POW96X-1413	434	-	
POW96X-1414	156	-	
POW96X-1415	Nil	-	
POW96X-1416	257	247	
POW96X-1417	69	-	
POW96X-1418	Nil	-	
POW96X-1419	29	-	
POW96X-1420	Nil	-	
POW96X-1421	Nil	-	
POW96X-5001	386	396	
POW96X-5002	Nil	-	
POW96X-5003	29	-	

One assay ton portion used.

Certified by G. Leboss

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Geochemical Analysis Certificate

6W-1940-RG1

Company: **CAMECO CORPORATION**

Date: JUN-04-96

Project:

Attn: A. Fabert

We hereby certify the following Geochemical Analysis of 76 Grab samples submitted JUN-01-96 by A. Faber.

Sample Number	Au PPB	Au Check PPB
POW96X-530	10	-
POW96X-531	65	-
POW96X-532	7	-
POW96X-533	3	-
T-6 POW96X-534	554	638
POW96X-535	96	-
POW96X-536	5	-
POW96X-537	3	-
POW96X-538	9	-
POW96X-539	2	-
POW96X-540	3	-
POW96X-541	Nil	-
POW96X-542	2	-
POW96X-543	27	-
POW96X-544	3	-
POW96X-545	977	1145
POW96X-546	10	-
POW96X-547	58	-
POW96X-548	2	-
POW96X-549	2	-
POW96X-550	31	-
POW96X-551	14	-
POW96X-552	5	-
POW96X-523 A	7	5
POW96X-1000	9	-
POW96X-1001	2	-
POW96X-1002	Nil	-
POW96X-1003	3	-
POW96X-1004	Nil	-
T-7 POW96X-1005	14	-

One assay ton portion used.

Certified by G. Faber

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Assay Certificate

6W-2837-RA1

Company: **CAMECO CORPORATION**

Date: AUG-07-96

Project:

Attn: A. Faber

We hereby certify the following Assay of 12 Grab samples submitted AUG-01-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW96X650	Nil	-	Results
POW96X651	9	-	to
POW96X652	10	12	follow
POW96X653	Nil	-	
POW96X654	26	21	
POW96X655	10	-	
POW96X1123	Nil	-	
POW96X1124	5	-	
POW96X1125	Nil	-	
POW96X1126	Nil	-	
POW96X1127	Nil	-	
POW96X1128	Nil	-	

1-7

One assay ton portion used.

Certified by G. Fehr

P.O. Box 10, Swastika, Ontario P0K 1T0

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Geochemical Analysis Certificate

6W-2442-RG1

Company: **CAMECO CORPORATION**
Project: POW
Attn: M.Koziol/P.Chubb

Date: JUL-11-96

We hereby certify the following Geochemical Analysis of 28 Grab samples submitted JUL-08-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA -
POW96X-553	Nil	-	Results	Results
POW96X-554	Nil	2	to	to
POW96X-555	2	-	follow	follow
POW96X-556	Nil	-		
POW96X-559	Nil	-		
POW96X-560	-	-		
POW96X-561	Nil	-		
POW96X-564	14	12		
POW96X-565	Nil	-		
POW96X-566	Nil	-		
POW96X-567	3	-		
POW96X-568	Nil	-		
POW96X-570	Nil	-		
POW96X-571	Nil	-		
POW96X-572	Nil	-		
POW96X-573	Nil	-		
POW96X-700	Nil	-		
POW96X-701	2	-		
POW96X-702	9	10		
POW96X-703	2	-		
POW96X-704	2	-		
POW96X-705	Nil	-		
POW96X-706	Nil	-		
POW96X-707	Nil	-		
POW96X-708	Nil	Nil		
POW96X-709	Nil	-		
POW96X-710	Nil	-		
ASHLIO	Nil	-		

One assay ton portion used.

Certified by Denis Chartre

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

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-2713-RG1

Company: **CAMECO CORPORATION**

Date: AUG-01-96

Project:

Attn: A.Faber

We hereby certify the following Geochemical Analysis of 55 Rock samples submitted JUL-26-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Multi Element
POW96C-2016	2	-	-	
POW96C-2017	75	69	-	
POW96C-2018	Nil	-	-	
POW96C-2019	Nil	-	-	
T-6 POW96C-2020	Nil	-	-	
POW96C-2021	12	-	-	
POW96C-2022	Nil	-	-	
POW96C-2023	45	-	-	
POW96C-2024	53	-	-	
POW96C-2025	38	-	-	
T-5 POW96C-2026	12	-	-	
POW96C-2025 A **	9	-	-	
POW96C-2028	27	-	-	
POW96C-2029	326	-	-	
POW96C-2030	326	350	-	
POW96C-2032	Nil	-	-	
POW96C-2033	Nil	-	-	
T-4 POW96C-2034	Nil	-	-	
POW96C-2035	Nil	-	-	
POW96C-2036	9	-	-	
POW96C-2037	Nil	-	-	
POW96C-2038	Nil	-	-	
POW96C-2039	7	-	-	
POW96C-2010 A	21	-	-	
POW96C-2028 A	531	516	-	
POW96C-2030 A not received	-	-	-	

One assay ton portion used. ** #2027 was not received. We did however find two samples #2025 we added "A" to one of them.

Certified by G. Fehr

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-1940-RG1

Company: **CAMECO CORPORATION**

Date: JUN-04-96

Project:

Attn: A. Fabert

We hereby certify the following Geochemical Analysis of 76 Grab samples submitted JUN-01-96 by A. Faber.

T-4

Sample Number	Au PPB	Au Check PPB
POW96X-500	12	-
POW96X-501	62	-
POW96X-502	22	19
POW96X-503	77	-
POW96X-504	2	-
POW96X-505	Nil	-
POW96X-506	Nil	-
POW96X-507	5	-
POW96X-508	9	-
POW96X-509	346	435
POW96X-510	3	-
POW96X-511	5	-
POW96X-512	10	-
POW96X-513	4	-
POW96X-514	2	-
POW96X-515	7	-
POW96X-516	60	74
POW96X-517	2	-
POW96X-518	3	-
POW96X-519	Nil	-
POW96X-520	3	-
POW96X-521	2	-
POW96X-522	Nil	-
POW96X-523	10	7
POW96X-524	2	-
POW96X-525	7	-
POW96X-526	5	-
POW96X-527	Nil	-
POW96X-528	3	-
POW96X-529	2	-

One assay ton portion used.

Certified by G. Fabert

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

6W-2604-RG1

Company: **CAMECO GOLD CORPORATION** Date: JUL-25-96

Project:

Attn: M.Koziol

We hereby certify the following Geochemical Analysis of 29 Grab samples submitted JUL-19-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW-96X593	Nil	-	Results
POW-96X594	Nil	-	to
POW-96X595	Nil	-	follow
POW-96X596	17	-	
POW-96X597	Nil	-	
POW-96X598	5	-	
POW-96X599	98	103	
POW-96X600	89	-	
POW-96X601	147	-	
POW-96X602	Nil	-	
POW-96X603	103	-	
POW-96X604	Nil	-	
POW-96X605	Nil	-	
POW-96X606	27	39	
POW-96X607	Nil	-	
POW-96X608	Nil	-	
POW-96X609	Nil	-	
POW-96X610	Nil	-	
POW-96X611	Nil	-	
POW-96X612	Nil	-	
POW-96X613	Nil	-	
POW-96X1100	Nil	-	
POW-96X1101	22	-	
POW-96X1102	Nil	-	
POW-96X1103	15	-	
POW-96X1104	Nil	-	
POW-96X1105	14	-	
POW-96X1106	Nil	Nil	
POW-96X1107	Nil	-	

T-4

One assay ton portion used.

Certified by G. Gibbs

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

CAMECO CO. ORATION
ATTN: P. CHUBB
PROJ: POW

6W-3210-RG1

TSL/ASSAYER aboratories
1270 FEWSTER DRIVE, UNIT - ASSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M7945
Page No. : 1 of 2
File No. : AU29MA
Date : AUG-30-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96C-2400	< 1	1.7	10	< 10	16	< 1	< 5	3.1	< 1	29	200	13	3.3	2.1	630	< 2	0.04	110	630	< 1	< 5	11	< 10	120	13	37	< 10	5	62	12
POW96C-2401	< 1	1.4	< 5	< 10	18	< 1	< 5	5.1	< 1	26	140	27	3.8	2.2	1100	< 2	0.07	130	1200	< 1	< 5	11	< 10	210	21	25	< 10	7	62	9
POW96C-2402	< 1	1.2	< 5	< 10	8	< 1	< 5	6.6	< 1	23	96	10	3.6	2.3	1400	< 2	0.03	140	900	8	< 5	11	< 10	220	6	8	< 10	8	60	6
POW96C-2403	< 1	2.5	5	< 10	9	< 1	< 5	9.0	< 1	46	240	5	6.1	2.6	1400	< 2	0.01	310	820	< 1	< 5	13	< 10	440	17	25	< 10	10	120	9
POW96C-2404	< 1	1.1	< 5	< 10	23	< 1	< 5	4.0	< 1	26	190	130	3.2	1.9	1400	< 2	0.05	120	530	< 1	< 5	7	< 10	79	10	14	< 10	6	39	10
POW96X-1400	< 1	2.1	10	< 10	17	< 1	< 5	2.1	< 1	29	220	15	4.3	2.1	780	< 2	0.08	140	470	< 1	< 5	11	< 10	50	52	57	< 10	4	70	17
POW96X-1401	< 1	2.8	< 5	< 10	26	< 1	< 5	1.7	< 1	29	230	20	4.2	2.2	750	< 2	0.03	130	610	< 1	< 5	6	< 10	21	36	39	< 10	3	85	7
POW96X-1402	< 1	2.8	< 5	< 10	36	< 1	< 5	1.1	< 1	32	250	6	4.5	2.1	690	< 2	0.03	160	630	< 1	< 5	5	< 10	18	31	42	< 10	4	89	12
POW96X-1403	< 1	2.5	10	< 10	26	< 1	< 5	1.9	< 1	32	210	9	4.7	2.1	850	< 2	0.02	140	580	< 1	< 5	6	< 10	41	22	39	< 10	6	91	13
POW96X-1404	< 1	3.0	< 5	< 10	28	< 1	< 5	1.4	< 1	30	270	5	4.5	2.1	830	< 2	0.02	140	600	< 1	< 5	5	< 10	19	37	31	< 10	6	99	9
POW96X-1405	< 1	2.8	10	< 10	26	< 1	< 5	1.3	< 1	27	230	10	4.3	2.0	1000	< 2	0.01	130	550	< 1	< 5	4	< 10	14	26	30	< 10	5	100	10
POW96X-1406	< 1	2.2	< 5	< 10	24	< 1	< 5	2.6	< 1	36	270	11	4.4	2.0	1500	< 2	0.03	130	610	< 1	< 5	6	< 10	33	23	29	< 10	4	78	12
POW96X-1407	< 1	2.9	< 5	< 10	24	< 1	< 5	1.9	< 1	23	260	3	4.2	2.1	600	< 2	0.03	130	560	< 1	< 5	7	< 10	21	37	42	< 10	3	97	12
POW96X-1408	< 1	1.7	< 5	< 10	9	< 1	< 5	3.5	< 1	19	170	41	4.3	2.0	1000	< 2	0.07	140	640	< 1	< 5	10	< 10	43	33	50	< 10	4	61	16
POW96X-1409	< 1	2.0	10	< 10	23	< 1	< 5	3.2	< 1	25	150	85	5.1	2.0	950	< 2	0.04	150	680	< 1	< 5	9	< 10	73	31	39	< 10	5	75	13
POW96X-1410	< 1	1.1	< 5	< 10	25	< 1	< 5	3.5	< 1	22	150	130	4.0	1.9	890	< 2	0.07	120	760	< 1	< 5	12	< 10	100	34	41	< 10	8	46	11
POW96X-1411	< 1	1.7	30	< 10	10	< 1	< 5	2.5	< 1	24	190	120	4.2	2.0	750	< 2	0.06	120	650	< 1	< 5	11	< 10	43	23	49	< 10	5	62	16
POW96X-1412	< 1	1.3	< 5	< 10	20	< 1	< 5	2.2	< 1	43	180	110	4.5	1.7	840	< 2	0.06	140	650	< 1	< 5	12	< 10	54	14	38	< 10	10	52	20
POW96X-1413	< 1	1.5	< 5	< 10	15	< 1	< 5	2.0	< 1	27	180	36	4.7	1.8	720	< 2	0.05	130	670	< 1	< 5	13	< 10	53	19	60	< 10	7	58	20
POW96X-1414	< 1	1.1	15	< 10	19	< 1	< 5	3.8	< 1	25	180	100	3.5	2.1	850	< 2	0.06	120	630	< 1	< 5	14	< 10	120	23	42	< 10	8	47	17
POW96X-1415	< 1	1.6	40	< 10	31	< 1	< 5	3.4	< 1	31	110	120	4.0	1.9	820	< 2	0.05	160	560	< 1	< 5	7	< 10	80	12	15	< 10	6	62	11
POW96X-1416	< 1	1.1	< 5	< 10	20	< 1	< 5	13	< 1	39	580	8	4.1	2.8	1100	< 2	<0.01	740	240	2	20	10	< 10	910	33	16	< 10	10	64	6
POW96X-1417	< 1	3.5	< 5	< 10	36	< 1	< 5	8.2	< 1	72	2700	2	5.3	2.9	850	< 2	<0.01	970	630	< 1	30	11	< 10	630	22	55	< 10	7	55	4
POW96X-1418	< 1	2.1	50	< 10	39	< 1	< 5	1.5	< 1	35	310	85	4.5	1.9	1000	< 2	0.03	180	600	< 1	< 5	5	< 10	26	15	22	< 10	6	56	9
POW96X-1419	< 1	1.8	< 5	< 10	29	< 1	< 5	9.0	< 1	33	420	8	3.5	2.6	840	< 2	0.01	200	840	< 1	< 5	10	< 10	660	5	33	< 10	8	60	8
POW96X-1420	< 1	2.3	10	< 10	33	< 1	< 5	2.9	< 1	28	240	3	4.2	2.2	1100	< 2	0.01	130	550	< 1	< 5	5	< 10	62	15	23	< 10	3	89	6
POW96X-1421	< 1	3.3	15	< 10	22	< 1	< 5	0.89	< 1	33	300	6	4.4	2.2	380	< 2	0.04	130	730	< 1	< 5	5	< 10	26	19	40	< 10	4	78	8
POW96X-5001	25	0.61	450	< 10	6	< 1	< 5	0.11	< 1	47	360	470	6.1	0.37	76	4	0.01	88	290	73	< 5	< 1	< 10	6	9	12	< 10	1	33	13
POW96X-5002	1	1.6	70	< 10	200	< 1	< 5	0.37	< 1	17	170	75	2.9	1.1	200	< 2	0.02	68	580	3	< 5	1	< 10	9	17	17	< 10	2	42	7
POW96X-5003	2	0.52	160	< 10	62	< 1	< 5	1.2	< 1	11	230	19	1.8	1.1	170	4	<0.01	47	340	15	< 5	2	< 10	61	8	14	< 10	2	17	8
POW96X-5004	< 1	1.5	5	< 10	21	< 1	< 5	1.5	< 1	23	300	33	3.4	1.1	420	< 2	0.06	30	340	< 1	< 5	3	< 10	18	11	25	< 10	5	120	16
POW96X-5005	< 1	0.70	50	< 10	31	< 1	< 5	2.2	< 1	30	290	300	2.8	0.93	720	< 2	0.07	43	340	6	< 5	2	< 10	24	6	8	< 10	5	83	14
POW96X-5006	< 1	1.6	< 5	< 10	41	< 1	< 5	1.4	< 1	14	190	36	3.4	1.3	390	< 2	0.04	30	410	< 1	< 5	2	< 10	19	14	18	< 10	4	83	11
POW96X-5007	< 1	0.38	30	< 10	37	< 1	< 5	0.17	< 1	12	220	9	2.2	0.13	110	< 2	0.04	27	190	9	< 5	< 1	< 10	12	4	4	< 10	4	22	23
POW96X-5008	< 1	1.6	15	< 10	58	< 1	< 5	0.91	< 1	17	170	18	3.2	1.1	290	< 2	0.04	25	420	< 1	< 5	2	< 10	18	16	18	< 10	3	63	11

T-8
T-9

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95° C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO C. ,ORATION
ATTN: A. FABER
PROJ:

6W-2712-RG1

TSL/ASSAYF Laboratories
1270 FEWSTER DRIVE, UNIT ,ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M78[illegible]
Page No. : 1 of 1
File No. : AU01MA
Date : AUG-02-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96C-2050	< 1	1.7	< 5	< 10	26	< 1	< 5	0.79	< 1	34	91	56	3.5	1.1	800	< 2	0.03	120	650	< 1	< 5	5	< 10	18	83	36	< 10	5	72	7
POW96C-2051	< 1	2.0	< 5	< 10	25	< 1	< 5	1.2	< 1	40	110	48	4.3	1.4	1200	8	0.05	120	670	< 1	< 5	8	< 10	24	96	50	< 10	6	86	14
POW96C-2052	< 1	2.0	< 5	< 10	51	< 1	< 5	0.39	< 1	35	80	83	3.9	1.2	2600	< 2	0.03	130	640	9	< 5	5	< 10	11	26	29	< 10	6	81	7
POW96C-2053	< 1	2.3	< 5	< 10	29	< 1	< 5	2.0	< 1	30	94	41	4.1	1.9	900	< 2	0.02	120	630	< 1	< 5	4	< 10	40	21	19	< 10	4	92	7
POW96C-2054	< 1	1.9	< 5	< 10	34	< 1	< 5	2.2	< 1	31	98	63	3.9	1.9	820	< 2	0.04	120	590	< 1	< 5	6	< 10	46	45	24	< 10	4	83	10
POW96C-2055	< 1	0.97	< 5	< 10	16	< 1	< 5	2.8	< 1	26	97	28	3.6	1.4	810	4	0.06	120	470	< 1	< 5	9	< 10	70	140	38	< 10	4	57	13
POW96C-2056	< 1	0.76	< 5	< 10	9	< 1	< 5	4.1	< 1	29	92	42	3.7	1.9	980	46	0.05	130	390	1	< 5	9	< 10	98	55	20	< 10	5	63	16
POW96C-2057	< 1	1.1	5	< 10	16	< 1	< 5	2.7	< 1	25	110	33	3.5	1.4	900	< 2	0.05	120	400	< 1	< 5	7	< 10	57	64	30	< 10	5	64	14
POW96C-2058	< 1	1.5	< 5	< 10	11	< 1	< 5	3.4	< 1	28	120	29	3.9	2.0	900	< 2	0.05	120	460	< 1	< 5	8	< 10	89	97	37	< 10	5	83	9
POW96C-2059	< 1	1.8	< 5	< 10	18	< 1	< 5	2.3	< 1	27	160	91	3.8	2.0	830	< 2	0.06	130	420	< 1	< 5	11	< 10	53	67	63	< 10	3	100	14
POW96C-2060	< 1	2.1	< 5	< 10	27	< 1	< 5	2.2	< 1	29	130	33	3.6	2.0	840	< 2	0.02	130	540	< 1	< 5	4	< 10	30	18	29	< 10	3	77	6
POW96C-2061	< 1	2.9	10	< 10	39	< 1	< 5	1.5	< 1	28	150	7	3.8	2.1	1500	< 2	0.04	140	590	< 1	< 5	8	< 10	17	24	54	< 10	6	100	13
POW96C-2062	< 1	1.7	< 5	< 10	46	< 1	< 5	1.4	< 1	38	88	47	4.7	1.4	1300	2	0.03	150	610	< 1	< 5	7	< 10	28	25	27	< 10	6	81	15
POW96C-2063	< 1	1.0	5	< 10	20	< 1	< 5	2.7	< 1	24	89	47	3.2	1.4	890	34	0.05	110	450	< 1	< 5	8	< 10	58	29	27	< 10	4	59	12
POW96C-2064	< 1	0.61	< 5	< 10	15	< 1	< 5	3.6	< 1	29	85	84	3.4	1.4	1200	16	0.07	100	490	3	< 5	9	< 10	74	34	14	< 10	4	51	13
POW96C-2065	< 1	1.9	< 5	< 10	24	< 1	< 5	2.7	< 1	29	110	130	3.8	1.9	1100	14	0.04	120	540	< 1	< 5	7	< 10	53	57	33	< 10	4	78	11
POW96C-2066	< 1	3.1	< 5	< 10	21	< 1	< 5	1.2	< 1	26	110	160	4.0	2.1	440	< 2	0.02	98	620	< 1	< 5	3	< 10	23	40	40	< 10	2	98	6
POW96C-2067	< 1	1.5	5	< 10	12	< 1	< 5	2.5	< 1	29	93	83	4.0	1.6	860	6	0.04	110	500	< 1	< 5	6	< 10	56	63	33	< 10	4	71	12
POW96C-2068	< 1	0.35	< 5	< 10	24	< 1	< 5	3.8	< 1	27	72	19	3.4	1.6	1400	38	0.06	120	260	< 1	< 5	8	< 10	99	27	11	< 10	4	42	14

1-8

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED : [illegible]

CAMECO C\ ,ORATION
ATTN: M. KOZIOL
PROJ: POW96

6W-2521-RG1

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

REPORT No. : M77bb
Page No. : 2 of 2
File No. : JL24MA
Date : JUL-26-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-727	2	0.49	< 5	< 10	5	< 1	< 5	3.0	< 1	30	150	230	3.6	1.3	990	36	0.05	110	380	1	< 5	10	< 10	63	61	13	< 10	5	34	14
POW96X-728	< 1	1.4	5	< 10	37	< 1	< 5	1.4	< 1	36	190	56	4.4	1.3	1200	6	0.03	160	680	< 1	< 5	8	< 10	25	33	42	< 10	7	55	18
POW96X-729	1	0.38	< 5	< 10	13	< 1	< 5	2.5	< 1	36	270	49	4.1	1.0	1100	32	0.09	120	280	1	< 5	7	< 10	55	49	13	< 10	5	28	16
POW96X-730	< 1	0.74	< 5	< 10	340	< 1	< 5	2.6	< 1	14	260	18	2.1	0.80	580	< 2	0.04	26	1500	14	< 5	6	< 10	230	100	58	< 10	15	27	2
POW96X-731	< 1	1.7	< 5	< 10	14	< 1	< 5	1.5	< 1	22	370	45	3.2	1.2	450	20	0.14	63	580	< 1	< 5	8	< 10	33	2200	71	< 10	9	38	6
POW96X-732	< 1	1.8	< 5	< 10	6	< 1	< 5	1.6	< 1	17	180	35	6.0	0.85	650	< 2	0.22	13	2600	< 1	< 5	11	< 10	22	1600	16	< 10	33	110	8
POW96X-733	< 1	2.0	< 5	< 10	8	< 1	< 5	1.6	< 1	20	180	38	7.8	0.96	820	< 2	0.23	10	2700	< 1	< 5	13	< 10	17	1800	9	< 10	36	120	5
POW96X-734	< 1	2.6	5	< 10	6	< 1	< 5	1.1	< 1	34	210	81	5.6	1.9	700	< 2	0.07	79	980	< 1	< 5	7	< 10	79	2200	82	< 10	14	110	4
POW96X-735	2	0.16	< 5	< 10	6	< 1	< 5	0.29	< 1	28	860	990	1.1	0.18	210	2	0.01	30	78	71	< 5	< 1	< 10	8	180	22	< 10	1	14	2
POW96X-736	< 1	4.9	< 5	< 10	17	< 1	< 5	0.40	< 1	39	90	49	8.0	2.5	1200	< 2	<0.01	35	770	< 1	< 5	18	< 10	9	1500	150	< 10	8	200	8
POW96X-737	1	0.19	5	< 10	2	< 1	< 5	0.10	< 1	19	610	240	1.0	0.24	110	2	<0.01	23	46	31	< 5	< 1	< 10	3	95	17	< 10	< 1	12	< 1
POW96X-738	< 1	3.3	< 5	< 10	7	< 1	< 5	0.72	< 1	31	150	53	6.7	2.2	780	< 2	0.06	29	720	< 1	< 5	23	< 10	8	3400	170	< 10	13	120	13
POW96X-739	< 1	1.3	5	< 10	16	< 1	< 5	0.45	< 1	16	350	16	2.3	1.3	400	< 2	0.09	28	550	< 1	< 5	5	< 10	19	870	49	< 10	4	64	11
POW96X-740	< 1	3.2	< 5	< 10	6	< 1	< 5	3.2	< 1	29	60	52	5.8	1.9	1100	< 2	0.04	39	510	< 1	< 5	19	< 10	28	3000	250	< 10	16	110	10
POW96X-741	< 1	1.8	< 5	< 10	10	< 1	< 5	1.3	< 1	18	110	37	4.1	1.5	520	< 2	0.08	26	540	< 1	< 5	10	< 10	26	1600	93	< 10	8	46	15
POW96X-742	< 1	3.2	< 5	< 10	40	< 1	< 5	0.34	< 1	26	220	35	4.2	1.5	610	< 2	0.13	100	340	< 1	< 5	6	< 10	27	550	70	< 10	4	68	11
POW96X-743	< 1	2.8	< 5	< 10	28	< 1	< 5	0.33	< 1	20	220	34	4.0	1.3	540	< 2	0.08	95	380	< 1	< 5	5	< 10	16	1100	57	< 10	3	75	10

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO CO ORATION
ATTN: M. KOZIOL
PROJ: POW96

