CAMECO CORPORATION

POWELL PROJECT

"Report on the 1995 Field Exploration Program"

Powell, Bannockburn,
Baden and Argyle Townships, Ontario
N.T.S. 41P/15 and 42A/02

(Part 1 of 2)

010

CAMECO CORPORATION

REPORT ON THE 1995 FIELD EXPLORATION PROGRAM

POWELL PROJECT

POWELL, BANNOCKBURN, BADEN AND ARGYLE TOWNSHIPS

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

2.16490

January, 1996

M. Koziol
Project Geologist

A. Faber
Geologist

P. Chubb
Geologist

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 125 claims (232 claim units). One hundred and seven of these are under option from Messrs. Leahy and Kiernicki, both from Kirkland Lake. The remaining 18 claims were staked by Cameco in December, 1994 and April, 1995.

The 1995 exploration program consisted of: (1) 90.6 km of line cutting and chaining; (2) 35.5 km of dipole-dipole IP and resistivity work and 13.8 km of magnetometer surveying; (3) geological mapping, prospecting, and lithogeochemical sampling; (4) bulk till sampling; (5) trenching and channel sampling; and (6) 1407m (7 holes) of diamond drilling. Results of these efforts are disappointing.

Interesting geology (mafic-ultramafic contacts) and favourable structures, including two segments of the Kirkland Lake Break, were identified. However, no strong hydrothermal alteration was found. Quartz and quartz-carbonate vein systems are poorly developed in the areas explored and significant sulphide mineralization is lacking. Anomalous gold (Au >100 ppb) values were rarely obtained. From a total of 531 outcrop and drill core samples analyzed, only nine returned values >100 ppb. The best assay obtained is 2851 ppb from an old trench just off the property.

Because of the interesting geology and the economic significance of the Kirkland Lake Break in other areas, additional grid establishment, mapping and prospecting is recommended along the break to the West. If results are encouraging, then IP surveying and trenching should be contemplated. No further work is recommended in the areas examined in 1995.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF MAPS

APPENDICES

CAMECO CORPORATION

REPORT ON THE 1995 FIELD EXPLORATION PROGRAM

POWELL PROJECT

POWELL, BANNOCKBURN, BADEN AND ARGYLE TOWNSHIPS

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

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 6.7 g/t Au and is scheduled for full production in early 1996 (Wakeford et al., 1994).

This report describes the 1995 field exploration program which was carried out by Cameco Corporation between January 2 and December 23, 1995.

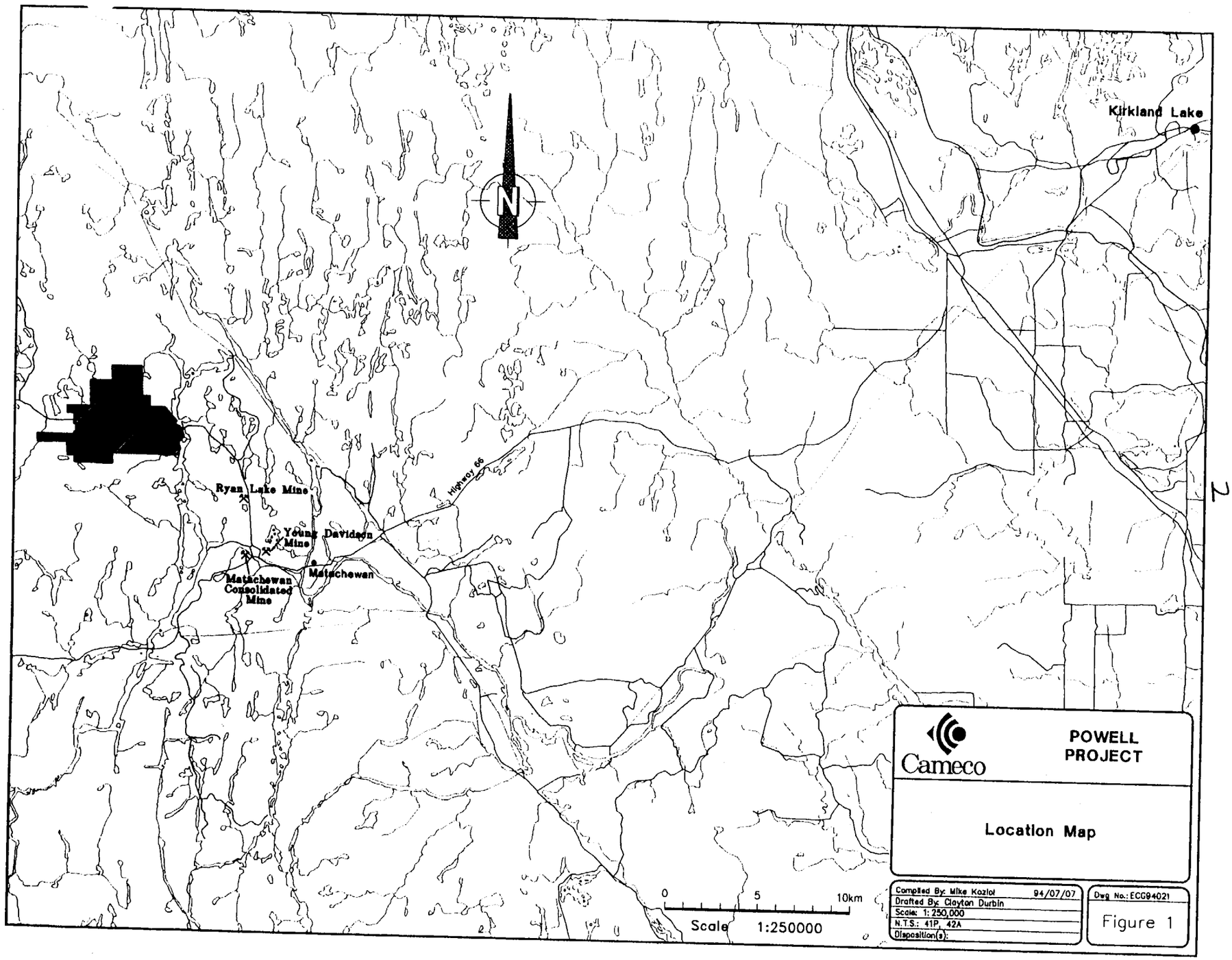
1.1 Property Location, Access and Infrastructure

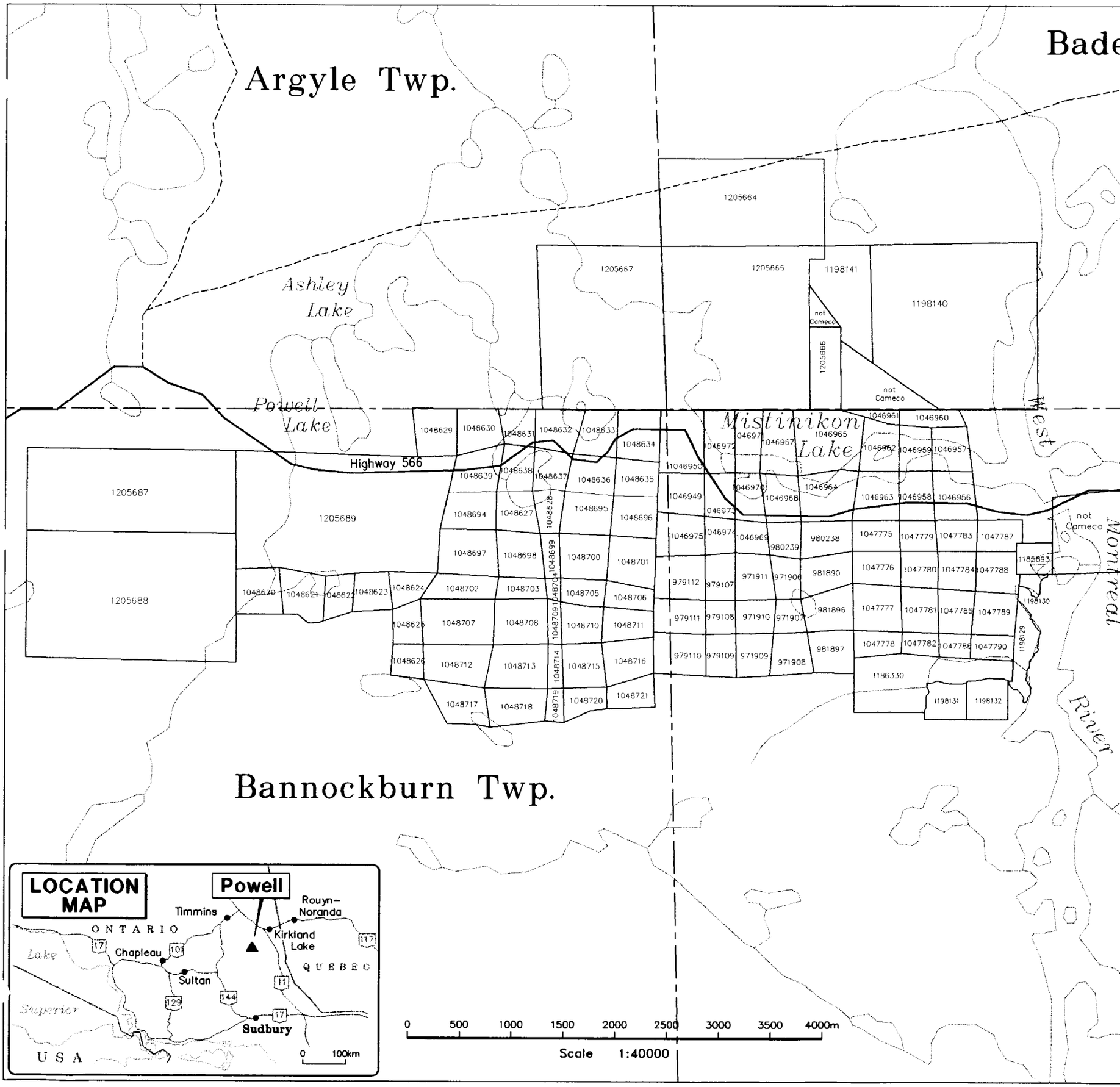
The project is located at the junction of the Powell, Bannockburn, Argyle and Baden Townships, Kirkland Lake Mining Division, Matachewan map sheet 41 P/15 and Radisson Lake map sheet NTS 42-A/2. The approximate coordinates for the centre of the property are Longitude 80° 47" west and Latitude 48° 01" 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 southern portion of the project.

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 125 unpatented mining claims (232 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 18 remaining


Kirkland Lake
N
Ryan Lake Mine
Young Davidson Mine
Matachewan
Matachewan Consolidated Mine
Highway 66
0
5
10km
Scale 1:250000
Cameco
POWELL PROJECT
Location Map
Compiled By: Mike Kozlot 94/07/07
Drafted By: Clayton Durbin
Scale: 1:250,000
N.T.S.: 41P, 42A
Disposition(s):
Dwg No.: ECG94021
Figure 1


Argyle Twp.
Bade
Ashley Lake
Powell Lake
Mistinikon Lake
Highway 566
1205664
1205667
1205665
1198141
1198140
not Cameco
1205666
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
1046971
1046967
1046965
1046972
1046962
1046959
1046957
1046950
1046970
1046968
1046964
1046963
1046958
1046956
1046949
1046973
1046975
1046974
1046969
980239
980238
1047775
1047779
1047783
1047787
1185893
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
1198130
1198129
West Montreal River
Bannockburn Twp.
LOCATION MAP
Powell
Timmins
Rouyn-Noranda
Kirkland Lake
ONTARIO
QUEBEC
Lake
Chapleau
Sultan
Superior
Sudbury
USA
17
101
117
11
129
144
0 100km
0 500 1000 1500 2000 2500 3000 3500 4000m
Scale 1:40000

claims were staked by Cameco in December, 1994 and April, 1995. The claims on which exploration work was completed are listed in Table 1.

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

971906	981897	1046970	1048636
971907	1046949	1046971	1048695
971908	1046950	1046972	1048696
971909	1046956	1046973	1048700
971910	1046957	1046974	1048701
971911	1046958	1046975	1048705
979107	1046959	1047775	1048706
979108	1046960	1047776	1048711
979109	1046961	1047777	1048716
979110	1046962	1047778	1186330
979111	1046963	1047780	1205665
979112	1046964	1047783	1205666
980238	1046965	1047784	1205667
980239	1046967	1048633	
981890	1046968	1048634	
981896	1046969	1048635	

1.3 Previous Work

The area was last 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.

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 including geological mapping in the southeast corner of the property (Chubb et al., 1995) and 18.8 km IP and resistivity surveys (Matthews, 1995). Initial bulk till sampling consisted of 49 bulk samples and was carried out in the fall, 1994.

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 1995

Work completed by Cameco in 1995 is summarized in Table 2. Approximately 60% of the project area was mapped in 1995.

Table 2. Summary of Work completed in 1995

Number of Claims (unit)	Line cutting (km)	Map and Prospect (km)	Samples collected (unit)		Geophysics (km)		Trenching (Number of Trenches)	Diamond Drilling	
			Grab, Whole Rock, channel	Till	MAG Survey (km)	IP Survey (km)		Number of Holes	(m)
61	90.58	90.58	297	54	13.8	36.5	3	7	1407

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 believed to be an extension of the Kirkland Lake Break (Powell, 1991). 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).

Property Geology

The geology of the Powell property can be divided into seven main groups or units (see Map 1) and includes, from south to north, a basal sequence of meta-sediments at the southern boundary, overlain by a mafic/ultramafic volcanic sequence with interlayers of argillite to the north. The ultramafics are overlain by pillowed and massive tholeiitic basalt and andesite and associated fragmental rocks. The flows and fragmentals are capped by a sequence of clastic and calcareous sediments. These sediments are overlain by a thick section of intermediate fragmentals, flows and breccias belonging to the calc-alkalic suite. The calc-alkalic suite covers more than 60% of the area mapped.

To the west of line 15E, the metasediments and the rocks forming the ultramafic sequence are intruded by a syenite stock. The north contact of the syenite is rimmed by silicious and carbonate rich sediments.

2.2.1 Metasedimentary Rocks

This lowermost unit (map unit 6), located at the very south edge of the property in the east corner of the grid is well exposed in trenches on lines 26E and 27E. The unit is made up of fine grained greywacke interfingered with medium grey and buff coloured siltstone and argillite. The clastic sediments occur in beds several centimetres thick and form sections that are several metres thick.

The argillite is a massive, very fine grained, very hard rock (possibly chert or ultramylonite ?), which forms layers that are usually less than 0.5 metres thick. The argillite displays sharp contacts and is heavily gossaned on the weathered surface. Pyrite forms 1% to 2% of this rock and occurs as crystals up to 0.5 cm in size. The massive nature of each argillite layer suggests a single period of chemical sediment deposition between periods of volcanism.

2.2.2 Ultramafic Sequence

Rocks grouped into the ultramafic sequence include narrow komatiite and tholeiite flows, peridotite, and a variety of interflow sediments (map units 1, 4, and 6). These occur in the southeast corner of the grid and extend from L14E to L32E, between 10S and 12S. The sequence is approximately 200m thick. Trenching by Kiernicki (1992) and Cameco (Appendix G) exposed the ultramafic sequence across its entire width on both lines 26E and 27E.

The komatiite flows are narrow, rarely exceeding 1.0m, and display either polysutured textures or spinifex textures with individual blades up to 5cm in length or . The flows display variable talc, chlorite, sericite and iron-carbonate alteration.

The ultramafic flows are interfingered with tholeiite flows up to several metres thick. The tholeiite flows are green, massive and fine grained. There are a few narrow sections within the flows which exhibit variolitic textures. Locally, they are chlorite and carbonate altered.

Peridotite (dykes? or flows?) are dark metallic grey in colour and magnetic. They are strongly talcose and carbonate-epidote veined. The peridotite occurs parallel to the foliation as units one to three metres thick.

The interflow sediments include sections of conglomerate, fine greywacke and siltstone interbedded with chert, chert autobreccia and graphitic argillite. The conglomerate beds are composed of ultramafic pebbles and cobbles (occasionally quartz pebbles) in a mafic matrix which is chloritized, talcose and quartz-carbonated altered. Argillite and graphitic argillite beds are associated with some of the chert and autobreccia units but they rarely exceed 20cm. One exception noticed is in the trench on line 26E, where the argillite unit is 1.5m thick.

Locally, white and grey quartz and grey carbonate veining is abundant in the sedimentary sections, averaging 5% but forming up to 70% over narrow widths. Minor amounts of fuchsite are associated with the altered sediments, occurring mainly along the

boundaries of grey quartz and quartz-carbonate veins. Only minor amounts of pyrite are associated with the veins and sediments.

A major east-west shear structure (Kirkland Lake Break) passes through the ultramafic sequence.

2.2.3 Tholeiite Suite

The rock grouped into the tholeiitic suite are predominantly pillowed and massive basalt flows (map unit 1) and narrow units of interflow sediments. The section is more than a kilometre thick at the east end of the grid and only 500m thick at the west.

The pillowed flows are up to 50m thick, pale green-grey to light green, and locally rusty due to weathering of carbonate. Individual pillows are well developed and deformation is weak to moderate: stronger near mapped shears. The size of the pillows within individual flows appears to increase towards the north. The distribution and shapes of vesicules and amygdules indicate stratigraphic tops of pillows are to the north.. Amygdules are usually infilled with feldspar/clay material except in areas proximal to the carbonate shear zone where they are filled with calcite. Alteration of the flows is limited to chlorite and carbonate (calcite and iron carbonate).

The massive basalt is characterized by its lack of obvious structure. The individual flows are tens of metres thick, fine to medium grained, and greyish apple green in colour. Locally, hairline fractures are coated with specular hematite. Sulphide mineralization is limited to trace amounts of disseminated pyrite, which is heterogeneously distributed throughout the flows.

Individual flows are separated by fine grained calcareous and clastic sediments and argillite. The argillite is usually graphitic and contains up to 15% nodular and coarse crystalline pyrite. Weathering produces strong gossan zones due to carbonate and sulphides content. The interflow units vary in width from only a few metres to several tens of metres. Shearing is present in some of these sediments. The frequency of occurrence and thickness of individual sedimentary units increases to the north, moving towards the stratigraphic top of this suite of rocks.

2.2.4 Clastic and Calcareous Meta Sediments

This unit consists of a variety of sedimentary rocks (map unit 6), including quartz greywacke, lithic and volcanic greywacke, quartz arenite, fine sandstone, and siltstone. Narrow beds of grit and conglomerate occur interbedded with the other sediments. These

rocks are bedded and occur in sections which become finer towards the north. Narrow argillite beds occurs near the top of each of these sections.

The argillite beds are generally <1m thick and contain variable amounts of graphite, from 2% to 5%, and locally up to 10%. The finer grained rocks are variably sheared and strong sericite, chlorite, biotite and carbonate alteration is associated with the shearing. However, sulphide mineralization is present in only minor amounts.

The greywacke beds are light grey colour and fine to medium grained. Individual beds range in thickness from a few centimetres to several metres. The quartz arenite, siltstone and sandstone vary in colour from yellowish cream colour to a light grey and also occur in beds which are several centimetres thick, but form units up to tens of metres in thickness. Graded bedding was observed in several outcrops indicating stratigraphic tops are to the north.

Some of the siltstone beds are white in colour probably because they are derived from a sericite altered source. Occasionally the coarser greywacke beds contain fine, fuchsite altered fragments possibly derived from the ultramafic rocks.

The grit beds are made up of well sorted, coarse, angular sand grains. These occur near the base of the finer grained units. Conglomerate is made up of mainly sedimentary clasts (siltstone, greywacke and argillite), quartz pebbles and a few intermediate volcanics. Conglomerate beds are not extensive on the property.

2.2.5 Calc-Alkalic Suite

The Calc alkalic suite consists of fragmental textured rocks higher up in the section and massive and pillowed lavas towards the base (map unit 2). The fragmentals are feldspar pheric and feldspar grains make up from 10% to 30%. The size of the fragments varies from a medium grained tuff to breccia sized blocks set in a crystal tuff matrix. Several outcrops contain minor mounts of fine fuchsite clots in the tuff beds and in the matrix to the coarse fragmentals.

The massive flows are andesitic in composition and feldspar pheric. Feldspar crystals make up to 10% of the volume. Pillowed flows are also andesitic and feldspar pheric (with 10% feldspar). Pillows are round, approximately 1m (or greater) in diameter and contain 5% to 15% vesicules and quartz-filled amygdules.

Kresz (1993) reported carbonate alteration in the Argyle and Baden Townships. During this program, calcite veining was found in

several of the fragmental andesite outcrops. However, no strong iron carbonate alteration was observed. Only minor amounts of pyrite were found.

A old trench, located off the northwest corner of the grid exposed a one to two metre wide syenite dyke. The dyke is cut by 1mm to 2mm wide quartz veinlets and these veinlets are mineralized with minor amounts of fine grained, crystalline pyrite.

2.2.6 Silicious and Carbonate Rich Sediments

The rocks within this unit are light grey with a pink tinge and locally orange in colour (map units 1, 5 and 6). They are bedded and some are finely banded and very silicious (possibly chert). Section are strongly carbonatized, however these contain only minor sulphide mineralization. The sediments closer to the syenite have a glassy, baked appearance and may be a hornfels. Pyrite is scattered throughout the finely banded rocks and some of the hornfels, forming 1% to 5% in certain beds.

The carbonate and hornfels rocks are anomalous in gold and are host to the "Main Showing" (located near line 6E). Minor amounts of pyrite occur at this showing, and when associated with carbonate and sericite alteration, the gold content is elevated (usually >100 ppb). The best assay obtained to date is 22.6 g/t Au from a grab sample.

The zone of strong carbonate alteration has been trenched for over 1km along strike and also diamond drilled. Results from the trenching and drilling indicate the gold occurs in low concentrations and is erratically distributed.

2.2.7 Intrusive Rocks

A pink to reddish coloured syenite (map unit 10g) stock occurs near the south-cental portion of the grid. Only the northern part of the syenite falls in the grid and in this area it is coarse to medium grained. Locally, its composition varies from a hornblende to biotite rich variety, and several outcrops are dioritic (unit 8a). Further away from the stock the syenite is present as narrow dykes within the volcanic and sedimentary rocks.

To the west of line 3W, the syenite occurs within a structurally complex area and it has a red colour, similar to the syenite at the Young Davidson Gold Mine near Matachewan. Most of the rock is hairline fractured and chlorite occurs along the fractures. The syenite also contains 1% to 2% specular hematite and magnetite associated with some fractures.

Several narrow gabbro (8b) dykes intrude the tholeiitic suite. Usually these are medium to fine grained and up to several metres thick. Some are strongly magnetic due to the presence of 1% to 3% magnetite crystals (up to 2mm in size).

A black pyroxenite (?) occurs in the northwest corner of the grid. It is massive and strongly magnetitic (possibly a skarn ?). A few fine grained, dark grey coloured diabase dykes (unit 13) intrude the tholeiitic rocks. These dykes rarely exceed two metres in width. These may be a finer equivalent of the gabbro described above.

2.3 Structural Geology

The major lithologic units trend east-west; however foliation directions within the individual units vary greatly, suggesting that folding has taken place. The dominant structural features on the property are two major fault zones which trend approximately east-west(see Map 1). One of these faults passes near the contact of the ultramafic sequence and the metasediments, in the southeast corner of the grid. The other is located between 100N and 200N, within the norther metasedimentary unit and near the contact between the top of the tholeiite and base of the calc-alkalic suites. These fault zones are characterized by shearing and contain distinctive schistose sedimentary and ultramafic and mafic detritus. Alteration within these zones is pronounced and includes carbonate, sericite, chlorite, talc, and minor amounts of fuchsite. These shear zones are believed to be related to the Kirkland Lake Break (Jensen, L., 1995).

Other high strain zones have been mapped (see Map 1) within the tholeiite suite. One of these strikes in an east-northeast direction and at its western extremity, merges with the southern fault described above. This is the area of the "Main" gold showing.

Several narrow shear zones occur within the sediments in the tholeiite suite. These are often carbonate bearing and characterized by heavy gossan on the weathered surfaces and variable chlorite, quartz and iron carbonate content. Sulphides however, are limited to trace amounts, with local enrichment in disseminated pyrite (up to 2% volume).

3.0 GEOCHEMISTRY

Geochemical programs, including outcrop (grab and channel), drill core, whole rock, and till sampling were completed simultaneously with the 1995 mapping and drilling programs. A total of 266 rock

samples (drill core and outcrop) were analyzed for gold and trace elements using ICP multi-element scan methods. Thirty one samples were analyzed for major oxide whole rock analysis and 54 bulk tills were collected.

The dominant sulphide mineralization consists of minor amounts of finely disseminated pyrite within the mafic and ultramafic rocks. Coarse pyrite (<2% volume), with individual crystals up to 0.5cm occurs within the argillite units. Pyrite also occurs as blebby to scaly plating on fracture surfaces and finely disseminated within some of the calcareous interflow sedimentary units. Overall, however, sulphide mineralization is scarce.

3.1 Rock (Outcrop) Geochemistry

During the course of geological mapping and prospecting, 249 grab samples of sulphide mineralized or sheared rocks were collected (see Map 2). Of these, six returned gold values >100 ppb and two were greater than 1000 ppb (see Appendix A). Sample POW95X-220 (1186 ppb) is a selected sample of quartz carbonate veins from west of the grid, on the Galer Showing. The Galer Showing was found at the end of the 1920's or beginning of 1930's and prospected by Johns-Manville Canada Inc. between 1981 to 1984. The showing consists of several quartz carbonate veins, 1.0 to 2.0m wide, that contain traces of pyrite. The veins are within fractures in basalt flows.

Sample POW95X-1083 (2851 ppb) was collected from an old trench off the northwest corner of the grid, in claim 1205667. The trench is a syenite dyke, approximately 2m wide, which is cut by several pyrite bearing, 1mm to 2mm quartz veinlets.

The ICP multi-element scan results do not show any significant trace metal anomalies such as copper, zinc, nickel, cobalt, or silver in the high gold-bearing samples.