6W-2521-RG1

TSL/ASSAYEI Laboratories
1270 FEWSTER DRIVE, UNIT ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M775
Page No. : 1 of 2
File No. : JL24MA
Date : JUL-26-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-574	< 1	2.8	< 5	< 10	81	< 1	< 5	5.0	< 1	46	1100	50	4.4	2.3	1500	< 2	<0.01	630	440	2	< 5	13	< 10	270	190	130	< 10	11	130	10
POW96X-575	< 1	2.5	10	< 10	65	< 1	< 5	5.0	< 1	44	1200	25	4.1	2.3	1200	< 2	<0.01	560	74	< 1	< 5	14	< 10	340	630	94	< 10	5	64	11
POW96X-576	< 1	1.2	.5	< 10	78	< 1	< 5	0.58	< 1	24	580	15	3.4	1.5	350	12	0.01	59	1100	33	< 5	6	< 10	64	100	52	< 10	6	46	11
POW96X-577	< 1	2.0	< 5	< 10	35	< 1	< 5	3.3	< 1	30	370	47	4.7	2.0	750	< 2	0.01	45	2800	20	< 5	13	< 10	300	460	160	< 10	14	85	10
POW96X-578	< 1	1.1	< 5	< 10	57	< 1	< 5	3.8	< 1	30	330	45	3.7	1.6	860	< 2	0.01	32	2500	7	< 5	11	< 10	440	650	140	< 10	13	67	7
POW96X-579	< 1	1.3	< 5	< 10	29	< 1	< 5	4.7	< 1	26	310	51	4.2	1.8	900	< 2	0.02	34	2400	8	< 5	13	< 10	340	500	140	< 10	16	62	10
POW96X-580	1	3.9	< 5	< 10	< 1	< 1	< 5	9.1	< 1	44	33	100	13	1.5	2500	< 2	<0.01	27	430	< 1	< 5	33	< 10	180	490	260	< 10	7	190	22
POW96X-581	< 1	0.86	< 5	< 10	91	< 1	< 5	0.47	< 1	33	760	16	2.7	0.83	510	30	0.01	110	570	15	< 5	5	< 10	28	65	66	< 10	5	43	10
POW96X-582	< 1	0.79	< 5	< 10	23	< 1	< 5	2.3	< 1	27	490	44	3.0	1.2	580	< 2	0.02	39	1600	10	< 5	7	< 10	190	340	76	< 10	9	47	18
POW96X-583	< 1	1.3	< 5	< 10	110	< 1	< 5	2.6	< 1	19	350	74	2.4	1.3	610	< 2	0.06	37	2000	< 1	< 5	7	< 10	200	93	59	< 10	13	78	4
POW96X-584	< 1	0.83	< 5	< 10	34	< 1	< 5	1.1	< 1	25	440	26	2.6	1.0	470	62	0.02	55	1700	29	< 5	6	< 10	120	150	58	< 10	8	32	9
POW96X-585	< 1	1.3	< 5	< 10	49	< 1	< 5	2.7	< 1	27	280	54	3.7	1.5	720	14	0.04	74	2000	21	< 5	10	< 10	180	170	97	< 10	12	44	6
POW96X-586	< 1	3.9	< 5	< 10	9	< 1	< 5	3.5	< 1	38	310	7	6.7	2.3	740	< 2	0.02	190	840	< 1	< 5	25	< 10	89	82	170	< 10	11	110	24
POW96X-587	< 1	1.5	< 5	< 10	21	< 1	< 5	0.96	< 1	26	170	44	3.8	1.2	380	< 2	0.13	45	420	< 1	< 5	8	< 10	14	1500	100	< 10	8	51	5
POW96X-588	< 1	3.2	< 5	< 10	96	< 1	< 5	0.84	< 1	29	270	48	4.2	1.9	650	< 2	0.10	120	450	< 1	< 5	9	< 10	22	1700	100	< 10	7	100	13
POW96X-589	< 1	3.2	5	< 10	280	< 1	< 5	1.0	< 1	26	330	35	3.3	1.3	630	< 2	0.26	110	520	< 1	< 5	5	< 10	72	1600	67	< 10	7	91	25
POW96X-590	< 1	3.2	10	< 10	36	< 1	< 5	2.4	< 1	100	1400	63	5.5	2.3	1400	< 2	0.03	> 999	130	< 1	< 5	22	< 10	41	200	130	< 10	3	45	11
POW96X-591	< 1	2.7	< 5	< 10	22	< 1	< 5	4.1	< 1	98	870	42	8.9	2.1	3300	< 2	<0.01	930	120	< 1	< 5	36	< 10	45	300	130	< 10	8	48	18
POW96X-592	< 1	3.4	10	< 10	60	< 1	< 5	0.50	< 1	31	250	48	4.9	1.9	870	< 2	0.09	150	420	< 1	< 5	9	< 10	11	1600	84	< 10	6	120	11
POW96X-711	2	2.5	< 5	< 10	3	< 1	< 5	1.1	< 1	32	120	95	4.9	1.8	780	< 2	0.03	64	240	< 1	< 5	6	< 10	35	3400	130	< 10	4	69	6
POW96X-712	< 1	1.2	< 5	< 10	18	< 1	< 5	1.2	< 1	27	190	48	5.7	1.0	460	< 2	0.09	31	630	< 1	< 5	6	< 10	45	2500	130	< 10	10	65	6
POW96X-713	< 1	1.2	< 5	< 10	39	< 1	< 5	1.4	< 1	13	240	24	2.7	0.69	540	< 2	0.04	16	400	< 1	< 5	2	< 10	16	710	18	< 10	8	150	18
POW96X-714	2	3.4	< 5	< 10	11	< 1	< 5	0.96	< 1	46	41	47	12	1.9	1100	< 2	0.03	40	560	< 1	< 5	12	< 10	19	5300	480	< 10	16	140	10
POW96X-715	< 1	4.4	< 5	< 10	8	< 1	< 5	0.90	< 1	34	260	47	5.4	2.1	840	< 2	0.13	160	580	< 1	< 5	13	< 10	25	1400	120	< 10	7	97	9
POW96X-716	< 1	4.0	< 5	< 10	< 1	< 1	< 5	4.3	< 1	40	52	47	8.0	1.8	1300	< 2	0.02	57	440	< 1	< 5	33	< 10	62	180	340	< 10	6	120	13
POW96X-717	1	3.0	< 5	< 10	5	< 1	< 5	1.2	< 1	39	96	37	5.2	1.9	860	< 2	0.01	67	270	< 1	< 5	7	< 10	72	3400	130	< 10	5	73	5
POW96X-718	< 1	2.8	< 5	< 10	29	< 1	< 5	1.0	< 1	30	260	29	4.1	1.9	530	< 2	0.05	130	550	< 1	< 5	6	< 10	18	210	49	< 10	3	85	8
POW96X-719	< 1	0.37	< 5	< 10	11	< 1	< 5	2.3	< 1	17	410	23	2.1	1.0	1300	< 2	0.03	37	160	< 1	< 5	6	< 10	38	36	18	< 10	4	21	5
POW96X-720	< 1	2.2	< 5	< 10	38	< 1	< 5	1.6	< 1	31	350	11	4.2	1.9	880	< 2	0.07	150	570	< 1	< 5	9	< 10	29	45	54	< 10	4	75	14
POW96X-721	< 1	1.6	< 5	< 10	15	< 1	< 5	1.1	< 1	27	270	32	3.2	1.1	530	< 2	0.06	110	430	< 1	< 5	8	< 10	14	37	31	< 10	5	51	14
POW96X-722	2	1.1	< 5	< 10	60	< 1	< 5	0.34	< 1	37	130	47	4.5	0.76	2100	8	0.02	150	1200	2	< 5	10	< 10	16	47	39	< 10	10	52	6
POW96X-723	< 1	1.8	< 5	< 10	17	< 1	< 5	0.65	< 1	20	200	23	3.3	1.5	610	< 2	0.05	97	560	23	< 5	6	< 10	15	93	44	< 10	5	60	10
POW96X-724	< 1	0.33	< 5	< 10	7	< 1	30	3.8	< 1	17	310	190	2.2	1.3	930	8	0.04	55	480	< 1	< 5	7	< 10	91	31	14	< 10	4	26	8
POW96X-725	< 1	0.97	< 5	< 10	4	< 1	< 5	3.7	< 1	23	250	83	3.4	1.8	950	< 2	0.05	110	310	< 1	< 5	10	< 10	92	92	31	< 10	5	50	14
POW96X-726	< 1	2.2	< 5	< 10	9	< 1	< 5	0.50	< 1	28	260	25	4.0	1.9	640	< 2	0.09	97	610	< 1	< 5	13	< 10	9	1200	84	< 10	6	68	12

T-4
T-5
T-8

A 15 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO CO. ORATION
ATTN: P. CHUBB
PROJ: POW

6W-3210-RG1

TSL/ASSAYE Laboratories
1270 FEWSTER DRIVE, UNIT ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M7945
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File No. : AU29MA
Date : AUG-30-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96C-2400	< 1	1.7	10	< 10	16	< 1	< 5	3.1	< 1	29	200	13	3.3	2.1	630	< 2	0.04	110	630	< 1	< 5	11	< 10	120	13	37	< 10	5	62	12
POW96C-2401	< 1	1.4	< 5	< 10	18	< 1	< 5	5.1	< 1	26	140	27	3.8	2.2	1100	< 2	0.07	130	1200	< 1	< 5	11	< 10	210	21	25	< 10	7	62	9
POW96C-2402	< 1	1.2	< 5	< 10	8	< 1	< 5	6.6	< 1	23	96	10	3.6	2.3	1400	< 2	0.03	140	900	8	< 5	11	< 10	220	6	8	< 10	8	60	6
POW96C-2403	< 1	2.5	5	< 10	9	< 1	< 5	9.0	< 1	46	240	5	6.1	2.6	1400	< 2	0.01	310	820	< 1	< 5	13	< 10	440	17	25	< 10	10	120	9
POW96C-2404	< 1	1.1	< 5	< 10	23	< 1	< 5	4.0	< 1	26	190	130	3.2	1.9	1400	< 2	0.05	120	530	< 1	< 5	7	< 10	79	10	14	< 10	6	39	10
POW96X-1400	< 1	2.1	10	< 10	17	< 1	< 5	2.1	< 1	29	220	15	4.3	2.1	780	< 2	0.08	140	470	< 1	< 5	11	< 10	50	52	57	< 10	4	70	17
POW96X-1401	< 1	2.8	< 5	< 10	26	< 1	< 5	1.7	< 1	29	230	20	4.2	2.2	750	< 2	0.03	130	610	< 1	< 5	6	< 10	21	36	39	< 10	3	85	7
POW96X-1402	< 1	2.8	< 5	< 10	36	< 1	< 5	1.1	< 1	32	250	6	4.5	2.1	690	< 2	0.03	160	630	< 1	< 5	5	< 10	18	31	42	< 10	4	89	12
POW96X-1403	< 1	2.5	10	< 10	26	< 1	< 5	1.9	< 1	32	210	9	4.7	2.1	850	< 2	0.02	140	580	< 1	< 5	6	< 10	41	22	39	< 10	6	91	13
POW96X-1404	< 1	3.0	< 5	< 10	28	< 1	< 5	1.4	< 1	30	270	5	4.5	2.1	830	< 2	0.02	140	600	< 1	< 5	5	< 10	19	37	31	< 10	6	99	9
POW96X-1405	< 1	2.8	10	< 10	26	< 1	< 5	1.3	< 1	27	230	10	4.3	2.0	1000	< 2	0.01	130	550	< 1	< 5	4	< 10	14	26	30	< 10	5	100	10
POW96X-1406	< 1	2.2	< 5	< 10	24	< 1	< 5	2.6	< 1	36	270	11	4.4	2.0	1500	< 2	0.03	130	610	< 1	< 5	6	< 10	33	23	29	< 10	4	78	12
POW96X-1407	< 1	2.9	< 5	< 10	24	< 1	< 5	1.9	< 1	23	260	3	4.2	2.1	600	< 2	0.03	130	560	< 1	< 5	7	< 10	21	37	42	< 10	3	97	12
POW96X-1408	< 1	1.7	< 5	< 10	9	< 1	< 5	3.5	< 1	19	170	41	4.3	2.0	1000	< 2	0.07	140	640	< 1	< 5	10	< 10	43	33	50	< 10	4	61	16
POW96X-1409	< 1	2.0	10	< 10	23	< 1	< 5	3.2	< 1	25	150	85	5.1	2.0	950	< 2	0.04	150	680	< 1	< 5	9	< 10	73	31	39	< 10	5	75	13
POW96X-1410	< 1	1.1	< 5	< 10	25	< 1	< 5	3.5	< 1	22	150	130	4.0	1.9	890	< 2	0.07	120	760	< 1	< 5	12	< 10	100	34	41	< 10	8	46	11
POW96X-1411	< 1	1.7	30	< 10	10	< 1	< 5	2.5	< 1	24	190	120	4.2	2.0	750	< 2	0.06	120	650	< 1	< 5	11	< 10	43	23	49	< 10	5	62	16
POW96X-1412	< 1	1.3	< 5	< 10	20	< 1	< 5	2.2	< 1	43	180	110	4.5	1.7	840	< 2	0.06	140	650	< 1	< 5	12	< 10	54	14	38	< 10	10	52	20
POW96X-1413	< 1	1.5	< 5	< 10	15	< 1	< 5	2.0	< 1	27	180	36	4.7	1.8	720	< 2	0.05	130	670	< 1	< 5	13	< 10	53	19	60	< 10	7	58	20
POW96X-1414	< 1	1.1	15	< 10	19	< 1	< 5	3.8	< 1	25	180	100	3.5	2.1	850	< 2	0.06	120	630	< 1	< 5	14	< 10	120	23	42	< 10	8	47	17
POW96X-1415	< 1	1.6	40	< 10	31	< 1	< 5	3.4	< 1	31	110	120	4.0	1.9	820	< 2	0.05	160	560	< 1	< 5	7	< 10	80	12	15	< 10	6	62	11
POW96X-1416	< 1	1.1	< 5	< 10	20	< 1	< 5	13	< 1	39	580	8	4.1	2.8	1100	< 2	<0.01	740	240	2	20	10	< 10	910	33	16	< 10	10	64	6
POW96X-1417	< 1	3.5	< 5	< 10	36	< 1	< 5	8.2	< 1	72	2700	2	5.3	2.9	850	< 2	<0.01	970	630	< 1	30	11	< 10	630	22	55	< 10	7	55	4
POW96X-1418	< 1	2.1	50	< 10	39	< 1	< 5	1.5	< 1	35	310	85	4.5	1.9	1000	< 2	0.03	180	600	< 1	< 5	5	< 10	26	15	22	< 10	6	56	9
POW96X-1419	< 1	1.8	< 5	< 10	29	< 1	< 5	9.0	< 1	33	420	8	3.5	2.6	840	< 2	0.01	200	840	< 1	< 5	10	< 10	660	5	33	< 10	8	60	8
POW96X-1420	< 1	2.3	10	< 10	33	< 1	< 5	2.9	< 1	28	240	3	4.2	2.2	1100	< 2	0.01	130	550	< 1	< 5	5	< 10	62	15	23	< 10	3	89	6
POW96X-1421	< 1	3.3	15	< 10	22	< 1	< 5	0.89	< 1	33	300	6	4.4	2.2	380	< 2	0.04	130	730	< 1	< 5	5	< 10	26	19	40	< 10	4	78	8
POW96X-5001	25	0.61	450	< 10	6	< 1	< 5	0.11	< 1	47	360	470	6.1	0.37	76	4	0.01	88	290	73	< 5	< 1	< 10	6	9	12	< 10	1	33	13
POW96X-5002	1	1.6	70	< 10	200	< 1	< 5	0.37	< 1	17	170	75	2.9	1.1	200	< 2	0.02	68	580	3	< 5	1	< 10	9	17	17	< 10	2	42	7
POW96X-5003	2	0.52	160	< 10	62	< 1	< 5	1.2	< 1	11	230	19	1.8	1.1	170	4	<0.01	47	340	15	< 5	2	< 10	61	8	14	< 10	2	17	8
POW96X-5004	< 1	1.5	5	< 10	21	< 1	< 5	1.5	< 1	23	300	33	3.4	1.1	420	< 2	0.06	30	340	< 1	< 5	3	< 10	18	11	25	< 10	5	120	16
POW96X-5005	< 1	0.70	50	< 10	31	< 1	< 5	2.2	< 1	30	290	300	2.8	0.93	720	< 2	0.07	43	340	6	< 5	2	< 10	24	6	8	< 10	5	83	14
POW96X-5006	< 1	1.6	< 5	< 10	41	< 1	< 5	1.4	< 1	14	190	36	3.4	1.3	390	< 2	0.04	30	410	< 1	< 5	2	< 10	19	14	18	< 10	4	83	11
POW96X-5007	< 1	0.38	30	< 10	37	< 1	< 5	0.17	< 1	12	220	9	2.2	0.13	110	< 2	0.04	27	190	9	< 5	< 1	< 10	12	4	4	< 10	4	22	23
POW96X-5008	< 1	1.6	15	< 10	58	< 1	< 5	0.91	< 1	17	170	18	3.2	1.1	290	< 2	0.04	25	420	< 1	< 5	2	< 10	18	16	18	< 10	3	63	11

T-8
T-9

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95° C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED : Ray Soon

CAMECO C... ORATION

ATTN: A. FABER

PROJ:

6W-2713-RG1

TSL/ASSAYER ...aboratories

1270 FEWSTER DRIVE, UNIT ... SSISSAUGA, ONTARIO L4W-1A4

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REPORT No. : M782_

Page No. : 1 of 2

File No. : AUO2MA

Date : AUG-07-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-1108	< 1	1.1	< 5	< 10	58	< 1	< 5	0.91	< 1	25	370	6	2.9	1.2	240	< 2	0.04	35	1400	27	< 5	4	< 10	72	120	52	< 10	11	51	3
POW96X-1109	< 1	0.45	5	< 10	64	< 1	5	0.25	< 1	36	690	17	1.8	0.62	250	2	0.01	35	180	12	< 5	4	< 10	32	510	77	< 10	3	26	7
POW96X-1110	< 1	1.9	10	< 10	47	< 1	< 5	0.88	< 1	34	450	59	4.6	2.0	820	< 2	0.03	64	220	17	< 5	19	< 10	37	2400	200	< 10	10	84	16
POW96X-1111	< 1	1.4	< 5	< 10	69	< 1	< 5	0.75	< 1	32	290	60	5.6	1.7	770	4	0.11	69	310	24	< 5	9	< 10	24	3300	180	< 10	12	66	10
POW96X-1112	< 1	1.6	< 5	< 10	79	< 1	< 5	1.5	< 1	33	190	85	4.4	1.7	810	2	0.12	73	290	9	< 5	8	< 10	92	2900	140	< 10	9	65	6
POW96X-1113	< 1	1.4	< 5	< 10	95	< 1	< 5	1.3	< 1	27	160	83	3.9	1.6	730	2	0.13	59	290	7	< 5	9	< 10	97	2900	150	< 10	10	59	7
POW96X-1114	< 1	0.94	< 5	< 10	69	< 1	< 5	0.79	< 1	28	100	64	4.4	1.0	380	2	0.10	36	340	5	< 5	7	< 10	68	2000	120	< 10	9	42	5
POW96X-1115	< 1	1.2	10	< 10	62	< 1	< 5	2.0	< 1	30	230	140	4.0	1.1	670	2	0.14	60	290	4	< 5	10	< 10	96	2700	150	< 10	9	47	8
POW96X-1116	< 1	3.5	< 5	< 10	32	< 1	< 5	3.5	< 1	40	90	17	6.4	2.3	620	2	0.03	80	4300	8	< 5	23	< 10	130	190	180	< 10	16	130	14
POW96X-1117	< 1	1.8	20	< 10	13	< 1	< 5	0.82	< 1	28	160	83	3.7	1.8	470	2	0.09	87	470	7	< 5	6	< 10	25	1700	83	< 10	9	74	4
POW96X-1118	< 1	1.6	< 5	< 10	4	< 1	< 5	1.0	< 1	30	170	150	6.2	1.6	560	40	0.10	29	710	4	< 5	8	< 10	15	3000	140	< 10	16	88	5
POW96X-1119	< 1	1.2	< 5	< 10	10	< 1	< 5	1.0	< 1	33	250	130	5.8	0.82	440	16	0.09	25	970	3	< 5	9	< 10	27	2700	67	< 10	18	87	6
POW96X-1120	< 1	1.5	10	< 10	16	< 1	< 5	1.6	< 1	35	230	110	4.6	1.1	700	6	0.18	38	730	7	< 5	11	< 10	28	3100	100	< 10	21	77	9
POW96X-790	< 1	2.9	< 5	< 10	41	< 1	< 5	1.1	< 1	31	300	43	4.2	2.0	620	2	0.10	130	650	4	< 5	10	< 10	57	2200	83	< 10	9	87	11
POW96X-791	< 1	2.4	10	< 10	54	< 1	< 5	3.0	< 1	33	320	53	4.0	1.8	630	< 2	0.05	120	610	5	< 5	4	< 10	56	170	41	< 10	5	70	4
POW96X-792	< 1	1.4	< 5	< 10	20	< 1	< 5	2.8	< 1	36	190	190	4.2	1.9	1100	28	0.05	130	550	2	< 5	10	< 10	54	56	31	< 10	7	57	15
POW96C-2001	< 1	1.9	< 5	< 10	180	< 1	< 5	4.1	< 1	27	270	42	4.4	2.0	810	2	0.02	34	1900	6	< 5	14	< 10	390	350	150	< 10	16	84	5
POW96C-2002	< 1	2.2	5	< 10	150	< 1	< 5	0.83	< 1	33	490	8	4.0	2.2	340	2	0.04	120	1900	12	< 5	9	< 10	91	150	100	< 10	12	99	4
POW96C-2003	< 1	1.8	10	< 10	150	< 1	< 5	1.2	< 1	45	420	20	3.6	2.0	420	4	0.04	64	1500	19	< 5	8	< 10	140	250	100	< 10	7	85	6
POW96C-2004	< 1	2.7	< 5	< 10	250	1	< 5	4.1	< 1	45	390	42	6.5	2.2	1300	4	0.02	53	4600	8	< 5	18	< 10	510	750	250	< 10	18	120	14
POW96C-2005	< 1	2.0	10	< 10	180	1	< 5	5.1	< 1	34	210	46	5.4	2.0	970	< 2	0.03	40	3400	18	< 5	15	< 10	630	1800	240	< 10	16	94	13
POW96C-2006	< 1	1.6	< 5	< 10	140	< 1	< 5	4.3	< 1	27	180	62	4.2	1.6	770	< 2	0.02	29	1900	8	< 5	12	< 10	510	280	140	< 10	14	81	5
POW96C-2007	< 1	1.5	10	< 10	96	1	< 5	5.1	< 1	27	240	68	4.8	1.8	910	< 2	0.06	42	2700	8	< 5	14	< 10	640	590	180	< 10	16	72	7
POW96C-2008	< 1	1.5	5	< 10	120	< 1	< 5	0.92	< 1	37	360	77	4.0	1.8	280	4	0.05	44	2000	10	< 5	11	< 10	130	250	160	< 10	13	68	7
POW96C-2009	< 1	1.8	< 5	< 10	110	< 1	< 5	0.80	< 1	23	340	120	3.7	1.9	370	4	0.04	41	2000	12	< 5	13	< 10	110	200	170	< 10	14	88	6
POW96C-2010	< 1	2.5	10	< 10	340	< 1	< 5	4.1	< 1	40	290	62	5.3	2.2	840	< 2	0.02	92	3400	5	< 5	12	< 10	430	770	170	< 10	14	100	5
POW96C-2011	< 1	1.9	10	< 10	800	< 1	< 5	7.4	< 1	46	200	82	6.7	2.1	1400	< 2	<0.01	44	4700	4	< 5	19	< 10	640	1200	240	< 10	16	90	9
POW96C-2012	< 1	2.0	< 5	< 10	830	< 1	< 5	7.7	< 1	53	230	65	7.7	2.1	1600	4	<0.01	46	5800	1	< 5	20	< 10	740	1200	290	< 10	19	97	6
POW96C-2014	< 1	1.3	5	< 10	290	< 1	< 5	3.4	< 1	21	190	42	4.3	1.7	890	< 2	0.02	25	2400	16	< 5	9	< 10	460	330	180	< 10	19	87	3
POW96C-2015	< 1	1.1	< 5	< 10	510	< 1	< 5	3.4	< 1	23	190	16	4.0	1.6	770	2	0.03	25	2300	10	< 5	8	< 10	500	430	190	< 10	16	79	2
POW96C-2016	< 1	1.5	< 5	< 10	270	1	< 5	2.8	< 1	23	190	83	4.5	1.7	730	2	0.03	28	2400	10	< 5	10	< 10	430	300	140	< 10	19	91	4
POW96C-2017	< 1	0.97	< 5	< 10	130	< 1	< 5	2.4	< 1	28	250	50	3.7	1.3	620	8	0.05	25	1700	15	< 5	8	< 10	340	180	91	< 10	13	58	7
POW96C-2018	< 1	0.96	< 5	< 10	490	< 1	< 5	3.0	< 1	20	190	67	4.1	1.4	730	< 2	0.03	25	2100	18	< 5	8	< 10	470	280	140	< 10	16	67	1
POW96C-2019	< 1	0.64	10	< 10	1200	< 1	< 5	2.1	< 1	28	280	58	3.6	0.84	650	< 2	0.05	25	1900	63	< 5	7	< 10	430	420	140	< 10	15	56	4
POW96C-2020	< 1	0.85	10	< 10	700	< 1	< 5	2.3	< 1	22	210	54	5.0	1.5	800	< 2	0.03	29	2300	41	< 5	8	< 10	440	630	160	< 10	13	79	8

T-5 T-7 T-8 T-6

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED : Ray Sood

CAMECO GOLD CORP.
ATTN: M. KOZIOL
PROJ:

6W-2604-RG1

TSL/ASSAYE Laboratories

1270 FEWSTER DRIVE, UNIT - MISSISSAUGA,ONTARIO L4W-1A4
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REPORT No. : M7768
Page No. : 1 of 1
File No. : JL27MA
Date : JUL-29-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW-96X593																														
POW-96X594	< 1	0.51	10	< 10	370	< 1	< 5	2.4	< 1	18	170	56	2.7	0.73	920	< 2	0.04	41	1600	9	< 5	6	< 10	210	120	67	< 10	15	48	2
POW-96X595	< 1	0.57	5	< 10	230	< 1	< 5	0.70	< 1	30	460	18	2.4	0.63	570	< 2	0.05	37	2000	12	< 5	5	< 10	150	350	100	< 10	12	36	< 1
POW-96X596	< 1	0.25	< 5	< 10	680	< 1	5	0.43	< 1	20	780	11	1.3	0.30	330		2<0.01	29	220	7	< 5	1	< 10	130	76	49	< 10	3	20	7
POW-96X597	< 1	0.80	< 5	< 10	180	< 1	< 5	1.8	< 1	16	170	61	3.3	0.84	720	< 2	0.05	21	1400	18	< 5	6	< 10	270	200	89	< 10	15	53	2
POW-96X598	< 1	0.90	< 5	< 10	72	< 1	< 5	0.63	< 1	28	320	13	3.3	1.1	330	< 2	0.02	23	890	17	< 5	4	< 10	80	92	94	< 10	6	61	11
POW-96X599	< 1	0.58	< 5	< 10	46	1	< 5	2.2	< 1	29	380	58	4.6	0.91	840	8	0.03	32	2300	21	< 5	10	< 10	210	180	95	< 10	15	57	4
POW-96X600	< 1	0.64	15	< 10	36	< 1	< 5	2.4	< 1	37	440	48	4.7	1.1	990	16	0.03	42	1800	32	< 5	9	< 10	280	460	120	< 10	11	72	13
POW-96X601	< 1	1.9	< 5	< 10	20	2	< 5	1.9	< 1	35	260	110	5.2	2.0	540	4	0.02	29	2400	12	< 5	9	< 10	190	180	130	< 10	14	150	5
POW-96X602	< 1	1.3	< 5	< 10	51	1	< 5	2.8	< 1	25	170	130	4.9	1.2	730	< 2	0.05	25	3300	8	< 5	11	< 10	340	320	140	< 10	19	67	3
POW-96X603	< 1	2.9	< 5	< 10	190	2	< 5	4.8	< 1	40	280	130	7.0	2.2	950	< 2	<0.01	89	4800	< 1	< 5	18	< 10	570	590	230	< 10	17	140	6
POW-96X604	< 1	1.7	< 5	< 10	440	1	< 5	3.4	< 1	31	340	80	4.9	1.9	780	< 2	0.04	56	2500	< 1	< 5	8	< 10	420	2000	180	< 10	12	95	6
POW-96X605	< 1	0.33	5	< 10	800	< 1	< 5	0.93	< 1	11	260	31	1.5	0.41	340	< 2	0.08	23	340	8	< 5	2	< 10	120	270	58	< 10	3	18	30
POW-96X606	< 1	0.61	< 5	< 10	120	< 1	< 5	2.3	< 1	29	400	13	4.0	0.87	660	10	0.03	43	1600	13	< 5	9	< 10	260	290	160	< 10	11	53	9
POW-96X607	< 1	1.3	< 5	< 10	160	< 1	< 5	4.0	< 1	33	330	71	5.2	1.8	780	< 2	0.02	52	2400	19	< 5	14	< 10	470	540	180	< 10	13	90	6
POW-96X608	< 1	2.1	< 5	< 10	260	2	< 5	8.3	< 1	33	250	37	5.8	2.0	1200	< 2	<0.01	50	4000	< 1	< 5	17	< 10	660	890	300	< 10	14	110	8
POW-96X609	< 1	0.40	5	< 10	200	< 1	10	0.47	< 1	38	1100	14	1.9	0.51	180	38	<0.01	43	660	17	< 5	2	< 10	61	77	55	< 10	2	23	3
POW-96X610	< 1	2.2	< 5	< 10	1500	1	< 5	5.5	< 1	37	250	33	8.0	2.0	1300	< 2	<0.01	42	3800	< 1	< 5	11	< 10	660	1000	230	< 10	18	110	< 1
POW-96X611	< 1	0.93	< 5	< 10	800	< 1	< 5	4.3	< 1	28	400	20	5.4	1.2	850	< 2	0.03	35	3400	11	< 5	5	< 10	510	1400	200	< 10	20	61	< 1
POW-96X612	< 1	1.2	< 5	< 10	1100	< 1	< 5	5.3	< 1	29	180	22	5.1	1.6	780	< 2	0.04	33	4400	4	< 5	3	< 10	520	780	160	< 10	19	81	< 1
POW-96X613	< 1	1.2	< 5	< 10	140	2	< 5	3.3	< 1	29	190	110	5.2	1.4	830	< 2	0.03	26	2700	27	< 5	7	< 10	260	1400	170	< 10	12	100	4
POW-96X1100	< 1	0.36	5	< 10	81	< 1	5	0.88	< 1	20	710	11	1.4	0.38	200	< 2	<0.01	25	1500	2	< 5	2	< 10	110	97	45	< 10	5	22	4
POW-96X1101	< 1	1.7	20	< 10	210	< 1	< 5	1.7	< 1	32	300	56	5.3	1.6	830	< 2	0.04	46	4100	2	< 5	12	< 10	150	230	170	< 10	18	87	3
POW-96X1102	< 1	0.93	< 5	< 10	140	< 1	< 5	3.1	< 1	31	270	90	4.4	1.3	980	< 2	<0.01	44	3200	9	< 5	14	< 10	230	150	93	< 10	15	58	5
POW-96X1103	< 1	1.5	< 5	< 10	95	< 1	< 5	5.9	< 1	40	200	190	7.0	2.0	1300	< 2	<0.01	61	5400	16	< 5	24	< 10	410	190	200	< 10	23	87	6
POW-96X1104	< 1	0.85	10	< 10	290	2	< 5	5.7	< 1	37	300	28	4.9	2.0	1100	< 2	0.02	48	3200	75	< 5	18	< 10	660	880	250	< 10	16	81	11
POW-96X1105	< 1	0.59	5	< 10	160	< 1	< 5	4.4	< 1	41	370	26	4.6	1.6	990	< 2	0.02	44	2400	43	< 5	17	< 10	550	580	280	< 10	16	75	10
POW-96X1106	< 1	0.35	< 5	< 10	140	< 1	< 5	2.2	< 1	25	360	23	4.0	0.70	700	< 2	0.03	46	3600	56	< 5	13	< 10	280	400	190	< 10	18	49	4
POW-96X1107	< 1	1.7	< 5	< 10	280	2	< 5	6.3	< 1	30	370	73	5.8	1.9	1100	< 2	<0.01	50	3400	< 1	< 5	6	< 10	670	1300	230	< 10	11	100	< 1