3.2 Channel Sampling

Continuous channel sampling using a STIHL model TS350 diamond blade saw was completed over sections of Trench 3 (see Map 1 and Appendix G). Seventeen samples were cut and analyzed for gold at Swastika Laboratories in Kirkland Lake and for 30 other elements using ICAP Plasma Scan at TSL/Assayers Laboratories in Mississauga, Ontario. The results for gold and trace elements are disappointing. The best gold assay obtained is 12 ppb/1.0m.

3.3 Diamond Drill Cores

A total of 265 drill core samples was collected from the seven diamond drill holes. All samples were analyzed for gold by Fire Assay/AA and 229 samples were also analyzed for 34 other elements using ICP multi-element scan at Bondar Clegg Inchcape Testing Services Laboratory (Chimitec Ltee) in Val d'Or, Quebec. Elevated gold (>100 ppb) is present in only three samples. Two samples in hole POW9503 assay 1242 ppb and 456 ppb and one sample from hole POW9507 returned 174 ppb Au.

Arsenic values are elevated in conglomerate and graphitic argillite between 77.0m and 90.5m in hole POW9501. Spot highs attain values up to 2885 ppm arsenic. No obvious anomalies in other metals such as silver, copper, zinc, lead, nickel or cobalt were obtained. The analytical results obtained for each of the holes are included as Appendix B and further discussed in Section 6.1.

3.5 Whole Rock Geochemistry

A total of 31 samples from the tholeiite suite were analyzed for total oxides by TSL/Assayers Laboratories for I.C.A.P. Total Oxide Analysis, using Lithium Meta-Borate Fusion (see Appendix C). A plot of the results on a Jensen Plot places most of these in the iron tholeiite field (see Figure 3). The analytical data is included as Appendix C.

3.6 Till Geochemistry

Thin discontinuous till deposits cover portions of the outcrop ridges. A bulk till sampling program, consisting of 54 samples, was carried out in June and July, 1995. The purpose of till sampling and analyses was to gain some insight into the gold bearing potential of linear IP anomalies and to follow up interesting results obtained in 1994 (see Appendix F).

Several anomalous samples (>49 grains of gold) were collected and they form a series of spot highs within a disrupted, south-southeast trending train. The source of the till train is believed to be off property.

Several of the gold anomalous till samples were studied in detail, including pebble counts and SEM analyses of gold grains. It was concluded that most of the gold is from a distal source except for one sample (POW9401). The gold in POW9401 is believed to be from a source at or near an ultramafic-clastic sediment contact, approximately 100m to 200m up ice from the sample.

Koziol et al., (1995) present a more detailed discussion of the till sampling program and results obrained.

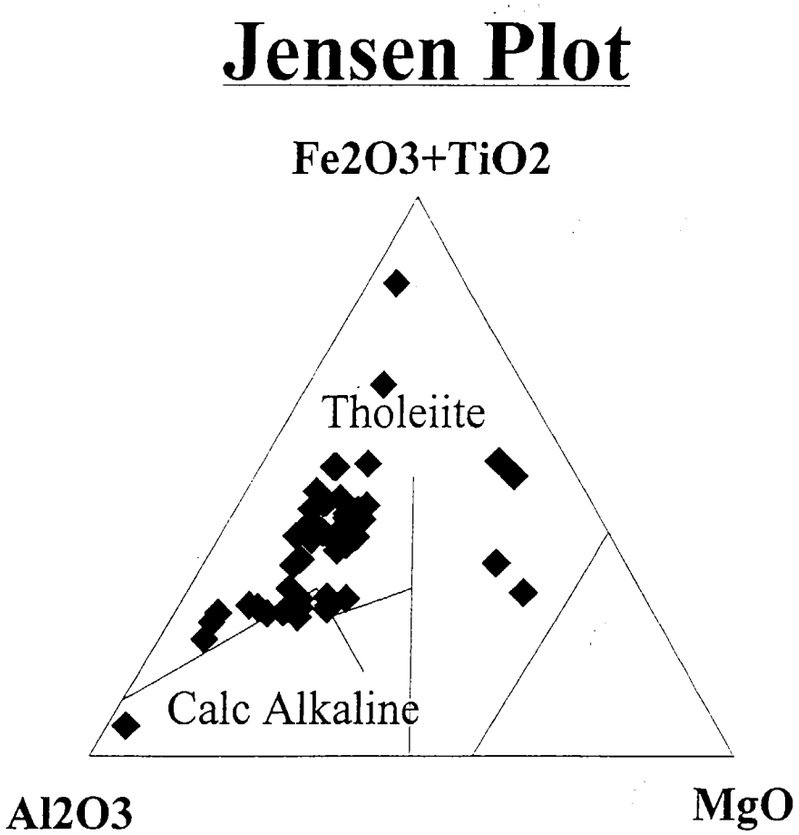


Figure 3. Jensen Plot for Whole Rock Data

4.0 GEOPHYSICS

A geophysical program including 36.5 km of dipole-dipole array IP-resistivity and 13.8 km of ground magnetometer surveying was completed in March, 1995, by SAGAX Geophysics of Val d'Or, Quebec. The current work was merged and compiled with work completed by Cameco in 1994 and by Newmont exploration in 1988 to produce a detailed interpretation report (Matthews, 1995).

A complex pattern of IP trends is shown on the compilation map (Map E-3). Both direct and flanking associations with linear magnetic trends are observed, as well as strong structural control on the IP trends. The IP results are dominated by the strong response along the southern edge of the property. Of more interest are the weaker trends flanking this region to the north and east, particularly where they are associated with cross-cutting structural breaks.

The stronger IP anomalies are related to bedrock sources and are recommended for further prospecting and subsequent diamond drilling. A detailed interpretation of the geophysics is presented by Matthews, (1995).

5.0 TRENCHING

Three areas were trenched in the spring of 1995 (see Map 1 and Appendix G). The first trench was excavated to locate a possible source of gold (152 grains) in a till sample collected in 1994 (see Section 3.5 and Appendix F). The trenching uncovered sections of moderately sheared mafic flows and intermediate volcanic rocks. The best gold value for selective grab sampling was 5 ppb. The possible source of the gold was not found in the trench.

The second trench was excavated on line 27E to expose the Kirkland Lake Break. The trench uncovered a talc-chlorite schist, (segment of the Kirkland Lake Break) as well as the contact with the metasediments to the south. Detailed mapping was completed and selective samples were collected and sent for assay. The best assay is 10 ppb Au and is associated with ultramafic/mafic sediments close to the contact with the siltstone to the south of the trench (see Appendix G).

The third trench is on line 20E. A 10m wide carbonate zone occurring between pillowed flows was exposed. Mapping and sampling (grab and channel) programs were completed and the best gold values obtained include 17 ppb Au in a grab sample and 12 ppb Au/1m in a channel sample (see Appendix G).

6.0 DIAMOND DRILLING

A diamond drilling program consisting of 1407m in seven holes was carried out between November 2 and December 5, 1995. The program was completed by Heath and Sherwood Drilling of Kirkland Lake, Ontario. The 1995 diamond drill hole specifications and targets are shown in Table 3.

TABLE 3. 1995 Diamond Drill Hole Specifications and Targets

POW9501	L26E, 8+05S, -50°, 180° end 321.3m	Test IP anomalies near contact of mafic and ultramafic flows and between ultramafic flows and ultramafic derived sediments.
POW9502	L22E, 8+25S, -50°, 180° end at 160.3m	Test IP anomalies near mafic-ultramafic contact.
POW9503	L22E, 9+50S, -50°, 180° end at 193.3m	Test ultramafic-sediment contact.
POW9504	L25E, 1+50S, -50°, 180° end at 139.0m	Test IP anomaly associated with an east-northeast trending deformation zone.
POW9505	L4W, 0+50N, -50° 180° end at 267.0m	Test three IP anomalies near contact of tholeiitic basalt and calcareous sediments.
POW9506	L4W, 7+50S, -50°, 180° end at 148.1m	Test strong IP anomaly within syenite; area is structurally complex; syenite is red, similar to the syenite at the Young Davidson Mine.
POW9507	L16E, 2+75N, -50°, 180° end at 178.6m	Test IP anomaly within sediments at the contact between the Larder Lake and Blake River Groups. Also test the north segment of the Kirkland Lake Break.

6.1 Diamond Drill Hole Descriptions

Hole POW9501 was drilled to test IP anomalies near the contact of mafic and ultramafic flows and IP responses associated with sediments between individual ultramafic flows. The hole was continued to undercut a zone of strong quartz-carbonate-fuchsite alteration observed in the surface trench and to cross a southern splay of the Kirkland Lake Break. The southern contact between the ultramafic sequence rocks and the clastic sediments to the south

was also tested.

The upper 3.3m of the hole is in overburden. Pillowed and brecciated basalt was intersected from 3.3m to 62.1m. The basalt flows are underlain by sediments, including a highly foliated conglomerate and graphitic argillite. This sedimentary sequence is host to a brittle/ductile fault zone between 77.0m and 90.5m. Pyrite occurs in coarse crystals and as nodules within the argillite sections. These sediments are in fault contact with the rocks grouped into the ultramafic sequence.

Two sequences made up of ultramafic flows (komatiites), massive tholeiite flows and ultramafic-derived sediments occur between 90.5m to 155.9m and 206.0m to 269.9m. The Komatiites display variable talc, chlorite, sericite and iron-carbonate alteration.

The interflow sediments include sections of conglomerate made up of ultramafic pebbles and cobbles set in a mafic (ultramafic) matrix. The matrix is chloritized, talcose and quartz-carbonated altered. Minor amounts of fuchsite are associated with the altered sediments and occurs mainly along the boundaries of grey quartz and quartz-carbonate veins. Only minor amounts of pyrite are associated with the veins and sediments.

A package made up of fine greywacke, siltstone, chert, chert autobreccia and graphitic argillite separates the two ultramafic sequences. This package occurs from 155.9m and 206.0m and is expressed on surface only as a 0.3m graphitic argillite band. A polymictic conglomerate, approximately 10m thick, occurs at the base of this section. The conglomerate is pebble supported and the pebbles appear to coarsen towards the bottom, including one boulder that is approximately 15cm across.

The lower ultramafic sequence is similar to the ultramafic sequence above, however the sediment content makes up to 70% of the volume of this interval and the intensity of quartz and grey carbonate veining is greater. The quartz and grey carbonate veins make up 10% of the rock volume in this section. The strong quartz-carbonate-fuchsite altered rocks seen in the trench on surface are less altered in the hole. Only trace amounts of sulphides are present within these rocks.

The section from 269.9m to 310.1 is made up mainly of sediments, including graphitic argillite and sediments derived from an ultramafic source. A segment of the Kirkland Fault occurs within these sediments and is represented by a talc-chlorite schist from 272.4m to 295.9. However, no significant hydrothermal alteration, quartz veining or sulphide mineralization is associated with this section of the fault.

The above sediments are underlain (from 310.1m to 321.3m) by fine grained bedded greywacke and siltstone. These rocks contain minor amounts of fine, disseminated pyrite. There is no significant alteration or quartz and quartz-carbonate veining associated with these rocks. The hole ends at 321.3m.

Eighty nine samples were analyzed for gold by fire assay and for trace metals using ICP methods. The best gold assay returned 53 ppb/0.5m. The ICP detected several samples which contain greater than 100 ppm arsenic, including one sample which reported 2885 ppm arsenic. No significant anomalies are seen in the other elements.

Holes POW9502 and POW9503 were drilled to test the same stratigraphy and similar geophysical targets as hole POW9501. Both holes intersected similar lithologies, alteration and mineralization as the first hole, with some differences near the bottom of POW9503. A clastic sequence made up of fine greywacke with narrow sections of small pebble conglomerate occurs below the ultramafic rocks, from 137.1m to 174.4m, in POW9503. Within this clastic sequence, two intervals (from 164.0m to 165.5m, and 171.2m to 172.2m) each contain 1% pyrite. These also contain elevated gold, 1242 ppb/1.5m and for the interval from 164.0m to 165.5m. The lower interval (from 171.2m to 172.2m) contains 456 ppb Au/1.0m. A best gold assay of 73 ppb was obtained from the other 85 samples collected from POW9502 and POW9503. Samples POW9503-14 and 15 are elevated in silver, 5.3 ppm and 17.4 ppm respectively. These are from altered ultramafic flows.

POW9502 ends in the ultramafic sequence at 160.3m and POW9503 ends at 193.9m in syenite.

Hole POW9504 was drilled to test an IP anomaly believed to be along an east-northeast trending deformation zone (see Map 1). The drill hole intersected basalt flows displaying pillowed and amygduloidal textures. Locally the basalt are fractured, brecciated and display a high degree of strain. Alteration is weak and sulphide mineralization is limited to minor amounts of disseminated pyrite randomly distributed throughout the basalt. The IP anomaly was intersected from 53.6m to 65.7m and is related to graphite and nodular pyrite in an interflow sedimentary sequence made up of argillite, fine greywacke and conglomerate. No strong hydrothermal alteration and quartz and quartz-carbonate veining occur in this section. The hole ends in basalt flows at 139.0m.

Twenty five samples from this hole were analyzed for gold only. The best assay returned 26 ppb Au.

Hole POW9505 was drilled to test three IP anomalies interpreted to lie near the contact of tholeiitic flows and calcareous sediments. In the upper 140.4m, the drill hole intersected mainly sedimentary

rocks made up of sandstone, greywacke, calcareous and silicious siltstone and argillite (locally graphitic). The first two IP anomalies were intersected from 44.7m to 52.0m and from 132.5m to 136.9m. Both are due to graphite and nodular pyrite in the argillite beds. Massive and pillowed basalt flows occur between 140.3m and 267.0m. The third IP anomaly occurs between 178.0m and 197.5m and is due to fine disseminated magnetite crystals. Crystalline magnetite forms 3% to 5% of the volume of this interval. The hole ends in basalt at 267.0m.

Eleven samples were analyzed from this hole for gold only. The best assay returned 9 ppb Au.

Hole POW9506 was drilled to test a strong IP anomaly within syenite. This area is structurally complex and some of the syenite in nearby outcrops displays a red colour, similar to the syenite at the Young Davidson Gold Mine near Matachewan. The hole intersected a fractured, reddish-orange, chloritized syenite reminiscent of syenites within zones of brittle deformation. Several sections throughout the hole contain 1% to 2% specular hematite and magnetite. However, no one area can be isolated as the probable cause of the IP anomaly. It is possible that the IP is responding to the combined effect of these narrower zones. The hole ends in syenite at 148.1m.

Twenty two samples were analyzed for gold and trace metals. The best assay returned 11 ppb Au and no significant other metals.

Hole POW9507 was drilled to test an IP anomaly within sedimentary rocks, near the base of the calc alkalic suite. The hole also tested the main segment of the Kirkland Lake Break. To 27.7m, the drill hole intersected a package of sedimentary rocks which includes fine and medium grained greywacke, sericite and carbonate altered siltstone and graphitic argillite (similar to the sediments in the upper portion of hole POW9505). The argillite occurs from 26.7m to 27.7m and marks the contact between the underlying mafic flows and the sediments. The graphite and minor pyrite are the source of the IP anomaly. The remainder of the hole is in mafic flows. The hole ends in basalt at 178.6m.

Thirty one samples were analyzed for gold and other elements. The best gold assay of 174 ppb was obtained from highly sericitized and carbonatized sediments near the top of the hole. The other elements do not show significant enrichment.

7.0 CONCLUSIONS

The 1995 exploration program included: (1) 90.58 km of line cutting and chaining; (2) 35.5 km of dipole-dipole IP and resistivity work

and 13.8 km of magnetometer surveying; (3) geological mapping, prospecting, and lithogeochemical sampling; (4) bulk till sampling; (5) trenching and channel sampling; and (6) diamond drilling.

The results of the 1995 geophysical work were merged and compiled with the data from Cameco's 1994 and Newmont Exploration 1988. A number of strong to moderate IP linear trends were identified. Several of these are related to bedrock sources.

Geological mapping and prospecting was carried out in June, July and August, 1995 on the grid which was cut during the January and February, 1995. The geology at the southern portion of the property includes a sequence containing ultramafic flows interfingered with mafic flows and detrital sediments. A segment of the Kirkland Lake Break passes at the base of this sequence near the contact with clastic sediments to the south. A second east-west striking fault zone (another segment of the Kirkland Lake Break) passes near the centre of the property, within a unit of clastic metasedimentary rocks between the tholeiite and calc-alkalic suites of rocks. Hydrothermal alteration including carbonate, sericite, chlorite and talc is evident within these fault zones. Sulphide mineralization, however, is rare and no areas of strong quartz veining were not found.

A total of 266 sample were collected from outcrops and analyzed for gold using Fire Assay/AA and multi-elements using ICP methods. The results were disappointing. Higher assays, up to 2851 ppb, are from known showings. No new showings were found.

A bulk till program was initiated in 1994 and continued in 1995. Fifty four sample were collected in 1995 (a total of 103 for the 1994-95 program). The results indicate a large gold till train originates in the northwest corner, off the property. One of the samples collected in 1994 points to possible gold mineralization at or near the sedimentary-ultramafic contact in the southeast portion of the grid.

Three trenches were excavated in May using a John Deere 690 backhoe. These were mapped and Trench 3 was channel sampled using a portable diamond blade saw. The trenches exposed shear zones and strong carbonate, talc, chlorite alteration but no significant sulphide mineralization or quartz veining. Seventeen channel samples were collected from Trench 3. The best assay from these is 12 ppb Au/1.0m.

A diamond drilling program consisting of 1407m of drilling in seven holes was carried out in November and first part of December, 1995. Holes POW9501 to POW9505, and POW9507 tested a variety of geological targets. The targets included the western extension of the Kirkland Lake Break; tholeiitic basalt-ultramafic flow

contacts; contacts between tholeiitic flows and interflow sediments; and IP anomalies within sediments which separate the tholeiite suite and the calc alkalic volcanics. Each of the geological targets has an IP anomaly associated with it. An IP anomaly within syenite was tested with hole POW9506.

Favourable geology was intersected but alteration is limited to weak sericitization and carbonate enrichment. The IP anomalies are mainly graphite with some pyrite. Disseminated magnetite is interpreted to be the cause of one of the IP responses in hole POW9505. The cause of the IP anomaly in the syenite (POW9506) is believed to be specular hematite.

The assay results from all the holes are low, generally at or below detection limits, except for two sample from hole POW9503. These samples returned 1.2 g/t/1.5m Au and 450 ppb/1.0m Au respectively. The higher gold values are contained in coarse greywacke with 1% disseminated pyrite. The greywacke lies approximately 20m south of the Kirkland Lake Break.

8.0 RECOMMENDATIONS

Exploration work to the west of the current grid is recommended. The work, including grid establishment, mapping and prospecting should focus on the Kirkland Lake Break and surrounding area.

9.0 REFERENCES

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

Jensen, L.S., 1995: Project Unit 95-12, Geology of Montrose, Bannockburn, and Powell Townships, District of Timiskaming: in Summary of Field Work and Other Activities; OGS misc. paper 164, pp 37-39

Kiernicki, F., 1992: OPAP 1992 Exploration Program, 102 Group, Powell Township, Larder Lake Mining District, NTS 41 P/15, OPAP 92-325, OPG 92-173; Kirkland Lake assessment file

Koziol, M., Faber, A., Chubb, P.: Cameco Corporation, Report on the 1994-95 Bulk Till Sampling Program, Powell Project, Powell, Bannockburn, Baden and Argyle Townships, NTS 41P/15 and 42A/02. Kirkland Lake assessment report

Kresz, D.U., 1993: Geology of Argyle and Baden Townships; O.G.S. Open File Report 5874, 114p.

Leahy, M., 1992: Report on Geological Mapping, Stripping, Sampling, Blasting and Prospecting Program; 102 Group, Powell and Bannockburn Townships, Larder Lake Mining Division, Ontario, Kirkland Lake assessment file report

Lovell, H.L., 1967: Geology of the Matachewan Area, O.D.M. Geol. Report 51

Matthews, R., 1995: Powell Project, Ontario, Geophysical Programs, November, 1994, March, 1995; assessment report.

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; O.G.S., Open File Report 5789, 150p

Smith, J.P, Spooner, E.T.C., Broughton, D.W. and Ploeger, F.R., 1993: Archean Au-Ag(W) Quartz Vein/Disseminated Mineralization Within the Larder Lake-Cadillac Break, Kerr-Addison-Chesterville System, North East Ontario, Canada; Ont. Geoscience Research Grant Program, Grant No. 364; O.G.S. Open File Report 5831, 310p

Wakeford, J., Jeffrey, B. and Pattison, J. (editors), 1994: Field Trip 4, Northeast Ontario, Kidd Creek, Placer Dome Super Pit, and Holloway Project; The Fourth Annual CIM Geological Field Conference, Sept. 19-21, 1994, Sudbury, Ontario.

Wood, P.C., 1989: Newmont Exploration of Canada Ltd., Report on the 1989 Diamond Drilling Program on the Powell Project, Bannockburn and Powell Townships; Kirkland Lake assessment file report

2.16490

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

Geochemical Analysis Certificate

5W-2534-RG1

Company: **CAMECO CORPORATION** Date: JUN-07-95

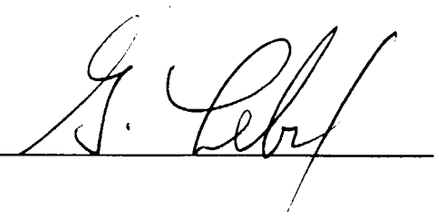
Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 14 Rock samples submitted JUN-06-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Elment
POW 95X1001	5	-	Results
POW 95X1002	3	3	to
POW 95X1003	Nil	-	follow
POW 95X1004	Nil	2	
POW 95X1005	Nil	-	
POW 95X1006	Nil	-	
POW 95X1007	3	-	
POW 95X1008	31	26	
POW 95X1009	2	-	
POW 95X1010	10	14	
POW 95X1011	2	-	
POW 95X1012	Nil	-	
POW 95X1013	Nil	-	
POW 95X1014	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.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

5W-2605-RG1

Company: **CAMECO CORPORATION** Date: JUN-16-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 38 Rock samples submitted JUN-12-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW95X-051	Nil	-	Results
POW95X-052	7	5	to
POW95X-053	Nil	-	follow
POW95X-054	Nil	-	
POW95X-055	Nil	-	
POW95X-056	Nil	-	
POW95X-057	2	-	
POW95X-058	Nil	-	
POW95X-059	Nil	-	
POW95X-060	Nil	-	
POW95X-061	Nil	Nil	
POW95X-062	Nil	-	
POW95X-064	Nil	-	
POW95X-066	Nil	-	
POW95X-067	2	-	
POW95X-068	Nil	-	
POW95X-069	Nil	-	
POW95X-070	Nil	-	
POW95X-071	Nil	Nil	
POW95X-072	Nil	-	
POW95X-073	Nil	-	
POW95X-1016	3	-	
POW95X-1017	Nil	-	
POW95X-1018	Nil	-	
POW95X-1019	Nil	-	
POW95X-1020	Nil	-	
POW95X-1021	Nil	-	
POW95X-1022	Nil	-	
POW95X-1023	Nil	Nil	
POW95X-1024	Nil	-	

One assay ton portion used.

Certified by G. Leboss

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

5W-2605-RG1

Company: **CAMECO CORPORATION**

Date: JUN-16-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 38 Rock samples submitted JUN-12-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW95X-1025	Nil	-	
POW95X-1026	Nil	-	
POW95X-1027	Nil	-	
POW95X-1028	Nil	-	
POW95X-1029	Nil	-	
POW95X-1031	Nil	-	
YDV-SH-01	Nil	-	
~~YDV-PIT-01~~	~~3189~~	~~3326~~	Young Davidson

One assay ton portion used.

Certified by G. Thiboutot

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

5W-2701-RG1

Company: **CAMECO CORPORATION**

Date: JUN-22-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 43 Rock samples submitted JUN-19-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW 95X-074	5	-	Results
POW 95X-075	2	-	to
POW 95X-076	3	5	Follow
POW 95X-077	51	21	
POW 95X-078	7	-	
POW 95X-079	3	-	
POW 95X-080	Nil	-	
POW 95X-081	Nil	-	
POW 95X-082	Nil	-	
POW 95X-083	2	-	
POW 95X-084	Nil	-	
POW 95X-1032	Nil	-	
POW 95X-1033	3	-	
POW 95X-1034	5	-	
POW 95X-1035	2	-	
POW 95X-1036	Nil	-	
POW 95X-1037	Nil	-	
POW 95X-1038	14	12	
POW 95X-1039	2	-	
POW 95X-1040	3	-	
POW 95X-1041	5	-	
POW 95X-1042	2	-	
POW 95X-1043	Nil	-	
POW 95X-1044	Nil	-	
POW 95X-1045	Nil	-	
POW 95X-1046	Nil	-	
POW 95X-1047	175	175	
POW 95X-1048	45	-	
POW 95X-1049	93	99	
POW 95X-1052	Nil	-	

**** Indicates this sample was not received.
One assay ton portion used.

Certified by G. Pelletier

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

5W-2701-RG1

Company: **CAMECO CORPORATION** Date: JUN-22-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 43 Rock samples submitted JUN-19-95 by .

Sample Number		Au PPB	Au Check PPB	Multi Element
POW 95X-1053		2	-	
POW 95X-1054		Nil	-	
POW 95X-1055		Nil	-	
POW 95X-1056		Nil	-	
POW 95X-1057		Nil	-	
POW 95X-1058		Nil	-	
POW 95X-1059		3	-	
POW 95X-1060		24	21	
POW 95X-1061		9	-	
POW 95X-1062	****	-	-	
POW 95X-1063		2	-	
POW 95X-1064		10	-	
POW 95X-1065		Nil	-	
POW 95X-1066		Nil	-	

**** Indicates this sample was not received.
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

5W-2800-RG1

Company: **CAMECO CORPORATION**

Date: JUL-07-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 39 Core samples submitted JUN-28-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
Pow95X-084	Nil	-	Results
Pow95X-085	Nil	-	to
Pow95X-086	Nil	-	follow
Pow95X-087	14	14	
Pow95X-088	Nil	-	
Pow95X-089	Nil	-	
Pow95X-090	Nil	-	
Pow95X-091	Nil	-	
Pow95X-092	3	-	
Pow95X-093	Nil	-	
Pow95X-094	5	-	
Pow95X-095	Nil	-	
Pow95X-1069	Nil	-	
Pow95X-1070	19	-	
Pow95X-1071	Nil	-	
Pow95X-1072	7	-	
Pow95X-1073	77	-	
Pow95X-1074	21	-	
Pow95X-1075	374	358	
Pow95X-1076	5	-	
Pow95X-1077	Nil	-	
Pow95X-1078	3	-	
Pow95X-1080	Nil	-	
Pow95X-1081	5	-	
Pow95X-1082	375	-	
Pow95X-1083	2808	2851	
Pow95X-1084	799	-	
Pow95X-1085	Nil	-	
Pow95X-1086	Nil	-	
Pow95X-1088	7	-	

One assay ton portion used.

Certified by G. Leboss

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

5W-2800-RG1

Company: **CAMECO CORPORATION** Date: JUL-07-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 39 Core samples submitted JUN-28-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
Pow95X-1089	Nil	-	
Pow95X-1091	3	-	
Pow95X-1092	Nil	-	
Pow95X-1093	5	-	
Pow95X-1094	Nil	-	
Pow95X-1095	Nil	-	
Pow95X-1096	9	-	
Pow95X-1097	15	-	
Pow95X-1098	~~2287~~	~~2232~~	Boulder south of hwy Lake. (Mt-Cp bearing)

One assay ton portion used.

Certified by G. Pelletier

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

5W-3012-RG1

Company: **CAMECO CORPORATION**

Date: JUL-25-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 55 Rock samples submitted JUL-20-95 by A. Faber.

Sample Number	Au PPB	Au Check PPB	Multi Element
POW95X-502	12	-	Results
POW95X-504	Nil	-	to
POW95X-505	Nil	-	follow
POW95X-509	Nil	-	
POW95X-510	Nil	-	
POW95X-511	2	-	
POW95X-512	Nil	-	
POW95X-514	Nil	Nil	
POW95X-515	Nil	-	
POW95X-516	Nil	-	
POW95X-517	Nil	-	
POW95X-518	Nil	-	
POW95X-519	2	-	
POW95X-520	Nil	-	
POW95X-521	3	-	
POW95X-522	Nil	-	
POW95X-523	Nil	Nil	
POW95X-524 Not Recd	-	-	
POW95X-525	2	-	
POW95X-526	Nil	-	
POW95X-527	Nil	-	
POW95X-528	Nil	-	
POW95X-1100	2	-	
POW95X-1101	Nil	-	
POW95X-1102	2	-	
POW95X-1103	Nil	-	
POW95X-1104	Nil	-	
POW95X-1105	Nil	Nil	
POW95X-1106	5	-	
POW95X-1107	Nil	-	

One assay ton portion used.

Certified by G. Gehl

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

5W-3012-RG1

Company: **CAMECO CORPORATION**

Date: JUL-25-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 55 Rock samples submitted JUL-20-95 by A. Faber.

Sample Number	Au PPB	Au Check PPB	Multi Element
POW95X-1109	Nil	-	
POW95X-1110	2	-	
POW95X-1112	34	43	
POW95X-1113	Nil	-	
POW95X-1114	Nil	-	
POW95X-1116	Nil	-	
POW95X-1117	Nil	-	
POW95X-1118	3	-	
POW95X-1119	Nil	Nil	
POW95X-1122	7	-	
POW95X-1124	Nil	-	
POW95X-1126	Nil	-	
POW95X-1127	Nil	-	
POW95X-1128	7	-	
POW95X-1129	Nil	-	
POW95X-1130	Nil	Nil	
POW95X-1132	Nil	-	
POW95X-1133	Nil	-	
POW95X-1134	Nil	-	
POW95X-1137	5	-	
POW95X-1138	Nil	-	
POW95X-1139	Nil	-	
POW95X-1140	Nil	-	
POW95X-1141	2	-	
POW95X-1142	390	360	
POW95X-1143	Nil	-	

One assay ton portion used.

Certified by G. Leboss

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

5W-3229-RG1

Company: **CAMECO CORPORATION**

Date: AUG-14-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 7 Rock samples submitted AUG-09-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW95X-1144	21	26	Results
POW95X-1145	Nil	-	to
POW95X-1146	Nil	Nil	follow
POW95X-1147	Nil	-	
POW95X-1148	Nil	-	
POW95X-1149	2	-	
POW95X-1150	5	7	

One assay ton portion used.

Certified by G. Pelletier

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

5W-3268-RG1

Company: **CAMECO CORPORATION**

Date: AUG-17-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 19 Rock samples submitted AUG-11-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW 95X-201	5	-	Results
POW 95X-202	Nil	-	to
POW 95X-203	12	-	follow
POW 95X-205	Nil	-	
POW 95X-206	Nil	Nil	
POW 95X-207	Nil	-	
POW 95X-1151	Nil	-	
POW 95X-1152	2	-	
POW 95X-1153	Nil	-	
POW 95X-1154	Nil	-	
POW 95X-1156	Nil	-	
POW 95X-1157	Nil	-	
POW 95X-1158	Nil	-	
POW 95X-1159	10	Nil	
POW 95X-1160	10	-	
POW 95X-1161	Nil	-	
POW 95X-1162	Nil	-	
POW 95X-1163	Nil	-	
POW 95X-1164	Nil	-	

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

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

5W-3316-RG1

Company: **CAMECO CORPORATION**

Date: AUG-23-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 53 Rock samples submitted AUG-16-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW-95C-2013	3	-	Results
POW-95C-2014	5	7	to
POW-95C-2015	Nil	-	follow
POW-95C-2016	Nil	-	
POW-95C-2017	Nil	-	
POW-95C-2018	5	-	
POW-95C-2019	12	-	
POW-95C-2020	Nil	-	
POW-95C-2021	Nil	-	
POW-95C-2022	Nil	-	
POW-95C-2023	Nil	-	
POW-95C-2024	Nil	-	
POW-95C-2025	Nil	-	
POW-95C-2026	Nil	-	
POW-95C-2027	Nil	-	
POW-95C-2028	Nil	-	
POW-95C-2029	Nil	2	
POW-95X-208	3	-	
POW-95X-209	Nil	-	
POW-95X-210	Nil	-	
POW-95X-211	Nil	-	
POW-95X-212	Nil	-	
POW-95X-213	Nil	-	
POW-95X-214	Nil	-	
POW-95X-215	Nil	-	
POW-95X-216	Nil	-	
POW-95X-217	5	-	
POW-95X-218	10	-	
POW-95X-219	9	-	
POW-95X-220	1186	1090	

Sample 3 zone. Channel Trench continued

One assay ton portion used.

Certified by G. Libby

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

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

Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

5W-3316-RG1

Company: **CAMECO CORPORATION** Date: AUG-23-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 53 Rock samples submitted AUG-16-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW-95X-1165	46	-	
POW-95X-1166	9	-	
POW-95X-1167	Nil	-	
POW-95X-1168	Nil	-	
POW-95X-1169	Nil	-	
POW-95X-1170	3	2	
POW-95X-1171	Nil	-	
POW-95X-1172	2	-	
POW-95X-1174	2	-	
POW-95X-1175	3	-	
POW-95X-1176	7	-	
POW-95X-1177	7	-	
POW-95X-1178	Nil	Nil	
POW-95X-1179	Nil	-	
POW-95X-1180	Nil	-	
POW-95X-1181	Nil	-	
POW-95X-1182	2	-	
POW-95X-1183	2	-	
POW-95X-1184	3	-	
POW-95X-1185	15	17	
POW-95X-1186	Nil	-	
POW-95X-1187	48	-	
POW-95X-1188	9	5	

One assay ton portion used.

Certified by G. Leboe

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

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

CAMECO CORP.
ATTN: M. KOZIOL

5W-2534-RG1

TSL/ASSAYE Laboratories

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

REPORT No. : **M5264**
Page No. : 1 of 1
File No. : JN09MA
Date : JUN-12-1995

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
POW 95X1001	< 1	3.3	< 5	< 10	< 1	< 1	< 5	6.1	< 1	32	55	940	7.3	1.9	1200	< 2	0.03	77	510	< 1	< 5	26	< 10	90	1800	250	< 10	14	87	10
POW 95X1002	< 1	3.8	30	< 10	19	< 1	< 5	4.3	< 1	52	70	120	8.7	2.0	2600	< 2	0.01	81	190	< 1	< 5	16	< 10	34	89	140	< 10	5	140	5
POW 95X1003	< 1	2.8	30	< 10	35	< 1	< 5	7.6	< 1	39	52	58	4.5	1.7	1800	< 2	<0.01	66	130	< 1	< 5	10	< 10	79	34	82	< 10	3	70	3
POW 95X1004	< 1	3.2	< 5	< 10	29	< 1	< 5	8.5	2	29	47	44	8.5	2.1	3800	< 2	<0.01	53	20	< 1	< 5	21	< 10	61	62	150	< 10	8	90	9
POW 95X1005	< 1	3.1	< 5	< 10	13	< 1	< 5	8.6	3	26	53	49	8.3	2.2	2800	< 2	<0.01	58	< 2	< 1	< 5	17	< 10	60	51	110	< 10	4	84	7
POW 95X1006	< 1	2.2	< 5	< 10	< 1	< 1	< 5	14	< 1	25	33	63	5.7	2.2	2200	< 2	<0.01	50	< 2	< 1	< 5	12	< 10	80	26	77	< 10	7	66	4
POW 95X1007	< 1	2.0	< 5	< 10	5	< 1	< 5	1.0	< 1	33	170	110	16	1.2	850	< 2	0.06	430	200	2	< 5	12	30	10	1200	95	< 10	4	530	16
POW 95X1008	< 1	0.98	60	< 10	8	< 1	< 5	2.2	< 1	92	130	39	17	0.64	1100	< 2	0.05	51	630	5	< 5	12	40	23	81	26	< 10	4	130	14
POW 95X1009	< 1	1.5	15	< 10	5	< 1	< 5	3.3	< 1	63	110	91	16	1.0	1700	< 2	0.02	49	510	2	< 5	15	20	32	44	39	< 10	3	120	8
POW 95X1010	< 1	2.4	30	< 10	13	< 1	< 5	2.0	< 1	63	150	74	16	0.88	1300	< 2	0.04	39	800	< 1	< 5	19	< 10	21	51	55	< 10	3	180	11
POW 95X1011	< 1	2.7	< 5	< 10	22	< 1	< 5	1.8	< 1	37	130	30	8.5	1.0	1200	< 2	0.03	15	700	< 1	< 5	15	< 10	13	69	48	< 10	4	170	6
POW 95X1012	< 1	2.5	< 5	< 10	< 1	< 1	< 5	3.5	< 1	22	28	20	19	2.0	3500	< 2	<0.01	36	94	< 1	< 5	9	< 10	31	42	46	< 10	4	110	5
POW 95X1013	< 1	0.77	< 5	< 10	6	< 1	< 5	8.5	< 1	10	33	16	5.0	2.2	1800	< 2	0.02	19	10	< 1	< 5	2	< 10	49	9	6	< 10	5	51	2
POW 95X1014	< 1	3.4	< 5	< 10	2	< 1	< 5	5.9	1	31	78	75	8.7	2.1	2400	< 2	0.01	72	140	< 1	< 5	23	< 10	48	58	170	< 10	5	130	5

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/95

TSL/ASSAYE' Laboratories

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

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M5290**
Page No. : 1 of 2
File No. : JN16MA
Date : JUN-17-1995

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

5W-2605-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
POW95X-051	< 1	0.45	< 5	< 10	220	< 1	< 5	1.1	< 1	12	220	13	2.5	0.57	380	< 2	0.10	25	950	75	< 5	< 1	< 10	150	1800	52	< 10	13	51	14
POW95X-052	< 1	0.45	< 5	< 10	140	< 1	< 5	1.0	< 1	17	160	41	2.1	1.1	280	< 2	0.04	19	2900	22	< 5	2	< 10	120	890	48	< 10	15	54	13
POW95X-053	< 1	2.8	< 5	< 10	14	< 1	< 5	1.4	< 1	33	100	91	5.2	2.0	890	< 2	0.03	55	570	< 1	< 5	7	< 10	33	2300	110	< 10	9	89	5
POW95X-054	< 1	2.9	< 5	< 10	21	< 1	< 5	4.6	< 1	38	60	14	7.2	2.0	1200	< 2	0.04	63	250	< 1	< 5	27	< 10	59	130	240	< 10	5	73	8
POW95X-055	< 1	3.3	< 5	< 10	17	< 1	< 5	1.6	< 1	16	120	13	7.4	1.7	590	< 2	0.03	15	1300	< 1	< 5	15	< 10	22	96	46	< 10	6	110	7
POW95X-056	< 1	0.68	< 5	< 10	43	< 1	< 5	4.8	< 1	27	100	90	5.7	1.8	1400	< 2	0.02	40	970	1	< 5	17	< 10	120	40	28	< 10	7	52	12
POW95X-057	< 1	3.1	< 5	< 10	35	< 1	< 5	3.4	< 1	32	170	21	7.1	2.1	1100	< 2	0.03	78	620	< 1	< 5	17	< 10	39	51	74	< 10	4	99	4
POW95X-058	< 1	4.2	< 5	< 10	7	< 1	< 5	1.9	< 1	31	250	6	6.8	2.2	810	< 2	0.03	80	630	< 1	< 5	22	< 10	19	280	110	< 10	6	110	8
POW95X-059	< 1	4.0	5	< 10	40	< 1	< 5	0.37	< 1	25	120	6	8.8	2.0	550	< 2	0.02	22	930	< 1	< 5	15	< 10	6	79	86	< 10	4	110	8
POW95X-060	< 1	2.9	< 5	< 10	25	< 1	< 5	3.9	< 1	32	190	13	7.1	2.1	1200	< 2	0.02	80	460	< 1	< 5	14	< 10	45	44	75	< 10	3	76	6
POW95X-061	< 1	4.4	< 5	< 10	8	< 1	< 5	3.0	< 1	36	70	47	15	1.9	1400	< 2	0.02	62	310	< 1	< 5	29	< 10	34	350	230	< 10	4	200	4
POW95X-062	< 1	3.9	< 5	< 10	8	< 1	< 5	2.8	< 1	43	85	130	7.6	2.1	1200	< 2	<0.01	77	220	< 1	< 5	9	< 10	42	2700	180	< 10	5	110	2
POW95X-064	< 1	1.6	5	< 10	< 1	< 1	< 5	6.1	< 1	35	820	25	2.6	2.1	630	< 2	<0.01	540	< 2	< 1	< 5	2	< 10	180	200	46	< 10	3	15	< 1
POW95X-066	< 1	2.7	< 5	< 10	22	< 1	< 5	0.60	< 1	41	350	37	4.3	2.4	490	< 2	0.02	300	330	< 1	< 5	3	< 10	23	1000	46	< 10	2	69	2
POW95X-067	< 1	1.3	< 5	< 10	25	< 1	< 5	0.44	< 1	20	330	14	3.0	2.2	470	< 2	0.03	160	140	< 1	< 5	2	< 10	12	530	41	< 10	1	28	1
POW95X-068	< 1	1.0	5	< 10	33	< 1	< 5	2.0	< 1	20	220	6	2.9	1.1	520	< 2	0.06	70	420	< 1	< 5	6	< 10	35	29	20	< 10	4	39	6
POW95X-069	< 1	1.7	< 5	< 10	35	< 1	< 5	2.7	< 1	22	250	71	3.6	1.9	600	< 2	0.08	150	550	< 1	< 5	6	< 10	61	20	22	< 10	4	60	11
POW95X-070	< 1	1.0	< 5	< 10	21	< 1	< 5	3.3	< 1	19	210	250	2.7	1.8	600	< 2	0.06	120	580	< 1	< 5	6	< 10	63	14	20	< 10	4	32	9
POW95X-071	< 1	2.3	15	< 10	71	< 1	< 5	4.4	< 1	33	220	10	5.5	2.1	1300	< 2	0.05	49	2400	< 1	< 5	22	< 10	150	66	150	< 10	8	160	9
POW95X-072	< 1	2.1	< 5	< 10	15	< 1	< 5	4.3	< 1	22	400	34	4.8	2.1	940	< 2	0.03	83	1100	< 1	< 5	14	< 10	150	43	89	< 10	8	150	8
POW95X-073	< 1	4.1	< 5	< 10	16	< 1	< 5	2.5	1	38	20	68	11	1.9	800	< 2	0.02	21	580	< 1	< 5	28	< 10	53	130	260	< 10	4	160	11
POW95X-1016	< 1	4.7	< 5	< 10	5	< 1	< 5	5.1	1	50	69	120	9.2	2.2	1000	< 2	0.01	86	250	< 1	< 5	29	< 10	54	64	220	< 10	4	94	12
POW95X-1017	< 1	2.1	< 5	< 10	18	< 1	< 5	6.8	< 1	25	310	85	6.5	1.9	1500	< 2	0.01	39	260	< 1	< 5	11	< 10	71	20	44	< 10	7	64	2
POW95X-1018	< 1	2.3	< 5	< 10	48	< 1	< 5	4.6	< 1	26	170	40	7.2	2.0	1400	< 2	0.02	60	640	< 1	< 5	15	< 10	50	29	52	< 10	5	92	5
POW95X-1019	< 1	2.2	20	< 10	19	< 1	< 5	1.7	< 1	27	150	88	3.6	1.7	820	< 2	0.14	39	190	7	< 5	8	< 10	14	1600	79	< 10	5	78	3
POW95X-1020	< 1	1.1	< 5	< 10	21	< 1	< 5	1.4	< 1	17	180	92	2.4	0.87	460	< 2	0.10	30	230	< 1	< 5	6	< 10	33	1400	70	< 10	6	32	3
POW95X-1021	< 1	1.9	20	< 10	12	< 1	< 5	1.8	< 1	23	160	210	2.9	1.1	500	< 2	0.13	38	190	< 1	< 5	5	< 10	17	1900	59	< 10	6	61	2
POW95X-1022	< 1	2.5	< 5	< 10	12	< 1	< 5	1.5	< 1	29	190	70	4.5	1.8	960	< 2	0.15	51	200	< 1	< 5	12	< 10	31	2900	120	< 10	8	68	6
POW95X-1023	< 1	1.4	10	< 10	36	< 1	< 5	0.49	< 1	44	220	390	4.7	0.86	340	26	0.11	240	690	1	< 5	8	< 10	20	2300	81	< 10	8	100	16
POW95X-1024	< 1	1.0	10	< 10	77	< 1	< 5	0.47	< 1	50	780	80	3.0	0.87	320	< 2	0.09	600	420	180	< 5	3	< 10	49	1500	54	< 10	3	57	8
POW95X-1025	< 1	0.18	< 5	< 10	45	< 1	< 5	0.18	< 1	4	280	17	1.2	0.22	80	< 2	0.07	17	190	12	< 5	< 1	< 10	41	450	32	< 10	3	22	25
POW95X-1026	< 1	1.3	10	< 10	16	< 1	< 5	1.5	< 1	16	140	36	2.1	0.79	480	< 2	0.11	25	180	< 1	< 5	5	< 10	16	1500	49	< 10	4	32	3
POW95X-1027	< 1	0.85	< 5	< 10	14	< 1	< 5	1.1	< 1	13	110	60	1.8	0.79	350	< 2	0.08	23	180	< 1	< 5	5	< 10	17	1400	49	< 10	4	27	3
POW95X-1028	< 1	5.0	10	< 10	15	< 1	< 5	1.3	< 1	39	230	50	11	2.3	980	< 2	0.02	98	620	< 1	< 5	22	< 10	12	230	160	< 10	5	160	9
POW95X-1029	< 1	3.6	< 5	< 10	31	< 1	< 5	3.8	< 1	34	170	33	6.6	2.0	960	< 2	0.02	69	260	< 1	< 5	21	< 10	17	110	150	< 10	8	87	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

SIGNED :

TSL/95

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

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M5290**
Page No. : 2 of 2
File No. : JN16MA
Date : JUN-17-1995

5W-2605-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
POW95X-1031	< 1	1.1	< 5	< 10	500	< 1	< 5	4.5	< 1	18	170	66	3.1	1.9	850	< 2	0.05	72	1800	< 1	< 5	5	< 10	90	16	15	< 10	6	46	2
YDV-SH-01	< 1	0.87	10	< 10	30	< 1	< 5	0.27	< 1	22	780	17	2.0	1.2	480	< 2	0.01	230	20	10	< 5	3	< 10	6	34	35	< 10	2	32	7
YDV-PIT-01	1	0.21	< 5	< 10	36	< 1	< 5	2.3	< 1	11	150	19	1.6	0.14	260	< 2	0.05	15	610	2	< 5	2	< 10	81	14	12	< 10	9	13	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

SIGNED :

TSL/95

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

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M5305**
Page No. : 2 of 2
File No. : JN23MA
Date : JUN-26-1995

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

5W-2701-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
POW 95X-1058	< 1	0.91	< 5	< 10	42	< 1	< 5	0.74	< 1	16	410	17	2.4	0.59	580	< 2	0.03	54	240	< 1	< 5	3	< 10	22	14	25	< 10	2	35	3
POW 95X-1059	< 1	1.1	< 5	< 10	34	< 1	< 5	2.6	< 1	17	260	16	2.7	1.0	560	< 2	0.09	64	410	< 1	< 5	5	< 10	47	9	22	< 10	3	42	4
POW 95X-1060	< 1	4.2	< 5	< 10	57	< 1	< 5	2.3	< 1	69	170	39	8.0	1.9	1300	< 2	0.02	210	420	< 1	< 5	16	< 10	36	29	72	< 10	3	470	13
POW 95X-1061	< 1	1.6	10	< 10	13	< 1	< 5	1.6	< 1	16	330	28	3.7	0.66	370	< 2	0.03	55	780	< 1	< 5	4	< 10	22	36	28	< 10	3	140	3
POW 95X-1063	< 1	2.0	< 5	< 10	26	< 1	< 5	2.8	< 1	29	170	31	3.8	1.7	720	< 2	0.08	110	370	< 1	< 5	9	< 10	49	20	40	< 10	2	77	7
POW 95X-1064	< 1	3.5	< 5	< 10	5	< 1	< 5	2.5	< 1	31	79	3	8.5	1.5	1200	2	0.02	6	870	< 1	< 5	25	< 10	57	86	68	< 10	5	180	9
POW 95X-1065	< 1	2.7	< 5	< 10	10	< 1	< 5	1.9	< 1	21	240	12	7.4	1.1	1000	< 2	0.03	16	800	< 1	< 5	15	< 10	29	59	51	< 10	4	170	7
POW 95X-1066	< 1	1.0	< 5	< 10	19	< 1	< 5	1.7	< 1	11	530	13	3.3	0.35	960	< 2	0.02	14	490	< 1	< 5	6	< 10	35	37	28	< 10	3	60	2

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/95

SIGNED :

TSL/ASSAYE1 Laboratories
1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M5350**
Page No. : 1 of 2
File No. : JLO4MB
Date : JUL-06-1995