T-6

T-4

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3 at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO CORPORATION
ATTN: M. KOZIOL & P. CHUBB
PROJ: POW

6W-2442-RG1

TSL/ASSAYE Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
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REPORT No. : M7719
Page No. : 1 of 1
File No. : JL12MA
Date : JUL-15-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-553	< 1	0.84	< 5	< 10	17	< 1	< 5	0.84	< 1	28	210	59	5.7	0.60	350	8	0.12	16	1000	2	< 5	7	< 10	30	1900	51	< 10	19	59	2
POW96X-554	< 1	1.2	< 5	< 10	9	< 1	< 5	1.0	< 1	31	200	78	7.8	0.82	510	6	0.17	19	1000	3	< 5	10	< 10	24	2600	58	< 10	22	79	3
POW96X-555	3	0.97	< 5	< 10	5	< 1	< 5	2.2	< 1	16	180	120	6.8	0.85	380	< 2	0.09	13	760	280	< 5	11	< 10	18	2900	110	< 10	18	72	16
POW96X-556	2	1.6	5	< 10	19	< 1	< 5	2.6	< 1	33	220	150	6.8	1.5	680	< 2	0.08	27	700	14	< 5	12	< 10	26	3500	150	< 10	16	120	12
POW96X-559	2	2.6	< 5	< 10	12	< 1	< 5	2.4	< 1	21	150	17	6.8	2.1	730	2	0.05	69	740	18	< 5	17	< 10	14	3600	140	< 10	17	120	11
POW96X-561	< 1	2.3	10	< 10	11	< 1	< 5	1.9	< 1	27	170	50	6.0	2.1	640	< 2	0.10	67	720	5	< 5	13	< 10	14	2900	130	< 10	20	96	7
POW96X-564	< 1	1.5	5	< 10	28	< 1	< 5	1.2	< 1	28	220	41	4.8	0.88	590	< 2	0.19	20	1100	2	< 5	10	< 10	21	1900	49	< 10	18	81	8
POW96X-565	< 1	1.3	< 5	< 10	16	< 1	< 5	1.2	< 1	29	200	170	5.1	0.80	540	< 2	0.14	19	1000	2	< 5	8	< 10	26	2300	41	< 10	16	73	5
POW96X-566	< 1	3.4	10	< 10	43	< 1	< 5	2.5	< 1	46	360	86	6.9	1.9	1300	< 2	0.16	190	300	< 1	< 5	28	< 10	12	2800	210	< 10	11	63	16
POW96X-567	< 1	0.96	< 5	< 10	11	< 1	< 5	1.8	< 1	30	150	120	6.5	0.63	510	< 2	0.11	15	1100	24	< 5	7	< 10	43	3500	45	< 10	14	65	8
POW96X-568	< 1	1.2	5	< 10	5	< 1	< 5	0.73	< 1	16	340	26	3.6	1.1	310	< 2	0.08	52	730	2	< 5	3	< 10	23	1800	53	< 10	11	32	2
POW96X-570	< 1	1.6	< 5	< 10	8	< 1	< 5	0.72	< 1	24	600	36	3.8	1.7	410	< 2	0.08	70	720	2	< 5	4	< 10	23	1600	50	< 10	11	46	< 1
POW96X-571	< 1	1.6	10	< 10	13	< 1	< 5	1.6	< 1	22	390	10	2.4	0.42	240	< 2	0.05	23	610	1	< 5	6	< 10	83	2400	33	< 10	37	20	15
POW96X-572	< 1	1.8	5	< 10	11	< 1	< 5	0.71	< 1	16	280	46	4.3	1.1	380	< 2	0.11	18	580	2	< 5	9	< 10	16	1900	52	< 10	41	52	6
POW96X-573	< 1	1.6	10	< 10	16	< 1	< 5	1.5	< 1	30	410	20	3.1	0.64	310	4	0.03	20	530	< 1	< 5	6	< 10	42	1800	36	< 10	41	37	8
POW96X-700	< 1	0.54	< 5	< 10	510	< 1	< 5	3.4	< 1	15	120	69	3.8	1.0	650	< 2	0.07	20	3600	3	< 5	3	< 10	310	1100	88	< 10	20	65	< 1
POW96X-701	< 1	2.7	< 5	< 10	48	< 1	< 5	1.7	< 1	25	240	36	3.8	2.0	640	< 2	0.07	95	460	< 1	< 5	5	< 10	51	1700	61	< 10	4	63	4
POW96X-702	< 1	1.1	< 5	< 10	41	< 1	< 5	2.6	< 1	36	170	340	5.9	0.57	600	< 2	0.22	36	410	67	< 5	11	< 10	160	3000	160	< 10	11	37	12
POW96X-703	< 1	3.9	< 5	< 10	5	< 1	< 5	3.0	< 1	30	33	45	9.2	1.5	980	< 2	0.02	15	570	6	< 5	29	< 10	51	310	280	< 10	10	350	8
POW96X-704	< 1	3.4	< 5	< 10	19	< 1	< 5	0.95	< 1	39	45	42	8.8	2.0	1100	4	0.05	26	580	< 1	< 5	10	< 10	41	4300	210	< 10	14	200	8
POW96X-705	< 1	3.5	< 5	< 10	34	< 1	< 5	4.3	< 1	31	120	81	5.6	2.0	920	< 2	0.01	100	520	< 1	< 5	8	< 10	120	290	79	< 10	5	160	5
POW96X-706	< 1	2.0	20	< 10	31	< 1	< 5	0.36	< 1	25	190	65	4.3	1.1	370	< 2	0.01	93	490	4	< 5	3	< 10	11	89	35	< 10	3	620	6
POW96X-707	< 1	2.7	20	< 10	22	< 1	< 5	1.1	< 1	40	60	68	7.9	1.9	1000	< 2	0.01	38	450	6	< 5	13	< 10	45	4200	280	< 10	10	150	2
POW96X-708	< 1	2.9	10	< 10	33	< 1	< 5	0.57	< 1	41	100	24	7.0	1.5	740	< 2	0.06	97	670	< 1	< 5	12	< 10	17	220	81	< 10	5	140	7
POW96X-709	< 1	1.3	< 5	< 10	21	< 1	< 5	2.5	< 1	23	430	8	1.7	0.15	250	6	0.03	19	570	4	< 5	6	< 10	100	2100	33	< 10	34	19	14
POW96X-710	< 1	2.0	5	< 10	11	< 1	< 5	3.7	< 1	33	76	68	5.8	1.9	980	< 2	0.07	50	320	15	< 5	21	< 10	70	1900	250	< 10	11	100	14
ASHLIO	< 1	1.1	20	< 10	3	< 1	< 5	5.5	28	100	620	82	2.7	0.60	330	< 2	0.01	250	270	2800	< 5	5	< 10	72	850	45	< 10	3	3300	6

T-7

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO CORPORATION
ATTN:
PROJ:

6W-2837-RA1

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

REPORT No. : **M7848**
Page No. : 1 of 1
File No. : AU08MA
Date : AUG-08-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X650	< 1	0.74	50	< 10	19	< 1	< 5	5.9	< 1	18	230	56	4.0	2.2	1000	< 2	0.02	120	190	< 1	< 5	3	< 10	140	20	15	< 10	2	51	3
POW96X651	< 1	2.1	15	< 10	37	< 1	< 5	0.90	< 1	24	70	71	3.8	1.3	580	< 2	0.06	25	470	1	< 5	3	< 10	18	31	18	< 10	3	75	7
POW96X652	< 1	1.6	100	< 10	10	< 1	< 5	0.19	< 1	29	410	44	5.7	1.1	370	< 2	0.10	67	310	12	< 5	4	< 10	7	440	41	< 10	3	550	18
POW96X653	< 1	1.5	20	< 10	37	< 1	< 5	0.24	< 1	27	180	44	3.6	0.87	340	< 2	0.04	150	340	< 1	< 5	2	< 10	8	1100	27	< 10	3	82	11
POW96X654	< 1	2.3	< 5	< 10	10	< 1	< 5	0.23	< 1	23	360	170	9.3	1.8	480	4	0.03	45	590	4	< 5	4	< 10	3	970	54	< 10	4	86	9
POW96X655	< 1	0.35	25	< 10	14	< 1	< 5	3.9	< 1	31	67	77	6.9	1.9	1100	< 2	0.03	58	150	1	< 5	12	< 10	59	56	14	< 10	4	63	6
POW96X1123	< 1	1.2	70	< 10	2	< 1	< 5	0.98	< 1	25	190	130	5.6	0.82	530	2	0.07	14	1100	< 1	< 5	6	< 10	34	1900	21	< 10	12	68	5
POW96X1124	< 1	1.5	5	< 10	29	< 1	< 5	0.50	< 1	17	270	56	3.0	1.2	400	< 2	0.13	43	400	< 1	< 5	4	< 10	19	1300	49	< 10	6	65	12
POW96X1125	< 1	2.0	20	< 10	8	< 1	< 5	0.50	< 1	20	190	9	4.4	1.9	500	< 2	0.08	52	600	< 1	< 5	3	< 10	18	1200	51	< 10	8	66	3
POW96X1126	< 1	0.87	< 5	< 10	5	< 1	< 5	0.34	< 1	32	400	81	4.7	1.0	280	20	0.06	54	760	46	< 5	8	< 10	8	1500	62	< 10	8	59	8
POW96X1127	< 1	1.8	5	< 10	7	< 1	< 5	1.2	< 1	22	150	160	6.5	2.0	520	10	0.07	51	590	11	< 5	9	< 10	8	1800	120	< 10	11	78	5
POW96X1128	< 1	0.94	30	< 10	10	< 1	< 5	0.58	< 1	23	370	34	4.2	1.3	290	270	0.04	52	410	100	< 5	9	< 10	7	1600	89	< 10	15	43	9

T-7

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO C. PORATION
ATTN: A. FABER
PROJ:

6W-2713-RG1

TSL/ASSAYI Laboratories
1270 FEWSTER DRIVE, UNI1 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M7821
Page No. : 2 of 2
File No. : AU02MA
Date : AUG-07-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #		Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96C-2021	T-6	< 1	0.70	5	< 10	270	< 1	< 5	2.0	< 1	63	200	230	3.9	1.0	780	< 2	0.02	27	2000	5	< 5	7	< 10	390	560	140	< 10	11	140	4
POW96C-2022		< 1	1.0	20	< 10	530	< 1	< 5	2.5	< 1	24	210	53	5.2	1.6	810	< 2	0.03	32	2600	13	< 5	8	< 10	420	890	170	< 10	14	91	8
POW96C-2023		< 1	1.1	< 5	< 10	220	< 1	< 5	3.0	< 1	30	260	97	5.2	1.6	1000	4	0.04	32	2600	12	< 5	10	< 10	410	400	160	< 10	17	100	6
POW96C-2024		< 1	1.2	< 5	< 10	100	< 1	< 5	2.7	< 1	41	270	62	5.2	1.7	950	8	0.04	35	2500	12	< 5	9	< 10	370	380	150	< 10	15	110	8
POW96C-2025		< 1	1.2	< 5	< 10	160	< 1	< 5	2.6	< 1	38	250	62	5.4	1.7	1100	8	0.03	36	2900	13	< 5	10	< 10	420	380	160	< 10	16	100	2
POW96C-2026	T-5	< 1	1.7	10	< 10	21	< 1	< 5	0.24	< 1	42	240	26	3.9	1.8	390	4	0.05	82	720	24	< 5	9	< 10	16	45	96	< 10	6	61	11
POW96C-2025A		< 1	1.8	< 5	< 10	19	< 1	< 5	0.89	< 1	28	170	6	3.7	1.8	340	4	0.05	76	670	< 1	< 5	7	< 10	31	73	90	< 10	7	73	13
POW96C-2028		< 1	1.2	< 5	< 10	100	< 1	< 5	3.7	< 1	25	230	50	4.0	1.6	790	2	0.03	36	2400	18	< 5	11	< 10	300	450	150	< 10	15	54	6
POW96C-2029		< 1	3.2	10	< 10	98	< 1	< 5	0.69	< 1	66	480	170	6.5	2.2	1100	16	<0.01	250	2400	36	< 5	16	< 10	83	160	200	< 10	14	100	13
POW96C-2030		< 1	1.6	< 5	< 10	60	< 1	< 5	1.2	< 1	27	190	70	3.8	1.7	640	46	0.02	88	1900	30	< 5	11	< 10	110	140	91	< 10	11	58	13
POW96C-2032	T-4	< 1	1.7	10	< 10	58	1	< 5	0.30	< 1	23	95	82	3.1	1.6	360	4	0.04	74	540	7	< 5	8	< 10	24	69	66	< 10	9	47	10
POW96C-2033		< 1	1.9	< 5	< 10	54	1	< 5	0.14	< 1	23	93	80	3.3	1.7	300	4	0.03	64	540	16	< 5	7	< 10	12	53	67	< 10	8	58	10
POW96C-2034		< 1	1.3	< 5	< 10	130	1	< 5	1.6	< 1	19	98	96	3.7	1.7	710	< 2	0.04	27	2300	7	< 5	10	< 10	150	350	100	< 10	15	61	3
POW96C-2035		< 1	1.2	< 5	< 10	250	1	< 5	2.6	< 1	19	91	48	3.7	1.6	760	< 2	0.04	25	2200	14	< 5	9	< 10	200	750	92	< 10	16	62	4
POW96C-2036		< 1	1.1	5	< 10	23	1	< 5	3.5	< 1	33	140	64	4.1	1.6	830	2	0.02	30	2300	11	< 5	12	< 10	290	500	120	< 10	15	60	12
POW96C-2037		< 1	1.1	5	< 10	220	< 1	< 5	3.5	< 1	23	160	31	4.2	1.7	760	< 2	0.01	36	2600	15	< 5	12	< 10	380	1000	220	< 10	15	68	10
POW96C-2038		< 1	1.7	< 5	< 10	120	< 1	< 5	4.3	< 1	36	200	60	5.2	1.9	960	< 2	<0.01	48	3800	45	< 5	16	< 10	470	1200	240	< 10	17	110	11
POW96C-2039		< 1	1.4	10	< 10	80	< 1	< 5	3.3	< 1	26	160	32	4.2	1.8	680	< 2	0.02	35	3100	16	< 5	11	< 10	370	950	190	< 10	15	88	8
POW96C-2010 A		< 1	3.0	< 5	< 10	110	< 1	< 5	1.3	< 1	37	200	34	5.4	2.2	770	< 2	<0.01	96	3600	2	< 5	14	< 10	170	270	160	< 10	17	110	6
POW96C-2028 A		< 1	1.9	5	< 10	91	2	< 5	1.2	< 1	28	160	87	4.5	1.9	920	6	0.02	61	2600	32	< 5	15	< 10	100	210	120	< 10	17	67	10

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Metallic Assay Certificate

6W-2444-RM1

Company: **CAMECO CORPORATION**
Project: POW
Attn: M.Koziol/P.Cuhbb

Date: JUL-15-96

We hereby certify the following Metallic Assay of 6 Grab samples submitted JUL-08-96 by .

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au +100(g/t)	Assay Value Au -100(g/t)	Total Weight Au +100(mg)	Total Weight Au -100(mg)	Metallic Au (oz/ton)	Metallic Au (g/t)	Net Au (oz/ton)	Net Au (g/t)
POW96X-556	817.00	26.60	0.02	0.01	0.001	0.008	0.000	0.00	0.000	0.01
POW96X-557	963.50	33.70	0.01	0.01	0.000	0.009	0.000	0.00	0.000	0.01
POW96X-558	774.73	17.93	0.01	0.01	0.000	0.008	0.000	0.00	0.000	0.01
POW96X-562	1612.30	1.70	0.15	0.01	0.000	0.016	0.000	0.00	0.000	0.01
POW96X-563	926.72	2.62	0.08	0.01	0.000	0.009	0.000	0.00	0.000	0.01
POW96X-569	494.28	3.48	0.01	0.01	0.000	0.005	0.000	0.00	0.000	0.01

T-7

Certified by _____

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

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Metallic Assay Certificate

6W-1940-RM1

Company: **CAMECO CORPORATION**

Date: JUN-10-96

Project:

Attn: A. Fabert

We hereby certify the following Metallic Assay of 2 Rock samples submitted JUN-01-96 by A. Faber.

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au +100(g/t)	Assay Value Au -100(g/t)	Total Weight Au +100(mg)	Total Weight Au -100(mg)	Metallic Au (oz/ton)	Metallic Au (g/t)	Net Au (oz/ton)	Net Au (g/t)
POW96X-534	592.90	1.15	0.61	0.54	0.001	0.320	0.000	0.00	0.016	0.54
POW96X-535	765.08	15.48	0.05	0.10	0.001	0.075	0.000	0.00	0.003	0.10

One assay ton portion used.

Certified by G. Faber

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

APPENDIX D-2

WHOLE ROCK ASSAY CERTIFICATES

CAMECO (ORATION
ATTN: M. KOZIOL & P. CHUBB
PROJ: POW

TSL/ASSAYER Laboratories
1270 FEWSTER DRIVE, UN. ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M7[illegible]0
Page No. : 1 of 1
File No. : JL12RA
Date : JUL-15-1996

6W-2442-RG1

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	TiO2	MnO	P2O5	Ba	Sr	Zr	Y	Sc	Be	Co	Cr	Cu	Ni	V	Zn	Nb	Rb	LOI	TOTAL
	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
POW96X-560	50.26	15.18	12.85	6.26	6.58	2.84	2.06	1.18	0.20	0.22	230	250	100	36	30	< 1	20	315	25	50	165	80	< 30	<0.05	2.27	99.91
POW96X-700	49.06	5.60	13.65	11.69	9.51	3.25	1.92	1.33	0.26	1.22	580	390	80	38	42	4	20	255	70	20	340	65	< 30	<0.05	3.20	%100.69

TSL/96

SIGNED :

TSL/ASSAYERS Laboratories
1270 FEWSTER DRIVE, UNIT .SSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO CC ORATION
ATTN:
PROJ:

6W-2831-RA1

REPORT No. : M784
Page No. : 1 of 1
File No. : AU08RA
Date : AUG-09-1996

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	KZO	TiO2	MnO	P2O5	Ba	Sr	Zr	Y	Sc	Be	Co	Cr	Cu	Ni	V	Zn	Nb	Rb	LOI	TOTAL
	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
POW96X-593	34.21	6.28	6.16	17.34	9.43	0.29	1.62	0.30	0.24	0.04	210	520	20	4	17	2	45	1595	20	560	155	50	< 30	<0.05	24.64%	100.54
POW96X-1121	63.35	11.48	9.49	3.46	2.61	4.86	0.50	1.11	0.11	0.26	100	150	320	102	25	1	15	680	45	55	145	60	< 30	<0.05	0.94	98.17
POW96X-1122	54.56	11.59	15.92	8.11	2.61	3.15	0.62	1.69	0.24	0.42	90	190	170	64	35	< 1	40	875	45	20	100	125	< 30	<0.05	0.68	99.59
POW96X-1124	49.98	14.21	14.38	6.74	6.39	4.11	1.32	1.17	0.27	0.14	960	250	70	28	46	< 1	50	215	60	70	340	75	< 30	<0.05	1.33%	100.04
POW96X-1125	49.56	14.71	11.85	6.32	6.49	3.63	2.16	1.20	0.21	0.20	190	280	90	34	32	< 1	35	295	50	100	170	90	< 30	<0.05	2.00	98.34

SIGNED :

TSL/96

APPENDIX E

Report on the 1996 Mapping Program (East-Block)

CAMECO CORPORATION

POWELL PROJECT

GEOLOGY REPORT FOR CLAIM 1198142

January 31, 1997

Alain Faber
Geologist

Peter Chubb
Geologist

SUMMARY AND RECOMMENDATIONS

From August 26-29, 1996, 14km of grid mapping was carried out on claim 1198142. The mapped area is underlain by massive and pillowed mafic volcanic flows to the north and greywacke to the south. The contact between the volcanic and sedimentary rocks is characterized by a 400m transition zone characterized by interlayered basalt and mudstone. Gabbroic dikes striking north-south are related to the Matachewan dike swarm. Minor occurrences of syenite are also present.

The Kirkland-Larder Lake Break which is interpreted to be at the contact between the mafic volcanic and sedimentary rocks, was not recognized in the rock exposure. A narrow mylonite zone (two to three metres wide) and several 1cm epidote-sericite-rich, highly strained zones are the only traces of deformation on the property.

The volcanic and sedimentary rocks contain trace amounts of pyrite along fractures. Between L6E to L10E, from 600S and 650S, mafic volcanic rocks are characterized by an east-west striking pyrite mineralized zone. The pyrite zone is moderately deformed and contains up to 7% disseminated and fracture related pyrite. On L6E, the pyrite content reaches 25% and is characterized by coarse grained pyrite (up to 3mm crystals). From the 65 samples collected, the best gold assay returned 47ppb.

A magnetometer survey is recommended to better define the contact between the volcanic and the sedimentary units.

TABLE OF CONTENTS

APPENDICES

LIST OF FIGURES

LIST OF MAPS

CAMECO CORPORATION
POWELL PROJECT
Report on the 1996 Exploration Program

1.0 INTRODUCTION

1.1 Property Location and Access

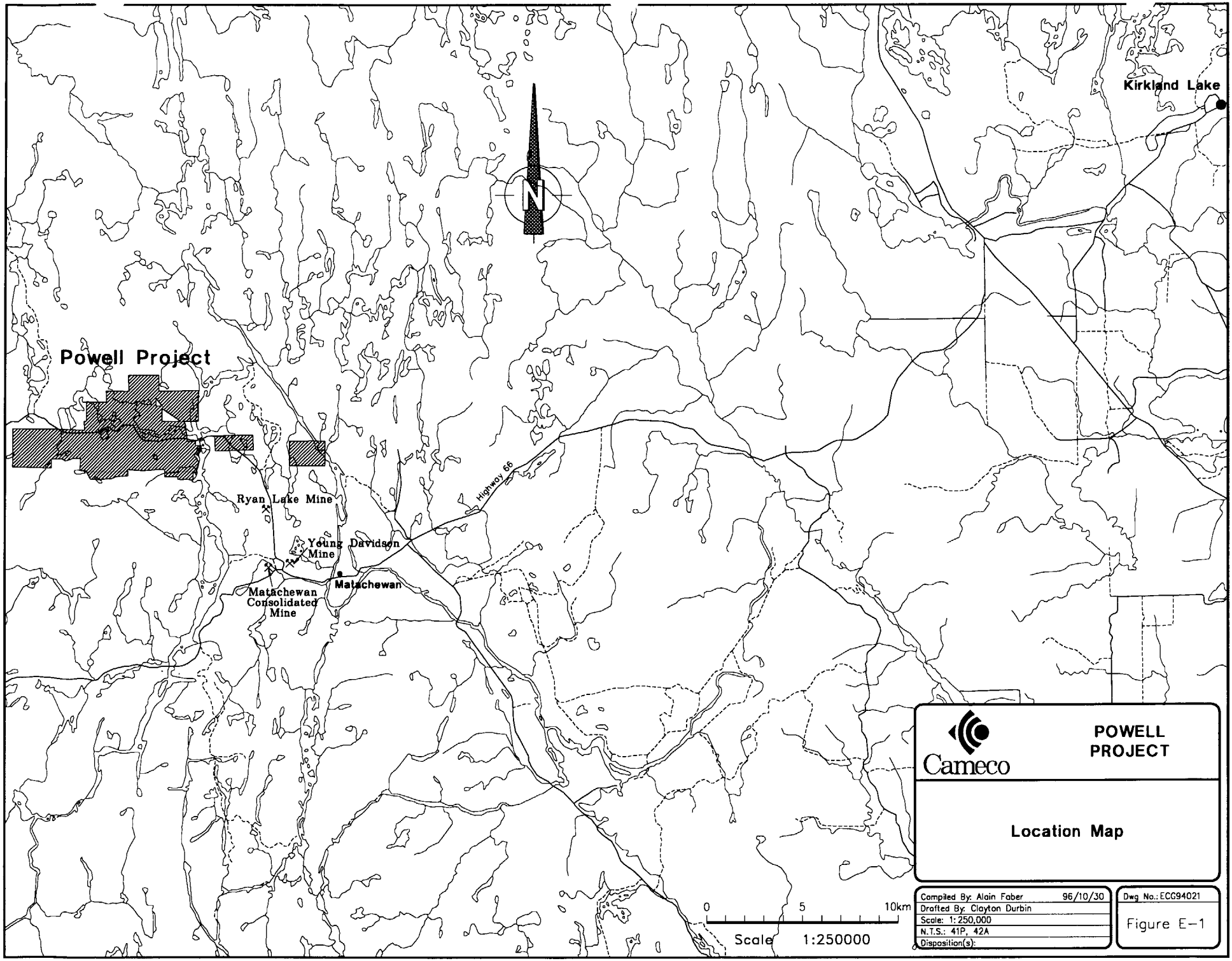
Claim 1198142 covers an area of 192 ha and is one of 126 claims that makes up the Powell project (Fig. E-2). The claim is located in the Powell and Cairo townships, approximately 7km north of Matachewan, Ontario, along Montreal River (Figure E-1). Access is provided by waterways including two portages. The western boundary of the property is about 800m east of the trail leading to the old Matachewan hydro dam.

1.2 Claim Ownership and Land Status

Cameco owns 100% of claim 1198142 which contains 12 units. A total of $4800.00 in assessment work is required by April 4, 1996.

1.3 Topography and Vegetation

The Montreal River crosses the northeastern corner of the property. High relief characterizes the shore line with rock cliffs and very steeply dipping till ridge slopes. The remaining of the property is characterized by low relief which includes rolling hills, sand plains, muskeg, and cliff-rock exposures. Vegetation includes poplar, birch, pine and spruce trees in the highlands and cedar forest and alder in lowland areas. Hills are covered by a veneer of sand, gravel and till. Till ridges are


Kirkland Lake
N
Powell Project
Highway 66
Ryan Lake Mine
Young Davidson Mine
Matachewan
Matachewan Consolidated Mine
0
5
10km
Scale 1:250000
Cameco
POWELL PROJECT
Location Map
Compiled By: Alain Faber 96/10/30
Drafted By: Clayton Durbin
Scale: 1:250,000
N.T.S.: 41P, 42A
Disposition(s):
Dwg No.: ECG94021
Figure E-1

Argyle Twp.

Baden Twp.

Bannockburn Twp.

Powell Twp.

Ashley Lake

Powell Lake

Mistinikon Lake

West Montreal River

Highway 566

not Cameco

1205664
1205667
1205665
1198141
1198140
1205666
1118380
1205687
1205689
1205688
1048629 1048630 1048631 1048632 1048633 1048634
1048639 1048638 1048637 1048636 1048635
1048694 1048627 1048628 1048695 1048696
1048697 1048698 1048699 1048700 1048701
1048620 1048621 1048622 1048623 1048624 1048702 1048703 1048704 1048705 1048706
1048625 1048707 1048708 1048709 1048710 1048711
1048626 1048712 1048713 1048714 1048715 1048716
1048717 1048718 1048719 1048720 1048721
1046961 1046960
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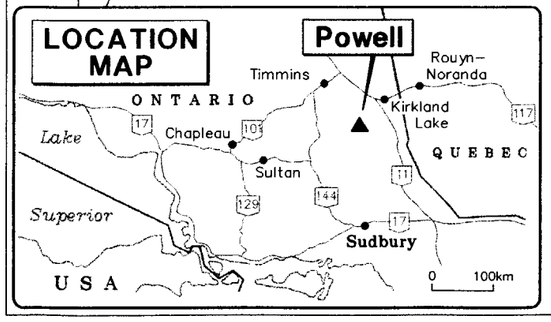
1046949 1046970 1046968 1046964 1046963 1046958 1046956
1046975 1046974 1046969 980239 980238 1047775 1047779 1047783 1047787
979112 979107 971911 971906 981890 1047776 1047780 1047784 1047788
979111 979108 971910 971907 981896 1047777 1047781 1047785 1047789
979110 979109 971909 971908 981897 1047778 1047782 1047786 1047790
1186330
1198131 1198132
1185693
1198130
1198129
1198133 1198136 1198137 1198139
1198134 1198135 1198138
not Cameco
1198142

N

0 500 1000 1500 2000 2500 3000 3500 4000m

Scale 1:40000

LOCATION MAP



Cameco

POWELL PROJECT

Claim Map

Compiled By: Alain Faber	96/10/30
Drafted By: Clayton Durbin	
Scale: 1:40,000	
N.T.S.:	Datum: Nad 27
Disposition(s):	

Dwg No.: ECG96002

Figure E–2

frequent. The property lies within the Hudson Bay watershed.

1.4 Previous Exploration

Lovell (1967) mapped the geology of the Powell, Baden, Cairo and Alma townships in 1964 on a scale of 1:31680. He located the contact between the sediments and the mafic volcanic rocks at the centre of the property.

Regional mapping of Powell, Bannockburn, and Montrose townships was carried out in 1995 by Larry Jensen (Jensen, 1996). He mapped Kirkland-Larder Lake Break on claim 1198142, at the contact between the sediments and the mafic volcanic rocks.