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

5W-2800-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
POW95X-084	< 1	1.9	< 5	< 10	28	< 1	< 5	1.5	< 1	31	420	38	3.6	0.94	540	< 2	0.27	48	400	< 1	< 5	17	< 10	25	3000	200	< 10	12	78	7
POW95X-085	< 1	1.8	< 5	< 10	19	< 1	< 5	8.7	< 1	19	120	120	5.9	2.0	1700	< 2	0.02	52	16	< 1	< 5	13	< 10	46	63	100	< 10	4	73	5
POW95X-086	< 1	1.1	10	< 10	20	< 1	< 5	1.3	< 1	26	680	140	4.4	0.62	460	< 2	0.05	50	36	20	< 5	6	< 10	12	19	67	< 10	1	29	1
POW95X-087	< 1	2.7	20	< 10	< 1	< 1	< 5	5.2	< 1	62	49	150	18	2.0	2000	4	<0.01	46	300	1	< 5	14	< 10	47	60	22	< 10	4	200	7
POW95X-088	< 1	2.2	< 5	< 10	29	< 1	< 5	2.6	< 1	19	290	46	3.5	1.8	620	< 2	0.06	100	340	< 1	< 5	5	< 10	50	39	37	< 10	2	66	5
POW95X-089	< 1	1.8	< 5	< 10	34	< 1	< 5	3.6	< 1	19	270	4	3.5	2.1	800	< 2	0.06	150	450	< 1	< 5	7	< 10	67	19	26	< 10	3	80	6
POW95X-090	< 1	1.3	< 5	< 10	73	< 1	< 5	0.69	< 1	11	190	23	1.6	0.70	170	< 2	0.07	47	410	< 1	< 5	3	< 10	22	29	19	< 10	5	50	14
POW95X-091	< 1	3.1	< 5	< 10	28	< 1	< 5	2.1	< 1	28	500	31	4.2	2.2	620	< 2	0.05	180	500	< 1	< 5	11	< 10	61	46	71	< 10	4	110	8
POW95X-092	< 1	2.7	< 5	< 10	13	< 1	< 5	4.9	< 1	33	68	52	19	1.8	2200	4	<0.01	23	370	< 1	< 5	19	< 10	71	35	35	< 10	5	430	9
POW95X-093	< 1	2.1	< 5	< 10	25	< 1	< 5	0.50	< 1	21	340	16	3.2	1.9	290	< 2	0.03	120	520	< 1	< 5	3	< 10	13	31	29	< 10	3	200	6
POW95X-094	< 1	1.3	< 5	< 10	51	< 1	< 5	2.4	< 1	17	260	31	3.2	1.4	590	< 2	0.09	36	420	< 1	< 5	5	< 10	54	16	26	< 10	5	64	10
POW95X-095	< 1	0.63	10	< 10	8	< 1	< 5	0.16	< 1	24	1400	27	2.8	0.64	180	< 2	0.02	200	18	2	< 5	3	< 10	7	34	48	< 10	< 1	880	2
POW95X-1069	< 1	3.8	10	< 10	< 1	< 1	< 5	5.2	< 1	57	1800	46	6.8	2.5	1000	< 2	<0.01	850	60	< 1	< 5	20	< 10	86	57	110	< 10	4	140	6
POW95X-1070	< 1	2.7	< 5	< 10	36	< 1	< 5	2.7	< 1	24	130	14	8.0	1.6	1200	< 2	0.06	12	1100	< 1	< 5	16	< 10	34	55	40	< 10	7	150	8
POW95X-1071	1	0.22	< 5	< 10	33	< 1	< 5	4.6	< 1	29	120	110	5.3	1.9	1000	< 2	0.03	46	290	20	< 5	18	< 10	150	15	25	< 10	3	63	9
POW95X-1072	< 1	0.29	< 5	< 10	110	< 1	< 5	3.4	< 1	32	150	78	6.9	1.9	1200	10	0.05	61	400	2	< 5	20	< 10	120	15	34	< 10	3	89	10
POW95X-1073	< 1	1.9	< 5	< 10	34	< 1	< 5	4.8	< 1	28	110	140	4.6	2.2	960	< 2	0.01	87	92	< 1	< 5	23	< 10	190	10	30	< 10	4	78	8
POW95X-1074	< 1	2.9	< 5	< 10	25	< 1	< 5	4.7	< 1	25	240	69	4.5	2.3	870	< 2	0.02	87	96	< 1	< 5	23	< 10	91	160	150	< 10	4	54	7
POW95X-1075	< 1	0.42	< 5	< 10	23	< 1	< 5	6.1	< 1	20	250	160	3.6	2.1	960	< 2	<0.01	39	72	3	< 5	14	< 10	130	5	28	< 10	4	39	4
POW95X-1076	< 1	3.2	< 5	< 10	2	< 1	< 5	4.3	< 1	32	120	78	7.1	1.8	890	< 2	0.03	59	170	< 1	< 5	26	< 10	39	630	240	< 10	8	78	11
POW95X-1077	< 1	2.3	< 5	< 10	18	< 1	< 5	2.9	< 1	36	140	150	9.6	0.93	1100	< 2	0.05	46	430	< 1	< 5	20	< 10	26	290	270	< 10	3	110	8
POW95X-1078	< 1	0.28	< 5	< 10	37	< 1	< 5	0.57	< 1	10	340	180	1.9	0.09	460	< 2	0.02	10	380	< 1	< 5	2	< 10	8	18	14	< 10	6	36	9
POW95X-1080	< 1	1.4	< 5	< 10	42	< 1	< 5	0.17	< 1	10	250	6	7.4	0.92	320	< 2	0.04	33	350	< 1	< 5	3	< 10	5	600	55	< 10	8	64	8
POW95X-1081	< 1	1.4	< 5	< 10	41	< 1	< 5	0.17	< 1	10	250	2	7.3	0.92	300	< 2	0.04	34	350	< 1	< 5	3	< 10	5	610	54	< 10	8	60	6
POW95X-1082	< 1	0.35	< 5	< 10	60	< 1	< 5	3.2	< 1	14	350	44	2.6	1.7	730	< 2	0.03	58	200	< 1	< 5	6	< 10	88	27	20	< 10	4	33	7
POW95X-1083	< 1	0.19	< 5	< 10	7	< 1	< 5	2.5	< 1	21	240	16	2.1	1.5	460	< 2	0.03	70	50	< 1	< 5	6	< 10	83	24	11	< 10	2	20	5
POW95X-1084	< 1	0.39	< 5	< 10	16	< 1	< 5	2.6	< 1	29	190	130	3.7	1.5	1100	54	0.05	110	370	2	< 5	9	< 10	67	21	15	< 10	4	27	16
POW95X-1085	< 1	2.5	< 5	< 10	30	< 1	< 5	2.5	< 1	30	120	81	5.5	1.4	850	< 2	0.05	51	380	< 1	< 5	17	< 10	22	29	220	< 10	4	92	6
POW95X-1086	< 1	0.83	< 5	< 10	28	< 1	< 5	0.79	< 1	18	730	6	1.8	0.38	310	2	0.04	19	200	< 1	< 5	1	< 10	23	9	24	< 10	3	32	7
POW95X-1088	< 1	1.7	< 5	< 10	55	< 1	< 5	0.45	< 1	16	310	50	2.7	0.73	260	< 2	0.05	30	520	< 1	< 5	2	< 10	18	17	16	< 10	6	60	13
POW95X-1089	< 1	2.1	< 5	< 10	360	< 1	< 5	2.0	< 1	23	550	30	4.3	2.0	650	< 2	0.05	84	1900	< 1	< 5	10	< 10	240	75	110	< 10	9	110	4
POW95X-1091	< 1	2.9	< 5	< 10	< 1	< 1	< 5	14	< 1	15	25	34	5.6	1.3	2700	< 2	<0.01	60	170	< 1	< 5	11	< 10	180	150	36	< 10	8	88	5
POW95X-1092	< 1	1.3	< 5	< 10	6	< 1	< 5	6.2	< 1	13	87	760	2.4	0.71	830	< 2	0.08	12	930	< 1	< 5	8	< 10	120	250	69	< 10	14	36	2
POW95X-1093	< 1	3.5	< 5	< 10	< 1	< 1	< 5	7.5	< 1	35	57	45	7.0	1.7	1300	< 2	0.01	58	290	< 1	< 5	22	< 10	120	660	230	< 10	11	90	9
POW95X-1094	< 1	1.8	< 5	< 10	6	< 1	< 5	2.4	< 1	16	410	110	2.3	0.84	460	< 2	0.13	39	150	< 1	< 5	8	< 10	12	1400	89	< 10	6	23	5

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/95

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

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M5350**
Page No. : 2 of 2
File No. : JL04MB
Date : JUL-06-1995

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

5W-2800-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
POW95X-1095	< 1	1.5	< 5	< 10	71	< 1	< 5	2.1	< 1	48	710	73	4.0	1.3	1200	< 2	0.09	450	120	< 1	< 5	6	< 10	51	1300	80	< 10	4	31	3
POW95X-1096	< 1	2.0	< 5	< 10	13	< 1	< 5	2.3	< 1	41	1800	130	3.6	1.8	830	12	<0.01	510	1200	< 1	< 5	11	< 10	61	180	85	< 10	5	44	3
POW95X-1097	1	1.5	< 5	< 10	27	< 1	< 5	0.29	< 1	21	170	310	3.5	1.3	300	66	0.02	81	660	10	< 5	3	< 10	10	1500	21	< 10	6	120	32
POW95X-1098	95	0.38	< 5	< 10	8	< 1	< 5	0.85	< 1	240	800	>9999	25	0.64	230	>9999	0.05	800	560	25	< 5	< 1	80	22	650	120	< 10	16	42	12

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/95

SIGNED : Dany Saad

CAMECO CORPORATION

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

REPORT No. : **M54430**
Page No. : 1 of 2
File No. : M5443
Date : AUG-02-1995

5W-3012-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
POW95X-502	< 1	1.1	< 5	< 10	43	< 1	< 5	0.27	< 1	7	230	6	2.3	0.58	200	< 2	0.03	12	400	< 1	< 5	1	< 10	6	18	18	< 10	4	40	9
POW95X-504	< 1	1.7	< 5	< 10	24	< 1	< 5	0.25	< 1	12	290	2	3.5	1.4	820	< 2	0.08	50	460	1	< 5	5	< 10	12	7	34	< 10	2	110	4
POW95X-505	< 1	2.7	10	< 10	24	< 1	< 5	2.3	< 1	22	270	5	4.2	2.1	820	< 2	0.03	180	350	< 1	< 5	4	< 10	36	21	37	< 10	3	83	7
POW95X-509	< 1	2.2	5	< 10	36	< 1	< 5	2.9	< 1	31	290	35	3.7	2.1	760	< 2	0.03	190	340	< 1	< 5	6	< 10	74	26	33	< 10	4	120	10
POW95X-510	< 1	3.9	< 5	< 10	17	< 1	< 5	3.2	< 1	45	140	50	7.2	2.0	980	< 2	0.02	110	510	< 1	< 5	16	< 10	74	600	140	< 10	8	100	7
POW95X-511	< 1	2.8	< 5	< 10	64	< 1	< 5	2.0	< 1	45	410	55	3.6	2.2	700	< 2	0.03	180	620	< 1	< 5	7	< 10	88	1600	87	< 10	5	75	6
POW95X-512	< 1	2.1	10	< 10	25	< 1	< 5	2.7	< 1	18	130	15	3.1	1.7	520	< 2	0.04	85	320	< 1	< 5	3	< 10	59	31	31	< 10	3	50	3
POW95X-514	< 1	1.9	< 5	< 10	45	< 1	< 5	3.6	< 1	15	98	20	3.3	1.3	620	< 2	0.04	69	530	< 1	< 5	3	< 10	58	23	24	< 10	5	55	5
POW95X-515	< 1	1.5	5	< 10	35	< 1	< 5	1.3	< 1	14	260	4	3.0	0.85	470	< 2	0.05	42	430	< 1	< 5	1	< 10	22	17	15	< 10	7	55	8
POW95X-516	< 1	2.5	< 5	< 10	9	< 1	< 5	1.2	< 1	22	210	53	4.0	1.9	660	< 2	0.07	79	640	< 1	< 5	7	< 10	43	2400	70	< 10	6	78	6
POW95X-517	< 1	2.4	< 5	< 10	6	< 1	< 5	0.83	< 1	23	220	100	3.8	1.8	570	< 2	0.06	82	510	< 1	< 5	6	< 10	34	2300	61	< 10	4	60	5
POW95X-518	< 1	2.7	10	< 10	21	< 1	< 5	0.88	< 1	42	120	110	5.6	2.0	690	< 2	0.09	150	420	< 1	< 5	3	< 10	25	3000	120	< 10	10	78	5
POW95X-519	< 1	1.5	< 5	< 10	54	< 1	< 5	2.7	< 1	25	180	62	3.5	1.6	880	< 2	0.07	62	440	< 1	< 5	4	< 10	33	58	33	< 10	4	66	4
POW95X-520	< 1	2.9	< 5	< 10	27	< 1	< 5	1.6	< 1	22	150	3	4.6	2.0	610	< 2	0.06	63	630	< 1	< 5	10	< 10	19	100	76	< 10	3	75	6
POW95X-521	< 1	1.8	< 5	< 10	41	< 1	< 5	2.3	< 1	16	140	48	2.8	1.7	430	< 2	0.04	89	400	< 1	< 5	3	< 10	33	480	26	< 10	4	40	6
POW95X-522	< 1	1.8	< 5	< 10	27	< 1	< 5	5.0	< 1	19	300	48	3.9	2.1	940	< 2	0.04	83	1800	< 1	< 5	9	< 10	170	46	69	< 10	10	60	2
POW95X-523	< 1	2.1	5	< 10	38	< 1	< 5	2.0	< 1	25	260	14	3.9	2.0	620	< 2	0.03	150	390	< 1	< 5	5	< 10	33	26	25	< 10	4	62	9
POW95X-525	< 1	2.2	5	< 10	44	< 1	< 5	1.8	< 1	30	250	11	3.9	2.0	480	< 2	0.05	180	410	< 1	< 5	6	< 10	36	17	33	< 10	4	88	10
POW95X-526	< 1	1.5	< 5	< 10	43	< 1	< 5	1.0	< 1	17	240	40	3.3	1.6	530	< 2	0.06	55	370	< 1	< 5	3	< 10	16	28	23	< 10	6	40	10
POW95X-527	< 1	3.3	< 5	< 10	5	< 1	< 5	0.72	< 1	28	430	25	4.5	2.4	710	< 2	0.04	170	390	< 1	< 5	9	< 10	18	2300	72	< 10	4	72	5
POW95X-528	< 1	3.4	< 5	< 10	9	< 1	< 5	2.3	< 1	35	480	35	4.4	2.4	900	< 2	0.03	240	340	< 1	< 5	10	< 10	30	1600	78	< 10	4	79	7
POW95X-1100	< 1	2.7	5	< 10	16	< 1	< 5	0.71	< 1	23	420	35	3.9	2.2	610	< 2	0.03	200	460	4	< 5	9	< 10	42	2800	67	< 10	6	70	12
POW95X-1101	< 1	2.9	10	< 10	12	< 1	< 5	0.55	< 1	42	320	82	4.4	2.4	570	< 2	0.05	320	420	< 1	< 5	4	< 10	38	1900	72	< 10	5	62	2
POW95X-1102	< 1	2.0	< 5	< 10	30	< 1	< 5	2.4	< 1	17	150	100	3.0	1.6	460	< 2	0.03	85	470	< 1	< 5	3	< 10	35	48	22	< 10	4	40	4
POW95X-1103	< 1	3.4	5	< 10	25	< 1	< 5	1.9	< 1	25	330	27	4.2	2.1	1300	< 2	0.02	170	310	< 1	< 5	4	< 10	29	34	39	< 10	3	350	3
POW95X-1104	< 1	2.9	< 5	< 10	23	< 1	< 5	0.81	< 1	23	270	14	3.9	2.0	580	< 2	0.05	100	370	< 1	< 5	5	< 10	17	26	48	< 10	2	170	5
POW95X-1105	< 1	0.16	5	< 10	5	< 1	< 5	0.06	< 1	20	710	6	0.59	0.16	85	< 2	0.02	35	30	< 1	< 5	< 1	< 10	4	28	15	< 10	< 1	8	< 1
POW95X-1106	< 1	4.1	40	< 10	12	< 1	< 5	0.81	< 1	35	310	110	9.0	2.2	630	< 2	0.03	110	350	1	< 5	9	< 10	15	69	61	< 10	2	170	7
POW95X-1107	< 1	3.3	30	< 10	34	< 1	< 5	2.8	< 1	35	220	30	5.1	2.0	830	< 2	0.05	110	350	< 1	< 5	7	< 10	36	13	49	< 10	2	110	5
POW95X-1109	< 1	2.0	< 5	< 10	36	< 1	< 5	1.6	< 1	23	330	50	3.2	2.0	580	< 2	0.03	130	380	< 1	< 5	3	< 10	36	21	28	< 10	2	72	3
POW95X-1110	< 1	0.85	5	< 10	32	< 1	< 5	1.6	< 1	5	270	45	2.3	0.49	400	< 2	0.04	30	350	3	< 5	1	< 10	55	13	9	< 10	9	20	16
POW95X-1112	< 1	1.8	190	< 10	22	< 1	< 5	2.8	< 1	40	240	32	5.0	1.9	670	< 2	0.04	90	440	22	< 5	5	< 10	52	13	26	< 10	4	160	18
POW95X-1113	< 1	1.0	5	< 10	39	< 1	< 5	0.94	< 1	13	200	23	3.2	0.78	460	< 2	0.05	61	530	3	< 5	4	< 10	18	11	28	< 10	4	60	8
POW95X-1114	< 1	1.5	< 5	< 10	35	< 1	< 5	0.67	< 1	11	240	17	3.3	0.86	420	< 2	0.07	50	480	2	< 5	2	< 10	13	20	21	< 10	5	79	8
POW95X-1116	< 1	2.3	< 5	< 10	17	< 1	< 5	2.9	< 1	30	380	13	3.6	2.3	610	< 2	0.02	220	300	< 1	< 5	6	< 10	87	16	29	< 10	2	60	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/95

SIGNED : Ramy Saad

CAMECO CORPORATION

TSL/ASSAYE Laboratories

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

REPORT No. : **M54430**
Page No. : 2 of 2
File No. : M5443
Date : AUG-02-1995

I.C.A.P. PLASMA SCAN

5W-3012-RG1

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
POW95X-1117	< 1	1.0	< 5	< 10	33	< 1	< 5	3.3	< 1	21	210	70	3.5	1.6	650	< 2	0.03	57	380	< 1	< 5	4	< 10	40	9	19	< 10	3	45	5
POW95X-1118	< 1	1.1	< 5	< 10	45	< 1	< 5	3.4	< 1	15	160	55	3.3	1.8	620	< 2	0.07	47	470	< 1	< 5	4	< 10	56	7	14	< 10	5	45	8
POW95X-1119	< 1	0.70	< 5	< 10	58	< 1	< 5	6.6	< 1	13	370	16	2.7	0.66	2300	< 2	0.01	55	210	< 1	< 5	3	< 10	76	11	22	< 10	3	98	3
POW95X-1122	< 1	1.6	< 5	< 10	18	< 1	< 5	3.0	< 1	23	210	30	3.8	2.0	730	< 2	0.06	120	490	< 1	< 5	7	< 10	53	25	46	< 10	3	48	8
POW95X-1124	< 1	2.0	< 5	< 10	57	< 1	< 5	1.4	< 1	17	160	40	3.8	1.6	430	< 2	0.04	32	450	2	< 5	3	< 10	25	50	27	< 10	4	80	9
POW95X-1126	< 1	1.6	< 5	< 10	36	< 1	< 5	1.6	< 1	4	190	18	2.8	1.3	500	< 2	0.04	30	370	4	< 5	1	< 10	27	12	9	< 10	6	77	11
POW95X-1127	< 1	1.1	10	< 10	10	< 1	< 5	1.4	< 1	16	290	57	2.5	1.5	420	< 2	0.07	45	430	3	< 5	4	< 10	51	900	38	< 10	6	32	12
POW95X-1128	< 1	1.4	5	< 10	14	< 1	< 5	0.43	< 1	15	330	110	3.2	1.6	440	< 2	0.10	50	620	3	< 5	4	< 10	13	1800	68	< 10	5	59	10
POW95X-1129	< 1	1.3	< 5	< 10	42	< 1	< 5	1.0	< 1	10	110	15	2.6	1.3	340	< 2	0.03	21	490	8	< 5	1	< 10	19	52	11	< 10	6	55	9
POW95X-1130	< 1	1.1	< 5	< 10	51	< 1	< 5	0.89	< 1	13	170	26	2.7	0.79	320	< 2	0.08	21	470	1	< 5	2	< 10	20	31	14	< 10	6	81	10
POW95X-1132	< 1	1.8	< 5	< 10	19	< 1	< 5	4.0	< 1	25	230	35	3.5	2.2	650	< 2	0.04	160	380	< 1	< 5	5	< 10	58	19	25	< 10	4	72	9
POW95X-1133	< 1	0.90	< 5	< 10	25	< 1	< 5	1.9	< 1	15	180	21	2.9	1.0	590	< 2	0.06	50	360	2	< 5	3	< 10	22	12	14	< 10	5	69	12
POW95X-1134	< 1	3.6	< 5	< 10	29	< 1	< 5	1.4	< 1	32	350	50	4.5	2.3	880	< 2	0.03	200	600	< 1	< 5	11	< 10	22	41	86	< 10	3	88	6
POW95X-1137	< 1	0.69	< 5	< 10	11	< 1	< 5	0.58	< 1	12	380	60	1.9	0.58	330	< 2	0.10	75	520	1	< 5	2	< 10	62	1200	27	< 10	6	25	10
POW95X-1138	< 1	0.32	15	< 10	56	< 1	< 5	0.07	< 1	5	330	15	3.2	0.09	52	< 2	0.05	25	460	20	< 5	2	< 10	13	720	16	< 10	3	15	14
POW95X-1139	< 1	1.3	20	< 10	9	< 1	< 5	0.70	< 1	29	340	20	3.3	1.3	450	< 2	0.16	18	460	12	< 5	8	< 10	10	980	53	< 10	8	95	20
POW95X-1140	< 1	0.64	25	< 10	47	< 1	< 5	0.10	< 1	6	310	15	2.3	0.37	110	< 2	0.05	20	440	86	< 5	3	< 10	8	740	17	< 10	5	41	13
POW95X-1141	< 1	1.7	40	< 10	22	< 1	< 5	0.25	< 1	11	280	5	4.7	1.6	510	< 2	0.07	25	480	20	< 5	4	< 10	6	1000	37	< 10	7	120	22
POW95X-1142	< 1	0.07	340	< 10	4	< 1	< 5	8.0	< 1	59	180	60	4.5	2.6	1000	< 2	<0.01	610	32	< 1	< 5	21	< 10	300	18	13	< 10	3	32	6
POW95X-1143	< 1	1.3	< 5	< 10	17	< 1	< 5	1.5	< 1	35	250	21	2.8	1.0	470	< 2	0.15	95	350	< 1	< 5	10	< 10	20	2100	110	< 10	9	130	3

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/95

SIGNED :

CAMECO CORPORATION
ATTN: M. KOZIOL

5W-3229-RG1

TSL/ASSAYE Laboratories

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

REPORT No. : M5538
Page No. : 1 of 1
File No. : AG15MA
Date : AUG-16-1995

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
POW95X-1144	< 1	4.5	< 5	< 10	7	< 1	< 5	4.2	< 1	75	71	560	16	1.8	1300	2	0.04	95	490	< 1	< 5	25	< 10	39	50	280	< 10	4	200	15
POW95X-1145	< 1	3.8	< 5	< 10	< 1	< 1	< 5	5.2	< 1	32	47	71	15	1.9	1700	< 2	<0.01	53	250	< 1	< 5	26	< 10	41	49	230	< 10	3	160	15
POW95X-1146	< 1	3.8	5	< 10	< 1	< 1	< 5	4.8	< 1	43	49	240	16	1.8	2500	< 2	<0.01	51	270	< 1	< 5	22	< 10	34	50	200	< 10	2	180	17
POW95X-1147	< 1	0.79	< 5	< 10	33	< 1	< 5	6.9	< 1	19	96	150	5.5	1.4	1800	< 2	0.05	22	180	< 1	< 5	10	< 10	53	13	66	< 10	5	58	3
POW95X-1148	< 1	1.8	5	< 10	4	< 1	< 5	4.9	< 1	28	120	48	9.2	1.3	1700	4	0.05	56	170	< 1	< 5	16	< 10	39	14	160	< 10	3	110	9
POW95X-1149	< 1	2.3	10	< 10	24	< 1	< 5	4.4	< 1	51	91	120	11	1.3	1600	< 2	0.07	76	210	< 1	< 5	21	< 10	41	31	200	< 10	2	130	9
POW95X-1150	< 1	3.1	< 5	< 10	< 1	< 1	< 5	4.4	< 1	31	140	94	6.9	1.8	1300	< 2	0.03	60	160	< 1	< 5	15	< 10	14	1800	180	< 10	6	90	3

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/95

SIGNED :

CAMECO CORPORATION
ATTN: M. KOZIOL

5W-3268-RG1

TSL/ASSAYE Laboratories

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

REPORT No. : M5583
Page No. : 1 of 1
File No. : AG21MA
Date : AUG-23-1995

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 95X-201	< 1	1.0	10	< 10	19	< 1	< 5	3.4	< 1	42	200	76	6.9	1.8	1000	6	0.06	47	250	< 1	< 5	16	< 10	92	130	81	< 10	4	57	7
POW 95X-202	< 1	0.27	< 5	< 10	5	< 1	< 5	6.3	< 1	29	140	60	5.3	1.5	1300	18	0.03	34	190	< 1	< 5	11	< 10	110	92	37	< 10	5	48	5
POW 95X-203	< 1	1.8	10	< 10	5	< 1	< 5	6.4	< 1	40	92	82	7.2	1.9	1500	6	0.03	45	230	< 1	< 5	15	< 10	100	93	98	< 10	4	96	7
POW 95X-205	< 1	1.7	15	< 10	11	< 1	< 5	0.85	< 1	15	440	6	4.1	1.9	530	< 2	0.11	73	650	< 1	< 5	4	< 10	45	1600	50	< 10	10	78	1
POW 95X-206	< 1	1.2	15	< 10	15	< 1	< 5	0.52	< 1	17	96	5	6.3	1.1	430	< 2	0.08	36	320	< 1	< 5	5	< 10	20	2100	130	< 10	7	70	2
POW 95X-207	< 1	1.0	20	< 10	25	< 1	< 5	7.1	< 1	37	120	100	5.7	1.7	1600	4	0.03	44	250	< 1	< 5	19	< 10	110	230	57	< 10	10	39	7
POW 95X-1151	< 1	2.2	< 5	< 10	13	< 1	< 5	1.1	< 1	31	92	110	5.5	1.7	810	< 2	0.04	35	270	< 1	< 5	4	< 10	23	1700	120	< 10	6	79	< 1
POW 95X-1152	< 1	4.6	< 5	< 10	13	< 1	< 5	2.3	< 1	43	99	67	11	2.2	1400	2	0.04	86	230	< 1	< 5	29	< 10	26	150	290	< 10	3	110	13
POW 95X-1153	< 1	4.7	< 5	< 10	10	< 1	< 5	2.8	< 1	44	99	100	11	2.1	1400	4	0.02	83	240	< 1	< 5	32	< 10	33	96	270	< 10	4	110	15
POW 95X-1154	< 1	3.5	15	< 10	6	< 1	< 5	3.3	< 1	34	140	42	6.3	2.2	920	< 2	0.03	74	140	< 1	< 5	25	< 10	75	1100	130	< 10	6	67	10
POW 95X-1156	< 1	4.4	< 5	< 10	6	< 1	< 5	1.8	< 1	31	220	39	10	2.1	1100	< 2	0.03	68	640	< 1	< 5	19	< 10	22	1800	120	< 10	11	120	7
POW 95X-1157	< 1	1.1	< 5	< 10	18	< 1	< 5	6.0	< 1	30	120	85	5.5	2.0	1000	4	0.01	70	140	< 1	< 5	17	< 10	170	45	33	< 10	3	40	8
POW 95X-1158	< 1	0.78	< 5	< 10	40	< 1	< 5	5.0	< 1	27	92	57	4.8	1.5	1000	2	0.01	57	170	< 1	< 5	13	< 10	140	30	24	< 10	4	39	5
POW 95X-1159	< 1	0.53	< 5	< 10	540	< 1	< 5	3.9	< 1	17	110	19	4.5	1.1	1200	< 2	0.03	23	2300	1	< 5	9	< 10	170	73	26	< 10	11	52	2
POW 95X-1160	< 1	1.4	< 5	< 10	140	< 1	< 5	4.8	< 1	49	74	53	7.4	1.9	1100	4	0.01	47	1800	< 1	< 5	12	< 10	170	51	28	< 10	11	77	3
POW 95X-1161	< 1	0.79	< 5	< 10	170	< 1	< 5	4.8	< 1	23	270	120	4.2	2.0	860	< 2	0.03	100	700	< 1	< 5	10	< 10	170	25	32	< 10	6	64	9
POW 95X-1162	< 1	1.3	< 5	< 10	40	< 1	< 5	5.5	< 1	34	71	62	6.7	1.9	1300	< 2	0.03	69	170	< 1	< 5	15	< 10	150	20	41	< 10	3	59	6
POW 95X-1163	< 1	1.5	5	< 10	14	< 1	< 5	3.5	< 1	26	170	17	4.4	1.9	860	< 2	0.05	93	320	< 1	< 5	9	< 10	78	17	29	< 10	2	67	8
POW 95X-1164	< 1	1.4	< 5	< 10	26	< 1	< 5	0.68	< 1	12	220	5	3.1	0.61	170	< 2	0.07	20	400	< 1	< 5	2	< 10	21	16	12	< 10	4	97	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/95