1.5 1996 Exploration Program

From August 26 to August 29, 1996, Alain Faber and Peter Chubb mapped the geology of claim 1198142. The mapping outlined a regional lithological contact between sediments and volcanic rocks. A total of 65 samples were collected and sent for gold and multi-element (fire assay/AA). Two samples were also sent for whole rock. A 100m spacing grid with stations every 25m was previously cut by Cameco.

2.0 GEOLOGY

2.1 Regional Geology

Claim 1198142 lies within the western part of the Abitibi Greenstone Belt, and is underlain by Archean aged mafic volcanic rocks and meta-sediments. The property lies within a regional structural corridor which extends some 20 kilometres south west towards the Shining Tree area and

to the east past Kirkland Lake. This corridor is believed to be an extension of the Kirkland Lake Break (Powell, 1991 and Jensen, 1996) and is host to a number of gold occurrences as well as a former and present gold producers including Kerr Addison and Macassa.

2.2 Property Geology

The geology is divided in two rock units, namely, mafic volcanic rocks (Unit 1) an sediments (unit 6) (See Map E-1). The northern three quarter of the property is characterized by massive and pillowed flows. The massive flows are dark green, fine grained and locally show flow breccia. Epidote and sericite alteration are locally present and are mostly associated to narrow (<3cm), high strained zone or veins. Minor magnetite is also present in the massive flows. The pillowed flows are weakly to moderately flattened and no flow top direction has been identified. The pillows are up to 100cm in diameter and the salvedges are weakly to moderately chloritized and locally bleached. Minor disseminated pyrite mineralization is associated with the mafic volcanic rocks.

The southern part of the property is characterized by a medium greenish beige, fine to medium grained cherty greywacke. On L10E/11+50S, the greywacke is conglomeratic with 2-3mm polymictic grains. Up to 1% pyrite occurs along fractures in the sediments.

Between the mafic volcanic rocks and the sediments, a 400m transition zone is characterized by interlayering of basalt and very fine grained, magnetic sediments. The basalt is similar to the rocks found in the north of the property. The fine-grained component of the transition zone contains what appears to be 20-30% calcareous mottled rock or broken beds. The calcareous fragments sits in a very dark green, magnetic matrix. In places, the calcareous fragments show mylonite textures. The calcareous rocks contain 1% pyrite along fractures and show a gossan weathered surface.

Several gabbroic dikes were mapped on the property and follow a north-south trend related to the Matachewan dike swarm. The gabbro is fine to medium grained and magnetic. It contains up to

1% disseminated pyrite.

Several syenite occurrences (L1E, L5E, L7E, and L9E) were mapped on the property (outcrops and angular floats). The felsic intrusive rocks are medium grained and weakly altered (potassic/hematite alteration). Minor quartz eyes also characterize the syenite. In places, smoky quartz veins cutt the syenite. The most quartz veins are found in an angular float (L2E/6+00S) which contains up to 10%, one to two centimeter quartz veinlets. Minor amounts of pyrite (locally up to 0.5%) occur in the syenite.

2.3 Structural Geology

The structural component of the property is an east-west foliation which is mostly characterized by narrow (1cm) epidote-sericite highly strained zone in the mafic volcanic rocks. The greywacke does not show any structures. On L2E at 650S, mudstone shows highly strained clasts of light beige mud (calcareous sediments) in a dark green matrix. Many joint sets are present and are shown on map E-1. No trace of a large scale structure was identified one the property.

2.4 Mineralization

The mafic volcanic rocks contain minor amounts of disseminated pyrite and only trace amounts in the sediments. From L6E to L10E, between 600S and 650S, a pyrite mineralized zone strikes east-west. The zone is characterized by moderately deformed mafic volcanic rocks and contains up to 7% disseminated and fracture related pyrite. On L6E, the pyrite content reaches 25% coarse grained pyrite (up to 3mm crystals). The zone is gossan on the weathered surface.

On L2E at 6+50S, an oxidized outcrop exposure shows broken calcareous fragments in a fine-grained, magnetic matrix. The rocks contain 1% pyrite along fractures.

3.0 GEOCHEMISTRY

A total of 65 bedrock and glacial float samples were collected for gold and multi-element analyses during the mapping program. All samples returned values under 47 ppb Au (see Appendix E-1).

An angular syenite float (L2E/6+15S) containing 5-10%, 1-2cm smoky quartz veins returned 24ppb Au, 10ppm Ag and 1200ppm Pb (95X-6528). The float has a moderate pervasive potassic alteration.

Two samples collected from the mafic volcanic unit were sent for whole rock. The results from the analyses confirmed the field description and defined both samples as high-iron tholeiitic basalt.

4.0 CONCLUSIONS

From August 26 to August 29, 1996, 14km of grid mapping was completed on claim 1198142. The geology is characterized by mafic volcanic rocks to the north, greywacke to the south. At the center of the property, a 400m transition zone comprises basalt and sediments. Several magnetic gabbroic dikes cut the geology along a north-south trend.

Significant sulphide mineralization (up to 25% pyrite) is observed between L6E and L10E from 6+00S to 6+50S. Disseminated pyrite is also present in the gabbroic dikes. However, no anomalous gold value (<47ppb Au) returned from the 65 samples sent for analysis. A syenite angular float with 5-10% smoky quartz veins returned 10g/t Ag, but the float appears to be coming form the north of the property.

From surface exposure, no trace of a large scale deformation zone was found at the contact between the volcanic and sedimentary rocks. The only structural textures identified during mapping was

narrow (1cm) epidotite-/sericite-rich strained zones found in the basalt and a narrow milonite zone found in the calcareous sediments.

5.0 RECOMMENDATIONS

A magnetometer survey is recommended to better defined the contact between the volcanic and sedimentary rocks. A geological and geophysical compilation of the surrounding area is also recommended.

7.0 REFERENCES

Chubb, P. and Koziol, M., 1995. Cameco Corporation 1994 Exploration Program, Cameco Corp Internal Report.

Jensen, L.S., 1996: Precambrian Geology of Montrose, Bannockburn, and Powell Townships, District of Temiskaming, OGS, Preliminary Maps P3354, P3355, and P3356, Scale 1:20 000, NTS Reference: 42A/02, 41P/15, 42A/03, and 41P/14.

Koziol, M, 1995, Geology Report for Claim 1185893, Cameco Corporation, Internal Report.

Lovell, H.L. 1967. Geology of the Matachewan Area. Ontario Department of Mines, Geological Report 51. 61p.

Powell, W.G. 1991. The Distribution, Structural History and Relationship to Regional Metamorphism of High-Strain Zones forming the Larder Lake- Cadillac Deformation Zone, Matachewan area, Abitibi Belt; Ontario Geological Survey, Open File Report 589, 150p.

CERTIFICATE OF QUALIFICATIONS

I, Alain Faber, residing at 321 Laura Avenue, Sudbury, Ontario, P3E 3R8, do hereby certify that:

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

I attended McGill University in Montreal, Quebec and graduated with a B. Sc. in geology in 1992;

I am a member of the Association Professionnelle des Géologues et des Géophysiciens du Québec (APGGQ - Membre Stagiaire #1001) and the Quebec Prospectors Association;

I was one the property when the work was being carried out.

Signed at Sudbury, Ontario, this 31st day of January, 1997

Alain Faber
Geologist, B. Sc.

Appendix E-1

Au, ICP, and Whole Rock Assay Certificates

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-3394-RG1

Company: **CAMECO CORPORATION**

Date: SEP-12-96

Project:

Attn: P. Chubb

We hereby certify the following Geochemical Analysis of 65 Grab samples submitted AUG-29-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA -
POW96X-6000	7	-	Results	Results
POW96X-6001	46	48	to	to
POW96X-6002	17	-	follow	follow
POW96X-6003	27	-		
POW96X-6004	3	-		
POW96X-6005	24	-		
POW96X-6006	3	-		
POW96X-6007	2	-		
POW96X-6008	2	2		
POW96X-6009	15	-		
POW96X-6010	3	-		
POW96X-6011	7	-		
POW96X-6012	3	-		
POW96X-6013	9	-		
POW96X-6014	Nil	-		
POW96X-6015	3	-		
POW96X-6016	2	-		
POW96X-6017	2	2		
POW96X-6018	Nil	-		
POW96X-6019	7	-		
POW96X-6020	Nil	-		
POW96X-6021	Nil	-		
POW96X-6022	2	-		
POW96X-6023	Nil	-		
POW96X-6024	5	-		
POW96X-6025	5	-		
POW96X-6026	24	-		
POW96X-6027	29	27		
POW96X-6028	7	-		
POW96X-6029	2	-		

One assay ton portion used.

Certified by _____

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-3394-RG1

Company: **CAMECO CORPORATION**

Date: SEP-12-96

Project:

Attn: P. Chubb

We hereby certify the following Geochemical Analysis of 65 Grab samples submitted AUG-29-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA -
POW96X-6500	2	-		
POW96X-6501	Nil	3		
POW96X-6502	17	-		
POW96X-6503	7	-		
POW96X-6504	5	-		
POW96X-6505	3	-		
POW96X-6506	9	-		
POW96X-6507	9	-		
POW96X-6508	12	-		
POW96X-6509	17	15		
POW96X-6510	12	-		
POW96X-6511	5	-		
POW96X-6512	Nil	-		
POW96X-6513	22	24		
POW96X-6514	2	-		
POW96X-6515	Nil	-		
POW96X-6516	2	-		
POW96X-6517	2	-		
POW96X-6518	2	-		
POW96X-6519	Nil	-		
POW96X-6520	3	-		
POW96X-6521	3	-		
POW96X-6522	2	-		
POW96X-6523	3	-		
POW96X-6524	5	-		
POW96X-6525	Nil	-		
POW96X-6526	2	-		
POW96X-6527	3	-		
POW96X-6528	22	26		
POW96X-6529	3	-		

One assay ton portion used.

Certified by G. Leboe

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Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-3394-RG1

Company: **CAMECO CORPORATION**

Date: SEP-12-96

Project:

Attn: P. Chubb

We hereby certify the following Geochemical Analysis of 65 Grab samples submitted AUG-29-96 by .

Sample Number	Au PPB	Au Check PPB	Multi Element	WRA -
POW96X-6530	5	-		
POW96X-6531	3	-		
POW96X-6532	2	-		
POW96X-6533	34	-		
POW96X-6534	26	26		

One assay ton portion used.

Certified by G. Libby

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Telephone (705) 642-3244 FAX (705) 642-3300

CAMECO CC ORATION
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TSL/ASSAYER. Laboratories
1270 FEWSTER DRIVE, UNIT ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M80100
Page No. : 1 of 2
File No. : SP11MA
Date : SEP-12-1996

6W-3394-RG1

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-6000	< 1	2.0	5	< 10	15	< 1	< 5	0.97	< 1	26	87	45	3.9	1.8	590	< 2	0.04	63	390	7	< 5	4	< 10	19	4000	93	< 10	11	53	8
POW96X-6001	< 1	1.8	< 5	< 10	24	< 1	< 5	0.76	< 1	28	100	170	4.1	1.8	630	< 2	0.03	77	360	4	< 5	4	< 10	16	3000	99	< 10	7	54	5
POW96X-6002	< 1	1.8	10	< 10	18	< 1	< 5	0.76	< 1	24	110	110	5.9	1.7	500	6	0.04	62	400	4	< 5	8	< 10	22	2700	130	< 10	8	50	9
POW96X-6003	< 1	1.9	10	< 10	11	< 1	< 5	0.94	< 1	34	120	24	9.5	2.0	450	< 2	0.02	74	320	6	< 5	6	< 10	23	2800	140	< 10	6	66	11
POW96X-6004	< 1	1.9	< 5	< 10	30	< 1	< 5	1.1	< 1	26	52	130	5.7	1.5	480	2	0.15	30	680	5	< 5	4	< 10	24	3000	190	< 10	14	65	14
POW96X-6005	< 1	1.3	< 5	< 10	49	< 1	< 5	0.90	< 1	23	60	76	5.3	1.0	400	4	0.02	46	340	5	< 5	4	< 10	15	1700	60	< 10	5	29	7
POW96X-6006	< 1	0.24	< 5	< 10	750	< 1	< 5	0.55	< 1	7	120	7	1.3	0.25	290	< 2	0.06	15	380	4	< 5	2	< 10	140	120	9	< 10	3	28	9
POW96X-6007	< 1	0.25	< 5	< 10	310	< 1	< 5	4.6	< 1	18	100	110	3.0	1.9	780	< 2	0.03	52	920	11	< 5	6	< 10	210	63	30	< 10	6	55	9
POW96X-6008	< 1	0.28	< 5	< 10	640	< 1	< 5	0.64	< 1	7	100	6	1.4	0.23	340	< 2	0.05	19	560	8	< 5	2	< 10	94	59	7	< 10	4	33	8
POW96X-6009	< 1	0.85	< 5	< 10	55	< 1	< 5	1.2	< 1	54	110	120	4.1	0.42	460	4	0.03	45	440	2	< 5	5	< 10	45	3500	66	< 10	9	22	11
POW96X-6010	< 1	1.2	< 5	< 10	18	< 1	< 5	0.84	< 1	32	63	110	5.2	0.62	260	2	0.14	53	370	2	< 5	7	< 10	13	2500	210	< 10	5	41	6
POW96X-6011	< 1	1.8	20	< 10	67	< 1	< 5	0.55	< 1	11	77	97	7.6	1.8	640	< 2	0.03	30	390	7	< 5	8	< 10	14	4600	160	< 10	7	97	12
POW96X-6012	< 1	0.69	10	< 10	280	< 1	< 5	0.85	< 1	9	170	17	2.0	0.90	320	< 2	0.05	34	810	3	< 5	3	< 10	86	1200	37	< 10	5	60	18
POW96X-6013	< 1	1.7	< 5	< 10	32	< 1	< 5	0.71	< 1	28	73	88	4.3	1.8	630	< 2	0.04	76	350	2	< 5	3	< 10	18	3500	100	< 10	8	62	6
POW96X-6014	< 1	0.77	5	< 10	41	< 1	< 5	0.84	< 1	13	73	20	3.5	0.62	280	< 2	0.05	38	260	1	< 5	4	< 10	26	4800	110	< 10	10	23	8
POW96X-6015	< 1	0.93	< 5	< 10	25	< 1	< 5	1.1	< 1	20	120	42	4.2	0.59	360	2	0.03	26	390	2	< 5	4	< 10	35	3900	97	< 10	8	25	11
POW96X-6016	< 1	2.5	< 5	< 10	92	< 1	< 5	0.85	< 1	23	79	56	5.2	2.0	730	2	0.03	41	700	2	< 5	5	< 10	33	3200	49	< 10	6	96	8
POW96X-6017	< 1	0.41	10	< 10	56	< 1	< 5	4.0	< 1	39	31	16	5.8	1.9	1300	4	0.02	86	270	7	< 5	16	< 10	85	160	13	< 10	7	80	12
POW96X-6018	< 1	1.4	< 5	< 10	95	< 1	< 5	0.50	< 1	16	120	20	3.0	1.5	420	2	0.03	61	540	4	< 5	7	< 10	21	1800	64	< 10	7	72	28
POW96X-6019	< 1	1.5	< 5	< 10	43	< 1	< 5	0.67	< 1	40	95	89	7.6	1.7	580	2	0.03	58	310	< 1	< 5	5	< 10	44	2400	100	< 10	6	51	8
POW96X-6020	< 1	1.0	5	< 10	31	< 1	< 5	0.89	< 1	23	85	13	2.0	0.86	310	2	0.05	75	430	2	< 5	5	< 10	15	2400	71	< 10	6	23	5
POW96X-6021	< 1	0.27	< 5	< 10	860	< 1	< 5	2.1	< 1	12	85	32	2.0	1.0	400	< 2	0.05	33	830	14	< 5	4	< 10	230	140	15	< 10	5	38	12
POW96X-6022	< 1	1.1	< 5	< 10	48	< 1	< 5	0.84	< 1	24	69	90	2.2	0.83	320	< 2	0.07	53	290	5	< 5	3	< 10	23	3300	58	< 10	6	30	6
POW96X-6023	< 1	1.0	10	< 10	64	< 1	< 5	0.82	< 1	11	140	7	2.1	1.6	440	< 2	0.05	62	740	7	< 5	4	< 10	69	1200	39	< 10	4	63	16
POW96X-6024	< 1	1.7	< 5	< 10	67	< 1	< 5	0.53	< 1	16	120	17	2.5	1.9	540	< 2	0.04	120	470	4	< 5	4	< 10	43	2000	32	< 10	4	86	11
POW96X-6025	< 1	1.8	< 5	< 10	31	< 1	< 5	0.66	< 1	41	68	50	9.0	1.8	760	< 2	0.03	18	820	2	< 5	6	< 10	23	3000	150	< 10	15	71	12
POW96X-6026	< 1	0.93	< 5	< 10	10	< 1	< 5	0.35	< 1	45	78	24	19	1.1	390	< 2	0.03	48	270	11	< 5	2	< 10	21	2400	120	< 10	5	41	10
POW96X-6027	< 1	0.85	10	< 10	24	< 1	< 5	0.68	< 1	34	110	28	7.0	0.90	380	730	0.03	48	450	13	< 5	5	< 10	22	2400	94	< 10	6	32	12
POW96X-6028	2	1.1	10	< 10	17	< 1	< 5	2.2	< 1	42	83	170	4.6	0.89	460	4	0.04	56	310	4	< 5	4	< 10	46	3900	88	< 10	8	32	9
POW96X-6029	< 1	0.76	< 5	< 10	91	< 1	< 5	0.34	< 1	6	100	24	2.0	0.83	300	4	0.05	12	250	3	< 5	2	< 10	37	1100	23	< 10	2	53	6
POW96X-6500	< 1	1.1	< 5	< 10	20	< 1	< 5	0.83	< 1	18	53	81	2.3	0.85	380	2	0.07	45	320	2	< 5	4	< 10	16	2000	73	< 10	6	35	4
POW96X-6501	< 1	0.50	< 5	< 10	830	< 1	< 5	1.4	< 1	7	98	9	1.3	0.39	330	< 2	0.05	17	430	6	< 5	1	< 10	170	110	8	< 10	4	43	8
POW96X-6502	< 1	0.21	< 5	< 10	780	< 1	< 5	1.5	< 1	7	85	4	1.4	0.55	400	< 2	0.05	15	510	5	< 5	2	< 10	170	60	5	< 10	4	33	9
POW96X-6503	< 1	1.2	< 5	< 10	62	< 1	< 5	0.93	< 1	25	63	110	3.6	1.5	390	4	0.04	45	390	6	< 5	3	< 10	22	3900	87	< 10	9	220	11
POW96X-6504	< 1	2.7	10	< 10	19	< 1	< 5	0.70	< 1	41	97	11	5.0	2.2	780	< 2	0.04	82	350	1	< 5	6	< 10	14	3400	120	< 10	8	72	7

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO CO. ORATION
ATTN: P. CHUBB

TSL/ASSAYER Laboratories
1270 FEWSTER DRIVE, UNIT ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M80100
Page No. : 2 of 2
File No. : SP11MA
Date : SEP-12-1996

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

6W-3394-RG1

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
POW96X-6505	< 1	3.4	< 5	< 10	17	< 1	< 5	2.5	< 1	41	82	81	5.8	2.2	1300	< 2	0.03	92	310	3	< 5	6	< 10	13	3800	180	< 10	9	95	7
POW96X-6506	< 1	1.9	< 5	< 10	21	< 1	< 5	0.59	< 1	54	99	30	4.8	1.8	610	6	0.04	110	410	3	< 5	5	< 10	10	2000	91	< 10	5	88	6
POW96X-6507	< 1	2.1	< 5	< 10	44	< 1	< 5	1.2	< 1	24	37	140	4.7	0.80	310	< 2	0.26	31	530	3	< 5	3	< 10	31	3300	180	< 10	12	79	10
POW96X-6508	2	3.0	10	< 10	21	< 1	< 5	0.70	< 1	120	70	520	11	2.1	1200	4	0.03	65	330	11	< 5	6	< 10	18	3900	190	< 10	8	1300	16
POW96X-6509	< 1	1.8	30	< 10	26	< 1	< 5	0.29	< 1	22	68	480	6.7	1.5	380	2	<0.01	130	760	9	< 5	2	< 10	5	1200	28	< 10	6	350	22
POW96X-6510	< 1	1.0	50	< 10	32	< 1	< 5	3.0	< 1	22	61	150	3.6	0.61	470	4	<0.01	87	550	19	< 5	2	< 10	41	960	12	< 10	5	1300	12
POW96X-6511	< 1	2.3	5	< 10	24	< 1	< 5	0.77	< 1	38	91	63	5.8	2.1	720	< 2	0.04	78	350	2	< 5	3	< 10	13	3700	140	< 10	11	150	7
POW96X-6512	< 1	1.2	< 5	< 10	15	< 1	< 5	0.76	< 1	24	68	15	3.8	1.5	670	4	0.04	52	310	3	< 5	5	< 10	13	2500	79	< 10	6	43	6
POW96X-6513	< 1	1.1	< 5	< 10	62	< 1	10	1.0	< 1	25	330	120	2.4	1.6	360	14	0.04	250	430	6	< 5	3	< 10	44	1100	36	< 10	5	55	20
POW96X-6514	< 1	1.7	< 5	< 10	30	< 1	5	1.8	< 1	19	110	18	2.3	1.9	650	2	0.02	110	430	2	< 5	4	< 10	61	1900	27	< 10	4	86	9
POW96X-6515	< 1	4.5	< 5	< 10	10	< 1	< 5	3.1	< 1	35	68	86	8.8	2.4	1400	< 2	0.02	66	230	1	< 5	38	< 10	44	200	230	< 10	3	140	22
POW96X-6516	< 1	2.1	< 5	< 10	12	< 1	< 5	2.8	< 1	25	77	120	5.3	1.6	590	8	0.06	29	210	5	< 5	4	< 10	21	1200	57	< 10	4	63	6
POW96X-6517	< 1	2.2	< 5	< 10	14	< 1	< 5	1.5	< 1	20	120	26	3.8	2.1	540	< 2	0.05	88	460	4	< 5	10	< 10	19	1900	70	< 10	6	82	11
POW96X-6518	< 1	2.5	< 5	< 10	24	< 1	< 5	0.77	< 1	33	40	39	8.9	2.1	1300	< 2	0.03	31	490	2	< 5	6	< 10	12	3200	170	< 10	7	190	9
POW96X-6519	< 1	1.1	< 5	< 10	17	< 1	< 5	0.96	< 1	8	100	8	1.8	0.79	280	8	0.03	41	400	1	< 5	3	< 10	34	2100	29	< 10	3	31	8
POW96X-6520	< 1	2.6	< 5	< 10	35	< 1	< 5	0.96	< 1	29	86	28	6.5	2.2	910	< 2	0.03	98	350	7	< 5	6	< 10	39	3600	140	< 10	9	120	7
POW96X-6521	< 1	0.95	< 5	< 10	57	< 1	< 5	0.58	< 1	11	130	7	2.0	1.6	270	< 2	0.06	57	830	4	< 5	2	< 10	35	1500	39	< 10	7	48	12
POW96X-6522	< 1	1.3	< 5	< 10	100	< 1	5	0.32	< 1	11	110	6	2.3	1.8	310	< 2	0.05	62	700	12	< 5	4	< 10	36	970	47	< 10	5	63	12
POW96X-6523	< 1	2.5	< 5	< 10	34	< 1	< 5	1.5	< 1	16	54	48	3.4	1.0	320	< 2	0.24	28	940	8	< 5	3	< 10	40	1500	37	< 10	16	51	11
POW96X-6524	< 1	0.64	< 5	< 10	48	< 1	< 5	2.0	< 1	7	95	10	0.83	0.49	240	< 2	0.05	34	640	20	< 5	2	< 10	50	1400	17	< 10	3	18	4
POW96X-6525	< 1	1.9	< 5	< 10	53	< 1	< 5	0.53	< 1	23	290	81	2.9	2.0	500	2	0.04	120	860	8	< 5	6	< 10	18	1400	65	< 10	4	49	6
POW96X-6526	< 1	1.6	< 5	< 10	48	< 1	< 5	0.53	< 1	27	240	43	2.8	1.8	400	2	0.05	170	810	3	< 5	4	< 10	43	1600	54	< 10	4	51	7
POW96X-6527	< 1	1.4	< 5	< 10	42	< 1	< 5	0.69	< 1	23	77	71	4.8	1.8	670	2	0.05	61	260	6	< 5	5	< 10	93	2700	100	< 10	7	54	9
POW96X-6528	10	0.19	< 5	< 10	810	< 1	5	1.0	< 1	9	100	12	1.5	0.46	310	< 2	0.04	26	800	1200	< 5	3	< 10	170	150	8	< 10	4	31	11
POW96X-6529	< 1	2.5	< 5	< 10	56	< 1	< 5	0.76	< 1	25	91	57	4.8	2.1	1000	< 2	0.02	81	270	45	< 5	4	< 10	25	3000	86	< 10	6	65	6
POW96X-6530	< 1	0.81	10	< 10	29	< 1	< 5	1.0	< 1	16	49	16	5.2	0.68	310	2	0.05	25	300	6	< 5	5	< 10	32	3600	100	< 10	8	26	8
POW96X-6531	< 1	1.8	< 5	< 10	18	< 1	< 5	0.82	< 1	21	68	48	4.0	1.9	550	< 2	0.04	60	280	4	< 5	4	< 10	18	3200	88	< 10	5	39	7
POW96X-6532	< 1	0.85	< 5	< 10	35	< 1	< 5	0.65	< 1	12	66	51	5.3	0.85	350	< 2	0.05	56	260	5	< 5	7	< 10	61	2800	140	< 10	6	47	10
POW96X-6533	< 1	0.36	< 5	< 10	38	< 1	< 5	0.30	< 1	12	77	12	3.1	0.35	120	< 2	0.08	28	530	12	< 5	6	< 10	33	1700	30	< 10	4	16	28
POW96X-6534	< 1	0.97	20	< 10	7	< 1	< 5	0.37	< 1	66	76	42	17	1.5	400	< 2	0.04	53	260	10	< 5	2	< 10	16	1800	60	< 10	5	44	6

A 0.5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/96

SIGNED :

CAMECO C(ORATION
ATTN: P. CHUBB

TSL/Assayers Laboratories
1270 FEWSTER DRIVE, UNIT ISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M80[illegible]
Page No. : 1 of 1
File No. : SP11RA
Date : SEP-12-1996

6W-3394-RG1

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	TiO2	MnO	P2O5	Ba	Sr	Zr	Y	Sc	Be	Co	Cr	Cu	Ni	V	Zn	Nb	Rb	LOI	TOTAL
	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
POW96X-6505	50.82	14.40	11.65	7.64	5.70	2.95	0.36	1.47	0.22	0.16	160	200	60	22	46	< 1	40	95	85	95	360	90	< 30	<0.05	5.16	%100.55
POW96X-6512	50.33	14.64	13.11	9.56	5.36	3.31	0.72	1.26	0.26	0.14	100	140	90	34	46	< 1	25	115	15	60	320	50	< 30	<0.05	1.79	%100.49

TSL/96

SIGNED :

TSL/96

APPENDIX F

Induced Polarization and Magnetic Surveys
on the Property of Cameco Gold Corporation,
Powell Project, Grid 'A', Bannockburn Township.

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INDUCED POLARIZATION
AND MAGNETIC SURVEYS
PERFORMED ON A PROPERTY OF CAMECO GOLD CORPORATION POWELL PROJECT, GRID "A" BANNOCKBURN TOWNSHIP

C. Lavoie, Eng., Ph.D. August, 1996

Qual. # 2.3432

2.17055

96-813

020

1020, 3e Avenue Est (route 117 Sud), C.P. 418, VAL D'OR (Québec) J9P 4P4 Tel.: (819) 825-8212 Fax: (819) 825-9742

INTRODUCTION

Magnetic and induced polarization surveys were performed over a property owned by **CAMECO GOLD CORPORATION.** The property is located 20 km west of the town of Matachewan, Ontario.

The I.P. survey was performed on every two lines in order to define polarizable and/or conductive horizons to which economic mineralization may be associated.

The magnetic survey was done only on four lines to define the geological structure of the property and to establish correlations with the other types of data.