SIGNED :

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

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M5590**
Page No. : 1 of 2
File No. : AG24MA
Date : AUG-25-1995

5W-3316-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
POW-95C-2013	< 1	4.0	10	< 10	15	< 1	< 5	6.7	< 1	35	85	99	9.3	1.7	2100	< 2	<0.01	70	200	< 1	< 5	21	< 10	85	55	140	< 10	5	120	15
POW-95C-2014	< 1	3.8	15	< 10	22	< 1	< 5	5.6	< 1	34	85	85	7.6	1.4	1400	< 2	<0.01	63	220	< 1	< 5	15	< 10	87	65	130	< 10	3	110	8
POW-95C-2015	< 1	3.9	< 5	< 10	12	< 1	< 5	6.4	< 1	30	69	74	9.5	1.7	2100	< 2	<0.01	54	190	< 1	< 5	21	< 10	74	57	140	< 10	4	110	14
POW-95C-2016	< 1	3.1	< 5	< 10	17	< 1	< 5	6.5	< 1	30	70	69	7.7	1.7	2000	< 2	0.01	57	180	< 1	< 5	17	< 10	63	43	120	< 10	5	94	8
POW-95C-2017	< 1	3.6	< 5	< 10	12	< 1	< 5	7.1	< 1	32	70	83	7.9	1.8	1500	< 2	0.01	66	200	< 1	< 5	19	< 10	73	65	130	< 10	5	110	8
POW-95C-2018	< 1	1.0	10	< 10	5	< 1	< 5	7.7	< 1	15	29	30	6.9	2.0	2100	< 2	0.01	37	52	< 1	< 5	8	< 10	65	18	41	< 10	7	64	5
POW-95C-2019	< 1	0.68	15	< 10	3	< 1	< 5	7.5	< 1	12	26	26	5.7	1.9	2000	< 2	0.01	27	40	< 1	< 5	6	< 10	79	8	32	< 10	8	50	9
POW-95C-2020	< 1	1.3	< 5	< 10	9	< 1	< 5	7.7	< 1	17	37	39	6.7	1.9	2000	< 2	0.01	42	98	< 1	< 5	10	< 10	79	22	49	< 10	7	72	5
POW-95C-2021	< 1	1.9	10	< 10	17	< 1	< 5	7.9	< 1	24	51	53	6.7	1.9	1600	< 2	0.01	51	140	< 1	< 5	11	< 10	78	23	67	< 10	6	75	5
POW-95C-2022	< 1	1.3	5	< 10	7	< 1	< 5	7.7	< 1	18	34	40	5.4	1.9	1600	< 2	0.01	39	110	< 1	< 5	9	< 10	85	15	47	< 10	6	55	5
POW-95C-2023	< 1	1.6	10	< 10	12	< 1	< 5	7.8	< 1	19	37	43	5.6	1.9	1700	< 2	0.02	42	100	< 1	< 5	9	< 10	80	27	54	< 10	6	63	7
POW-95C-2024	< 1	1.9	< 5	< 10	12	< 1	< 5	7.8	< 1	25	49	55	6.7	1.9	1600	< 2	0.02	56	130	< 1	< 5	11	< 10	84	23	68	< 10	6	74	6
POW-95C-2025	< 1	1.6	10	< 10	10	< 1	< 5	7.6	< 1	21	37	47	6.7	1.9	1700	< 2	0.01	48	120	< 1	< 5	10	< 10	98	16	55	< 10	7	69	3
POW-95C-2026	< 1	1.8	10	< 10	3	< 1	< 5	7.6	< 1	18	39	44	6.8	2.0	2000	< 2	<0.01	37	90	< 1	< 5	11	< 10	87	22	65	< 10	6	65	4
POW-95C-2027	< 1	3.0	< 5	< 10	7	< 1	< 5	8.0	< 1	29	56	64	7.2	1.9	1600	< 2	0.01	51	140	< 1	< 5	16	< 10	72	35	110	< 10	5	80	7
POW-95C-2028	< 1	4.3	< 5	< 10	2	< 1	< 5	7.0	< 1	31	73	70	8.9	1.9	1500	< 2	0.01	58	180	< 1	< 5	28	< 10	77	58	180	< 10	4	99	12
POW-95C-2029	< 1	4.1	< 5	< 10	36	< 1	< 5	3.1	< 1	38	110	88	7.7	1.9	1100	< 2	0.02	67	240	< 1	< 5	21	< 10	35	66	170	< 10	3	120	8
POW-95X-208	< 1	3.1	< 5	< 10	21	< 1	< 5	2.4	< 1	28	200	98	5.1	1.2	990	34	0.13	65	260	< 1	< 5	25	< 10	40	2800	220	< 10	9	130	16
POW-95X-209	< 1	4.7	< 5	< 10	16	< 1	< 5	2.1	< 1	36	110	96	7.7	2.0	1200	< 2	0.03	66	210	< 1	< 5	30	< 10	16	580	210	< 10	10	96	15
POW-95X-210	< 1	2.3	< 5	< 10	5	< 1	< 5	1.7	< 1	16	210	36	5.8	1.1	670	< 2	0.11	19	840	< 1	< 5	14	< 10	19	2400	82	< 10	32	73	11
POW-95X-211	< 1	4.1	< 5	< 10	14	< 1	< 5	2.7	< 1	36	58	55	11	1.8	1500	< 2	0.03	53	410	< 1	< 5	34	< 10	54	260	320	< 10	4	190	20
POW-95X-212	< 1	1.7	< 5	< 10	70	< 1	< 5	8.0	< 1	29	75	99	7.0	1.1	2200	< 2	0.02	35	240	< 1	< 5	9	< 10	130	42	120	< 10	8	76	3
POW-95X-213	< 1	1.2	10	< 10	30	< 1	< 5	2.6	< 1	15	130	51	5.1	0.64	760	2	0.05	10	770	< 1	< 5	6	< 10	43	19	24	< 10	7	64	4
POW-95X-214	< 1	0.82	40	< 10	10	< 1	< 5	1.8	< 1	47	110	60	19	0.84	1900	< 2	0.06	58	340	4	< 5	20	< 10	26	15	110	< 10	4	200	23
POW-95X-215	< 1	0.85	40	< 10	15	< 1	< 5	1.6	< 1	66	150	120	12	0.65	1400	< 2	0.08	88	490	< 1	< 5	19	< 10	29	16	120	< 10	5	170	12
POW-95X-216	< 1	0.95	40	< 10	9	< 1	< 5	2.0	< 1	40	91	76	19	0.83	1900	< 2	0.05	52	390	3	< 5	20	< 10	26	13	130	< 10	4	200	16
POW-95X-217	< 1	1.7	15	< 10	2	< 1	< 5	7.7	< 1	16	33	41	5.3	2.0	2000	< 2	0.02	31	96	< 1	< 5	12	< 10	71	22	63	< 10	5	60	7
POW-95X-218	< 1	2.5	< 5	< 10	18	< 1	< 5	4.5	< 1	37	97	73	8.8	1.4	1300	< 2	0.07	63	480	< 1	< 5	19	< 10	33	24	210	< 10	3	120	8
POW-95X-219	< 1	0.71	< 5	< 10	320	< 1	< 5	5.2	< 1	15	130	120	4.5	1.5	1200	< 2	0.02	51	1700	2	< 5	12	< 10	170	17	44	< 10	11	57	3
POW-95X-220	< 1	1.3	10	< 10	22	< 1	< 5	3.3	< 1	18	270	15	3.8	1.7	620	< 2	0.06	36	820	< 1	< 5	9	< 10	93	34	76	< 10	6	48	9
POW-95X-1165	< 1	1.1	65	< 10	36	< 1	< 5	1.5	< 1	130	1900	230	9.2	0.93	1500	26	0.12	4300	86	< 1	< 5	6	< 10	37	990	100	< 10	3	100	< 1
POW-95X-1166	< 1	2.3	< 5	< 10	6	< 1	< 5	1.3	< 1	30	250	100	4.9	1.5	800	< 2	0.19	77	140	< 1	< 5	14	< 10	15	1900	150	< 10	5	160	8
POW-95X-1167	< 1	1.8	< 5	< 10	18	< 1	< 5	1.8	< 1	18	190	92	3.7	1.3	700	< 2	0.14	49	150	< 1	< 5	8	< 10	29	1800	91	< 10	6	140	2
POW-95X-1168	< 1	1.9	< 5	< 10	12	< 1	< 5	1.0	< 1	28	60	79	7.8	1.1	780	< 2	0.07	24	400	< 1	< 5	8	< 10	23	4800	230	< 10	12	130	9
POW-95X-1169	< 1	3.0	< 5	< 10	20	< 1	< 5	2.7	< 1	32	69	71	11	1.4	1600	< 2	0.04	52	440	< 1	< 5	26	< 10	28	190	300	< 10	3	210	15

A .5 gr 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/95

SIGNED :

TSL/ASSAYE' Laboratories

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

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M5590**
Page No. : 2 of 2
File No. : AG24MA
Date : AUG-25-1995

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

5W-3316-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
POW-95X-1170	< 1	1.9	20	< 10	7	< 1	< 5	2.6	< 1	33	38	37	10	1.5	1200	< 2	0.07	34	560	< 1	< 5	23	< 10	51	210	290	< 10	4	120	16
POW-95X-1171	< 1	3.4	< 5	< 10	39	< 1	< 5	2.7	< 1	29	64	25	9.4	1.4	1200	< 2	0.03	53	420	< 1	< 5	19	< 10	49	120	240	< 10	3	130	8
POW-95X-1172	< 1	0.43	5	< 10	12	< 1	< 5	3.8	< 1	22	310	29	3.1	1.1	590	< 2	0.07	51	270	< 1	< 5	7	< 10	63	9	20	< 10	2	38	8
POW-95X-1174	< 1	1.9	< 5	< 10	38	< 1	< 5	3.0	< 1	24	330	21	4.6	1.8	990	< 2	0.07	210	290	< 1	< 5	5	< 10	55	22	27	< 10	3	100	13
POW-95X-1175	< 1	2.3	< 5	< 10	12	< 1	< 5	0.82	< 1	21	340	6	4.1	1.8	550	< 2	0.07	79	490	< 1	< 5	8	< 10	71	2300	69	< 10	5	90	13
POW-95X-1176	< 1	3.1	< 5	< 10	8	< 1	< 5	4.3	< 1	37	150	80	6.8	1.7	1100	< 2	0.03	76	330	< 1	< 5	26	< 10	33	120	240	< 10	7	120	11
POW-95X-1177	< 1	4.2	15	< 10	3	< 1	< 5	4.4	< 1	30	88	87	9.4	1.8	1700	< 2	0.02	65	210	< 1	< 5	28	< 10	54	78	200	< 10	3	96	13
POW-95X-1178	< 1	3.3	< 5	< 10	18	< 1	< 5	4.0	< 1	27	140	86	7.6	1.5	1100	< 2	0.02	41	270	< 1	< 5	13	< 10	32	56	110	< 10	4	95	6
POW-95X-1179	< 1	5.3	< 5	< 10	13	< 1	< 5	1.8	< 1	28	180	42	12	2.0	1400	< 2	0.02	73	530	< 1	< 5	27	< 10	29	110	190	< 10	3	170	18
POW-95X-1180	< 1	4.8	< 5	< 10	30	< 1	< 5	2.1	< 1	40	100	76	10	1.9	1700	< 2	0.02	87	230	< 1	< 5	20	< 10	17	86	180	< 10	3	120	6
POW-95X-1181	< 1	4.5	< 5	< 10	15	< 1	< 5	3.3	< 1	36	87	88	8.0	2.0	1400	< 2	0.04	72	190	< 1	< 5	33	< 10	21	120	210	< 10	4	89	14
POW-95X-1182	< 1	3.8	< 5	< 10	17	< 1	< 5	4.8	< 1	31	87	73	6.7	1.9	1400	< 2	0.04	68	190	< 1	< 5	28	< 10	16	180	210	< 10	9	83	13
POW-95X-1183	< 1	2.9	< 5	< 10	4	< 1	< 5	4.7	< 1	24	120	83	5.6	1.8	1200	< 2	0.05	72	270	< 1	< 5	21	< 10	44	3800	210	< 10	12	96	13
POW-95X-1184	< 1	1.4	< 5	< 10	21	< 1	< 5	1.2	< 1	18	190	34	6.9	0.82	570	< 2	0.19	19	990	< 1	< 5	11	< 10	24	1700	51	< 10	23	79	4
POW-95X-1185	< 1	1.4	20	< 10	10	< 1	< 5	3.0	< 1	24	300	41	7.9	1.2	710	78	0.03	16	620	28	< 5	14	< 10	77	3100	88	< 10	14	120	8
POW-95X-1186	< 1	0.27	< 5	< 10	4	< 1	< 5	0.19	< 1	25	780	10	3.2	0.33	200	16	0.03	23	220	50	< 5	6	< 10	12	1200	42	< 10	15	27	5
POW-95X-1187	< 1	0.92	50	< 10	< 1	< 1	< 5	5.1	< 1	23	380	40	6.9	0.79	580	24	0.04	16	530	26	< 5	12	< 10	160	3600	79	< 10	15	64	8
POW-95X-1188	13	1.3	10	< 10	11	< 1	< 5	2.3	< 1	24	380	2300	5.7	1.7	380	110	0.05	55	510	640	< 5	14	< 10	17	3000	120	< 10	16	79	17

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/95

SIGNED : Ravi Saad

APPENDIX B

Au and ICP Assay Certificates for Diamond Drill Hole POW9501 to POW9507

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

CAMECO CORPORATION
MIKE KOZIOL
#6-1349 KELLY LAKE ROAD
SUDBURY,ONTARIO
P3E 5P5

POW 9501-
01-45, 46-89
Au+ICP

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57284.0 (COMPLETE)

REFERENCE: -

CLIENT: CAMECO CORPORATION

SUBMITTED BY: MK

PROJECT: NONE

DATE PRINTED: 5-DEC-95

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	45	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
2	Ag	Silver	45	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
3	Cu	Copper	45	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
4	Pb	Lead	45	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
5	Zn	Zinc	45	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
6	Mo	Molybdenum	45	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
7	Ni	Nickel	45	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
8	Co	Cobalt	45	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
9	Cd	Cadmium	45	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
10	Bi	Bismuth	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
11	As	Arsenic	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
12	Sb	Antimony	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
13	Fe Tot	Total Iron	45	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
14	Mn	Manganese	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
15	Te	Tellurium	45	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
16	Ba	Barium	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
17	Cr	Chrome	45	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
18	V	Vanadium	45	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
19	Sn	Tin	45	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
20	W	Tungsten	45	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
21	La	Lanthanum	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
22	Al	Aluminum	45	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
23	Mg	Magnesium	45	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
24	Ca	Calcium	45	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
25	Na	Sodium	45	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
26	K	Potassium	45	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
27	Sr	Strontium	45	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
28	Y	Yttrium	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
29	Ga	Gallium	45	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
30	Li	Lithium	45	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
31	Nb	Niobium	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
32	Sc	Scandium	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
33	Ta	Tantalum	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
34	Ti	Titanium	45	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
35	Zr	Zirconium	45	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 5-DEC-95

REPORT: T95-57284.0 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
POW95D01-001		<5	<0.5	118	<2	87	4	60	33	<1	<5	<5	<5
POW95D01-002		<5	1.3	134	<2	78	4	60	38	<1	<5	<5	<5
POW95D01-003		<5	<0.5	106	<2	100	5	51	31	<1	6	<5	7
POW95D01-004		<5	<0.5	150	<2	75	6	64	34	<1	<5	<5	<5
POW95D01-005		<5	<0.5	112	<2	105	6	63	34	<1	8	<5	6
POW95D01-006		<5	<0.5	118	<2	104	5	62	33	<1	<5	<5	<5
POW95D01-007		<5	<0.5	104	<2	94	3	377	44	<1	6	<5	<5
POW95D01-008		<5	<0.5	49	39	300	9	956	70	<1	11	123	<5
POW95D01-009		<5	<0.5	19	47	64	3	44	10	<1	<5	<5	<5
POW95D01-010		<5	<0.5	15	38	56	2	25	8	<1	<5	<5	<5
POW95D01-011		<5	0.7	17	62	53	2	21	7	<1	<5	<5	<5
POW95D01-012		<5	<0.5	14	45	50	9	25	8	<1	<5	<5	<5
POW95D01-013		41	<0.5	50	29	120	3	150	27	<1	<5	<5	<5
POW95D01-014		<5	<0.5	47	<2	95	3	1097	68	<1	9	210	8
POW95D01-015		<5	<0.5	89	<2	137	8	2093	95	<1	12	2885	13
POW95D01-016		<5	<0.5	48	<2	246	3	800	57	<1	13	273	8
POW95D01-017		<5	<0.5	64	10	229	5	74	20	<1	<5	<5	<5
POW95D01-018		9	<0.5	46	6	151	8	58	14	<1	11	<5	<5
POW95D01-019		<5	<0.5	44	9	133	6	85	17	<1	17	36	<5
POW95D01-020		12	<0.5	130	17	586	8	158	31	<1	7	90	<5
POW95D01-021		18	0.8	152	28	832	6	220	36	<1	<5	104	<5
POW95D01-022		10	<0.5	121	13	646	6	608	59	<1	13	127	<5
POW95D01-023		<5	<0.5	79	<2	108	5	1196	81	<1	8	62	<5
POW95D01-024		<5	<0.5	67	<2	92	6	1218	92	<1	8	5	7
POW95D01-025		<5	<0.5	74	<2	92	8	1210	99	<1	10	<5	10
POW95D01-026		<5	<0.5	68	<2	96	4	1089	89	<1	<5	<5	<5
POW95D01-027		<5	<0.5	56	<2	71	3	1469	100	<1	8	337	12
POW95D01-028		<5	<0.5	61	<2	80	4	1032	81	<1	7	109	<5
POW95D01-029		<5	<0.5	66	<2	81	3	1104	81	<1	<5	16	<5
POW95D01-030		<5	<0.5	76	<2	89	5	997	94	<1	<5	32	8
POW95D01-031		<5	<0.5	36	<2	65	2	1183	68	<1	11	<5	8
POW95D01-032		<5	<0.5	56	<2	71	3	942	63	<1	10	<5	<5
POW95D01-033		<5	<0.5	43	<2	65	<1	945	62	<1	<5	<5	<5
POW95D01-034		<5	<0.5	45	<2	81	2	962	70	<1	<5	<5	<5
POW95D01-035		<5	<0.5	91	4	106	8	1084	76	<1	<5	16	<5
POW95D01-036		<5	<0.5	97	6	80	6	1151	117	<1	13	57	<5
POW95D01-037		<5	<0.5	89	<2	102	5	1030	90	<1	7	104	6
POW95D01-038		<5	<0.5	195	<2	176	7	1784	117	<1	<5	302	<5
POW95D01-039		<5	<0.5	287	<2	210	4	311	47	<1	<5	107	<5
POW95D01-040		<5	<0.5	26	<2	91	3	39	3	<1	15	<5	<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57284.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT
POW95D01-001		7.40	2028	<25	135	68	199	<20	<20	6	6.65	3.43	8.49
POW95D01-002		4.85	1221	<25	221	88	250	<20	<20	6	8.24	3.34	5.07
POW95D01-003		9.58	2464	<25	65	53	172	<20	<20	8	5.49	4.34	9.91
POW95D01-004		7.19	1827	<25	228	90	220	<20	<20	5	7.50	2.40	7.55
POW95D01-005		>10.00	2477	<25	159	55	199	<20	<20	5	6.65	3.63	7.60
POW95D01-006		8.85	2008	<25	116	63	211	<20	<20	6	7.10	3.95	6.41
POW95D01-007		6.63	2088	<25	66	559	162	<20	<20	5	5.88	4.51	8.85
POW95D01-008		6.49	1743	<25	15	1269	118	<20	<20	6	4.58	8.22	6.76
POW95D01-009		1.90	415	<25	1923	126	40	<20	<20	37	8.36	1.18	2.27
POW95D01-010		1.83	422	<25	1975	89	40	<20	<20	40	8.21	1.05	2.19
POW95D01-011		1.77	427	<25	1785	87	39	<20	<20	39	8.61	0.84	2.43
POW95D01-012		1.68	398	<25	1807	98	38	<20	<20	38	8.08	0.79	2.31
POW95D01-013		4.65	838	<25	475	347	103	<20	<20	28	7.11	4.89	3.94
POW95D01-014		6.35	1903	<25	15	1341	95	<20	<20	<5	3.20	8.15	7.05
POW95D01-015		>10.00	1803	<25	55	1735	159	<20	<20	<5	5.15	6.43	2.85
POW95D01-016		7.14	2030	<25	29	1124	106	<20	<20	6	4.49	7.40	5.33
POW95D01-017		6.92	1182	<25	401	108	81	20	<20	15	7.46	1.87	2.80
POW95D01-018		>10.00	1929	<25	211	110	44	21	<20	11	6.90	1.72	3.54
POW95D01-019		9.03	2058	<25	195	119	63	21	<20	13	6.73	1.95	4.78
POW95D01-020		4.52	888	<25	393	199	85	22	<20	17	7.27	1.78	2.94
POW95D01-021		4.96	1067	<25	402	262	73	<20	<20	18	7.20	1.67	2.78
POW95D01-022		6.96	1577	<25	299	971	116	<20	<20	10	5.99	3.35	2.96
POW95D01-023		9.25	3633	<25	87	2325	126	<20	<20	<5	4.07	2.83	3.74
POW95D01-024		7.49	2354	<25	123	2637	151	<20	<20	<5	4.82	2.83	3.13
POW95D01-025		6.90	2202	<25	159	2820	159	<20	<20	<5	5.09	3.23	2.61
POW95D01-026		7.74	3661	<25	151	2379	147	<20	<20	<5	4.44	2.71	3.68
POW95D01-027		5.95	2731	<25	141	2201	128	<20	<20	<5	4.08	3.26	6.08
POW95D01-028		6.16	2613	<25	147	2219	132	<20	<20	<5	4.19	3.57	5.68
POW95D01-029		7.03	2986	<25	193	2265	161	<20	<20	<5	4.85	2.93	5.83
POW95D01-030		7.53	2255	<25	136	2346	158	<20	<20	<5	5.17	3.12	4.44
POW95D01-031		5.99	1261	<25	12	1408	86	<20	<20	<5	2.91	9.29	6.78
POW95D01-032		6.24	1509	<25	11	1339	94	<20	<20	<5	3.04	8.79	8.27
POW95D01-033		5.92	1780	<25	16	1210	90	<20	<20	<5	2.95	8.22	9.25
POW95D01-034		6.25	1816	<25	14	1446	104	<20	<20	<5	3.42	8.59	7.33
POW95D01-035		>10.00	3438	<25	527	1987	210	22	<20	<5	6.71	2.97	2.75
POW95D01-036		7.07	2822	<25	387	1472	259	<20	<20	<5	8.93	1.41	1.85
POW95D01-037		>10.00	4217	<25	601	1455	216	21	<20	9	7.25	2.41	2.81
POW95D01-038		>10.00	2880	<25	258	2011	215	25	<20	9	7.11	2.09	1.17
POW95D01-039		7.03	218	<25	153	250	47	<20	<20	13	4.25	0.21	0.14
POW95D01-040		8.64	1933	<25	15	188	8	<20	<20	7	0.39	0.65	0.84

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 5-DEC-95

REPORT: T95-57284.0 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW95D01-001		1.44	0.36	59	13	<10	9	8	35	<5	0.38	28
POW95D01-002		2.26	1.29	58	13	<10	12	<5	39	<5	0.46	25
POW95D01-003		0.06	0.08	112	<5	<10	42	<5	28	<5	0.19	10
POW95D01-004		0.17	1.42	154	<5	<10	33	<5	34	<5	0.29	13
POW95D01-005		0.09	0.55	134	<5	<10	43	<5	32	<5	0.25	12
POW95D01-006		1.42	0.12	168	<5	<10	33	<5	34	<5	0.30	15
POW95D01-007		1.07	0.05	264	<5	<10	28	<5	27	<5	0.20	10
POW95D01-008		0.02	<0.01	461	5	<10	25	<5	18	<5	0.10	22
POW95D01-009		4.05	1.89	1341	9	16	9	7	5	<5	0.16	116
POW95D01-010		3.65	2.16	1112	9	13	8	6	<5	<5	0.17	115
POW95D01-011		4.13	1.88	1300	9	16	7	7	<5	<5	0.16	125
POW95D01-012		4.00	1.80	1307	9	16	8	7	<5	<5	0.16	117
POW95D01-013		2.41	0.42	657	9	13	30	5	14	<5	0.27	96
POW95D01-014		0.02	<0.01	333	<5	<10	12	<5	15	<5	0.06	6
POW95D01-015		0.02	0.04	110	<5	<10	15	<5	28	<5	0.21	5
POW95D01-016		0.06	0.02	228	5	<10	26	<5	17	<5	0.11	26
POW95D01-017		0.93	1.62	104	12	11	22	5	15	<5	0.32	97
POW95D01-018		0.41	1.15	125	8	<10	23	<5	11	<5	0.16	60
POW95D01-019		1.53	0.77	224	10	<10	23	<5	10	<5	0.19	78
POW95D01-020		1.80	1.44	170	10	16	22	<5	12	<5	0.23	97
POW95D01-021		1.24	1.83	157	9	11	20	<5	11	<5	0.16	89
POW95D01-022		0.62	1.24	121	7	<10	41	<5	18	<5	0.12	50
POW95D01-023		0.11	0.19	128	<5	<10	24	<5	22	<5	0.13	9
POW95D01-024		0.64	0.28	129	<5	<10	29	<5	24	<5	0.17	9
POW95D01-025		0.85	0.32	129	<5	<10	34	<5	26	<5	0.15	9
POW95D01-026		0.63	0.32	173	<5	<10	25	<5	25	<5	0.16	10
POW95D01-027		0.54	0.66	133	<5	<10	39	<5	21	<5	0.08	6
POW95D01-028		0.46	0.86	125	<5	<10	40	<5	23	<5	0.07	7
POW95D01-029		0.12	1.23	105	<5	<10	53	<5	25	<5	0.13	8
POW95D01-030		0.55	0.76	97	<5	<10	56	<5	24	<5	0.16	5
POW95D01-031		0.06	0.01	211	<5	<10	25	<5	14	<5	0.04	6
POW95D01-032		0.02	0.01	225	<5	<10	24	<5	15	<5	0.06	<5
POW95D01-033		0.02	0.02	216	<5	<10	24	<5	14	<5	0.07	<5
POW95D01-034		0.05	0.02	200	<5	<10	29	<5	16	<5	0.05	<5
POW95D01-035		1.05	0.81	97	<5	<10	51	<5	34	<5	0.35	14
POW95D01-036		3.12	1.40	75	<5	<10	51	<5	37	<5	0.48	19
POW95D01-037		1.73	1.17	61	5	<10	61	<5	32	<5	0.37	36
POW95D01-038		0.42	1.38	26	<5	<10	59	<5	34	<5	0.34	18
POW95D01-039		0.93	1.29	36	5	11	23	<5	8	<5	0.11	51
POW95D01-040		0.02	0.04	14	<5	<10	2	<5	<5	<5	0.01	6

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

DATE PRINTED: 5-DEC-95

REPORT: T95-57284.0 (COMPLETE) PROJECT: NONE PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
POW95D01-041		<5	<0.5	40	<2	97	3	44	7	<1	8	23	<5
POW95D01-042		8	<0.5	107	<2	258	3	50	17	<1	<5	8	<5
POW95D01-043		<5	<0.5	81	<2	277	6	41	12	<1	8	<5	6
POW95D01-044		22	0.7	210	32	1503	5	133	38	3	12	227	<5
POW95D01-045		8	1.0	131	33	377	6	120	30	<1	8	201	<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 5-DEC-95

REPORT: T95-57284.0 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT
POW95D01-041		6.68	1509	<25	30	229	10	<20	<20	7	0.74	0.43	0.91
POW95D01-042		6.21	746	<25	32	232	12	<20	<20	6	1.05	0.31	0.40
POW95D01-043		7.31	1273	<25	42	244	17	<20	<20	8	1.49	0.43	0.71
POW95D01-044		5.58	202	<25	156	209	43	<20	<20	13	3.98	0.15	0.93
POW95D01-045		8.56	360	<25	132	196	41	20	<20	12	3.88	0.18	0.39

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57284.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW95D01-041		0.17	0.15	21	<5	<10	4	<5	<5	<5	0.02	10
POW95D01-042		0.28	0.11	19	<5	<10	5	<5	<5	<5	0.02	14
POW95D01-043		0.53	0.23	28	<5	<10	4	<5	<5	<5	0.03	21
POW95D01-044		0.98	1.16	48	<5	<10	16	<5	5	<5	0.07	49
POW95D01-045		0.95	1.08	51	<5	<10	16	<5	<5	<5	0.08	48

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 5-DEC-95

REPORT: T95-57285.0 (COMPLETE) PROJECT: NONE PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
POW95D01-046		<5	<0.5	109	44	422	2	92	22	<1	6	91	<5
POW95D01-047		<5	<0.5	36	<2	84	1	33	4	<1	7	<5	<5
POW95D01-048		7	0.6	80	<2	319	3	46	13	<1	7	19	<5
POW95D01-049		<5	<0.5	119	9	426	1	122	24	<1	<5	149	<5
POW95D01-050		7	<0.5	71	<2	446	1	287	25	<1	<5	335	<5
POW95D01-051		<5	0.8	78	<2	384	6	124	15	1	14	115	5
POW95D01-052		10	0.6	49	<2	100	5	151	7	<1	9	6	<5
POW95D01-053		<5	<0.5	20	<2	64	3	204	6	<1	6	217	<5
POW95D01-054		<5	<0.5	79	<2	359	3	166	24	<1	<5	271	<5
POW95D01-055		<5	<0.5	65	<2	184	2	76	8	<1	<5	<5	<5
POW95D01-056		<5	<0.5	71	<2	60	<1	488	34	<1	6	181	<5
POW95D01-057		9	<0.5	137	<2	258	<1	106	31	<1	6	48	<5
POW95D01-058		17	0.9	276	21	1698	4	110	52	5	<5	119	11
POW95D01-059		18	0.9	196	36	841	5	185	47	2	<5	202	11
POW95D01-060		<5	<0.5	34	<2	199	2	59	5	1	5	<5	<5
POW95D01-061		<5	<0.5	37	<2	46	2	270	18	<1	6	234	<5
POW95D01-062		<5	1.3	57	38	28	8	277	24	<1	<5	344	16
POW95D01-063		<5	<0.5	17	<2	28	<1	132	3	<1	<5	69	<5
POW95D01-064		<5	0.6	85	<2	214	<1	156	22	<1	<5	116	<5
POW95D01-065		<5	<0.5	11	<2	19	<1	76	4	<1	<5	<5	<5
POW95D01-066		<5	<0.5	19	<2	28	2	113	4	<1	<5	12	<5
POW95D01-067		<5	<0.5	64	<2	74	4	711	77	<1	6	1052	8
POW95D01-068		<5	0.6	43	<2	97	12	544	34	<1	26	427	7
POW95D01-069		<5	<0.5	30	<2	93	10	453	6	<1	24	308	<5
POW95D01-070		<5	0.8	24	<2	126	14	589	5	<1	27	482	5
POW95D01-071		<5	0.8	27	<2	112	11	392	10	<1	17	203	5
POW95D01-072		53	1.4	195	<2	4910	16	878	107	17	9	363	6
POW95D01-073		<5	<0.5	71	<2	102	4	936	85	<1	<5	111	6
POW95D01-074		<5	<0.5	45	<2	56	<1	729	55	<1	<5	<5	<5
POW95D01-075		<5	<0.5	61	<2	75	4	791	67	<1	8	110	<5
POW95D01-076		<5	<0.5	97	12	73	4	777	78	<1	<5	371	<5
POW95D01-077		<5	<0.5	82	4	58	2	789	76	<1	<5	193	<5
POW95D01-078		<5	0.5	116	8	67	9	562	60	<1	<5	148	<5
POW95D01-079		<5	<0.5	104	<2	58	7	576	63	<1	13	161	<5
POW95D01-080		<5	<0.5	82	3	63	5	896	108	<1	6	333	6
POW95D01-081		<5	<0.5	67	<2	61	3	786	81	<1	<5	312	<5
POW95D01-082		<5	<0.5	97	34	101	6	599	60	<1	<5	146	<5
POW95D01-083		<5	<0.5	73	7	82	5	632	63	<1	<5	137	<5
POW95D01-084		<5	<0.5	68	<2	69	5	696	62	<1	8	81	6
POW95D01-085		<5	<0.5	75	<2	87	4	815	75	<1	8	145	<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57285.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT
POW95D01-046		5.57	719	<25	152	231	27	<20	<20	10	2.73	0.21	0.56
POW95D01-047		5.09	1001	<25	21	249	8	<20	<20	5	0.46	0.30	0.50
POW95D01-048		8.33	1149	<25	56	198	18	<20	<20	8	1.52	0.43	0.77
POW95D01-049		2.84	426	<25	211	220	49	<20	<20	13	4.23	0.21	0.69
POW95D01-050		3.22	453	<25	84	466	27	<20	<20	<5	1.38	0.13	0.65
POW95D01-051		>10.00	2030	<25	42	249	6	<20	<20	7	0.56	0.39	0.39
POW95D01-052		>10.00	1925	<25	29	311	7	<20	<20	6	0.46	0.47	0.35
POW95D01-053		4.89	1061	<25	13	281	4	<20	<20	<5	0.21	0.20	0.11
POW95D01-054		5.89	978	<25	59	293	8	<20	<20	6	0.45	0.22	0.23
POW95D01-055		3.98	544	<25	16	292	9	<20	<20	<5	0.58	0.18	0.38
POW95D01-056		1.41	84	<25	131	626	49	<20	<20	<5	1.91	0.06	0.13
POW95D01-057		3.01	114	<25	42	320	10	<20	<20	<5	0.94	0.04	0.07
POW95D01-058		3.49	54	<25	68	306	17	<20	<20	7	1.62	0.02	0.06
POW95D01-059		7.67	135	<25	76	290	14	<20	<20	8	1.34	0.04	0.07
POW95D01-060		6.17	1615	<25	17	296	8	<20	<20	<5	0.23	0.33	0.11
POW95D01-061		6.12	1525	<25	61	460	24	<20	<20	7	0.90	0.36	0.21
POW95D01-062		>10.00	284	<25	44	301	4	<20	<20	6	0.35	0.06	0.09
POW95D01-063		0.86	184	<25	30	328	2	<20	<20	<5	0.09	0.01	0.08
POW95D01-064		2.38	437	<25	60	354	11	<20	<20	<5	0.91	0.07	0.21
POW95D01-065		1.79	474	<25	35	340	3	<20	<20	<5	0.13	0.05	0.11
POW95D01-066		7.01	2480	<25	23	301	7	<20	<20	<5	0.19	0.55	0.67
POW95D01-067		>10.00	2034	<25	249	1786	94	<20	<20	6	3.47	0.92	0.57
POW95D01-068		>10.00	3794	<25	113	976	53	29	<20	8	2.04	1.50	0.42
POW95D01-069		>10.00	3774	<25	26	264	8	<20	<20	6	0.40	1.51	0.46
POW95D01-070		>10.00	5487	<25	21	179	9	26	<20	<5	0.26	2.29	0.55
POW95D01-071		>10.00	4043	<25	42	288	14	26	<20	6	0.78	1.70	0.45
POW95D01-072		>10.00	6244	<25	75	454	44	27	<20	10	1.26	1.35	2.11
POW95D01-073		8.76	2810	<25	189	2526	161	<20	<20	6	4.99	4.03	3.48
POW95D01-074		6.21	1855	<25	16	1451	101	<20	<20	5	3.32	6.67	6.16
POW95D01-075		7.79	2083	<25	305	1598	132	20	<20	7	4.48	6.57	6.33
POW95D01-076		6.72	1493	<25	478	1302	238	<20	<20	7	8.85	2.18	3.11
POW95D01-077		6.03	1697	<25	379	1540	243	<20	<20	5	7.58	2.07	1.82
POW95D01-078		>10.00	1125	<25	356	764	300	22	<20	8	9.77	1.98	0.62
POW95D01-079		9.18	1300	<25	333	950	304	<20	21	7	9.36	2.06	1.04
POW95D01-080		8.80	2212	<25	237	1375	232	<20	<20	7	7.98	2.18	1.71
POW95D01-081		6.30	1544	<25	286	1773	223	<20	<20	5	7.24	2.09	1.54
POW95D01-082		7.33	1540	<25	233	873	276	<20	<20	6	8.25	2.07	1.36
POW95D01-083		7.96	2350	<25	156	1042	206	<20	<20	7	6.74	2.99	2.82
POW95D01-084		7.85	2820	<25	81	1169	170	<20	<20	7	5.84	3.33	3.41
POW95D01-085		7.65	2736	<25	115	1734	187	<20	<20	7	6.15	2.84	3.37

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 5-DEC-95

REPORT: T95-57285.0 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW95D01-046		1.16	0.47	53	<5	<10	7	<5	<5	<5	0.08	44
POW95D01-047		0.02	0.05	16	<5	<10	3	<5	<5	<5	0.01	10
POW95D01-048		0.28	0.33	35	<5	<10	7	<5	<5	<5	0.03	25
POW95D01-049		0.81	1.27	65	<5	<10	13	<5	<5	<5	0.09	70
POW95D01-050		0.20	0.43	31	<5	<10	7	<5	<5	<5	0.03	16
POW95D01-051		0.06	0.10	16	<5	<10	4	<5	<5	<5	0.01	14
POW95D01-052		0.02	0.05	13	<5	<10	4	<5	<5	<5	<0.01	7
POW95D01-053		0.01	0.01	5	<5	<10	2	<5	<5	<5	<0.01	7
POW95D01-054		0.02	0.09	12	<5	<10	3	<5	<5	<5	0.01	12
POW95D01-055		0.04	0.01	16	<5	<10	7	<5	<5	<5	0.01	11
POW95D01-056		0.12	0.77	22	<5	<10	7	<5	<5	<5	0.05	28
POW95D01-057		0.38	0.13	21	<5	<10	3	<5	<5	<5	0.02	22
POW95D01-058		0.80	0.22	39	<5	<10	4	<5	<5	<5	0.03	31
POW95D01-059		0.50	0.28	32	<5	<10	5	<5	<5	<5	0.02	32
POW95D01-060		0.02	0.02	6	<5	<10	<2	<5	<5	<5	<0.01	8
POW95D01-061		0.04	0.24	15	<5	<10	6	<5	<5	<5	0.03	12
POW95D01-062		0.04	0.09	8	<5	<10	3	<5	<5	<5	<0.01	11
POW95D01-063		0.03	0.02	6	<5	<10	<2	<5	<5	<5	<0.01	<6
POW95D01-064		0.25	0.23	26	<5	<10	4	<5	<5	<5	0.02	17
POW95D01-065		0.03	0.02	6	<5	<10	<2	<5	<5	<5	<0.01	7
POW95D01-066		0.02	0.01	17	<5	<10	<2	<5	<5	<5	<0.01	8
POW95D01-067		0.08	1.09	37	<5	<10	22	<5	8	<5	0.15	17
POW95D01-068		0.04	0.48	18	<5	<10	13	<5	8	<5	0.10	17
POW95D01-069		0.02	0.01	15	<5	<10	3	<5	<5	<5	0.01	8
POW95D01-070		0.02	0.02	12	<5	<10	3	<5	<5	<5	<0.01	6
POW95D01-071		0.04	0.16	9	<5	<10	6	<5	<5	<5	0.02	10
POW95D01-072		0.06	0.21	47	5	<10	9	<5	17	7	0.03	18
POW95D01-073		0.35	0.61	144	<5	<10	64	<5	23	<5	0.06	<6
POW95D01-074		0.03	<0.01	251	<5	<10	35	<5	16	<5	0.03	13
POW95D01-075		0.37	0.22	193	<5	<10	60	<5	20	<5	0.04	29
POW95D01-076		0.93	1.71	96	<5	<10	84	<5	34	<5	0.15	23
POW95D01-077		0.78	1.56	68	<5	<10	74	<5	35	<5	0.15	13
POW95D01-078		2.52	1.15	72	<5	11	83	<5	45	<5	0.17	20
POW95D01-079		2.66	1.09	74	<5	<10	80	<5	46	<5	0.17	19
POW95D01-080		1.95	0.94	72	<5	<10	73	<5	34	<5	0.16	12
POW95D01-081		0.58	1.61	61	<5	<10	79	<5	33	<5	0.12	10
POW95D01-082		1.53	1.68	67	<5	<10	86	<5	37	<5	0.18	13
POW95D01-083		0.70	1.05	53	<5	<10	97	<5	31	<5	0.14	7
POW95D01-084		1.09	0.51	51	<5	<10	90	<5	26	<5	0.13	8
POW95D01-085		0.90	0.79	57	<5	<10	90	<5	29	<5	0.13	7

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57285.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
POW95D01-086		16	1.1	138	11	918	15	1301	61	3	10	165	<5
POW95D01-087		<5	<0.5	43	5	148	3	392	34	<1	<5	68	<5
POW95D01-088		<5	<0.5	16	<2	76	6	1000	67	<1	5	60	7
POW95D01-089		<5	<0.5	64	<2	75	3	1093	75	<1	6	42	<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57285.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT
POW95D01-086		>10.00	1285	<25	28	1253	87	34	<20	11	3.87	2.27	0.12
POW95D01-087		5.90	1345	<25	59	571	89	<20	<20	23	6.01	5.61	2.75
POW95D01-088		6.42	1986	<25	15	1567	89	<20	<20	6	2.83	9.09	8.32
POW95D01-089		6.86	1166	<25	7	1562	106	<20	<20	<5	3.27	>10.00	4.74

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57285.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW95D01-086		0.44	0.06	23	7	<10	33	<5	15	<5	0.10	47
POW95D01-087		2.26	0.04	101	10	<10	36	<5	12	<5	0.17	89
POW95D01-088		0.03	<0.01	123	<5	<10	22	<5	14	<5	0.06	7
POW95D01-089		0.03	<0.01	66	<5	<10	27	<5	17	<5	0.03	6

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

CAMECO CORPORATION
MIKE KOZIOL
#6-1349 KELLY LAKE ROAD
SUDBURY,ONTARIO
P3E 5P5

POW 9502
01-33
(Total of 34)

Au + ICP

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57286.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
POW95D02-001		<5	1.0	105	7	102	5	59	50	<1	<5	41	<5
POW95D02-002		<5	0.7	107	8	103	7	56	49	<1	8	51	<5
POW95D02-003		<5	<0.5	124	3	91	5	52	46	<1	<5	48	<5
POW95D02-004		<5	<0.5	60	6	119	4	770	78	<1	<5	28	<5
POW95D02-005		<5	<0.5	44	2	124	4	620	79	<1	<5	62	<5
POW95D02-006		<5	<0.5	81	<2	138	4	676	107	<1	7	14	6
POW95D02-007		<5	<0.5	77	5	92	5	970	121	<1	11	50	<5
POW95D02-008		<5	<0.5	74	6	91	2	1256	129	<1	<5	37	<5
POW95D02-009		<5	0.5	78	2	118	5	954	101	<1	7	22	<5
POW95D02-010		6	<0.5	71	7	112	3	1025	112	<1	<5	15	<5
POW95D02-011		<5	<0.5	57	<2	74	2	652	104	<1	10	21	<5
POW95D02-012		<5	<0.5	67	<2	82	2	697	105	<1	5	36	<5
POW95D02-013		<5	<0.5	44	<2	76	2	757	89	<1	<5	<5	<5
POW95D02-014		<5	<0.5	47	<2	83	2	908	111	<1	<5	<5	<5
POW95D02-015		<5	<0.5	47	<2	80	3	747	101	<1	<5	22	<5
POW95D02-016		<5	<0.5	62	<2	73	4	943	99	<1	10	11	8
POW95D02-017		<5	<0.5	50	<2	73	3	915	103	<1	8	31	<5
POW95D02-018		<5	<0.5	56	<2	85	5	867	112	<1	13	72	<5
POW95D02-019		<5	<0.5	104	<2	112	9	1333	153	<1	5	107	<5
POW95D02-020		<5	<0.5	44	<2	67	5	826	85	<1	7	18	9
POW95D02-021		<5	<0.5	54	<2	72	3	876	96	<1	<5	16	<5
POW95D02-022		<5	<0.5	44	<2	66	3	935	90	<1	15	13	9
POW95D02-023		7	<0.5	61	<2	73	4	833	98	<1	<5	68	7
POW95D02-024		<5	<0.5	31	<2	69	3	951	92	<1	11	50	<5
POW95D02-025		<5	<0.5	67	2	87	7	1022	133	<1	<5	79	<5
POW95D02-026		<5	<0.5	68	4	82	4	823	118	<1	<5	55	<5
POW95D02-027		<5	<0.5	69	<2	85	6	922	136	<1	<5	65	<5
POW95D02-028-A		<5	<0.5	74	4	89	7	1027	147	<1	14	57	<5
POW95D02-028-B		<5	<0.5	58	<2	74	5	660	91	<1	15	21	8
POW95D02-030		<5	<0.5	35	<2	79	3	721	95	<1	16	9	<5
POW95D02-031		<5	<0.5	55	3	90	5	772	115	<1	<5	65	<5
POW95D02-032		<5	<0.5	75	<2	81	4	626	92	<1	5	36	<5
POW95D02-033		<5	<0.5	73	<2	103	7	1305	159	<1	<5	148	<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57286.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT
POW95D02-001		7.86	2157	<25	113	78	274	<20	<20	8	8.49	4.76	1.47
POW95D02-002		8.10	2463	<25	124	88	299	23	<20	8	8.80	4.85	1.23
POW95D02-003		6.77	2122	<25	57	66	255	<20	<20	9	7.40	4.01	7.74
POW95D02-004		4.60	2629	<25	123	1385	134	<20	<20	13	4.88	5.49	>10.00
POW95D02-005		6.02	2430	<25	89	1099	142	<20	<20	14	6.24	6.05	7.47
POW95D02-006		6.94	3797	<25	30	2022	164	<20	<20	7	4.64	3.72	5.43
POW95D02-007		6.82	3045	<25	31	2351	183	<20	<20	7	5.12	3.87	4.84
POW95D02-008		5.25	2034	<25	47	2244	188	<20	<20	6	5.41	4.39	4.44
POW95D02-009		8.00	4242	<25	222	1903	156	<20	<20	8	4.38	3.96	6.59
POW95D02-010		5.81	3307	<25	45	2200	167	<20	<20	7	4.75	3.57	8.39
POW95D02-011		4.94	2482	<25	26	1774	146	<20	<20	6	4.13	4.19	7.68
POW95D02-012		5.24	2086	<25	39	2157	167	<20	<20	6	4.61	4.71	5.47
POW95D02-013		6.34	3128	<25	40	1525	118	<20	<20	7	3.35	5.63	9.87
POW95D02-014		5.95	2172	<25	51	1713	127	<20	<20	7	3.84	6.00	7.65
POW95D02-015		5.43	2237	<25	26	1863	143	<20	<20	7	4.07	5.57	8.90
POW95D02-016		5.82	1442	<25	16	1609	129	<20	<20	6	3.84	>10.00	6.22
POW95D02-017		6.10	2166	<25	14	1497	124	<20	<20	6	3.62	9.61	6.43
POW95D02-018		6.90	2002	<25	17	1807	153	<20	<20	6	4.54	7.86	4.86
POW95D02-019		>10.00	4587	<25	132	2272	167	28	<20	8	4.50	4.87	3.77
POW95D02-020		5.40	1538	<25	23	1315	109	<20	<20	5	3.34	>10.00	6.39
POW95D02-021		5.94	1341	<25	8	1561	130	<20	<20	5	3.82	>10.00	4.87
POW95D02-022		5.23	1576	<25	9	1368	102	<20	<20	<5	2.97	>10.00	6.47
POW95D02-023		6.38	2766	<25	54	1580	123	<20	<20	6	3.65	6.96	7.19
POW95D02-024		5.69	2194	<25	9	1501	109	<20	<20	6	3.16	9.94	7.47
POW95D02-025		9.11	3348	<25	74	2285	173	24	<20	7	4.77	4.36	3.45
POW95D02-026		6.89	2423	<25	64	2133	167	<20	<20	6	5.27	5.12	5.30
POW95D02-027		7.91	3392	<25	160	2467	192	<20	<20	6	5.22	3.24	2.57
POW95D02-028-A		8.62	3586	<25	93	2714	195	25	<20	7	5.67	2.55	2.49
POW95D02-028-B		6.23	1331	<25	16	1600	146	<20	<20	6	4.20	9.83	5.32
POW95D02-030		6.52	1505	<25	24	1576	145	23	<20	6	4.24	>10.00	5.43
POW95D02-031		6.88	1770	<25	28	2052	171	<20	<20	6	5.17	7.16	5.08
POW95D02-032		6.74	2020	<25	21	1475	145	<20	<20	6	4.23	7.39	7.41
POW95D02-033		>10.00	4435	<25	273	2994	240	21	<20	7	6.09	3.50	2.18