PROPERTY , LOCATION AND ACCESS

The property is located 20 km west of the town of Matachewan, Ontario. The survey was done on the following claims (± 336 hectares):

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Bannockburn township:

Licences:

1048622 to 1048627 incl.
1048694
1048697 and 1048698
1048702 and 1048703
1048707 and 1048708
1048712 and 1048713
1048717 and 1048718
1205689

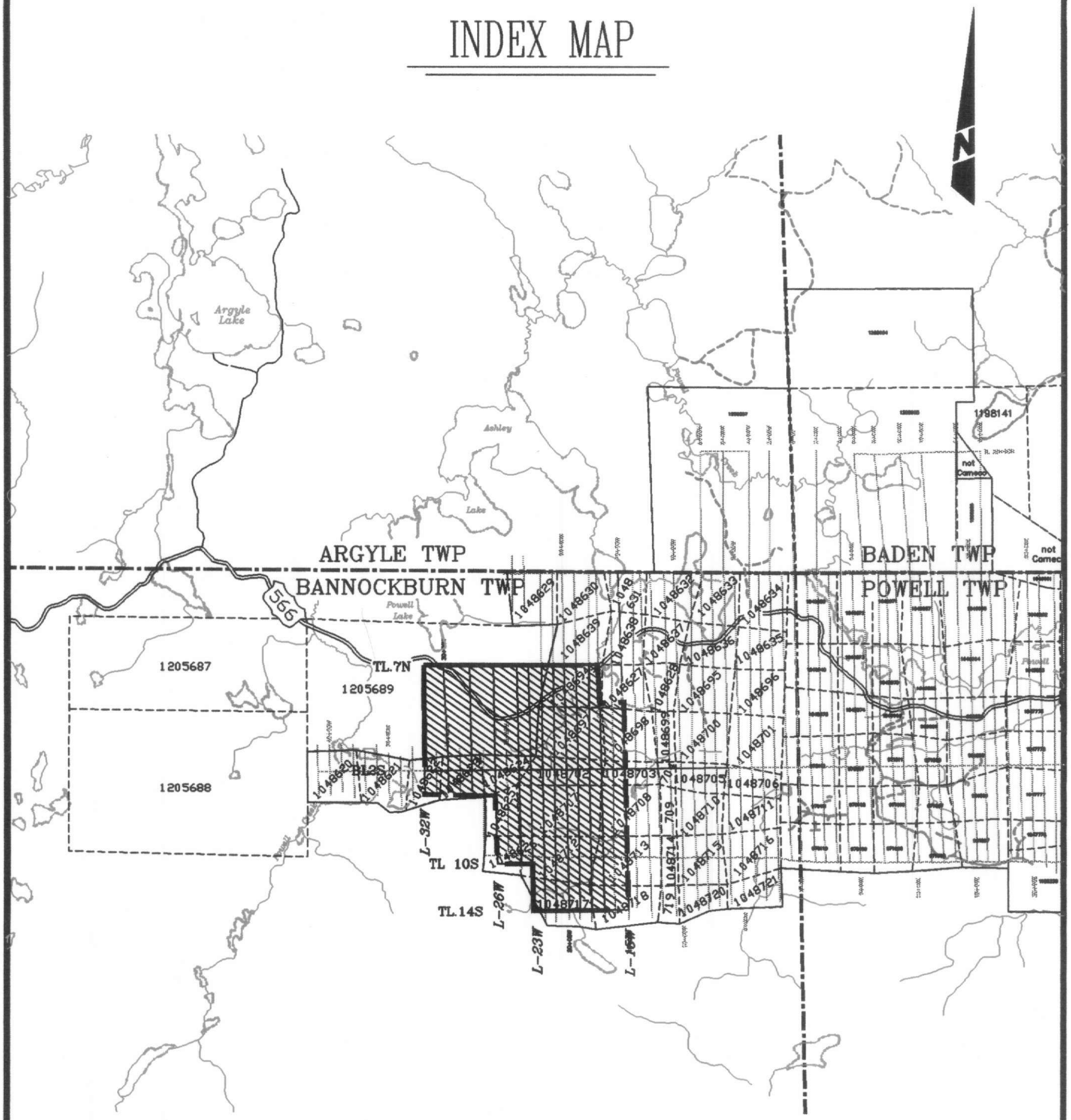
Access to the property is possible using highway 566 from Matachewan and by logging access roads.

GEOPHYSICAL WORK

During the period of August 30th 1996, a magnetic survey (total field; 6.7 km) was done, using an OMNI-PLUS from EDA. The magnetic data were corrected for diurnal variations using data from an automatic base station located in the field.

During the period of June 26th to june 30th, an Induced polarization survey (15.3 km) was performed using a BRGM IP-6 "TIME domain" receiver and a GDD 1400 transmitter. The employed configuration was dipole-dipole, along with the following parameters: a = 25 metres and n = 1 to 6.

INDEX MAP



CAMECO GOLD CORPORATION
POWELL PROJECT – GRID "A"
Bannockburn Twps., Ont.

N.T.S. 41P/15

SCALE 1: 50,000

1000 0 1000

Metres

GEOLA LTEE 96-813

DISCUSSION ON THE METHODS

The magnetic method:

A concentration of minerals having a different magnetic susceptibility compared to the surrounding rocks, will give rise to variations in the earth's magnetic field. Systematic observation of the earth's total field over the property, allows us to outline zones of different magnetization, which are related to more or less magnetic geological units or concentrations of magnetic minerals. By measuring or calculating the vertical magnetic gradient, the resolution of the survey is increased, thus helping its interpretation. The magnetic field units are " gammas " (γ) or " nanoTeslas " (nT).
$1\ \gamma = 1$ nT.

Minerals having strong magnetic susceptibility are magnetite and pyrrhotite and are usually but not necessarily associated as primary or accessory minerals in massive sulphide deposits or other possible economic mineralizations. Thus, coincident magnetic and H.E.M. or I.P. anomalies could be important but are not necessarily significant. The global interpretation of the magnetic survey, consisting in delimitating zones of different magnetic susceptibility, is highly advisable. This interpretation contributes in outlining the major geological units and structures such as faults on the property.

The induced polarization method:

The induced polarization survey consists in introducing an electric current into the ground in the form of a "square wave", by means of two metallic electrodes. Two other electrodes permits the measurement of the current and of the voltage present in the ground during the transmission. The resistivity of the ground is then calculated with these two parameters while the chargeability is measured by observing the decrease of the voltage after the current flow stops. The chargeability is in millivolts/volt (mV/V) or milliseconds, and the resistivity in ohms-metres ($\Omega \cdot m$).

The induced polarization method allows the detection of massive or disseminated sulphide zones which are not necessarily conductive. The chargeability intensity of an anomaly depends mainly on the total surface of the disseminated sulphide grains, their nature, the geometrical shape and the depth of the sulphide zone as well as the conductivity and the thickness of the overburden.

That means the intensity of an I.P. anomaly varies with the grain size and theoretically, massive sulphide zones give a lower anomaly in chargeability than the same amount of disseminated sulphides. At the limit, if it is completely massive, we do not have a chargeability anomaly. It is almost impossible to interpret which quantity of sulphides is producing the anomaly. However, from previous data known on the property, we may guess the amount of sulphides.

If a weak anomaly of chargeability coincides to a low resistivity associated to a resistivity gradient, this anomaly may be produced by ionic currents. Prudence should be taken in presence of this phenomenon.

High readings of resistivity normally mean that the bedrock is near the surface. Very often, this is also associated with a higher chargeability reading which is then difficult to say if there is presence of weak disseminated sulphides. High resistivity may also indicate the presence of silicified rocks.

Low readings of resistivity without high chargeability readings normally mean that the current does not reach the bedrock. A greater separation should be used in these areas. However, it may also mean presence of massive sulphides, which may be interpreted by the shape of the anomaly itself.

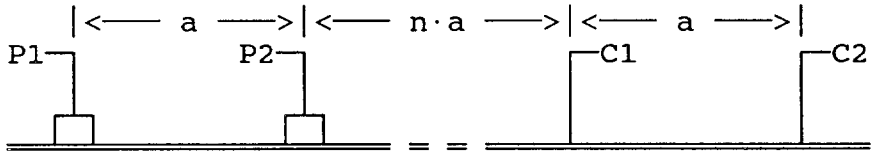
In other words, an induced polarization survey may sometimes be difficult to interpret (it gives no information about the dip) and it is normally recommended to detail any main anomalies and to interpret them with respect to the geological, topographic and all other pertinent information before proceeding with the drilling.

The readings of the survey (dipole-dipole) are plotted in form of pseudo-sections. The anomalies are indicated by the appropriate symbolism.

The resistivity was calculated using the following formula:

$$P_a = \pi \cdot n \cdot (n + 1) \cdot (n + 2) \cdot a \cdot V / I \quad \Omega \cdot m$$

Configuration dipole-dipole:



From the pseudo-sections representation of the data, we have combined the six (6) separations as follows:

Separation:	Measures:
n = 1	A.
n = 2	B. C.
n = 3	D. E. F.
n = 4	G. H. I. J.
n = 5	K. L. M. N. O.
n = 6	P. Q. R. S. U. V.

Combinaison: [A + (B + C)/2 + (D + E + F)/3 + ...

... + (G + H + I + J)/4 + (K + L + M + N + O)/5

+ (P + Q + R + S + U + V)/6]/6

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The combination of the six separations was calculated for the chargeability and for the resistivity readings. These results were drawn as profiles on a separate map.

We also combined the chargeability and the resistivity readings as follows:
New value: (Chargeability x 1000) / Resistivity

This new value permits to enhance the anomalies. It was drawn on the pseudo-sections. If strong variations of resistivity is encountered, it is recommended to go back to the initial data for a better interpretation.

On request of Cameco Gold Corporation, we have also presented in contour the chargeability and the resistivity results as staked pseudo-sections.

DESCRIPTION AND INTERPRETATION:

The induced polarization survey:

The limit I.P. survey performed on the property permitted us to detect some anomalies. Five have been described in tabular forms at the end of the report. All have been plotted with the appropriate symbolism on the pseudo-sections and on the chargeability, resistivity maps.

The apparent resistivity on the property vary quite a lot. Values from 125 Ω·m on n = 1 up to more than 50 kΩ·m on n = 6, give a good picture that the depth of the conductive overburden is not uniform on this property. The resistivity low zones which pierce down to n = 6 with values as low as 250 Ω·m may be related to "valleys" in the bedrock and may be associated to more deeply eroded soft geological units or fractures for examples or weak conductors located in the bedrock.

We have interpreted one first priority anomaly (P-01) which coincide to high resistivity readings. This anomaly may be explained in the field by a visit of the outcrops. You should expected siliceous rock with weak disseminated sulphides.

The two (2) second priority anomalies P-02 and P-03 are not as well defined, but they seem to be real. The anomaly P-02 may also be explained by a visit in the field of the outcrops. The anomaly P-03 seem to be produced by very weak disseminated sulphides in a shear zone eroded and located in a valley. This last anomaly located on line 23+00mW may be on the extension of a high magnetic feature of 150nT (gammas) observed on line 24+00mW. These weak I.P. anomalies normally need to be confirmed by other geoscientific data before deciding to drill them.

The third priority anomalies (P-04 and P-05) may have been classified in second priority anomalies if we had more magnetic information. The anomaly P-04 seems to become better going East and more detail is required. The anomaly P-05 seems to be located at the northern edge of a high magnetic feature. It may be possible to explain it by a visit in the field of the outcrops. These third priority anomalies have to be confirmed by other geoscientific data.

Some low resistivity axes were located on the pseudo-sections and were reported on the chargeability and resistivity maps. These low resistivity axes may represented valley or fracture in the bedrock.

The magnetic survey:

The limited magnetic survey revealed some high and parallel magnetic features of 200nT to 2000nT. From the resistivity readings, these magnetic highs seem to coincide to outcrop areas and it should be easy to explain them in the field.

CONCLUSION AND RECOMMENDATIONS

The induced polarization survey done on this property shows that the thickness of the overburden vary quite a lot. The rock pierce in some areas which are shown by the high resistivity readings. The detected I.P. anomalies are not very well defined but generally weak or associated to high resistivity readings.

We were able to interpret five (5) anomalies and one of them was classified in first priority. The four (4) other anomalies were classified in second or third priority anomalies. As recommended earlier, a visit in the field is required. A good geological mapping will certainly help to explain a good part of them. This outcrop mapping will also explained the high magnetic features. With all this information, it should be easier to decide if a diamond drilling program should be planned.

Respectfully submitted,

By: _____
Clermont Lavoie Eng., Ph.D.

1020, 3e Avenue Est (route 117 Sud)
C.P. 418, VAL D'OR (Québec)
J9P 4P4

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DESCRIPTION OF INDUCED POLARIZATION ANOMALIES

Project: Powell Grid "A"

Township: Bannockburn

MAP NO.	ANOMALY	LINE	STATION	LENGTH (m)	CHARGEABILITY Anomaly / Base	RESISTIVITY Anomaly / Base	ASSOCIATION	REMARKS AND RECOMMENDATIONS	Prio
	P-01	17+00 W	12+08 S	>600	30/10	9582	Possible siliceous rock.	May be explained by trenching. From resistivity, thin overburden.	1
	P-02	15+00 W	10+67 S	>400	19/10	4704	Possible siliceous rock.	May be explained by trenching. From resistivity, thin overburden.	2
	P-03	23+00 W	6+92 S	---	2.3/1.5	282/>300	On extension of high mag. of 150nT.(see line 24W.) Possible extension of ano. P-02.	Weak, but seem real.	2
	P-04	15+00 W	7+08 S	>200	9/1.9	841/>1500		Weak, but may be real.	3
	P-05	15+00 W	1+60 S	>800	12/2	8118	May be North of a high mag. Possible siliceous rock.	Weak, but may be real.	3

CHARGEABILITY: Chargeability in mV/V;

RESISTIVITY: Resitivity in ohms-metres;

Base: Approximate base level near the anomaly;

Prio: Priority;

1 nT = 1 gamma.

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STATEMENT FOR ASSESSMENT WORK

I, the undersigned, Clermont Lavoie, for **Géola Limitée**, certify to the following:

GEOPHYSICAL WORK

During the period of August 30th 1996, a magnetic survey (total field; 6.7 km) was done, using an OMNI-PLUS from EDA. The magnetic data were corrected for diurnal variations using data from an automatic base station located in the field.

During the period of June 26th to june 30th, an Induced polarization survey (15.3 km) was performed using a BRGM IP-6 "TIME domain" receiver and a GDD 1400 transmitter. The employed configuration was dipole-dipole, along with the following parameters: a = 25 metres and n = 1 to 6.

The property is located 20 km west of the town of Matachewan, Ontario. The survey was done on the following claims (± 336 hectares):

3e-3, 3e Avenue Est (route 117 Sud), C.P. 418, VAL D'OR (Québec) J9P 4P4 Tél.: (819) 825-8242 Fax: (819) 825-9742

Bannockburn township:

Licences:

1048622 to 1048627 incl.
1048694
1048697 and 1048698
1048702 and 1048703
1048707 and 1048708
1048712 and 1048713
1048717 and 1048718
1205689

Access to the property is possible using highway 566 from Matachewan and by logging access roads.

Description of the I.P. method:

Transmitter:	GDD 1400;
Receiver:	BRGM IP-6;
Configuration:	Dipole-dipole;
Separation:	a = 25 m, n = 1 to 6;
Measure. interval:	25 m;
TIME domain;	
Parameters:	Resistivity and chargeability;
Time sequence:	2 s +ON, 2 s OFF, 2 s -ON;
Integration:	start = 0,16 s;
	end = 1,74 s.

Description of the magnetic method:

Instrument:	Omni-Plus, EDA;
Parameters:	Total field;
Precision:	± 1 nT;
Interval:	12,5 metres.

1020, 3e Avenue Est (route 117 Sud)
C.P. 418, VAL D'OR (Québec)
J9P 4P4

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Operators:

(5 days)	Jocelyn Mignault C.P. 964 Rg de la Croix Mont-Brun, Qc	(5 days)	Daniel Bélanger 684 Blvd D'Alembert D'Alembert, Qc
(5 days)	Lucien GilBert 1079 Rg. Hudon Mont-Brun, Qc	(5 days)	Rudy Mercier 120 Rang de la Montagne Mont-Brun, Qc
(4 days)	Marcel Duguay No. 666 Rang 8 Authier-Nord, Qc	(1 day)	Bruneau Steve 664 rang 9 Authier-Nord, Qc
(1 day)	Jacques Demers 663 R.R. # 1 Authier-Nord, Qc		

Respectfully submitted,

By: _____
Clermont Lavoie Eng., Ph.D.

1020, 3e Avenue Est (route 117 Sud)
C.P. 418, VAL D'OR (Québec)
J9P 4P4

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CERTIFICATE

1. I, the undersigned, Clermont Lavoie, residing at 1148 Bérard Avenue, Val d'Or, Quebec, graduated with a B.Sc.A. degree in Geology from Ecole Polytechnique in 1965. I obtained an M.Sc.A. degree in Geophysics from Ecole Polytechnique in 1968 and received a Ph.D. in Geophysics from McGill University in 1972.

2. I am a member of the Order of Engineers of Quebec, the Canadian Institute of Mining and Metallurgy, the Quebec Prospectors Association and the Society of Exploration Geophysicists.

3. I have no direct or indirect interests in the mining claims owned by ***CAMECO GOLD CORPORATION*** nor in the securities of this company and I have no intention of receiving such interests.

4. The interpretation and recommendations described in this report are based partly on a personal and technical experience in this district of Ontario.

5. I authorize the above-mentioned company to use this report for any legal and/or official purposes.

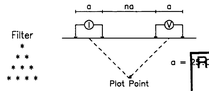
Signed in Val d'Or, this seventh (7th) day of the month of August one thousand nine hundred and ninety six (1996).

Clermont Lavoie, Eng. Ph.D.

1700, 3e Avenue Est (route 117 Sud), C.P. 418, VAL D'OR (Quebec) J9P 4P4 - Tel.: (819) 825-8212 - Fax: (819) 825-9742

Line 1500.00 W

Dipole-Dipole



Operator : J. Mignault
Receiver : IP-6, BRGM
Transmitter : GDD1400
Generator : 1.4 kW

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10 ...

2.17055

INTERPRETATION

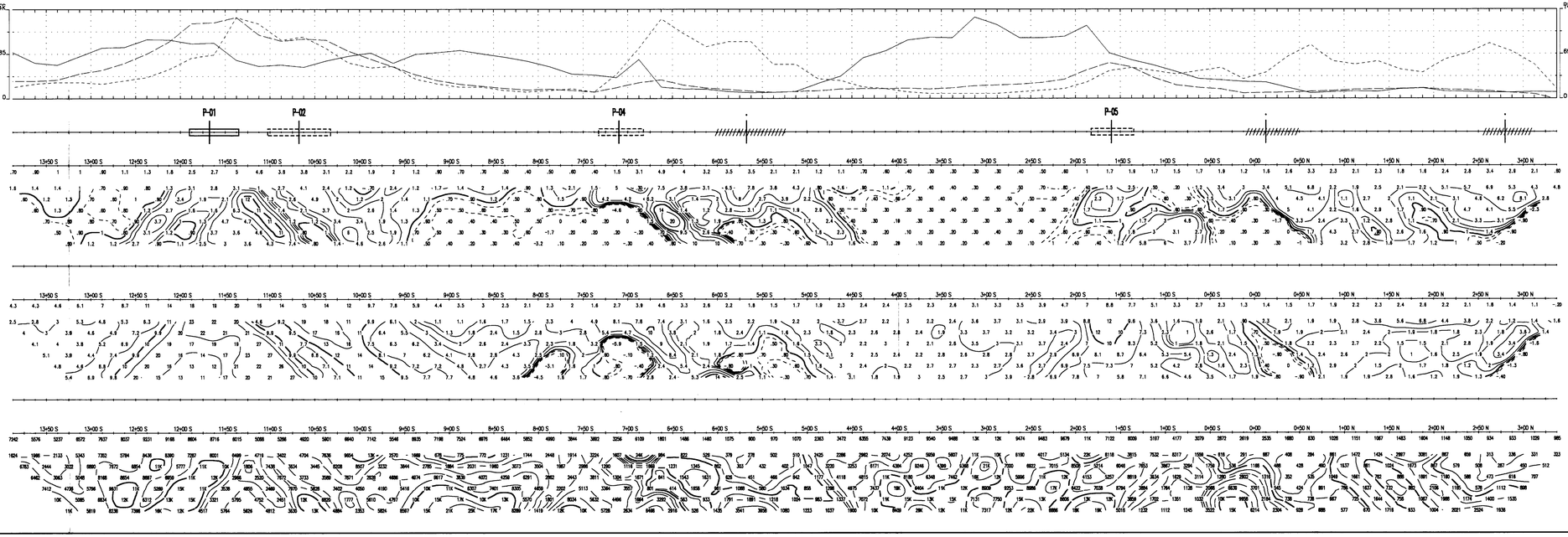
Induced polarization anomaly.

Resistivity low.

Resistivity high.

Scale 1:2500

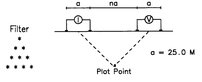
25 0 25 50 75 100 125 150 (meters)



CAMECO CORPORATION
INDUCED POLARIZATION SURVEY Powell Project (GRID A) Bannockburn Township
Date: 96/07/30 Interpretation: Clermont Lavoie Eng. Ph. D.
GEOLA LTEE 96-813-01

Line 1700.00 W

Dipole–Dipole



Operator : *J. Mignault*
Receiver : *IP-6, BRGM*
Transmitter : *GDD1400*
Generator : *1.4 kW*

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

INTERPRETATION

Induced polarization anomaly.

Resistivity low.

Resistivity high.

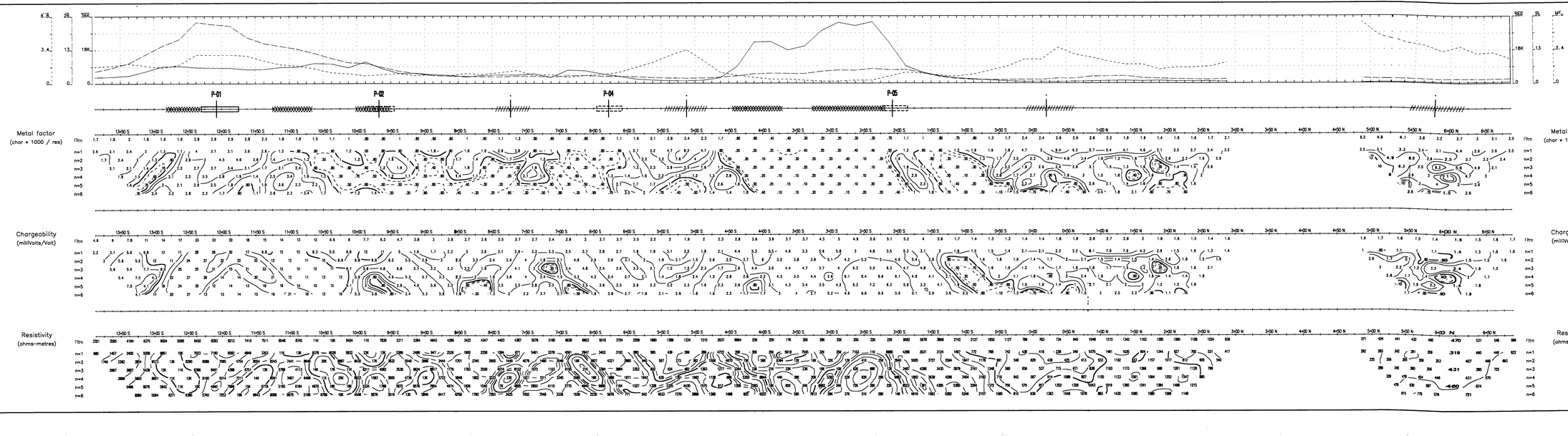
Scale 1:2500

CAMECO CORPORATION

INDUCED POLARIZATION SURVEY
Powell Project (GRID A)
Bannockburn Township

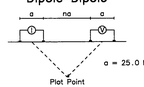
Date: 96/07/30
Interpretation: Clermont Lavoie Eng. Ph. D.

GEOLA LTEE 96-813-02



Line 1900.00 W

Dipole–Dipole



Operator : J. Mignault
Receiver : IP-6, BRGM
Transmitter : GDD1400
Generator : 1.4 kW

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

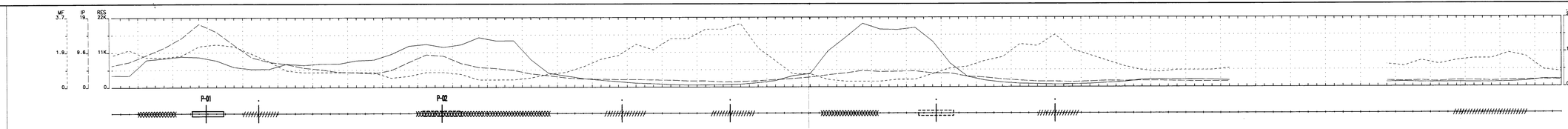
INTERPRETATION

Induced polarization anomaly.

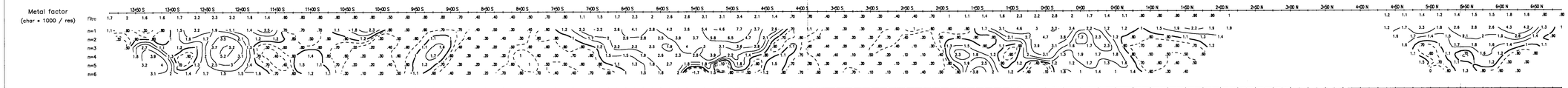
Resistivity low.

Resistivity high.

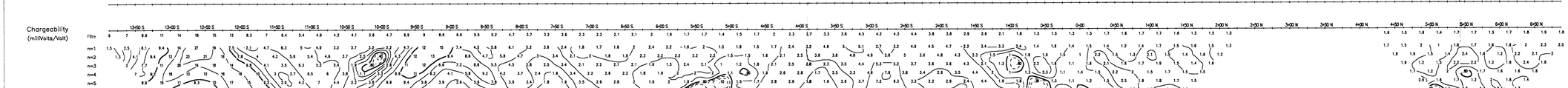
Scale 1:2500



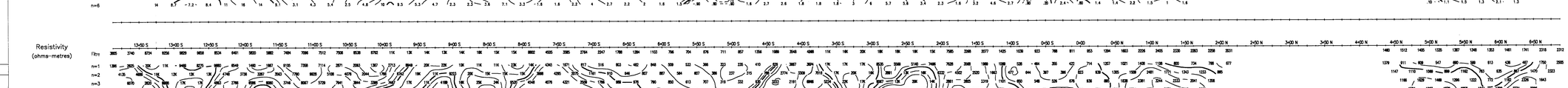
Metal factor (char * 1000 / res)



Chargeability (milliVolts/Volt)



Resistivity (ohms-metres)



CAMECO CORPORATION

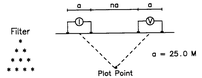
INDUCED POLARIZATION SURVEY
Powell Project (GRID A)
Bannockburn Township

Date: 96/07/30
Interpretation: Clermont Lavoie Eng., Ph. D.

GEOLA LTEE 96-813-03

Line 2100.00 W

Dipole–Dipole



Operator : J. Mignault
Receiver : IP-6, BRGM
Transmitter : GDD1400
Generator : 1.4 kW

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

INTERPRETATION

Induced polarization anomaly.

Resistivity low.

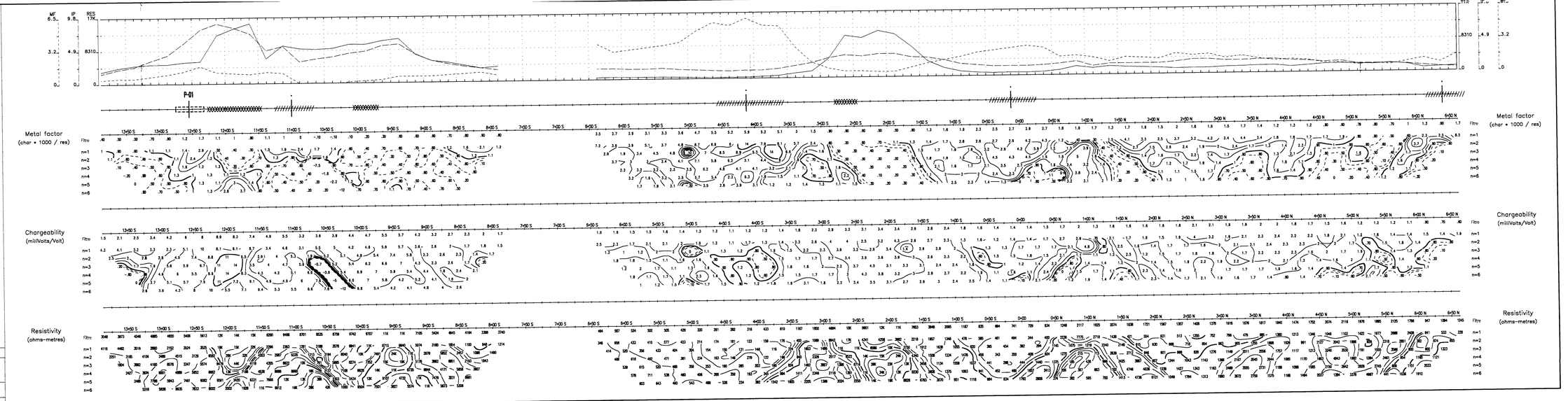
Resistivity high.

Scale 1:2500

CAMECO CORPORATION
INDUCED POLARIZATION SURVEY
Powell Project (GRID A)
Bannockburn Township

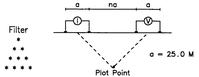
Date: 96/08/06
Interpretation: Clermont Lavoie Eng. Ph. D.

GEOLA LTEE 96-813-04



Line 2300.00 W

Dipole-Dipole



Operator : *J. Mignault*
Receiver : *IP-5, BRGM*
Transmitter : *GDD1400*
Generator : *1.4 kW*

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

INTERPRETATION

Induced polarization anomaly.

Resistivity low.

Resistivity high.