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57286.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW95D02-001		1.58	0.37	61	15	<10	19	12	38	<5	0.48	38
POW95D02-002		1.49	0.37	59	16	<10	19	6	38	<5	0.50	33
POW95D02-003		1.14	0.19	92	14	<10	17	<5	35	<5	0.39	29
POW95D02-004		0.26	0.15	606	6	<10	30	<5	17	6	0.19	36
POW95D02-005		0.14	0.31	354	8	<10	48	<5	18	<5	0.15	60
POW95D02-006		0.59	0.04	210	6	<10	26	<5	22	<5	0.16	8
POW95D02-007		0.74	0.06	137	5	<10	25	<5	25	<5	0.20	12
POW95D02-008		1.10	0.10	87	<5	<10	35	<5	25	<5	0.18	13
POW95D02-009		0.45	0.16	113	7	<10	23	<5	22	<5	0.19	11
POW95D02-010		0.85	0.11	103	6	<10	25	<5	22	<5	0.19	13
POW95D02-011		0.53	0.09	108	5	<10	28	<5	20	<5	0.17	11
POW95D02-012		0.63	0.10	66	<5	<10	37	<5	22	6	0.18	10
POW95D02-013		0.24	0.16	94	6	<10	20	<5	17	<5	0.14	8
POW95D02-014		0.44	0.34	71	<5	<10	22	<5	18	<5	0.17	7
POW95D02-015		0.40	0.15	71	<5	<10	25	<5	20	9	0.17	7
POW95D02-016		0.32	0.06	112	<5	<10	33	<5	17	<5	0.06	8
POW95D02-017		0.14	0.04	78	<5	<10	32	<5	17	<5	0.09	<5
POW95D02-018		0.39	0.05	68	<5	<10	32	<5	20	<5	0.14	7
POW95D02-019		0.65	0.67	61	<5	<10	17	<5	25	<5	0.20	8
POW95D02-020		0.37	0.09	114	<5	<10	31	<5	14	<5	0.03	11
POW95D02-021		0.25	0.02	61	<5	<10	31	<5	17	<5	0.05	<5
POW95D02-022		0.11	<0.01	74	<5	<10	26	<5	14	<5	0.02	<5
POW95D02-023		0.60	0.17	86	<5	<10	22	<5	18	<5	0.12	<5
POW95D02-024		0.03	<0.01	96	<5	<10	27	<5	15	<5	0.06	<5
POW95D02-025		0.74	0.18	46	<5	<10	26	<5	25	<5	0.20	8
POW95D02-026		0.85	0.35	46	<5	<10	62	<5	22	<5	0.09	<5
POW95D02-027		0.93	0.78	32	<5	<10	58	<5	28	<5	0.23	9
POW95D02-028-A		1.44	0.72	32	<5	<10	50	<5	27	<5	0.25	7
POW95D02-028-B		0.37	0.04	95	<5	<10	31	<5	19	<5	0.08	<5
POW95D02-030		0.37	0.11	98	<5	<10	35	<5	19	<5	0.07	9
POW95D02-031		0.71	0.06	83	<5	<10	38	<5	22	<5	0.18	7
POW95D02-032		0.42	0.05	119	<5	<10	31	<5	19	<5	0.14	<5
POW95D02-033		0.55	0.94	37	<5	<10	72	<5	30	<5	0.27	12

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

CAMECO CORPORATION
MIKE KOZIOL
#6-1349 KELLY LAKE ROAD
SUDBURY,ONTARIO
P3E 5P5

POW9503

01 - 19, 20-54

Au+ICP

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57287.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
POW95D03-001		<5	0.7	72	<2	90	3	1346	154	<1	<5	81	<5
POW95D03-002		<5	0.7	91	2	69	3	970	115	<1	<5	<5	<5
POW95D03-003		<5	<0.5	41	<2	64	1	1371	91	<1	7	<5	<5
POW95D03-004		<5	<0.5	49	<2	58	3	1232	87	<1	6	<5	7
POW95D03-005		<5	1.1	39	<2	147	8	1014	105	<1	6	304	<5
POW95D03-006		<5	1.1	58	<2	95	6	127	10	1	13	<5	<5
POW95D03-007		<5	1.2	107	<2	96	6	176	19	<1	8	<5	<5
POW95D03-008		<5	1.1	32	<2	93	8	275	14	<1	16	<5	<5
POW95D03-009		<5	0.9	54	<2	70	7	103	8	2	13	<5	9
POW95D03-010		<5	1.2	125	<2	189	7	1079	122	<1	7	254	<5
POW95D03-011		<5	<0.5	84	<2	92	6	1577	148	<1	7	172	<5
POW95D03-012		<5	0.8	77	<2	106	9	1738	139	<1	10	107	<5
POW95D03-013		<5	<0.5	44	<2	55	<1	904	80	<1	<5	<5	<5
POW95D03-014		<5	5.3	49	<2	69	2	1101	90	<1	<5	<5	<5
POW95D03-015		<5	17.4	155	<2	243	6	1228	99	<1	9	7	<5
POW95D03-016		<5	<0.5	42	<2	69	2	930	88	<1	<5	<5	<5
POW95D03-017		<5	0.5	50	<2	78	1	841	90	<1	10	56	<5
POW95D03-018		<5	<0.5	57	<2	67	1	1050	90	<1	<5	<5	7
POW95D03-019		<5	<0.5	40	<2	67	2	1054	86	<1	<5	<5	<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

REPORT: T95-57287.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT
POW95D03-001		7.96	2807	<25	209	2707	195	20	<20	<5	5.39	2.88	2.18
POW95D03-002		6.71	1763	<25	188	2354	182	<20	<20	<5	5.79	4.52	3.97
POW95D03-003		6.31	1332	<25	7	1360	92	<20	<20	<5	2.83	9.88	3.56
POW95D03-004		7.07	2051	<25	29	1259	88	<20	<20	<5	2.79	7.68	5.79
POW95D03-005		>10.00	3569	<25	36	1677	106	25	<20	<5	3.49	1.56	0.54
POW95D03-006		>10.00	2845	<25	23	291	15	<20	<20	<5	0.64	0.78	0.30
POW95D03-007		>10.00	3132	<25	20	250	11	<20	<20	<5	0.40	0.83	0.27
POW95D03-008		>10.00	4626	<25	24	250	24	<20	<20	<5	0.52	1.36	0.63
POW95D03-009		9.88	2481	<25	25	254	10	<20	<20	<5	0.49	0.63	0.28
POW95D03-010		>10.00	3818	<25	68	1388	138	21	<20	<5	4.55	1.42	1.03
POW95D03-011		>10.00	6289	<25	116	2427	175	<20	<20	6	5.74	2.07	2.64
POW95D03-012		>10.00	6249	<25	66	2402	175	<20	<20	<5	5.09	2.19	2.15
POW95D03-013		6.63	3058	<25	29	1443	73	<20	<20	7	2.61	5.01	7.16
POW95D03-014		7.40	2744	<25	30	1547	94	<20	<20	6	2.73	4.74	6.03
POW95D03-015		9.47	2493	<25	52	1953	116	24	77	6	3.49	5.68	3.43
POW95D03-016		6.47	2255	<25	16	1929	118	<20	<20	6	3.89	6.44	6.12
POW95D03-017		7.59	2494	<25	60	1907	141	<20	<20	6	4.77	4.72	5.90
POW95D03-018		6.51	1744	<25	12	1810	116	<20	<20	6	3.77	8.11	5.74
POW95D03-019		5.86	1484	<25	13	1735	106	<20	<20	7	3.36	8.31	8.22

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: T95-57287.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW95D03-001		1.07	0.41	53	<5	<10	55	<5	27	<5	0.26	14
POW95D03-002		1.47	0.30	98	<5	<10	47	<5	25	<5	0.25	9
POW95D03-003		0.04	0.02	102	<5	<10	23	<5	15	<5	0.03	<5
POW95D03-004		0.06	0.22	152	<5	<10	21	<5	15	<5	0.10	<5
POW95D03-005		0.35	0.10	20	5	<10	24	<5	19	<5	0.16	24
POW95D03-006		0.09	0.03	7	<5	<10	6	<5	<5	<5	0.02	17
POW95D03-007		0.03	0.02	6	6	<10	4	<5	5	<5	0.02	13
POW95D03-008		0.05	0.05	10	6	<10	5	<5	10	6	0.03	10
POW95D03-009		0.05	0.03	6	<5	<10	4	<5	<5	<5	0.02	14
POW95D03-010		0.76	0.15	36	5	<10	35	<5	23	<5	0.24	23
POW95D03-011		1.24	0.40	63	<5	<10	59	<5	25	<5	0.29	16
POW95D03-012		1.11	0.26	51	<5	<10	45	<5	33	<5	0.25	12
POW95D03-013		0.51	0.06	120	<5	<10	28	<5	14	<5	0.05	<5
POW95D03-014		0.28	0.12	87	<5	<10	34	<5	17	<5	0.06	<5
POW95D03-015		0.13	0.10	49	<5	<10	27	<5	20	<5	0.15	14
POW95D03-016		0.40	0.03	70	<5	<10	29	<5	18	<5	0.15	11
POW95D03-017		0.82	0.14	71	<5	<10	30	<5	20	<5	0.20	16
POW95D03-018		0.12	<0.01	74	<5	<10	28	<5	18	<5	0.14	14
POW95D03-019		0.03	<0.01	107	<5	<10	21	<5	17	<5	0.14	10

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

REPORT: T95-57266.0 (COMPLETE)

DATE PRINTED: 5-DEC-95
PROJECT: CAMG-5184

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
POW95D-03020		<5
POW95D-03021		<5
POW95D-03022		8
POW95D-03023		<5
POW95D-03024		<5
POW95D-03025		<5
POW95D-03026		6
POW95D-03027		<5
POW95D-03028		<5
POW95D-03029		<5
POW95D-03030		<5
POW95D-03031		<5
POW95D-03032		<5
POW95D-03033		<5
POW95D-03034		<5
POW95D-03035		15
POW95D-03036		22
POW95D-03037		21
POW95D-03038		10
POW95D-03039		8
POW95D-03040		11
POW95D-03041		9
POW95D-03042		7
POW95D-03043		<5
POW95D-03044		<5
POW95D-03045		1242
POW95D-03046		456
POW95D-03047		40
POW95D-03048		9
POW95D-03049		8
POW95D-03050		6
POW95D-03051		15
POW95D-03052		73
POW95D-03053		18
POW95D-03054		<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

REPORT: T95-57266.1 (COMPLETE)

DATE PRINTED: 3-JAN-96

PROJECT: CAMG-5184 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT
POW95D-03020		0.3	49	11	82	3	279	39	<0.2	<5	<5	<5	4.07
POW95D-03021		<0.2	56	10	97	4	169	31	<0.2	<5	<5	<5	4.05
POW95D-03022		<0.2	35	8	38	<1	596	63	0.4	<5	7	<5	3.82
POW95D-03023		<0.2	41	8	28	2	332	36	0.8	<5	<5	<5	2.95
POW95D-03024		<0.2	43	9	49	2	441	44	<0.2	<5	<5	<5	3.40
POW95D-03025		<0.2	61	16	48	4	907	94	0.5	<5	<5	<5	6.12
POW95D-03026		<0.2	49	8	78	2	591	55	1.0	<5	5	<5	4.29
POW95D-03027		0.2	24	6	16	5	365	39	<0.2	<5	<5	<5	2.88
POW95D-03028		0.4	26	13	23	7	898	75	0.6	<5	<5	<5	5.49
POW95D-03029		0.2	125	11	26	10	726	62	0.3	<5	<5	<5	4.63
POW95D-03030		0.4	438	12	33	4	679	75	0.4	<5	<5	<5	4.53
POW95D-03031		0.3	62	11	30	13	732	58	0.5	<5	<5	6	4.21
POW95D-03032		0.3	161	19	22	7	17	11	<0.2	<5	<5	<5	1.18
POW95D-03033		<0.2	58	6	10	16	14	9	<0.2	<5	<5	<5	1.00
POW95D-03034		0.6	48	12	43	5	80	16	0.3	<5	<5	<5	2.55
POW95D-03035		0.2	106	11	31	11	772	71	<0.2	<5	41	<5	6.33
POW95D-03036		<0.2	123	12	33	28	684	86	0.7	<5	107	<5	4.99
POW95D-03037		0.4	223	15	42	45	769	65	0.9	<5	42	<5	5.09
POW95D-03038		<0.2	58	8	19	13	574	52	0.6	<5	<5	<5	3.43
POW95D-03039		0.3	74	10	24	13	645	54	0.6	<5	<5	<5	2.49
POW95D-03040		0.3	61	10	46	4	953	68	0.8	<5	<5	<5	4.01
POW95D-03041		0.4	70	21	39	5	1069	66	1.3	<5	6	<5	3.86
POW95D-03042		0.5	24	7	26	5	1328	74	1.1	<5	6	<5	4.24
POW95D-03043		0.6	114	19	87	36	624	62	1.4	<5	30	6	4.77
POW95D-03044		0.7	108	12	58	6	107	23	0.2	<5	<5	<5	3.36
POW95D-03045		1.0	67	268	172	59	57	20	1.2	<5	<5	<5	3.24
POW95D-03046		0.9	117	20	111	6	86	31	<0.2	<5	<5	<5	4.53
POW95D-03047		0.5	36	20	36	2	16	12	<0.2	<5	<5	<5	2.05
POW95D-03048		0.4	25	13	51	2	21	9	<0.2	<5	<5	<5	2.09
POW95D-03049		0.4	83	14	37	4	13	7	<0.2	<5	<5	<5	1.69
POW95D-03050		0.5	136	18	38	3	13	6	0.2	<5	<5	<5	1.86
POW95D-03051		0.4	45	17	33	4	14	7	<0.2	<5	<5	<5	1.86
POW95D-03052		0.5	89	13	87	5	61	22	<0.2	<5	<5	<5	3.90
POW95D-03053		0.5	69	14	77	6	125	26	<0.2	<5	<5	<5	3.53
POW95D-03054		0.4	48	13	49	2	31	10	<0.2	<5	<5	<5	2.25

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

REPORT: T95-57266.1 (COMPLETE)

DATE PRINTED: 3-JAN-96
PROJECT: CAMG-5184 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT
POW95D-03020		798	<10	11	590	98	<20	<20	6	2.50	2.78	2.27	0.05
POW95D-03021		838	<10	34	211	110	<20	<20	7	2.27	2.32	1.94	0.07
POW95D-03022		2193	<10	23	1146	77	<20	<20	3	2.04	2.43	>10.00	0.01
POW95D-03023		1324	<10	60	1073	67	<20	<20	1	1.77	2.60	6.49	<0.01
POW95D-03024		1439	<10	38	997	59	<20	<20	2	1.91	2.69	7.03	<0.01
POW95D-03025		2125	13	32	1508	124	<20	<20	3	2.83	2.76	5.00	0.02
POW95D-03026		2074	<10	24	1008	69	<20	<20	2	1.98	2.51	6.79	0.01
POW95D-03027		616	<10	25	561	28	<20	<20	<1	0.83	2.57	3.95	0.02
POW95D-03028		387	12	13	798	59	<20	<20	<1	2.34	4.31	0.45	0.02
POW95D-03029		531	<10	39	1014	53	<20	<20	<1	2.40	3.60	0.89	0.06
POW95D-03030		654	<10	321	1121	102	<20	<20	<1	2.09	2.96	1.24	0.11
POW95D-03031		612	<10	157	854	54	<20	<20	<1	2.17	3.23	2.29	0.06
POW95D-03032		161	<10	37	65	19	<20	<20	38	0.33	0.46	0.92	0.17
POW95D-03033		128	<10	45	62	17	<20	<20	40	0.25	0.21	0.70	0.15
POW95D-03034		625	<10	202	180	39	<20	<20	36	1.48	2.47	0.97	0.12
POW95D-03035		739	11	86	693	67	<20	<20	<1	1.95	2.98	1.07	0.10
POW95D-03036		681	<10	52	685	75	<20	<20	<1	1.73	2.25	1.08	0.10
POW95D-03037		522	12	33	599	47	<20	<20	3	1.78	2.77	2.03	0.16
POW95D-03038		679	<10	57	481	53	<20	<20	6	1.20	1.54	2.24	0.15
POW95D-03039		489	<10	69	492	42	<20	<20	12	1.27	2.20	1.73	0.13
POW95D-03040		579	<10	38	917	48	<20	<20	3	2.03	3.20	2.11	0.08
POW95D-03041		742	<10	4	614	39	<20	<20	2	1.33	3.16	8.04	0.02
POW95D-03042		669	<10	2	393	31	<20	<20	<1	1.01	4.72	1.51	0.01
POW95D-03043		626	<10	39	794	59	<20	<20	1	2.82	3.38	2.31	0.06
POW95D-03044		664	<10	160	177	78	<20	<20	28	1.34	2.18	2.46	0.10
POW95D-03045		593	<10	34	102	63	<20	<20	16	1.46	1.63	2.56	0.07
POW95D-03046		793	<10	31	168	106	<20	<20	15	2.14	2.22	1.97	0.06
POW95D-03047		297	<10	126	80	48	<20	<20	26	0.69	0.87	1.32	0.09
POW95D-03048		414	<10	82	74	54	<20	<20	42	0.97	1.21	1.69	0.10
POW95D-03049		342	<10	82	76	44	<20	<20	40	0.68	0.77	2.15	0.10
POW95D-03050		373	<10	111	75	51	<20	<20	48	0.69	0.85	1.79	0.10
POW95D-03051		315	<10	63	90	31	<20	<20	36	0.61	0.80	1.95	0.10
POW95D-03052		725	<10	82	109	83	<20	<20	24	1.65	1.93	2.81	0.09
POW95D-03053		556	<10	82	195	105	<20	<20	19	1.65	1.66	1.05	0.10
POW95D-03054		392	<10	93	97	72	<20	<20	43	1.00	1.21	1.18	0.11

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

REPORT: T95-57266.1 (COMPLETE)

DATE PRINTED: 3-JAN-96

PROJECT: CAMG-5184

SAMPLE NUMBER	ELEMENT UNITS	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW95D-03020		0.01	20	4	13	37	3	12	<10	0.07	9
POW95D-03021		0.03	16	6	12	45	5	12	<10	0.08	13
POW95D-03022		0.11	89	3	5	21	3	14	<10	0.03	<1
POW95D-03023		0.49	60	2	6	22	2	12	<10	0.05	<1
POW95D-03024		0.25	71	3	7	20	3	12	<10	0.04	<1
POW95D-03025		0.23	49	3	13	27	3	19	<10	0.07	1
POW95D-03026		0.20	67	3	6	22	3	12	<10	0.03	<1
POW95D-03027		0.15	89	1	3	9	2	<5	<10	0.02	1
POW95D-03028		0.19	11	1	10	25	2	<5	<10	0.10	1
POW95D-03029		0.87	15	1	10	36	1	<5	<10	0.11	2
POW95D-03030		2.38	20	3	15	95	3	7	<10	0.20	3
POW95D-03031		1.12	57	1	10	32	2	<5	<10	0.10	2
POW95D-03032		0.20	93	11	6	9	10	<5	<10	0.13	23
POW95D-03033		0.10	110	10	5	6	9	<5	<10	0.11	17
POW95D-03034		1.36	76	10	9	63	10	<5	<10	0.15	25
POW95D-03035		0.62	26	4	8	46	4	5	<10	0.10	3
POW95D-03036		0.52	12	4	11	45	4	8	<10	0.14	4
POW95D-03037		0.50	33	4	8	39	4	5	<10	0.08	7
POW95D-03038		0.39	105	6	9	31	5	6	<10	0.14	10
POW95D-03039		0.40	56	5	9	37	4	<5	<10	0.13	20
POW95D-03040		0.26	41	2	9	32	2	<5	<10	0.10	5
POW95D-03041		0.02	102	1	7	8	2	<5	<10	0.05	2
POW95D-03042		0.01	27	1	5	7	2	6	<10	0.03	2
POW95D-03043		0.51	34	2	12	72	3	<5	<10	0.11	2
POW95D-03044		0.60	66	11	14	45	10	<5	<10	0.23	14
POW95D-03045		0.19	56	8	12	30	8	6	<10	0.18	28
POW95D-03046		0.16	82	10	18	57	9	10	<10	0.29	34
POW95D-03047		0.09	130	9	6	11	8	<5	<10	0.08	27
POW95D-03048		0.10	115	11	7	17	10	<5	<10	0.08	19
POW95D-03049		0.10	88	11	7	11	10	<5	<10	0.09	32
POW95D-03050		0.11	106	11	7	11	11	<5	<10	0.10	37
POW95D-03051		0.06	93	9	5	12	8	<5	<10	0.06	36
POW95D-03052		0.39	108	10	15	38	9	6	<10	0.24	26
POW95D-03053		0.44	65	8	14	40	7	8	<10	0.23	37
POW95D-03054		0.12	80	12	11	19	11	<5	<10	0.14	27

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

CAMECO CORPORATION
MIKE KOZIOL
#6-1349 KELLY LAKE ROAD
SUDBURY,ONTARIO
P3E 5P5

POW95D04

01-025

Au only

POW95D05

01-011

Au only

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

DATE PRINTED: 5-DEC-95

REPORT: T95-57267.0 (COMPLETE) PROJECT: CAMG-5184 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
POW95D-04001		<5
POW95D-04002		<5
POW95D-04003		<5
POW95D-04004		<5
POW95D-04005		7
POW95D-04006		<5
POW95D-04007		<5
POW95D-04008		<5
POW95D-04009		<5
POW95D-04010		6
POW95D-04011		7
POW95D-04012		<5
POW95D-04013		<5
POW95D-04014		<5
POW95D-04015		<5
POW95D-04016		<5
POW95D-04017		<5
POW95D-04018		6
POW95D-04019		<5
POW95D-04020		<5
POW95D-04021		26
POW95D-04022		6
POW95D-04023		<5
POW95D-04024		<5
POW95D-04025		11
POW95D-05001		8
POW95D-05002		<5
POW95D-05003		9
POW95D-05004		<5
POW95D-05005		<5
POW95D-05006		<5
POW95D-05007		6
POW95D-05008		6
POW95D-05009		<5
POW95D-05010		6
POW95D-05011		<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

CAMECO CORPORATION
MIKE KOZIOL
#6-1349 KELLY LAKE ROAD
SUDBURY,ONTARIO
P3E 5P5

PBW95D-06-01 To 22

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

DATE PRINTED: 21-DEC-95

REPORT: T95-57298.0 (COMPLETE) PROJECT: NONE PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
POW95D-06-01		9	<0.5	18	10	45	6	20	9	<1	<5	36	<5
POW95D-06-02		8	<0.5	30	8	35	3	19	8	<1	<5	36	<5
POW95D-06-03		<5	0.6	21	30	34	4	19	8	<1	<5	30	<5
POW95D-06-04		<5	<0.5	30	47	64	7	20	10	<1	<5	23	<5
POW95D-06-05		<5	<0.5	31	54	56	7	22	10	<1	<5	<5	<5
POW95D-06-06		<5	0.8	25	12	31	4	16	7	<1	<5	<5	<5
POW95D-06-07		<5	<0.5	27	16	31	3	15	8	<1	<5	<5	<5
POW95D-06-08		<5	<0.5	19	18	34	5	19	8	<1	6	36	<5
POW95D-06-09		<5	<0.5	15	16	33	6	15	7	<1	<5	24	<5
POW95D-06-10		8	0.5	8	10	44	6	20	10	<1	<5	9	<5
POW95D-06-11		<5	<0.5	15	8	36	4	22	8	<1	<5	<5	<5
POW95D-06-12		<5	<0.5	20	13	39	4	22	10	<1	<5	8	<5
POW95D-06-13		6	<0.5	22	11	45	6	21	8	<1	<5	13	<5
POW95D-06-14		<5	<0.5	22	16	43	6	21	15	<1	<5	22	<5
POW95D-06-15		<5	<0.5	24	20	38	5	18	8	<1	<5	27	<5
POW95D-06-16		<5	<0.5	36	13	12	3	10	8	<1	<5	<5	<5
POW95D-06-17		<5	0.5	22	7	18	3	8	5	<1	<5	<5	<5
POW95D-06-18		<5	<0.5	27	16	22	6	12	5	<1	<5	40	<5
POW95D-06-19		<5	<0.5	11	12	23	5	17	5	<1	<5	14	<5
POW95D-06-20		<5	0.6	10	4	24	7	13	10	<1	<5	<5	<5
POW95D-06-21		<5	<0.5	9	5	22	4	14	3	<1	<5	18	<5
POW95D-06-22		11	0.7	12	26	31	15	18	8	<1	<5	8	<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

REPORT: T95-57298.0 (COMPLETE)

DATE PRINTED: 21-DEC-95

PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT
POW95D-06-01		2.26	663	<25	>2000	80	57	<20	<20	66	7.72	0.78	2.56
POW95D-06-02		2.20	541	<25	1341	68	59	<20	<20	59	8.06	0.71	2.12
POW95D-06-03		2.15	426	<25	1275	75	65	<20	<20	59	7.43	0.50	2.39
POW95D-06-04		2.39	646	<25	1816	55	66	<20	<20	74	8.42	0.84	2.80
POW95D-06-05		2.39	615	<25	1731	52	68	<20	<20	72	8.70	0.72	2.86
POW95D-06-06		2.14	537	<25	782	64	72	<20	<20	58	7.91	0.37	2.75
POW95D-06-07		2.03	466	<25	486	79	66	<20	<20	43	7.50	0.40	2.38
POW95D-06-08		2.26	510	<25	893	64	71	<20	<20	53	7.81	0.45	2.61
POW95D-06-09		2.03	524	<25	1305	59	65	<20	<20	70	8.05	0.39	2.77
POW95D-06-10		2.04	508	<25	835	84	49	<20	<20	82	9.63	0.84	2.72
POW95D-06-11		1.97	545	<25	855	93	54	<20	<20	56	6.92	0.43	2.94
POW95D-06-12		2.19	568	<25	1285	59	62	<20	<20	66	7.73	0.44	3.25
POW95D-06-13		1.99	542	<25	856	58	68	<20	<20	64	7.56	0.71	2.57
POW95D-06-14		2.33	479	<25	730	55	81	<20	<20	55	7.98	0.59	2.38
POW95D-06-15		2.23	489	<25	1105	51	74	<20	<20	61	8.05	0.46	2.72
POW95D-06-16		0.88	192	<25	508	32	38	<20	<20	26	6.71	0.09	1.42
POW95D-06-17		0.97	181	<25	313	58	39	<20	<20	33	7.19	0.19	1.05
POW95D-06-18		1.06	288	<25	860	52	37	<20	<20	45	8.93	0.20	1.78
POW95D-06-19		1.32	448	<25	418	61	34	<20	<20	53	7.80	0.23	3.08
POW95D-06-20		1.26	409	<25	702	59	30	<20	<20	51	8.08	0.20	2.65
POW95D-06-21		1.26	424	<25	784	44	38	<20	<20	48	7.97	0.20	2.82
POW95D-06-22		1.93	462	<25	1356	39	51	<20	<20	63	8.08	0.27	2.47

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

REPORT: T95-57298.0 (COMPLETE)