Scale 1:2500

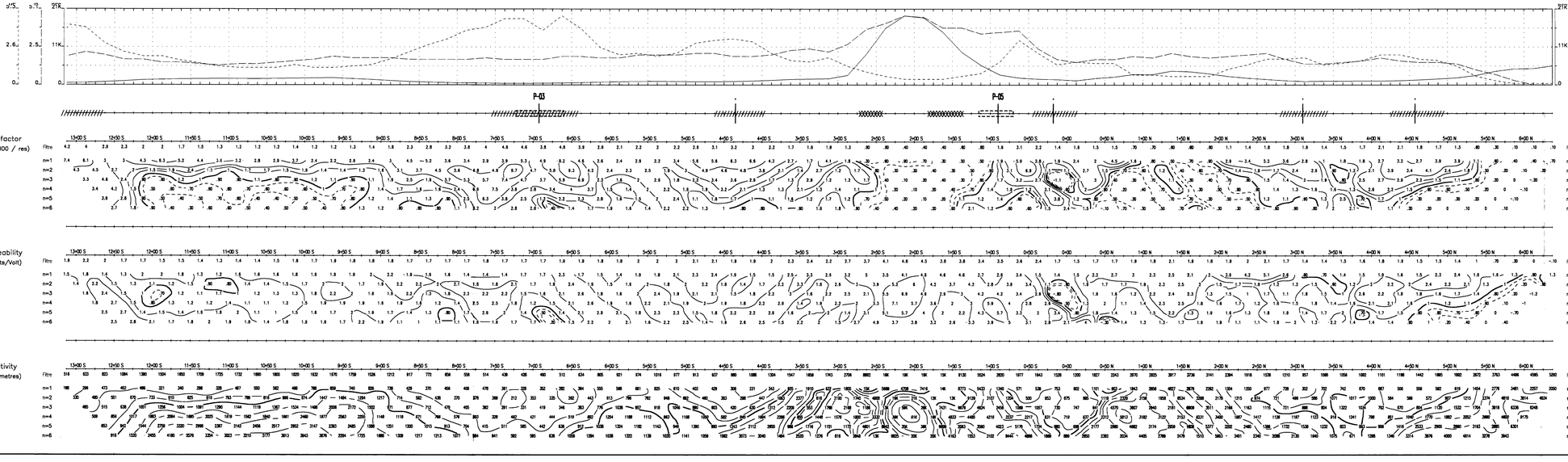
0 25 50 75 100 125 150 (meters)

CAMECO CORPORATION

INDUCED POLARIZATION SURVEY
Powell Project (GRID A')
Bannockburn Township

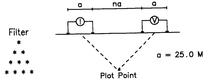
Date: 96/07/30
Interpretation: Clermont Lavoie Eng. Ph. D.

GEOLA LTEE 96-813-05



Line 2600.00 W

Dipole-Dipole



Operator : J. Mignault
Receiver : IP-6, BRGM
Transmitter : GDD1400
Generator : 1.4 kW

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

INTERPRETATION

Induced polarization anomaly.

Resistivity low.

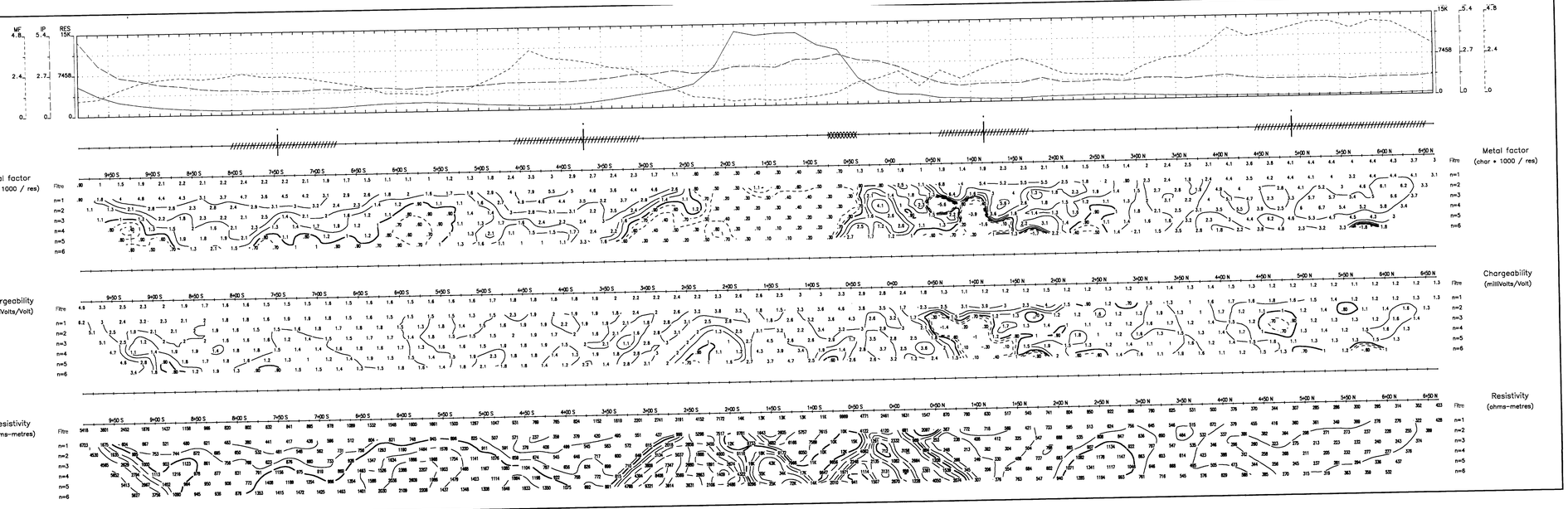
Resistivity high.

Scale 1:2500

CAMECO CORPORATION
INDUCED POLARIZATION SURVEY
Powell Project (GRID A)
Bannockburn Township

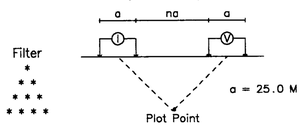
Date: 96/07/30
Interpretation: Clermont Lavoie Eng., Ph. D.

GEOLA LTEE 96-813-06



Line 2800.00 W

Dipole-Dipole



Operator : *J. Mignault*
Receiver : *IP-6, BRGM*
Transmitter : *GDD1400*
Generator : *1.4 kW*

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

INTERPRETATION

Induced polarization anomaly.

Resistivity low.

Resistivity high.

Scale 1:2500

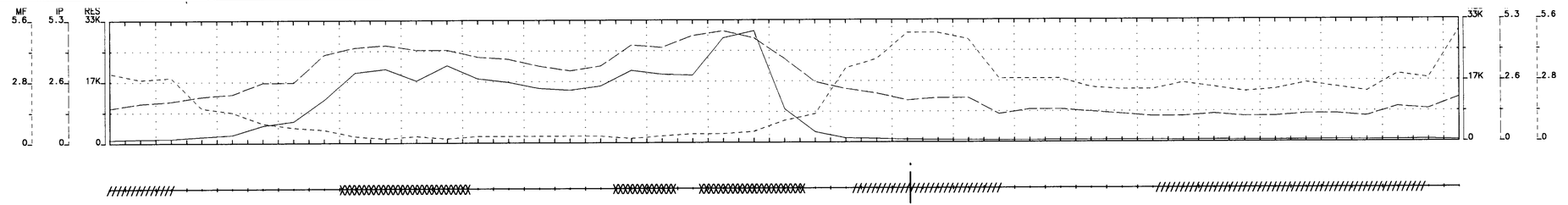
25 0 25 50 75 100 125 150 (meters)

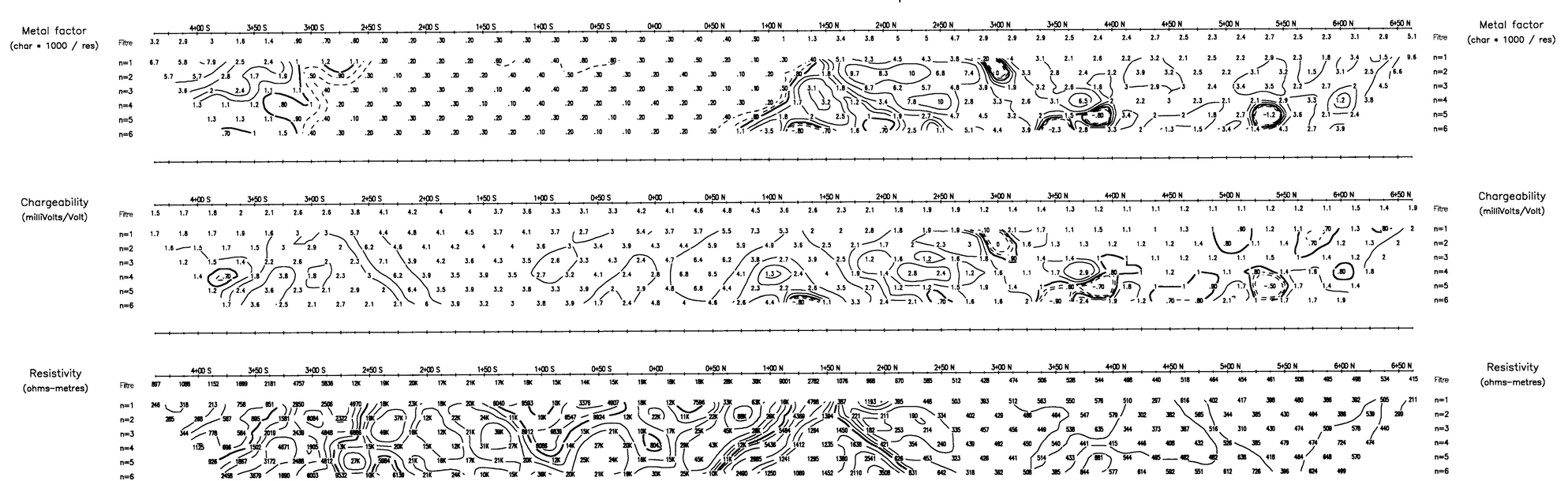
CAMECO CORPORATION

INDUCED POLARIZATION SURVEY
Powell Project (GRID A)
Bannockburn Township

Date: 96/07/30
Interpretation: Clermont Lavoie Eng. Ph. D.

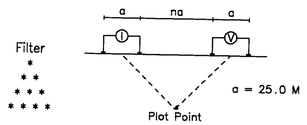
GEOLA LTEE 96-813-07





Line 3000.00 W

Dipole-Dipole



Operator : *J. Mignault*
Receiver : *IP-6, BRGM*
Transmitter : *GDD1400*
Generator : *1.4 kW*

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

INTERPRETATION

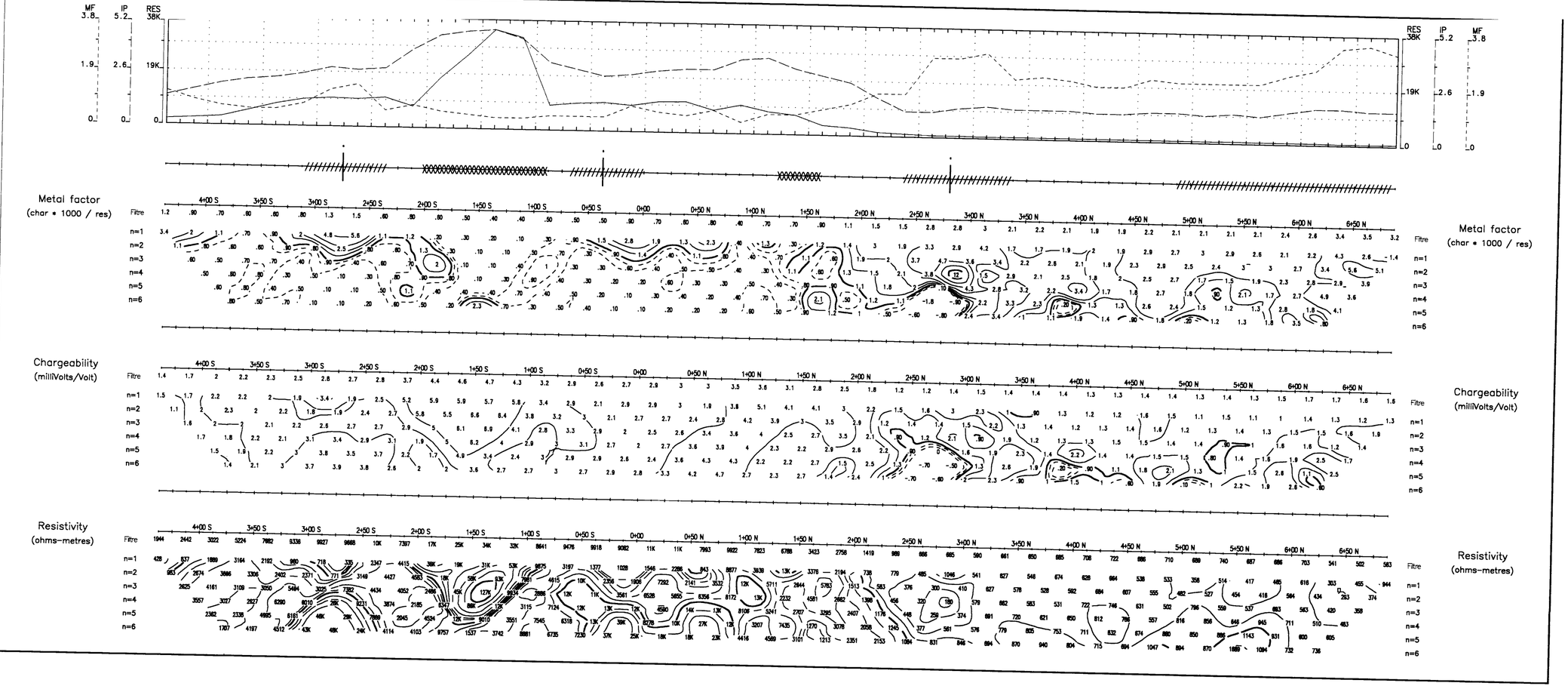
Induced polarization anomaly.

Resistivity low.

Resistivity high.

Scale 1:2500

25 0 25 50 75 100 125 150 (metres)



CAMECO CORPORATION

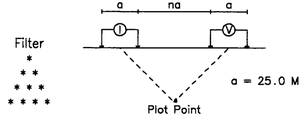
INDUCED POLARIZATION SURVEY
Powell Project (GRID A)
Bannockburn Township

Date: 96/07/30
Interpretation: Clermont Lavoie Eng. Ph. D.

GEOLA LTEE 96-813-08

Line 3600.00 W

Dipole–Dipole



Operator : *J. Mignault*
Receiver : *IP-6, BRGM*
Transmitter : *GDD1400*
Generator : *1.4 kW*

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10

INTERPRETATION

Induced polarization anomaly.

Resistivity low.

Resistivity high.

Scale 1:2500

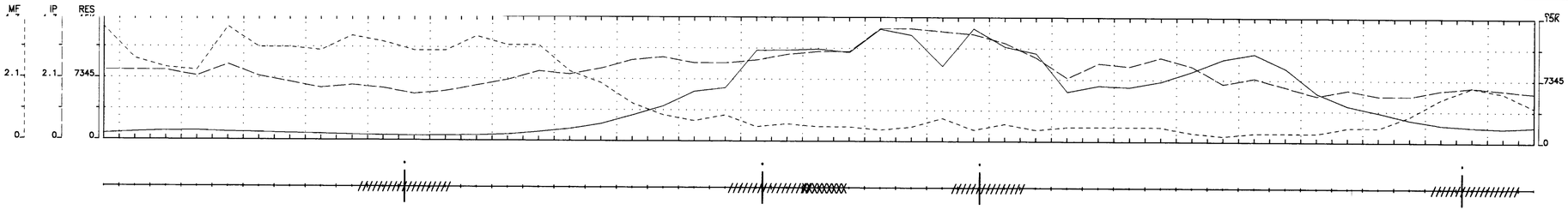
25 0 25 50 75 100 125 150 (meters)

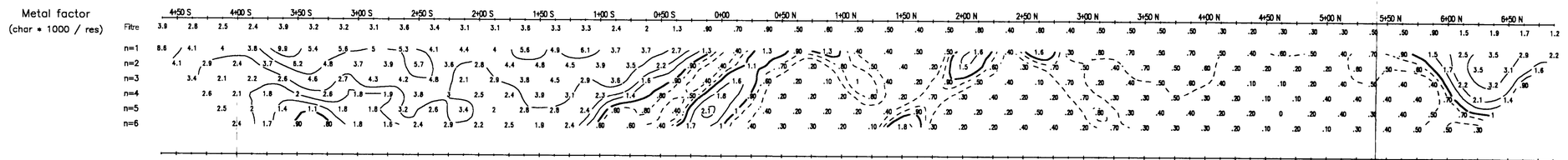
CAMECO CORPORATION

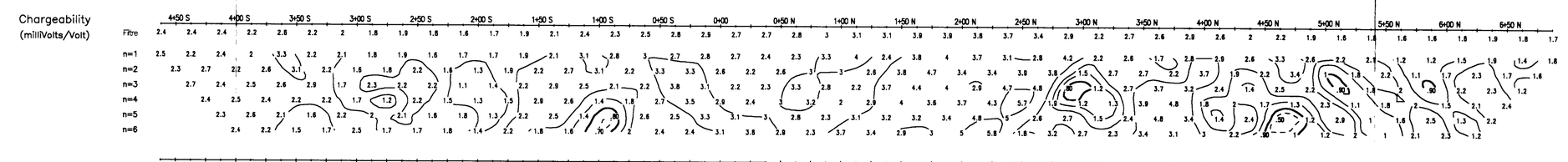
INDUCED POLARIZATION SURVEY
Powell Project (GRID A)
Bannockburn Township

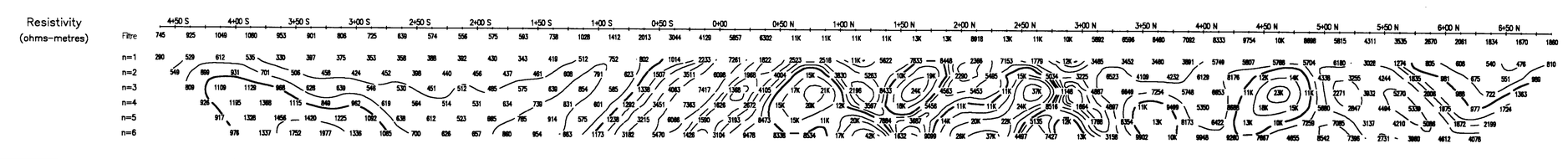
Date: 96/07/30
Interpretation: Clermont Lavoie Eng. Ph. D.

GEOLA LTEE 96-813-09









Ontario — Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use): W9780.00109
Assessment Files Research Imaging

Personal information collected on this form is obtained under the Mining Act, the information is a public record. Questions about this collection may be directed to the Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, ON P3E 6B5.

42A02SE0041 2.17055 BADEN

900

2.17055

Instructions - For recording a claim, use form 0240.

1. Recorded holder(s) (Attach a list if necessary)

Name: Fred Kiernicki / Mike Leahey		Client Number: Fred: 152022 Mike: 158198
Address: P.O. Box 1143 / 139 Carter Ave		Telephone Number: Fred: 1-705-567-4858 Mike 1-705-567-4696
Kirkland Lake, ON / Kirkland Lake ON		Fax Number
Name: Cameco Corp		Client Number: CAMECO 114820
Address: 1349 Kelly Lake Road, Unit 6		Telephone Number: 1-705-523-4555
Sudbury, ON P3E 5P5		Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☒ Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
☒ Physical: drilling, stripping, trenching and associated assays
☐ Rehabilitation

Work Type: As discussed in a phone conversation, this declaration contains: (MAG/I.P.) (1) Geophysics (2) MAPPING (PROSP.) (3) Prospecting (4) Till survey (other) (5) Trenching (PtRench)

Dates Work Performed: From 21 / 06 / 96 (Day / Month / Year) To: 06 / 12 / 96

Global Positioning System Data (if available)

Township/Area: Powell / Beden / Argyle / Barnockburn

M or G-Plan Number

Office Use	
Commodity	
Total $ Value of Work Claimed	77,188 ~~60,195.~~ 00
NTS Reference	
Mining Division	Larder Lake
Resident Geologist District	Kirkland Lake

Please remember to:
- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name: ALAIN FABER	Telephone Number: 1-705-670-1101
Address: 321 Laura Ave, Sudbury, ON, P3E 3R8	Fax Number
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address: 11.20 L.	Fax Number

MINERAL DEVELOPMENT SECTION LARDER LAKE DIVISION
FEB 17 1997

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

4. Certification by Recorded Holder or Agent

I, ALAIN FABER (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent		Date: 10 fév. 97.
Agent's Address: 321 LAURA AVE, Sudbury, ON, P3E 3R8	Telephone Number: 705-670-1101	Fax Number

0241 (02/96)

Deemed - May 18 /97

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	**Number of Claim Units.** For other mining land, list hectares.	**Value of work performed** on this claim or other mining land.	**Value of work applied** to this claim.	**Value of work assigned** to other mining claims. 2.17055	**Bank.** Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	1048622	1	735	800		
2	1048623	1	1607	800		807
3	1048624	1	1319	800		519
4	1048625	1	1065	800		265
5	1048626	1	930	800		130
6	1048627	1	356.	800		
7	1048638	1	192.	800		
8	1048639	1	502.	800		
9	1048694	1	2466.	800		1666
10	1048697	1	3374.	800	1117	1457
11	1048698	1	723.	800		
12	1048702	1	2823.	800	1021	1002
13	1048703	1	1047.	800		247
14	1048704	1	154.	800		
15	See annexe.					
		Column Totals	17293	11200	2138	6093

I, ALAIN FABER (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

Date 10 fév. 97

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☑ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

PLEASE, DO NOT CUT BACK CREDITS OF CLAIM # 1198142.

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

LARDER LAKE MINING DIVISION

For Office Use Only

Received Stamp FEB 17 1997

11:20 a.

Deemed Approved Date	Date Notification Sent
Date Approved May 18/97	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

0241 (02/96)

Ontario Développement du Nord et des Mines

d'exécution de travaux d'evaluation sur des terrains miniers

W9780.0109

Numéro de claim. Si les travaux ont été exécutés sur d'autres terrains miniers admissibles, indiquez dans cette colonne le numéro d'emplacement figurant sur la carte des claims.	**Nombre d'unités** Pour les autres terrains miniers, indiquez le nombre d'hectares.	**Valeur des travaux exécutés** sur ce claim ou sur d'autres terrains miniers	**Valeur des travaux appliquée** à ce claim	**Valeur des travaux affectée** à d'autres claims	**Réserve.** Valeur des travaux qui seront répartis à une date ultérieure. 2.17055
1048705	1	426.	519		
1048706	1	17.	657		
1048707	1	3408.	800	733	1875
1048708	1	1223.	800		423
1048712	1	11715.	800	4285	6630
1048713	1	1811.	800		1011
1048717	1	8786.	716		8070
1048718	1	6251.	520		5731
1198140	16	1715.	6000		
1198142	12	7759.	7759		
1205667	12	8050.			8050
1205689	15	9034.	6000		3034
	26	Claims			
11.202					
Total des colonnes		60195	25371	5018	34824

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

0290F (04/96)

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction: W9780.00109

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sor recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registr des concessions minières. Adresser toute quesiton sur la collece de ce renseignements au chef provincial des terrains miniers, ministère d Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbur (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	28612	
	Field Supervision Supervision sur le terrain		28612
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Trenching + sampling + washing	23599	
	Geophysics	10666	
	Line cutting	6624	
Supplies Used Fournitures utilisées	Type Assay (Morris + Prosp.)	2331	
			43220
Equipment Rental Location de matériel	Type		
	Lodging + transport + others	5656	5656
	Total Direct Costs Total des coûts directs		77488

2. Indirect Costs/Coûts indirects

March 1, 96

** **Note:** When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		
Amount Allowable (not greater than 20% of Direct Costs) Montant admisible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles**			77488

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Geologist (Recorded Holder/Agent, Position in Company) I am authorized to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé à faire cette attestation.

Signature	Date
	10 fév. 97

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

11:20 A.

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

April 21, 1997

Roy Spooner
Mining Recorder
4 Government Road East
Kirkland Lake, ON
P2N 1A2

Dear Sir or Madam:

Submission Number: 2.17055

Subject: Transaction Number(s):	W9780.00109	Status Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

NOTE: This correspondence may affect the status of your mining lands. Please contact the Mining Recorder to determine the available options and the status of your claims.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at beneteau_s@torv05.ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY
Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

Correspondence ID: 10739
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.17055

Date Correspondence Sent: April 21, 1997 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9780.00109	1048622	POWELL, ARGYLE, BANNOCKBURN, BADEN	Approval	April 14, 1997

Section:

14 Geophysical MAG
14 Geophysical IP
12 Geological GEOL

Correspondence to:

Mining Recorder
Kirkland Lake, ON

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Alain Faber
SUDBURY, ONTARIO, CANADA

FRED STAN KIERNICKI
KIRKLAND LAKE, Ontario

MICHAEL JOHN DAVID LEAHY
KIRKLAND LAKE, Ontario

CAMECO CORPORATION
Sudbury, Ontario

Correspondence ID: 10739

Robertson Twp. M.310

Sheba Twp. M.385

Argyle Twp. M.203

Alma Twp. M.202

MATACHEWAN INDIAN RESERVE No. 72

Powell Twp. M.241

THE TOWNSHIP OF

BADEN

DISTRICT OF
TIMISKAMING

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

PATENTED LAND	● or Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓛ
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	C.
PATENTED S.R.O.	◒

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Flooding rights to contour elevation 870 to Ont. Hydro .L.O. 7601 File : 12290 v.2

(RI) ~~Surface and Mining Rights Withdrawn from Staking, section 36/80 order No W 65/83~~

(RI) MINING & SURFACE RIGHTS REOPENED TO PROSPECTING, SALE OR LEASE, ORDER #0-L-10795, PREVIOUSLY WITHDRAWN UNDER ORDER #W 65/83.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES. FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

PLAN NO. M.205

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

2.17055
MAG, IP, GEOL

CIRCULATED JAN. 30, 1995

200

42A02SE0041 2.17055 BADEN

T.O.S.N

BANNOCKBURN

ARGYLE TWP. - M.203

MONTROSE TWP. - M.237

POWELL TWP. - M.241

DOON TWP. - M.217

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

THE TOWNSHIP OF

BANNOCKBURN

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

2.17055 (MAG, EP, GEOL)

DISPOSITION OF CROWN LANDS

PATENT, SURFACE AND MINING RIGHTS
" , SURFACE RIGHTS ONLY
" , MINING RIGHTS ONLY
LEASE, SURFACE AND MINING RIGHTS
" , SURFACE RIGHTS ONLY
" , MINING RIGHTS ONLY
LICENCE OF OCCUPATION

ROADS
IMPROVED ROADS
KING'S HIGHWAYS
RAILWAYS
POWER LINES
MARSH OR MUSKEG
MINES
CANCELLED C.

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

SAND AND GRAVEL

(G1) M.T.C. GRAVEL PIT 3F-25

(G2) M.T.C. GRAVEL PIT 1374

(RI) ~~SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING, SECTION 36/80 ORDER NO. W-65/83~~

(RI) Mining & Surface Rights Reopened to prospecting, sale or lease. Order O-L-10195, previously withdrawn under Order W-65/83

NOTICE OF FORESTRY ACTIVITY.
THIS TOWNSHIP / AREA FALLS WITHIN THE ELK LAKE MANAGEMENT UNIT

AND MAY BE SUBJECT TO FORESTRY OPERATIONS THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT P.O. BOX 129 SWASTIKA, ONT. POK 1TO 705-642-3222

PLAN NO. M.207

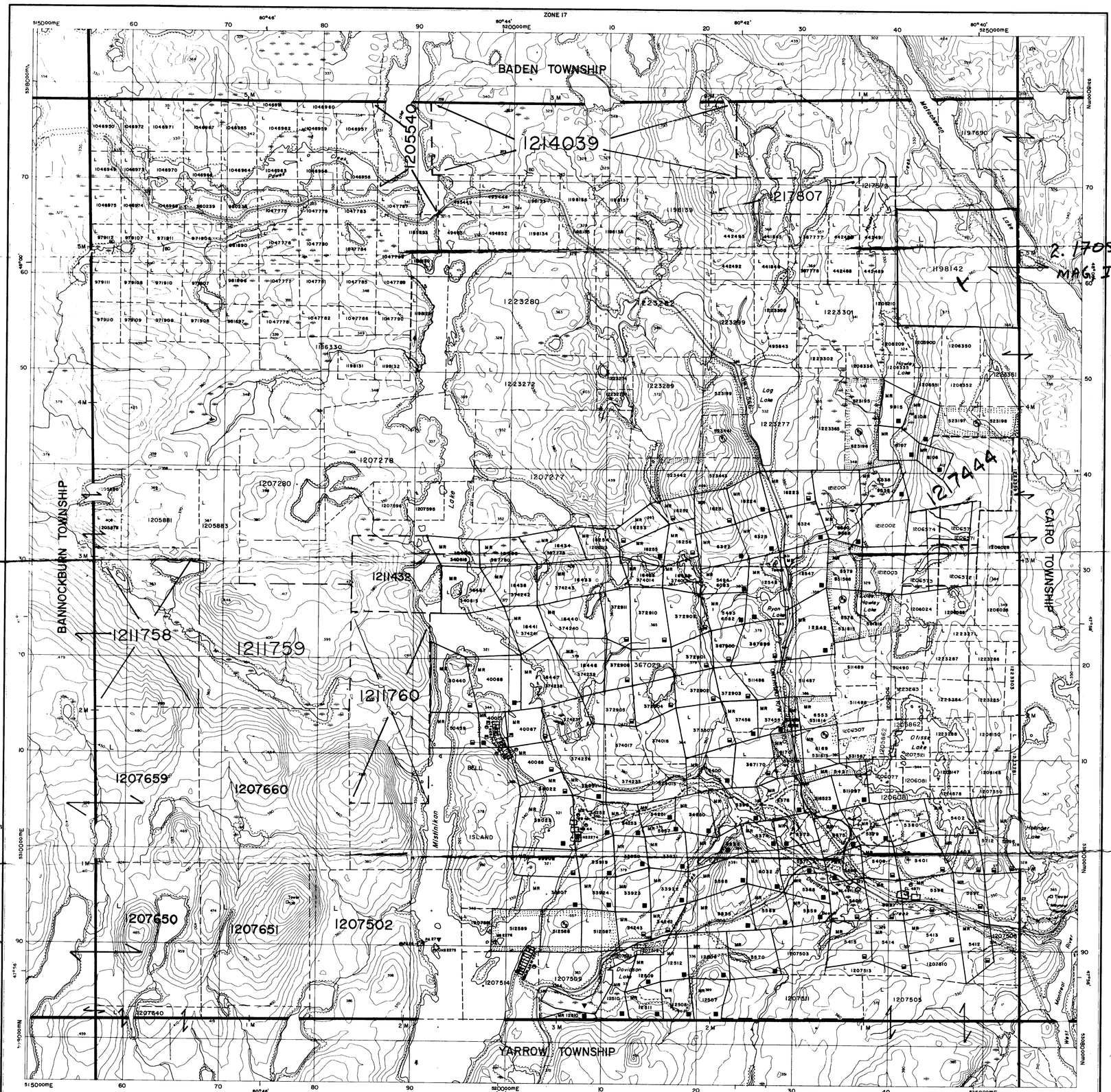
ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

CIRCULATED JANUARY 27, 1995

47°55'46"
80°47'21"

TRIM LINE

210



Ontario Ministry of Natural Resources

Ministry of Northern Development and Mines

INDEX TO LAND DISPOSITION

PLAN

G-3218

TOWNSHIP

POWELL

RECEIVED
FEB 24 1997
MINING LANDS BRANCH

MNR ADMINISTRATIVE DISTRICT
KIRKLAND LAKE

MINING DIVISION
LARDER LAKE

LAND TITLES / REGISTRY DIVISION
TIMISKAMING

Scale 1:20 000

Metres 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

Feet 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

2.17055
MAG, IP, GEOL

SYMBOLS

- Boundary
  - Township, Meridian, Baseline
  - Road allowance; surveyed
    - shoreline
  - Lot/Concession; surveyed
    - unsurveyed
  - Parcel; surveyed
    - unsurveyed
  - Right-of-way; road
    - railway
    - utility
  - Reservation
- Cliff, Pit, Pile
- Contour
  - Interpolated
  - Approximate
  - Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
  - double track
  - abandoned
- Road; highway, county, township
  - access
  - trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

DISPOSITION OF CROWN LANDS

- Patent
  - Surface & Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- Lease
  - Surface & Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- Licence of Occupation
- Order-in-Council — OC
- Cancelled
- Reservation
- Sand & Gravel

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
	W-L-18/95	MAR. 30/95	M+S	
	W-L-19/95	MAR. 30/95	M+S	
	W-L-20/95	MAR. 30/95	M+S	

DATE OF ISSUE
FEB 21 1997
LARDER LAKE
MINING RECORDER'S OFFICE

NOTES

L.O. 7601 COVERS FLOODING RIGHTS IN THIS TOWNSHIP TO CONTOUR 870 TO ONTARIO HYDRO. FILE 12290 VOL. 2.

CIRCULATED DEC 14, 1995 KP

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

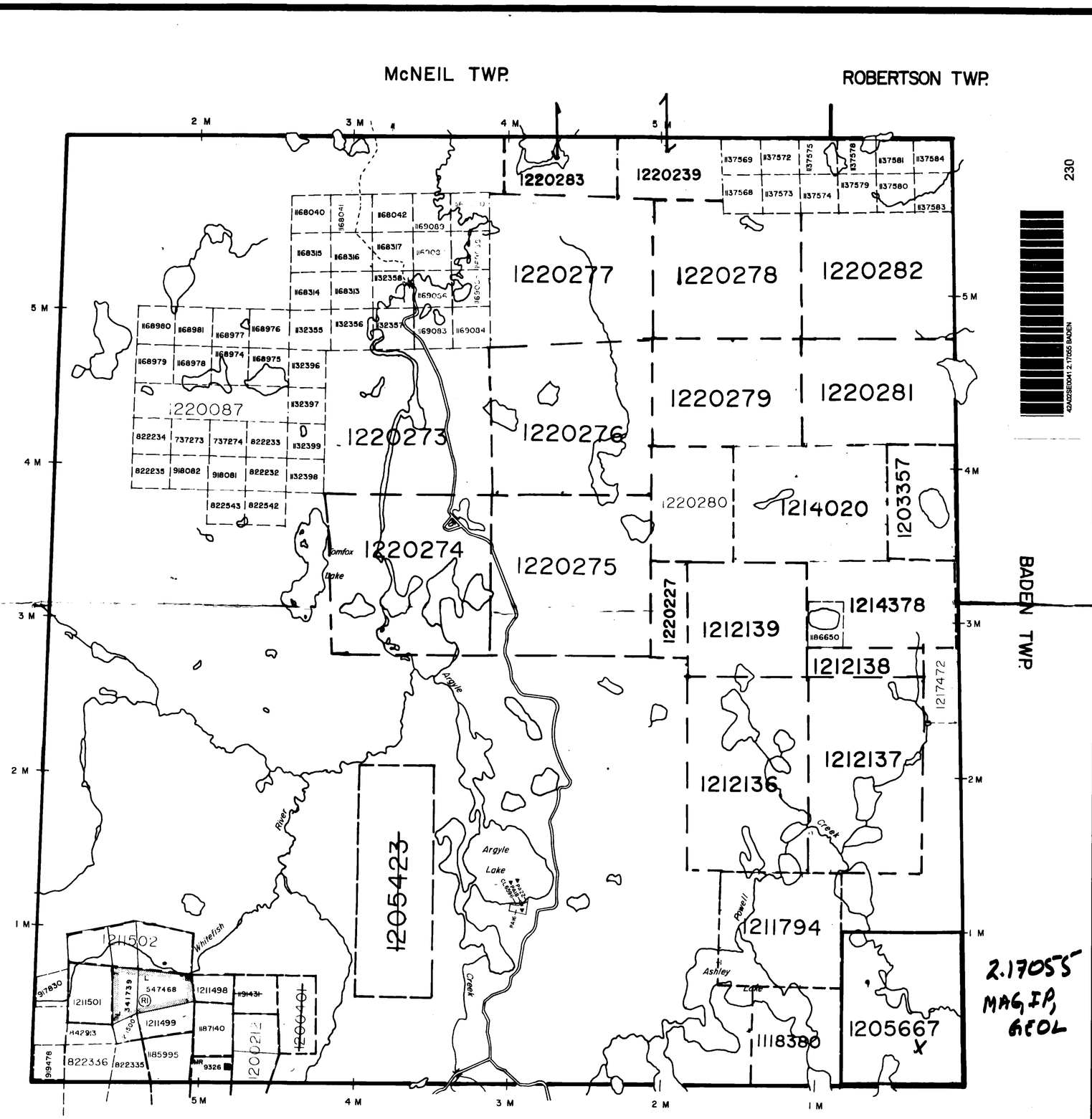
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
(RI)	W-L-13/95 NER	MARCH 14/95 7:00AM	S & M	

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACURACY IS NOT GUARANTEED. THOSE WISHIN TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON



THE FOLLOWING SURVEYS CAN BE FOUND ON THE ARCHIVED COPY DATED JUNE OF 1995: MR 0188 10187, 10189, 10186, 8609, 8608, 8605, R604, 8606, 12006, 12007, LOCATED BETWEEN THE 5 MILE AND 2 MILE MARKS (RUNNING NORTH & SOUTH) AND EAST OF THE 2 MILE MARK.

ARCHIVED OCTOBER 7, 1996

2.17055
MAG, IP, GEOL

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	◒
" MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	■
" MINING RIGHTS ONLY	■
LICENCE OF OCCUPATION	▼
CROWN LAND SALE	C.S
ORDER-IN-COUNCIL	OC
RESERVATION	(R)
CANCELLED	⊗
SAND & GRAVEL	(S)

SCALE: 1 INCH = 40 CHAINS

FEET 0 500 1000 2000 4000 6000 8000
METRES 0 200 400 600 800 1 KM 2 KM

TOWNSHIP

ARGYLE

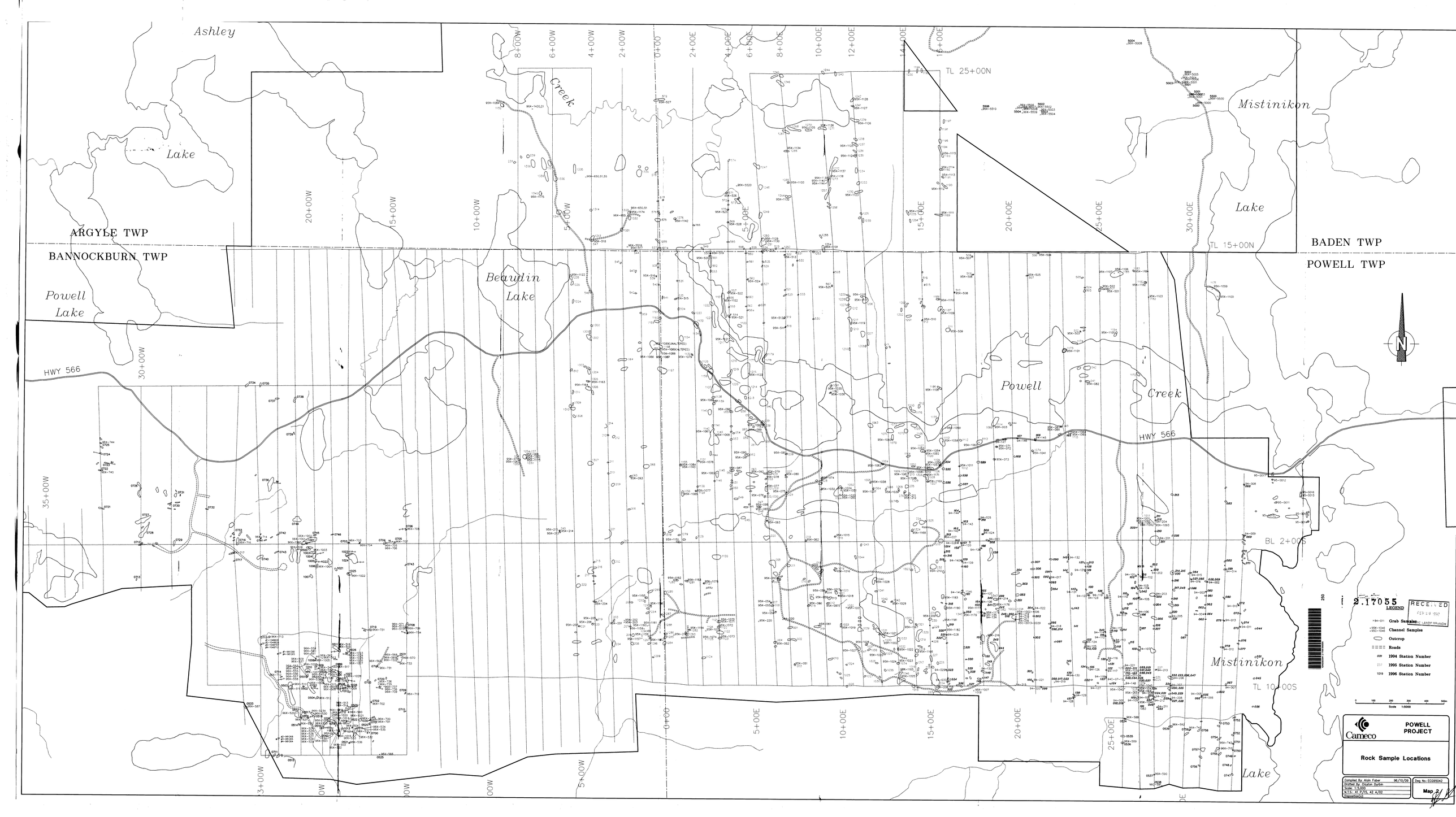
DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE

RECEIVED
1995 JUN 22

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Date	Plan No
CIRCULATED JUNE 22/95 CM	M-203


Ashley
Lake
ARGYLE TWP
BANNOCKBURN TWP
Powell Lake
Beaudin Lake
Creek
HWY 566
Mistinikon
Lake
BADEN TWP
POWELL TWP
TL 25+00N
TL 15+00N
TL 10+00S
BL 2+00S
Calc-alkalic Suite
Powell Creek
Kirkland-Larder Lake Break
Meta Sediments (North Band)
POW9505
Tholeiitic Suite
High Strain Zone
POW9504
High Strain Zone
Siliceous and Carbonate Rich Sediments
Syenite
POW9506
POW9502
POW9503
POW9501
POW9507
Meta Sediments
Ultramafic Sequence
Kirkland-Larder Lake Break (South Splay)
Mistinikon
Lake
RECEIVED
FEB 20 1997
MINING LANDS BRANCH
Scale 1:5000
Cameco
POWELL PROJECT
Geology and Diamond Drill Hole Locations
Map 1


Ashley
Lake
ARGYLE TWP
BANNOCKBURN TWP
Powell Lake
Beaudin Lake
Creek
Mistinikon
Lake
BADEN TWP
POWELL TWP
TL 25+00N
TL 15+00N
TL 10+00S
BL 2+00S
HWY 566
Powell
Creek
Mistinikon
Lake
20+00W
15+00W
10+00W
5+00W
30+00W
35+00W
0+00
5+00E
10+00E
15+00E
20+00E
25+00E
30+00E
N
i 2.17055
RECEIVED
FEB 10 1997
MINING LANDS BRANCH
LEGEND
Grab Samples
Channel Samples
Outcrop
Roads
1994 Station Number
1995 Station Number
1996 Station Number
0 100 200 300 400 500m
Scale 1:5000
Cameco
POWELL PROJECT
Rock Sample Locations
Compiled By: Alain Faber 96/10/09
Drafted By: Clayton Durbin
Scale: 1:5,000
N.T.S.: 41 P/15, 42 A/02
Transform(s):
Dwg No. ECO95042
Map 2

566

30+00W

Cedar & Alder

Jackpine & Tea & Muskeg

Wet Spruce & Alder

Poplar & Jackpine

Mixed Forest

Jackpine & Muskeg

Spruce & Alder

Jackpine & Cedar & Birch

Jackpine & Tea & Muskeg

Jackpines

Jackpine & Muskeg & Tea

Jackpine & Muskeg

Beaver Pond

Cedar & Tea

Jackpine & Birch & Poplar

Open Water

Alder & Cedar

Cedar

Beaver Pond

Jackpine & Tea & Muskeg

Cedar

Jackpine & Cedar & Muskeg

Cedar

Jackpine & Muskeg

Pond

Cedar Swamp

Cedar Swamp

Beaver Pond

Flat Sand Plane Jack Pine

Sand Jack Pine

Clear Cut

Birch & Poplar & Pine

Flat Mixed Forest

Boulder

Beaver Pond

Edge of Clear Cut

Beaver Pond

Beaver Pond

Wet Alders

Birch & Poplar & Pine

Sand

Jack Pine

96T-006

Cedar Swamp

Sand

Gaylor Qtz Showing

96T-005

Mixed Forest

Jackpines

Till Ridge

Alders

Mixed Forest

Flat Mixed Forest

96T-004

Flat Mixed Forest

Jackpine

Beaver Pond

96T-003

96T-002

96T-001

Beaver Pond

Flat Mixed Forest

23+00W

20+00W

5+00W

N

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

17055

0 10 20 30 40 50 60 70 80 90 100 150 200 250m
Scale 1:2500

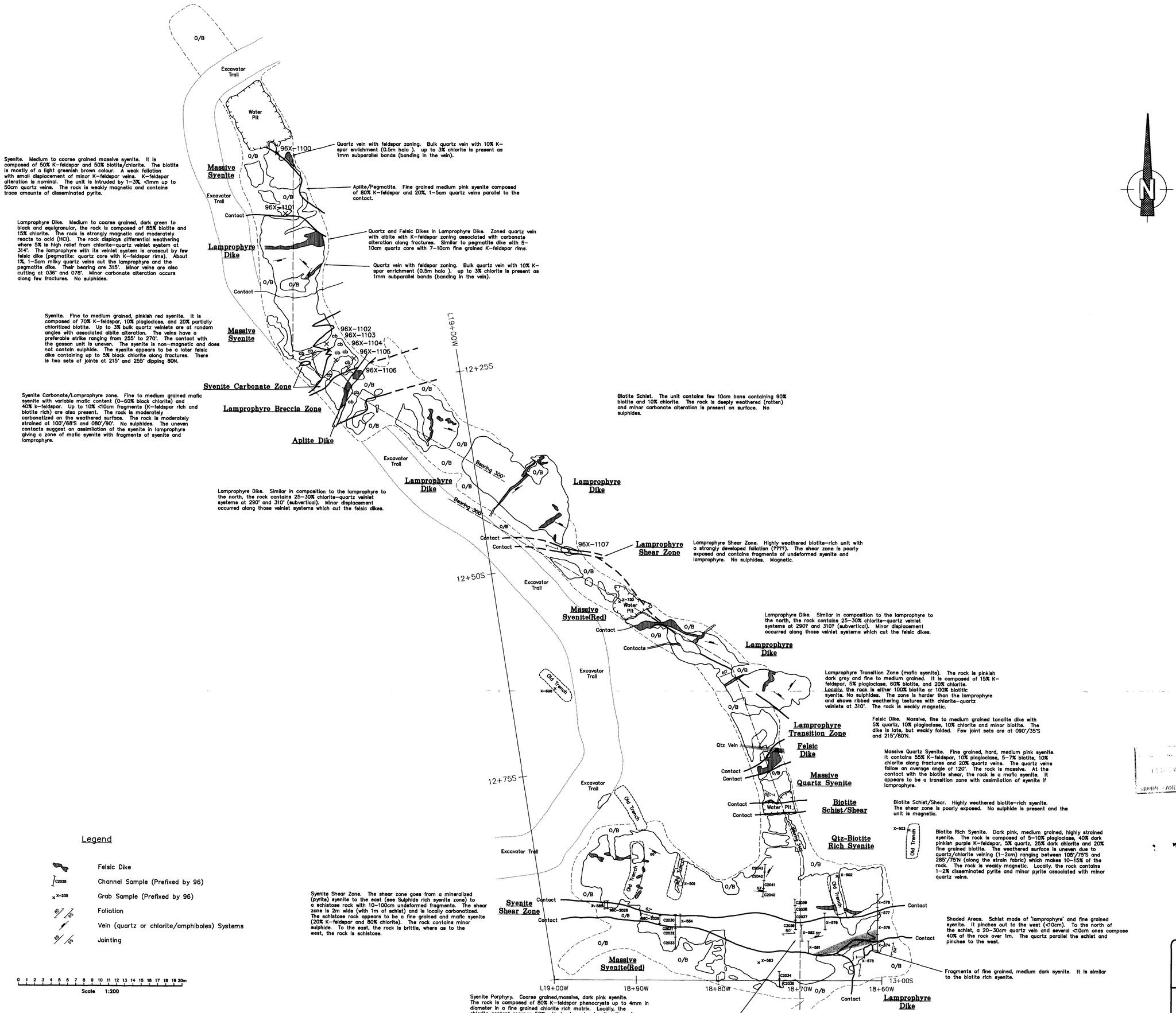
260

Cameco

POWELL PROJECT

Till Sample Locations

Compiled By: Alain Faber 96/08/20	Dwg No.: ECG95041
Drafted By: Clayton Durbin	
Scale: 1:2,500	Map 3
N.T.S.: 41 P/15, 42 A/02Datum: NAD 27	
Disposition(s):	



270

Cameco

POWELL PROJECT

Detailed Geology - Trench 4
(Syenite Showing)
Claim 1048717

Compiled By: A.F., P.C. 96/08/22	Dwg No.: ECG96018
Drafted By: Clayton Durbin	
Scale: 1:200	**Map D-1**
N.T.S.: Datum:	
Disposition(s): 1048717	

Gabbro. Massive, jointed (082°/75°S) and medium grained gabbro. The rock is greenish black and contains 3% epidote–feldspar filled fractures of 2mm in width which contains minor pyrite. The rock is composed of 30% biotite in a chlorite rich matrix. The rock is weakly magnetic. Minor quartz veins.

Magnetite–rich unit. Oxide banded iron formation (BIF). Intervals composed of <1mm (up to 1cm) magnetite bands with chlorite and chert bands of similar thicknesses. (50% Mt, 10% Hm, 20% Chl., 10% chert). The bands are discontinuous, especially when <1mm in thickness. (On outcrop, it appeared to be Spinifex textures). A few chert bands up to 10cm are present. Locally, up to 3% pyrite is disseminated or along fractures. Trace amounts of chalcopyrite are present.

Transition Zone. Zone containing interbedding of chert and magnetite/chlorite beds (ratio of 1:1). The beds are <1cm with a single chert interval of 30cm. (See paragraph for chert and magnetite–rich unit for information about the formation.)

Chert. White to light grey, very fine grained chert. The chert has a microcrystalline texture and displays <1mm up to 5cm bands. The bands are outlined by chlorite and/or red hematite as 1mm (up to 1cm) diffuse intervals. The chloritic intervals shows lamination and are not magnetic. In places, highly potassic altered feldspar are present disseminated and along fractures. No sulphides. The rocks have several joint sets (265°/80°S, 195°/80°W, and others) which brake the rock in <5cm pieces. The contact of the chert unit with the adjacent units are characterized by fault zones.

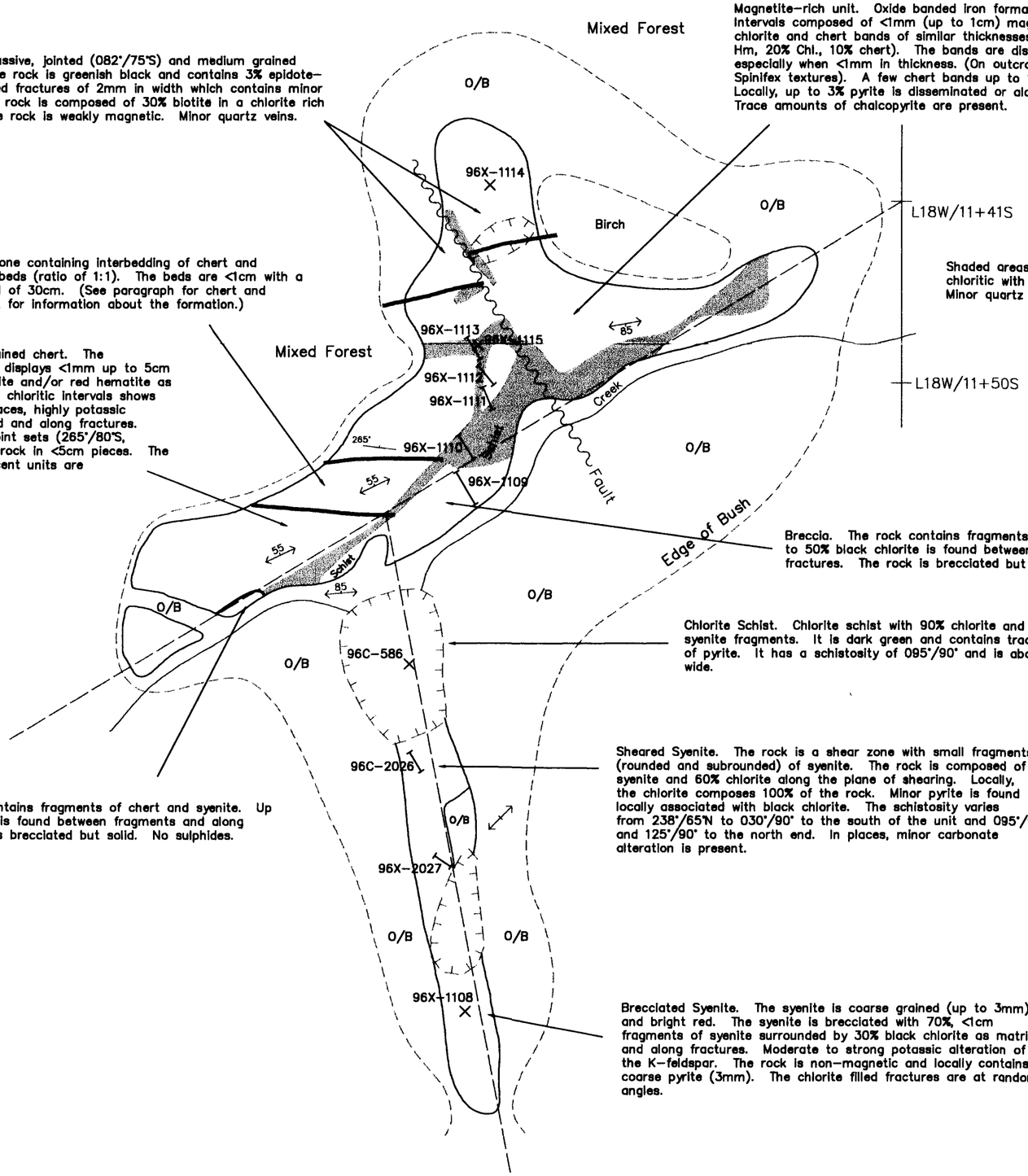
Shaded areas. Schistose intervals. The schist are mostly chloritic with minor K–feldspar (with potassic alteration). Minor quartz injections are also present.

Breccia. The rock contains fragments of chert and syenite. Up to 50% black chlorite is found between fragments and along fractures. The rock is brecciated but solid. No sulphides.

Chlorite Schist. Chlorite schist with 90% chlorite and 10% syenite fragments. It is dark green and contains trace amounts of pyrite. It has a schistosity of 095°/90° and is about 2.5m wide.

Sheared Syenite. The rock is a shear zone with small fragments (rounded and subrounded) of syenite. The rock is composed of 40% syenite and 60% chlorite along the plane of shearing. Locally, the chlorite composes 100% of the rock. Minor pyrite is found locally associated with black chlorite. The schistosity varies from 238°/65°N to 030°/90° to the south of the unit and 095°/90° and 125°/90° to the north end. In places, minor carbonate alteration is present.

Brecciated Syenite. The syenite is coarse grained (up to 3mm) and bright red. The syenite is brecciated with 70%, <1cm fragments of syenite surrounded by 30% black chlorite as matrix and along fractures. Moderate to strong potassic alteration of the K–feldspar. The rock is non–magnetic and locally contains 1% coarse pyrite (3mm). The chlorite filled fractures are at random angles.



17055

280

0 1 2 3 4 5 6 7 8 9 10m

Scale 1:200

Cameco

POWELL PROJECT

Detailed Geology - Trench 5 (Creek Showing) Claim 1048712

Compiled By: Alain Faber 96/08/22	Dwg No.: ECG98019
Drafted By: Clayton Durbin	Map D-2
Scale: 1:200	
N.T.S.: Datum:	
Disposition(s): 1048712	

Syenite, medium grained and very pink K-feldspar ~60%. 2% 1-2mm chlorite veinlets, sericite/chlorite ~5%. <1% carb alteration, minor plagioclase, amphiboles chloritized. O/C contains 5% quartz stringers, 2nd pod up to 0.25m. Overall syenite is fairly massive.

Major Joint 360°/90°

Excavator Trail

Major Joint 075°/60°

Qtz Pods

L18W

12+00S

12+08S

Syenite, medium to coarse grained and equigranular. K-feldspar enriched(80%+) with minor quartz veining and pockets. Non-magnetic with a 10% to 15% chlorite component, 5% of which is fracture filling. Joint sets at 350/90° are closely spaced (2-3cm) which produces blocky and broken areas.

Qtz Veins ~350

Syenite, medium to coarse grained, equigranular and K-feldspar enriched. Weakly magnetic.

Transition Zone

Syenite, medium to coarse grained, equigranular with moderate K-feldspar alteration. Mineralogy consists of 75% K-feldspar, 5% plagioclase, 10% chloritized amphiboles and 10% black chlorite filled fractures 1-2 mm.

Creek

Syenite, medium to coarse grained and equigranular with 50% K-feldspar. Mineralization consists of <1% disseminated and fracture controlled pyrite. The matrix is dark green and finer grained and is composed of minor biotite(1-2%), calcite, plagioclase and chlorite. Approximately 5-10% of the outcrop is cut by 1-3 cm milky quartz veins. Locally, the syenite is brecciated and porphyritic. Samples are moderately to strongly magnetic and react to HCl. Major joint sets are 295°/60°N, minor joint sets are 220°/50°N and mineral foliation is 300°.

Mineralized Zone (py)

Syenite, medium grained and porphyritic with 3-5% disseminated pyrite. K-feldspar rich, varying from 50-75% in local areas. Approximately 10% of the outcrop is cut by clam quartz veins. Syenite is moderately magnetic, locally silicified and exhibits only minor calcite alteration.

Au in Gravel

Jointe 280/75N

Sheared Syenite

Contact of Shear Zone

Water

Syenite, highly sheared with 15%+ calcite alteration. Syenite is strongly chloritized 50% and locally biotite rich 40-75%. No visible sulphides. The shear zone is 5-7 metres in width and is striking approximately East/West. Extreme biotite alteration occurs in the central 2-3 metre area of the shear and decreases towards the contacts on either side, becoming more chlorite rich. The sheared syenite is strongly magnetic and reacts vigorously with HCl.

Syenite, breccia zone? Differential weathering has produced a ribbed texture with raised edges and lower pockets. The lower areas consist of medium grained and strongly magnetic syenite. The mineralogy is 35% K-feldspar, 10-20% plagioclase, 20-30% black chlorite and 10-15% calcite. Fractures ranging from 1-3mm are chloritized. This syenite reacts strongly with HCl. The raised sections consist of fine to medium grained light pink syenite which is silicified and non-magnetic. This syenite reacts mildly to HCl and contains minor pyrite & hematite.

Transition Mx-Bx

L17W

12+00S

12+25S

Syenite, coarse grained, massive and strongly magnetic. Mineralogy consists of 40% K-feldspar, 30% plagioclase, 15-20% biotite, 5% calcite and 5% quartz with no visible sulphides. This syenite reacts moderately to HCl.

Contact

Lamprophyre, medium grained and black (fresh) with a grey weathered surface. The intrusive is composed of 80% biotite and 20% chlorite, is strongly magnetic and reacts moderately to HCl. The exposed outcrop contains raised fragments and veins of syenite and quartz up to 1m wide and 5-8m in length. The fragments have sharp contacts and irregular but elongated shapes. Locally, cross-cutting 1-2cm quartz/chlorite veinlets cut the lamprophyre and are also raised above the weathered surface.

Syenite Fragments

Syenite, medium to coarse grained and massive. Minor quartz veining <5 cm and trace disseminated pyrite. Joint sets vary from 360°/90° to 010°/45°S.

Syenite, fine grained and light pink along contact of shear zone.

Very Fine Grained Syenite

Shear & Qtz Vein

Syenite, strongly sheared and schistose. Contact area is locally porphyritic and strongly magnetic containing 1-2% disseminated pyrite. The central section of the sheared area is strongly magnetic and reacts vigorously to HCl. Shearing has produced a talcose texture to the rock which consists of 70% chlorite, 20% calcite and 10% biotite. Carbonate alteration has produced a 2mm orange rind on the weathered surface in local sections. A 5 cm milky quartz vein parallels the North contact of the shear zone and contains 1-2% green chlorite and minor disseminated pyrite.

Syenite, medium to coarse grained and massive. Minor quartz veining <5 cm and trace disseminated pyrite. Joint sets vary from 360°/90° to 010°/45°S.

Legend

- 9e Syenite
- 11d Lamprophyre
- Overburden (O/B)
- Syenite & Quartz Fragments
- Shear
- Joints
- Foliation
- Water Filled Area
- Rubble
- C-2014 Channel Sample (prefixed by 96)
- X-804 Grab Sample (prefixed by 96)

2.17055

290

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20m

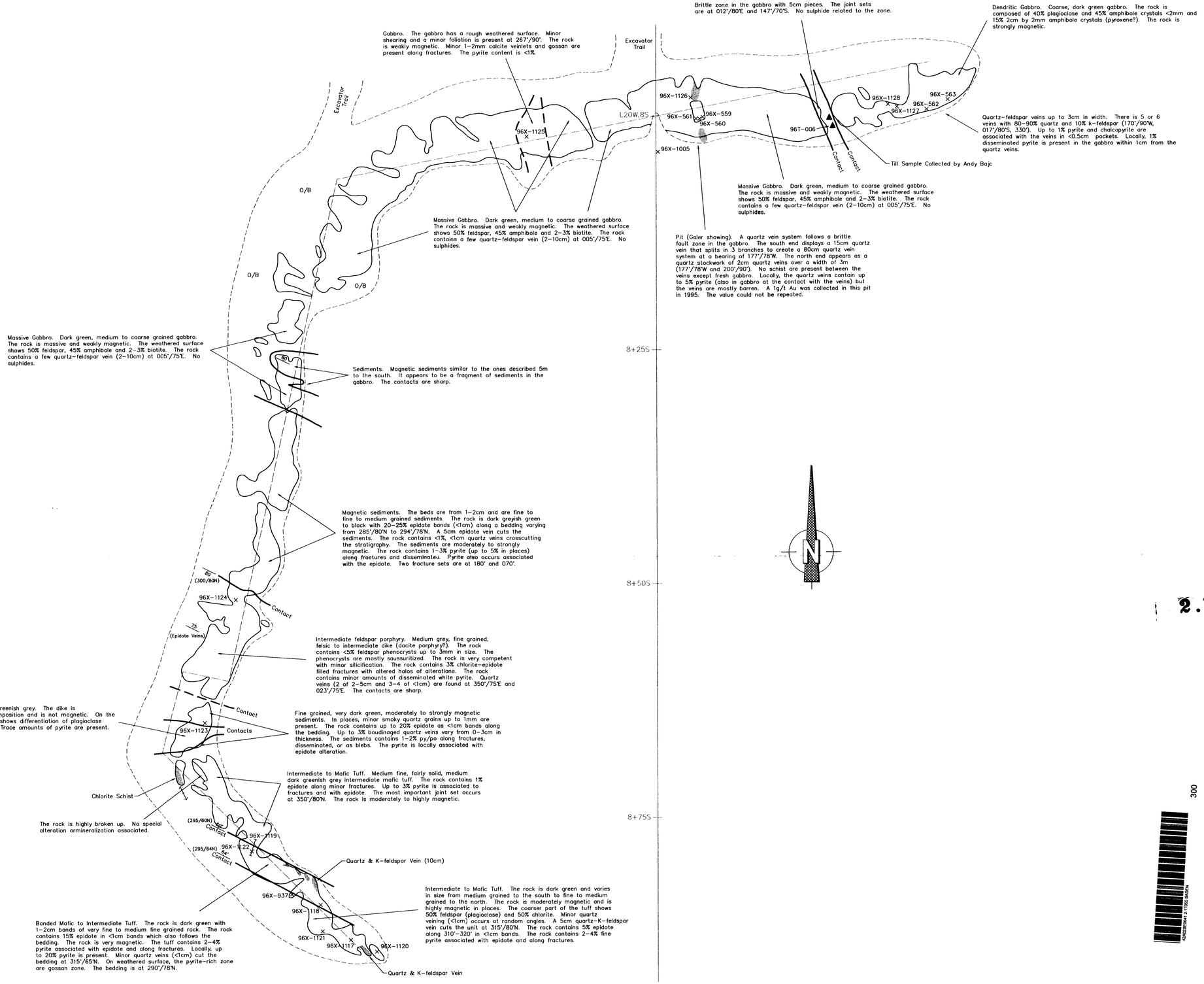
Scale 1:200

Cameco

POWELL PROJECT

Detailed Geology - Trench 6 (Chicken Foot) Claim 1048718

Compiled By: M. Turcott 96/08/23	Dwg No.: ECG96020
Drafted By: Clayton Durbin	Map D-3
Scale: 1:200	
N.T.S.: Datum:	
Disposition(s): 1048718	



2.17055

Legend

96X-1119	Chip Sample
96X-1100	Grab Sample
96T-046	Till Sample
80/20	Foliation
80/20	Jointing

300

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20m

Scale 1:200

Cameco

POWELL PROJECT

Detailed Geology - Trench 7 (Galer Showing) Claim 1048712

Compiled By: Alain Faber	96/08/23
Drafted By: Clayton Durbin	
Scale: 1:200	
N.T.S.:	Datum:
Disposition(s): 1048712	

Dwg No.: ECG96021

Map D-4

Andesite Porphyry Fragmental (Calc–alkalic suite). Fairly massive, fresh, medium grained porphyritic and fragmental rock. It is fragment supported with 70–80%, 1–15cm rounded fragments. The rock has several joint sets a various angles. The rock is weakly chloritized with 1–3% calcite filled fractures (weathered to black). No carbonate alteration is present. Locally, minor disseminated pyrite is associated with the calcite. The calc–alkalic rock has a brittle fabric over 2m at the contact with the highly altered shear zone.

Breccia. The rock appears to be a primary breccia that was fractured. Up to 3% calcite fills the voids created by the breccia. Minor fine grained pyrite is associated with fractures.

Chlorite schist. The rock is dark green. It contains minor quartz veinlets and minor disseminated pyrite. Minor carbonate alteration is present.

Highly schistose interval. The rock is highly carbonatized, and sericitized, and albitized. The rock contains 10% disseminated pyrite and trace fuchsite.

Shear Zone/Carbonatized and Albitized Schist. The rock is a shear andesite porphyry. the rock is highly carbonatized, albitized and moderately sericitized. The rock is yellowish green. It is composed of 2% carbonate, 15% quartz veinlets, 10% sericite, 20% chlorite veinlets and rock debris and 25% albitized host rock fragments. The rock contains 5% disseminated white pyrite and trace amounts of chalcopyrite. The rock is weakly silicified and trace fuchsite is present. The weathered surface is schistose and orange.

Carbonate schist. The area covers 40cm by 100cm. It is highly schistose with 40% carbonate and albite alteration.

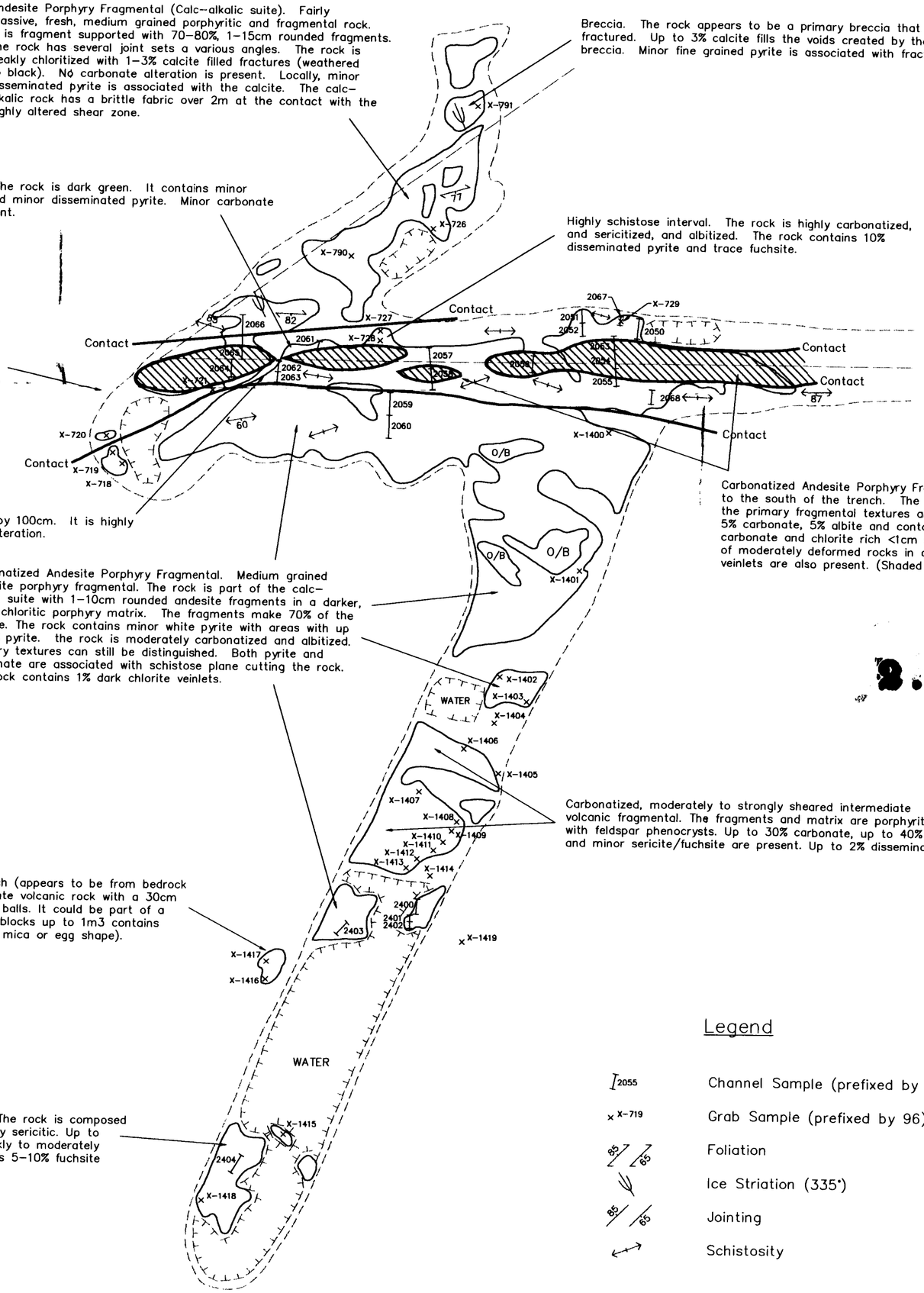
Carbonatized Andesite Porphyry Fragmental. Medium grained andesite porphyry fragmental. The rock is part of the calc–alkalic suite with 1–10cm rounded andesite fragments in a darker, more chloritic porphyry matrix. The fragments make 70% of the volume. The rock contains minor white pyrite with areas with up to 2% pyrite. the rock is moderately carbonatized and albitized. Primary textures can still be distinguished. Both pyrite and carbonate are associated with schistose plane cutting the rock. The rock contains 1% dark chlorite veinlets.

Carbonatized Andesite Porphyry Fragmental. Similar to the unit to the south of the trench. The rock is moderately sheared and the primary fragmental textures are still visible. The rock is 5% carbonate, 5% albite and contains 1–3% pyrite associated to carbonate and chlorite rich <1cm shear planes. These are blocks of moderately deformed rocks in a schist. Up to 3% quartz veinlets are also present. (Shaded Areas)

Carbonatized, moderately to strongly sheared intermediate volcanic fragmental. The fragments and matrix are porphyritic with feldspar phenocrysts. Up to 30% carbonate, up to 40% chlorite and minor sericite/fuchsite are present. Up to 2% disseminated pyrite.

Blocks excavated from the trench (appears to be from bedrock under water). It is an intermediate volcanic rock with a 30cm interval with egg shape fuchsite balls. It could be part of a fault zone. No sulphide. Several blocks up to 1m3 contains up to 70% fuchsite (booklets of mica or egg shape).

Carbonatized Andesite Porphyry Fragmental. The rock is composed of 30–50% chlorite–rich matrix which is locally sericitic. Up to 70% felsic to intermediate fragments are weakly to moderately sericitic and carbonate–rich. The rock contains 5–10% fuchsite rich phenocrysts. Minor disseminated pyrite.



310

Legend

- 2055 — Channel Sample (prefixed by 96C–)
- X-719 — Grab Sample (prefixed by 96)
- 85 / 85 — Foliation
- Ice Striation (335°)
- 85 / 85 — Jointing
- Schistosity

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15m

Scale 1:200

Cameco

POWELL PROJECT

Detailed Geology - Trench 8 (Argyle Trench) Claim 1205667

Compiled By: Alain Faber	96/08/23
Drafted By: Clayton Durbin	
Scale: 1:200	
N.T.S.:	Datum:
Disposition(s): 1205667	

Dwg No.: ECG96022

Map B-5

Hawley Creek

L 1+00OE

L 5+00OE

L 10+00OE

BL 0+00

Narrow Lake

Matachewan

Lake

Hawley Lake

POWELL TWP

CAIRO TWP

TL 10+00S

N

Till Ridge
Poplars & Boulders
Poplars
1,PI
1,EP,SR
Boulder Field
Ash Trees
Wet
Maple & Poplars
6,MG,EP
10g
1,MA,EP
Till
6,BX
8b,MG
8b
Spruce & Jack Pine
10g,QZ
1or6,MN,BX
1or6,BX,MN
Jack Pine & Poplars
Jack Pine & Birch
Boulder Field
Spruce & Alders
Alders
Spruce
Jack Pine & Spruce
Spruce & Labrador Tea
Labrador Tea
1,MA
1,FX,BX
1,MA,py
1or6
Beaver Pond
Birch Stand & Boulders
2,TU?
1/8b,py
Birch & Mixed Forest
1,EP
1,py
2,MA
10g,py
1,MA,py,MG
2,TU
1,PI
1,BX
2,MA
10g
6f or 1,py
Lowland Forest
Cedar & Spruce Swamp
Cedar Swamp
Spruce Swamp
Cedar & Spruce
10g,QY
1,VN
1or6,FT,py
6f
6h,jk
Spruce & Cedar Swamp
Poplars
Mixed Forest
Till Ridge
Till
6f,6h
6f,5c
2,6g
6f/3

0 100 200 300 400 500m

Scale 1:5000

LEGEND

1 Basalt
2 Andesite
3 Rhyolite – Dacite
4 Komatiite

7a Pyroxenite
8a Diorite
8b Gabbro
10a Granite
10g Syenite
10h Aplite
13a Diabase

5c Chert

6a Qtz Arenite
6d Qtz Wacke
6e Feldspathic Wacke
6f Lithic Wacke (Greywacke) V6f Volcanic Wacke
6g Argillite

6hik Monolithic Conglomerate Clast Supported
6hil Monolithic Conglomerate Matrix Supported
6hjk Heterolithic Conglomerate Clast Supported
6hjl Heterolithic Conglomerate Matrix Supported

Mineralization

As Arsenopyrite
Au Gold
BN Bornite
Cp Chalcopyrite
GP Graphite
HM Hematite
MC Malacite
MG Magnetite
Py Pyrite

Alteration Mineral

CB Carbonate (Ankerite)
CL Chlorite
EP Epidotized
FC Fuchsite
FP Feldspar
SI Silica
TC Talc
TL Tourmaline
TM Tremolite
SE,SR Sericite

Texture

BN Intrusive Breccia
BX Flow Breccia
CG Coarse Grained (>5mm)
EQ Equigranular
FG Fine Grained (<1mm)
FL Flow
FO Foliated
FT Fragmental
FX Fault Breccia
MA Massive
MG Medium Grained (1–5mm)
MN Mylonite
PI Pillow
PL Pebble
PO Porphyritic
QC Qtz–Carb "Pebbles"
QP Quartz Pebbles
QY Qtz–Eyes
QZ Qtz Veins
SC Schistose/Schist
SH Sheared
ST Serpentine
SW Stockwork
SX Spinifex
TU Tuff
VA Variolitic

foliation, vertical, inclined
bedding, vertical, inclined
shearing
veins
joints
outcrop
float
POW9504 Cameco 1995 drill hole
old drill holes
topography
edge of clear cut
trenches
Lithologic Boundary
High Strain Zone
Toe of a Slope
claim post
Matachewan Dike
Pyrite Mineralized Zone

2.17055

320

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POWELL PROJECT

Geology Map
Claim 1198142

Compiled By: Alain Faber 96/11/15
Drafted By: Clayton Durbin
Scale: 1:5,000
N.T.S.: Datum:
Disposition(s):

Dwg No.: ECG95037

Map E-1

330

Hawley Creek

L 1+00E

L 5+00E

10+00E

0+00

Narrow Lake

Matachewan

POWELL TWP

CAIRO TWP

Lake

TL 10+00S

6000 96X-6000 96X-6001 96X-6002
6002 96X-5004
6004
6500 149 WP095X-140
96X-6008
6003 96X-6005 96X-6006 96X-6007
6001 96X-6002 6501
96X-6500 96X-6501 96X-6502 96X-6503
6502
96X-6504 6503 6504
6505 96S-6500 96H-6500
6005 6506 96X-6505 6507 96X-6506
6006 96X-6009
6007 96X-6010 6508 96X-6507
6509
150 WP095X-141
6008 96X-6011
6009 6510
6010 96X-6012 6511 96X-6508
6512 96X-6509 96X-6510
6011 96X-6013 6513 96X-6513
6514
6527 96X-6517 6526 6036
6528 96X-6518 6529 96X-6519
6530 6531 96X-6520 6025
6546 6545 96X-6530 6532 96X-6521 6533 96X-6522
6544
6534 96X-6523 96X-6529 96X-6017 6535 6543 6026 6027
6028
6536
6537 6542 96X-6527 96X-6528 6029 6030
6540 6541 96X-6526 96X-6525 96X-6524 6538 6539
6037 96X-6020 6038 6039 96X-6021 6565
6035
6547 6548 6549 96X-6531 6550 6058 6057
6551
6552 6553 6554
6034
6033 96X-6019
6555
6556
6557
6558
6559 96X-6532 96X-6533 6533
6560
6561
6032 96X-6018 6562
6563
6564
6031
6040
6023
6041 96X-6022 96X-6016
6022
6021
6020 96X-6015
6019 96X-6014
6056 96X-6028
6042 96X-6023
6055 96X-6026 96X-6027 96X-6534
6018
6054 96X-6025 6043
6053
6017
6052
6044
6051 6050
6045
6046 96X-6024
6049 6048
6047
6016
6015
6014
6024
6005
6506 96X-6505
6507 96X-6506
6006 96X-6009
6007 96X-6010 6508 96X-6507
6509
6008 96X-6011
6009 6510
6010 96X-6012 6511 96X-6508
6512 96X-6509 96X-6510
6011 96X-6013 6513 96X-6513
6514
6515 96X-6512
6012
6516 96X-6513
6013
6517 96X-6514 6518 6519
151 WP095X-142 WP095X-143
6521 96X-6515 6520
6524 96X-6516 6522 6523 6525

0 100 200 300 400 500m
Scale 1:5000

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

2.17055

LEGEND

- ×94-011 **Grab Samples**
- ×95X-1046 ×95C-1046 **Channel Samples**
- **Outcrop**
- **Roads**
- 1019 **1996 Station Number**

Cameco

POWELL PROJECT

Rock Sample Locations
Claim 1198142

Compiled By: Alain Faber 96/11/15	Dwg. No.: ECG95042
Drafted By: Clayton Durbin	Map E-2
Scale: 1:5,000	
N.T.S.: Datum:	
Disposition(s):	

ARGYLE TWP

BANNOCKBURN TWP

10+00W

BANNOCKBURN TWP

POWELL TWP

HWY 566

1048638

1048639

1048694

1048627

1205689

1048697

1048698

1048702

1048703

1048622

1048708

1048707

1048625

1048626

1048712

1048713

TL 10+00S

1048717

1048718

L-32+00mW L-30+00mW L-28+00mW L-26+00mW L-24+00mW L-23+00mW L-22+00mW L-21+00mW L-20+00mW L-19+00mW L-18+00mW L-17+00mW L-15+00mW

TL-7+00mN
6+00mN
5+00mN
4+00mN
3+00mN
2+00mN
1+00mN
0+00mN
1+00mS
BL-2+00mS
3+00mS
4+00mS
5+00mS
6+00mS
7+00mS
8+00mS
9+00mS
10+00mS
11+00mS
12+00mS
13+00mS
TL-14+00mS

L-32+00mW L-30+00mW L-28+00mW L-26+00mW L-24+00mW L-23+00mW L-22+00mW L-21+00mW L-20+00mW L-19+00mW L-18+00mW L-17+00mW L-15+00mW

10+00W

340

GEOPHYSICAL LEGEND

INDUCED POLARIZATION SURVEY

RESISTIVITY — Low / High

CHARGEABILITY — Possible / Better defined

CHARGEABILITY AXIS (Better defined)

CHARGEABILITY AXIS (Possible)

RESISTIVITY AXIS (Low)

DISCONTINUITY (possible fracture)

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

M.17055

INGENIEUR - CONSEIL
CLERMONT LAVOIE
16824
QUÉBEC

FOR:	CAMECO GOLD CORPORATION
SURVEY:	MAGNETIC TOTAL FIELD Base 58700nT
BY:	GEOLA LTEE
EXECUTED BY: J. Mignault	July 1996
INTERPRETED BY: C. Lavoie Ph..D.	July 1996
DRAWN BY: C. Lavoie	July 1996
APPROVED BY:	
REVISED BY:	
PLAN No: 96-813-	N.T.S. : 41P/15

PROJECT
POWELL PROJECT -- GRID "A"
BANNOCKBURN TWP., ONT.
UTM NAD27

LAT: 48°00' 00" | LONG: 80°49' 00"

SCALE: 1:5000
0 50 100 150 200
Metres

ARGYLE TWP

BANNOCKBURN TWP

10+00W

BANNOCKBURN TWP

POWELL TWP

HWY 566

1048638

1048639

1048694

1048627

1048698

1048703

1048708

1048625

1048707

1048626

1048713

1048717

1048718

L-32+00mW L-30+00mW L-28+00mW L-26+00mW L-24+00mW L-23+00mW L-22+00mW L-21+00mW L-20+00mW L-19+00mW L-18+00mW L-17+00mW L-15+00mW

TL-7+00mN
6+00mN
5+00mN
4+00mN
3+00mN
2+00mN
1+00mN
0+00mN
1+00mS
BL-2+00mS
3+00mS
4+00mS
5+00mS
6+00mS
7+00mS
8+00mS
9+00mS
10+00mS
11+00mS
12+00mS
13+00mS
TL-14+00mS

TL 10+00S

L-32+00mW L-30+00mW L-28+00mW L-26+00mW L-24+00mW L-23+00mW L-22+00mW L-21+00mW L-20+00mW L-19+00mW L-18+00mW L-17+00mW L-15+00mW

10+00W

GEOPHYSICAL LEGEND

INDUCED POLARIZATION SURVEY

RESISTIVITY — Low / High

CHARGEABILITY — Possible / Better defined

CHARGEABILITY AXIS (Better defined)

CHARGEABILITY AXIS (Possible)

RESISTIVITY AXIS (Low)

DISCONTINUITY (possible fracture)

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

2.17055

FOR:	CAMECO GOLD CORPORATION		
SURVEY:	RESISTIVITY ohm/m		
BY:	GEOLA LTEE		
EXECUTED BY:	J. Mignault	July 1996	PROJECT: POWELL PROJECT -- GRID "A" BANNOCKBURN TWP., ONT. UTM NAD27
INTERPRETED BY:	C. Lavoie Ph.D.	July 1996	
DRAWN BY:	C. Lavoie	July 1996	
APPROVED BY:			LAT: 48°00' 00" LONG: 80°49' 00"
REVISED BY:			SCALE: 1:5000 (0 50 100 150 200 Metres)
PLAN No: 96-813-	N.T.S. : 41P/15		

ARGYLE TWP

BANNOCKBURN TWP

10+00W

HWY 566

1048638

1048639

1048694

1048627

1205689

1048697

1048698

1048622

1048623

1048624

1048702

1048703

1048625

1048707

1048708

1048626

1048712

1048713

TL 10+00S

1048717

1048718

BANNOCKBURN TWP

POWELL TWP

L-32+00mW L-30+00mW L-28+00mW L-26+00mW L-24+00mW L-23+00mW L-22+00mW L-21+00mW L-20+00mW L-19+00mW L-18+00mW L-17+00mW L-15+00mW

TL-7+00mN
6+00mN
5+00mN
4+00mN
3+00mN
2+00mN
1+00mN
0+00mN
1+00mS
BL-2+00mS
3+00mS
4+00mS
5+00mS
6+00mS
7+00mS
8+00mS
9+00mS
10+00mS
11+00mS
12+00mS
13+00mS
TL-14+00mS

L-32+00mW L-30+00mW L-28+00mW L-26+00mW L-24+00mW L-23+00mW L-22+00mW L-21+00mW L-20+00mW L-19+00mW L-18+00mW L-17+00mW L-15+00mW

10+00W

GEOPHYSICAL LEGEND

INDUCED POLARIZATION SURVEY

RESISTIVITY — Low

CHARGEABILITY — Possible / Better defined

CHARGEABILITY AXIS (Better defined)

CHARGEABILITY AXIS (Possible)

RESISTIVITY AXIS (Low)

DISCONTINUITY (possible fracture)

RECEIVED
FEB 20 1997
MINING LANDS BRANCH

2.17055

CLERMONT LAVOIE
16824
QUEBEC

FOR: AMECO GOLD CORPORATION

SURVEY: CHARGEABILITY
m/V

BY: GEOLA LTEE

EXECUTED BY: J. Mignault	July 1996	PROJECT: POWELL PROJECT -- GRID "A"
INTERPRETED BY: C. Lavoie Ph.D.	July 1996	BANNOCKBURN TWP., ONT.
DRAWN BY: C. Lavoie	July 1996	UTM NAD27
APPROVED BY:		LAT: 45°00' 00" LONG: 80°49' 00"
REVISED BY:		SCALE: 1:5000
PLAN No: 96-813-	N.T.S. : 41P/15	0 50 100 150 200 Metres