DATE PRINTED: 21-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW95D-06-01		4.18	3.01	922	13	12	7	<5	<5	<5	0.20	137
POW95D-06-02		4.61	2.90	765	12	11	8	5	<5	<5	0.19	150
POW95D-06-03		4.00	3.01	917	12	12	13	5	<5	<5	0.20	137
POW95D-06-04		4.35	3.65	1539	16	14	29	8	<5	<5	0.23	166
POW95D-06-05		4.67	3.62	1393	16	14	27	7	<5	<5	0.23	174
POW95D-06-06		5.21	1.87	725	13	15	12	7	<5	<5	0.21	129
POW95D-06-07		5.30	1.35	615	10	14	11	6	<5	<5	0.20	149
POW95D-06-08		4.71	2.35	763	13	12	17	6	<5	12	0.20	125
POW95D-06-09		4.59	2.95	828	14	<10	14	6	<5	<5	0.22	143
POW95D-06-10		5.42	3.36	549	14	14	18	7	5	<5	0.23	180
POW95D-06-11		3.76	2.28	485	12	11	10	<5	<5	<5	0.18	82
POW95D-06-12		4.39	2.63	810	14	13	13	7	<5	<5	0.21	111
POW95D-06-13		3.85	2.95	486	14	15	12	6	<5	<5	0.21	115
POW95D-06-14		4.30	3.04	388	13	15	13	7	<5	<5	0.21	168
POW95D-06-15		4.80	2.64	617	15	13	13	7	5	<5	0.21	148
POW95D-06-16		6.32	1.71	305	9	18	12	6	<5	<5	0.18	129
POW95D-06-17		6.57	1.27	246	23	19	9	7	<5	<5	0.19	141
POW95D-06-18		4.55	3.88	480	8	18	5	<5	<5	<5	0.11	87
POW95D-06-19		4.13	3.10	325	13	13	7	6	<5	<5	0.17	109
POW95D-06-20		3.98	3.84	389	11	13	6	5	<5	<5	0.14	102
POW95D-06-21		4.18	3.72	446	10	13	6	7	<5	<5	0.18	105
POW95D-06-22		4.21	3.37	892	12	13	10	7	<5	<5	0.17	120

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

CAMECO CORPORATION
MIKE KOZIOL
#6-1349 KELLY LAKE ROAD
SUDBURY,ONTARIO
P3E 5P5

PDW95D-09-001 to 031

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

DATE PRINTED: 20-DEC-95

REPORT: T95-57299.0 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
POW-95D-07-001		<5	0.6	40	7	114	4	51	18	<0.2	<5	31	<5
POW-95D-07-002		<5	0.3	20	5	123	5	165	24	<0.2	<5	49	<5
POW-95D-07-003		<5	0.5	44	7	99	5	90	19	<0.2	<5	38	<5
POW-95D-07-004		<5	0.3	15	6	68	3	27	14	<0.2	<5	21	<5
POW-95D-07-005		<5	0.2	15	6	58	4	29	12	<0.2	<5	16	<5
POW-95D-07-006		<5	<0.2	17	5	47	3	27	10	<0.2	<5	13	<5
POW-95D-07-007		<5	0.3	18	4	71	3	21	10	<0.2	<5	12	<5
POW-95D-07-008		<5	<0.2	18	5	57	4	25	12	<0.2	<5	20	<5
POW-95D-07-009		174	0.5	43	5	171	5	88	20	<0.2	<5	45	<5
PWO-95D-07-10		59	0.3	44	7	77	3	72	19	<0.2	<5	31	<5
PWO-95D-07-11		6	0.4	51	5	78	4	61	16	<0.2	<5	20	<5
PWO-95D-07-12		<5	0.2	50	7	82	4	84	19	<0.2	<5	29	<5
PWO-95D-07-13		<5	0.4	121	7	85	5	101	20	<0.2	<5	39	<5
PWO-95D-07-14		<5	0.4	85	7	158	6	125	21	<0.2	<5	48	<5
PWO-95D-07-15		10	0.7	374	15	95	8	80	35	<0.2	6	83	<5
PWO-95D-07-16		<5	0.6	24	8	226	11	17	26	<0.2	7	35	<5
PWO-95D-07-17		<5	0.5	29	4	188	9	15	27	<0.2	<5	23	<5
PWO-95D-07-18		<5	0.4	24	4	189	9	15	28	<0.2	8	23	<5
PWO-95D-07-19		<5	<0.2	24	3	61	4	26	13	<0.2	<5	14	<5
PWO-95D-07-20		<5	0.5	77	9	123	9	33	44	<0.2	8	30	<5
PWO-95D-07-21		<5	0.4	43	8	120	10	25	41	<0.2	5	24	<5
PWO-95D-07-22		<5	0.4	76	8	130	9	16	37	<0.2	8	28	<5
PWO-95D-07-23		<5	0.5	94	9	146	10	43	41	<0.2	8	26	<5
PWO-95D-07-24		<5	0.5	83	9	104	10	45	35	<0.2	<5	34	<5
PWO-95D-07-25		<5	0.4	91	8	86	7	41	34	<0.2	<5	19	<5
PWO-95D-07-26		<5	0.4	82	7	121	8	47	33	<0.2	<5	27	<5
PWO-95D-07-27		<5	0.6	131	9	172	8	41	34	<0.2	7	36	<5
PWO-95D-07-28		16	0.8	325	6	318	13	73	43	3.3	7	36	<5
PWO-95D-07-29		<5	0.6	136	11	128	10	75	33	<0.2	<5	38	<5
PWO-95D-07-30		<5	0.4	99	8	112	9	74	32	<0.2	5	41	<5
PWO-95D-07-31		9	0.4	109	10	107	8	66	32	<0.2	<5	24	<5

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

REPORT: T95-57299.0 (COMPLETE)

DATE PRINTED: 20-DEC-95
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT
POW-95D-07-001		4.15	830	<10	18	64	24	<20	<20	9	1.68	2.12	4.03
POW-95D-07-002		4.45	972	<10	15	285	27	<20	<20	10	2.12	2.90	4.99
POW-95D-07-003		3.95	812	<10	18	55	18	<20	<20	7	1.46	1.82	3.56
POW-95D-07-004		3.04	752	<10	22	46	9	<20	<20	11	1.11	1.54	4.20
POW-95D-07-005		2.80	607	<10	22	38	9	<20	<20	15	1.17	1.36	2.70
POW-95D-07-006		2.55	784	<10	17	90	7	<20	<20	8	0.81	1.40	5.18
POW-95D-07-007		2.68	625	<10	24	55	9	<20	<20	15	0.96	1.38	3.49
POW-95D-07-008		2.95	634	<10	29	40	12	<20	<20	16	1.15	1.43	3.34
POW-95D-07-009		4.18	826	<10	21	54	15	<20	<20	6	1.46	1.44	4.16
PWO-95D-07-10		2.71	658	<10	28	69	13	<20	<20	7	1.09	1.34	4.66
PWO-95D-07-11		3.35	533	<10	26	60	25	<20	<20	9	1.90	1.33	3.63
PWO-95D-07-12		3.44	846	<10	22	76	42	<20	<20	8	2.08	2.26	2.43
PWO-95D-07-13		3.42	788	<10	31	90	23	<20	<20	8	1.93	2.04	2.56
PWO-95D-07-14		3.96	539	<10	33	105	26	<20	<20	7	2.30	1.72	2.39
PWO-95D-07-15		5.99	1278	<10	20	75	13	<20	<20	5	1.61	1.69	5.13
PWO-95D-07-16		>10.00	1562	<10	4	6	57	<20	<20	10	3.69	1.65	4.04
PWO-95D-07-17		9.76	1779	<10	17	14	45	<20	<20	10	2.62	1.71	3.93
PWO-95D-07-18		8.82	1719	<10	15	22	61	<20	<20	9	2.31	1.77	4.12
PWO-95D-07-19		3.41	837	<10	32	37	11	<20	<20	12	0.94	1.52	3.38
PWO-95D-07-20		8.68	1511	<10	6	10	227	<20	<20	9	3.34	1.84	6.52
PWO-95D-07-21		9.21	1212	<10	5	10	242	<20	<20	9	3.36	1.64	5.00
PWO-95D-07-22		8.44	1763	<10	4	11	244	<20	<20	8	3.07	1.90	5.21
PWO-95D-07-23		9.13	1671	<10	18	33	194	<20	<20	9	3.24	1.90	4.66
PWO-95D-07-24		8.90	1154	<10	3	41	256	<20	<20	13	3.56	2.47	4.54
PWO-95D-07-25		7.05	1137	<10	439	38	179	<20	<20	7	2.87	2.44	3.21
PWO-95D-07-26		8.16	1255	<10	5	45	216	<20	<20	9	3.22	2.50	3.37
PWO-95D-07-27		8.89	1653	<10	14	31	244	<20	<20	11	3.53	1.90	5.05
PWO-95D-07-28		6.40	1148	<10	20	80	83	<20	<20	7	2.63	1.77	4.13
PWO-95D-07-29		>10.00	2345	<10	4	115	161	21	<20	20	4.59	2.61	6.07
PWO-95D-07-30		8.53	1692	<10	6	124	158	<20	<20	13	4.23	2.48	6.03
PWO-95D-07-31		7.87	1737	<10	8	120	143	<20	<20	11	3.96	2.45	6.85

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

DATE PRINTED: 20-DEC-95

REPORT: T95-57299.0 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
POW-95D-07-001		0.07	0.09	50	3	<2	12	<1	<5	<10	<0.01	14
POW-95D-07-002		0.05	0.08	72	3	<2	17	<1	7	<10	<0.01	11
POW-95D-07-003		0.06	0.09	43	3	<2	9	<1	5	<10	<0.01	15
POW-95D-07-004		0.07	0.11	42	5	<2	7	<1	<5	<10	<0.01	22
POW-95D-07-005		0.06	0.11	37	5	<2	7	<1	<5	<10	<0.01	20
POW-95D-07-006		0.05	0.10	56	4	<2	5	<1	<5	<10	<0.01	19
POW-95D-07-007		0.06	0.12	50	5	<2	6	<1	<5	<10	<0.01	19
POW-95D-07-008		0.07	0.13	46	4	<2	7	<1	<5	<10	<0.01	19
POW-95D-07-009		0.06	0.09	55	2	<2	8	<1	5	<10	<0.01	13
PWO-95D-07-10		0.07	0.12	60	2	<2	7	<1	<5	<10	<0.01	10
PWO-95D-07-11		0.05	0.12	57	3	<2	12	<1	<5	<10	<0.01	11
PWO-95D-07-12		0.04	0.09	15	3	<2	16	<1	6	<10	<0.01	8
PWO-95D-07-13		0.04	0.13	25	3	<2	14	<1	<5	<10	<0.01	11
PWO-95D-07-14		0.04	0.11	35	2	4	17	<1	<5	<10	<0.01	15
PWO-95D-07-15		0.02	0.13	49	4	<2	12	<1	<5	<10	<0.01	11
PWO-95D-07-16		0.02	<0.01	90	3	2	17	<1	21	<10	<0.01	2
PWO-95D-07-17		0.02	0.07	53	3	<2	13	<1	15	<10	<0.01	2
PWO-95D-07-18		0.02	0.07	53	2	<2	13	<1	13	<10	<0.01	2
PWO-95D-07-19		0.03	0.19	43	4	<2	5	<1	<5	<10	<0.01	15
PWO-95D-07-20		0.02	<0.01	110	4	<2	16	<1	23	<10	<0.01	2
PWO-95D-07-21		0.02	<0.01	79	5	5	15	<1	24	<10	<0.01	2
PWO-95D-07-22		0.02	<0.01	102	3	<2	13	<1	25	<10	<0.01	2
PWO-95D-07-23		0.02	0.07	50	2	<2	14	<1	15	<10	<0.01	2
PWO-95D-07-24		0.02	<0.01	20	12	7	12	<1	21	<10	0.35	3
PWO-95D-07-25		0.03	<0.01	55	11	3	8	<1	7	<10	0.51	7
PWO-95D-07-26		0.02	<0.01	34	11	<2	8	<1	16	<10	0.46	6
PWO-95D-07-27		0.02	0.06	48	2	<2	15	<1	19	<10	<0.01	1
PWO-95D-07-28		<0.01	0.11	31	6	<2	18	<1	7	<10	<0.01	7
PWO-95D-07-29		<0.01	<0.01	49	8	<2	13	<1	20	<10	0.20	1
PWO-95D-07-30		<0.01	0.03	45	3	<2	19	<1	18	<10	<0.01	<1
PWO-95D-07-31		<0.01	0.04	45	3	<2	18	<1	17	<10	<0.01	<1

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

APPENDIX C

Whole Rock Assay Certificates

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

CAMECO CORPORATION
ATTN: M. KOZIOL

REPORT No. : **M5304**
Page No. : 1 of 1
File No. : JN23RA
Date : JUN-26-1995

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

5W-2703-RG1

SAMPLE #	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	TiO2 %	MnO %	P2O5 %	Ba ppm	Zr ppm	Y ppm	Sc ppm	Nb ppm	Be ppm	Ni ppm	Cr ppm	Cu ppm	V ppm	Co ppm	Zn ppm	Rb %	LOI %	TOTAL %
POW95X-053	49.58	14.01	13.91	8.38	6.49	2.09	0.16	1.28	0.20	0.18	60	80	36	41	< 30	< 1	110	495	100	315	40	5580	<0.05	4.13	100.40
POW95X-056	47.30	10.08	10.07	8.07	4.76	2.49	2.02	0.80	0.21	0.14	220	40	20	31	< 30	3	55	375	105	280	30	135	<0.05	14.11	100.04
POW95X-058	46.87	12.75	11.85	6.61	5.97	1.62	1.46	1.23	0.18	0.16	150	130	28	32	< 30	< 1	85	400	15	225	35	85	<0.05	11.48	100.17
POW95X-060	49.91	14.50	11.87	5.19	6.66	3.09	0.74	1.09	0.16	0.24	90	110	46	27	< 30	2	75	440	5	150	30	130	<0.05	7.05	100.49
POW95X-061	54.98	14.07	11.78	7.24	5.98	2.57	0.92	0.84	0.25	0.10	160	40	22	49	< 30	< 1	80	625	105	320	45	105	<0.05	2.05	100.78
POW95X-062	48.10	13.97	15.51	8.83	5.61	0.89	0.06	1.21	0.23	0.12	50	50	20	47	60	< 1	85	170	110	410	45	100	<0.05	6.17	100.70
POW95X-065	39.39	17.15	14.25	7.59	4.99	4.92	0.02	1.72	0.17	0.18	30	90	36	44	< 30	< 1	90	120	85	470	50	130	<0.05	8.46	98.85
POW95X-074	49.77	13.90	14.16	5.26	3.71	3.03	0.24	1.66	0.20	0.16	130	80	36	42	< 30	< 1	80	155	85	475	55	130	<0.05	8.91	101.00
POW95X-082	59.93	13.88	6.24	4.25	4.85	3.83	0.58	0.58	0.10	0.14	250	90	12	17	< 30	< 1	100	530	25	140	20	60	<0.05	4.24	98.62
POW95X-1015	60.62	14.69	5.71	4.34	3.57	6.58	0.72	0.53	0.11	0.14	310	100	12	15	< 30	< 1	75	725	< 5	115	25	45	<0.05	1.73	98.73
POW95X-1016	41.05	14.59	15.01	8.23	7.14	1.86	0.64	1.32	0.18	0.10	90	50	20	48	< 30	< 1	115	140	125	435	50	105	<0.05	10.87	100.99
POW95X-1019	48.95	14.86	14.23	9.09	7.30	2.86	0.48	0.88	0.43	0.08	130	40	20	55	< 30	< 1	75	440	50	360	40	100	<0.05	1.25	100.40
POW95X-1021	49.76	14.63	12.39	10.63	7.28	2.30	0.46	0.84	0.29	0.08	130	40	18	50	30	< 1	75	490	80	365	50	95	<0.05	2.29	100.96
POW95X-1027	52.39	13.98	10.93	7.43	6.33	3.78	0.76	0.86	0.28	0.10	140	50	20	49	< 30	< 1	75	310	40	315	40	100	<0.05	1.24	98.08
POW95X-1030	44.79	7.88	12.26	1.74	22.88	0.49	0.10	0.43	0.08	0.04	30	20	12	29	< 30	< 1	1480	2575	65	180	95	55	<0.05	7.59	98.27

SIGNED :

TSL/95

CAMECO CORPORATION

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

REPORT No. : **M5444**
Page No. : 1 of 1
File No. : JL25RA
Date : JUL-25-1995

5W-3013-RG1

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	TiO2 %	MnO %	P2O5 %	Ba ppm	Zr ppm	Y ppm	Sc ppm	Nb ppm	Be ppm	Ni ppm	Cr ppm	Cu ppm	V ppm	Co ppm	Zn ppm	Rb %	LOI %	TOTAL %
POW95X-088	58.77	13.19	6.76	4.76	3.84	2.87	0.90	0.52	0.10	0.14	210	100	12	17	< 30	< 1	115	470	15	120	30	55	<0.05	6.82	98.66
POW95X-503	61.02	13.54	6.82	2.51	6.39	3.60	0.28	0.50	0.10	0.10	90	110	8	16	< 30	< 1	190	620	< 5	110	30	70	<0.05	4.50	99.37
POW95X-513	65.14	14.45	6.20	0.48	4.85	2.12	2.20	0.70	0.06	0.18	400	170	16	17	< 30	< 1	135	475	< 5	130	20	60	<0.05	3.87	100.26
POW95X-1078	61.67	14.35	5.67	3.87	2.52	3.04	1.68	0.56	0.08	0.14	430	120	16	14	< 30	< 1	70	335	15	105	20	65	<0.05	7.11	100.69
POW95X-1079	62.28	14.39	7.03	2.52	4.94	3.24	1.06	0.50	0.09	0.14	260	100	12	17	< 30	< 1	95	435	< 5	110	25	65	<0.05	4.44	100.62
POW95X-1090	52.93	20.60	6.18	3.97	1.96	7.23	1.98	0.91	0.09	0.26	320	190	22	15	< 30	1	45	230	< 5	150	15	65	<0.05	4.62	100.73
POW95X-1095	50.08	14.93	12.36	9.40	5.41	3.77	0.46	1.15	0.25	0.12	150	80	22	43	< 30	< 1	120	475	85	335	45	100	<0.05	2.12	100.07
POW95X-1096	57.03	13.93	5.67	5.33	4.95	2.19	1.44	0.54	0.17	0.14	300	100	14	17	< 30	< 1	115	455	< 5	130	25	50	<0.05	9.49	100.88
POW95X-1099	63.22	12.76	7.26	1.86	7.03	3.16	0.32	0.48	0.13	0.10	90	100	10	17	< 30	< 1	190	490	< 5	100	30	70	<0.05	4.32	100.63
POW95X-1103	59.17	14.30	6.46	4.59	5.05	1.61	1.50	0.47	0.20	0.12	270	90	10	17	< 30	< 1	150	360	25	105	25	360	<0.05	6.94	100.39
POW95X-1110	61.28	14.46	5.98	4.30	4.28	3.39	1.38	0.51	0.09	0.14	330	140	12	15	< 30	< 1	160	485	< 5	105	25	90	<0.05	4.96	100.77
POW95X-1114	68.65	14.94	5.14	1.70	1.52	4.22	1.32	0.49	0.05	0.16	320	160	18	9	< 30	< 1	40	430	20	65	10	95	<0.05	2.67	100.85
POW95X-1116	56.53	13.07	6.45	4.62	6.13	2.06	1.48	0.37	0.10	0.10	330	70	6	17	< 30	< 1	245	675	10	95	30	75	<0.05	9.74	100.66
POW95X-1125	68.67	14.11	3.74	2.93	1.37	3.34	2.30	0.35	0.05	0.12	670	150	12	7	< 30	< 1	50	325	10	50	10	35	<0.05	3.74	100.71
POW95X-1131	59.95	15.37	6.10	4.25	3.16	5.32	0.54	0.61	0.09	0.18	160	130	16	16	< 30	< 1	90	175	< 5	120	20	85	<0.05	4.94	100.50
POW95X-1136	67.73	13.41	4.63	2.32	1.33	4.47	1.08	0.44	0.06	0.16	390	160	18	8	< 30	< 1	20	340	20	65	10	30	<0.05	3.22	98.84

TSL/95

SIGNED :

CAMECO CORPORATION
ATTN: M. KOZIOL

5W-3315-RG1

TSL/ASSAY[illegible] Laboratories
1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : **M5592**
Page No. : 1 of 1
File No. : AG26RA
Date : AUG-28-1995

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 %
POW-95X-1173	58.78	15.50	8.41	1.41	7.07	3.54	0.26	0.54	0.08	0.14	110	110	80	12	21	< 1	30	355	< 5	140	125	75	< 30	<0.05	4.75	%100.45

TSL/95

SIGNED : [signature]

APPENDIX D

Diamond Drill Hole Logs

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501
Collar Eastings: 2600.00
Collar Northings: -805.00
Collar Elevation: 330.00
Grid: POWELL
Test South Contact of Kirkland Lake Break
Drilled by: Heath and Sherwood (1986) Inc.

Collar Inclination: -50.00
Grid Bearing: 180.00
Final Depth: 321.30 metres
Claim #: 1047782 and 1186330 (half-half)
Core: NQ, Stored at Fred Kiernicki, Matachewan

Logged by: M. KOZIOL
Date: NOV 7-NOV 16, 1995
Down-hole Survey: ACID
Test IP at Basalt/Ultramafic Contact

FROM	TO	LITHOLOGICAL DESCRIPTION
0	3.3	OVERBURDEN
3.3	5.5	BASALT
5.5	9.5	OVERBURDEN
9.5	62.1	BASALT

The rock is grey green in colour, fine grained, pillowed and amygduloidal. The flow is fractured (cooling fractures) and fractures are filled with calcite and quartz. Amygdules are calcite filled. Selvage areas are dark to black in colour due to chlorite and contain carbonate, quartz and up to 1% crystalline pyrite. The flow is cut by later quartz-carbonate veinlets up to 2mm in width. These make up 3% of the rock.

11.0-14.0 includes a broken and blocky section, of which approximately 1.5m of core is lost.

17.0-20.0 includes several narrow section of blocky

SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au (ppb)	As (ppm)
1	29.30	30.80	1.50	5	5
2	30.80	32.30	1.50	5	5
3	54.30	55.70	1.40	5	5
4	57.30	58.10	0.80	5	5
5	58.20	60.20	2.00	5	5
6	60.20	62.10	1.90	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		core. 32.3-62.1 Brecciated Basalt: The basalt in this section is finer grained, lighter grey-green colour than above (bleached ?), locally amygduloidal and pillowed. It is auto-brecciated (or phreatic breccia ?). Locally quartz-carbonate veins cut the core at various angles, but form 3% of the rock. The selvage areas are chloritic and also contain quartz-carbonate veining. Minor amounts to 1% of crystalline pyrite are associated with the selvage areas. The lower contact is at 40° to core axis. 54.3-54.7 interflow or flow top breccia: section contains 30% quartz-carbonate veins surrounding angular pieces of bleached basalt. Pyrite occurs in minor amounts and is finely disseminated. 57.3-58.0 this section is foliated and sericite occurs as wisps parallel to the foliation, at 50° to core axis. Quartz-carbonate veins make up 10%. These seldom exceed 2cm in width. Minor amounts of very fine pyrite occur disseminated along the foliation.						
62.1	63.1	CONGLOMERATE This is a highly foliated, light grey green coloured rock. The upper 30cm includes broken pieces of above described flow and the rest consists of quartz pebbles	7	62.10	63.10	1.00	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		and narrow veins in a sericite matrix. Pebbles are stretched parallel to foliation and the veins are broken and folded. Some of the veins contain up to 10% black mineral (tourmaline ?). Veins make up 15% of the interval. Minor amounts of fine to very fine pyrite occur disseminated, mainly along the foliation.						
63.1	77.0	MAFIC SYENITE DYKE	8	68.60	69.50	0.90	5	123
			9	69.50	71.00	1.50	5	5
		Upper contact is at 30° to core axis and lower at 45°.	10	71.00	72.50	1.50	5	5
		The dyke is fine grained and massive. It is grey in	11	72.50	74.00	1.50	5	5
		colour near the top and at 69.5m becomes lighter grey	12	74.00	75.50	1.50	5	5
		to pinkish grey. The lower portion (from approximately	13	75.50	77.00	1.50	41	5
		69.5m) is hairline fractured with calcite along the fractures. The fractures are randomly oriented but a preferred orientation at 45° to core axis is evident. Minor to 1% fine pyrite occurs disseminated in the dyke from approximately 69.5m.						
		63.4-63.6 inclusion of above described conglomerate.						
		68.6-69.5 inclusion of conglomerate consisting of fine quartz pebbles in a black argillaceous matrix. Also contains minor pyrite. Upper contact is at 45° and lower at 90° to core axis.						
		76.0-76.2 inclusion of conglomerate similar to above.						
77.0	90.5	CONGLOMERATE AND GRAPHITIC ARGILLITE (FAULT ZONE)	14	77.00	78.80	1.80	5	210
			15	78.80	80.30	1.50	5	2885

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		77.0-78.8 the conglomerate is similar to that from 62.1 to 63.1m. It consists of 30% to 40% quartz pebbles along with some mafic volcanic set in a strongly sericite altered matrix. It is highly foliated from 5% to 40% to core axis. Narrow (1mm to 2mm) argillite beds also occur interbedded with the conglomerate. Minor amounts of very fine pyrite are disseminated along the foliation.	16	80.30	81.80	1.50	5	273
			17	81.80	83.30	1.50	5	5
			18	83.30	84.80	1.50	9	5
			19	84.80	86.30	1.50	5	36
			20	86.30	87.80	1.50	12	90
			21	87.80	89.30	1.50	18	104
			22	89.30	90.50	1.20	10	127
		78.8-89.0 the matrix of the conglomerate is dark grey to black and graphitic. From 82.5 the conglomerate is clast supported and includes several intervals up to 30cm thick of brecciated volcanic (or ultramafic ?) The brecciated rock is also dark grey due to graphite coating on fracture surfaces. Pyrite forms 1% of the interval, occurring as disseminated crystals, up to 1.5mm, and as nodules.						
		89.0-90.5 the section is predominantly a graphitic argillite with local intervals of almost massive graphite. This section also includes several beds of siltstone that are dismembered. Foliation angles are consistently at 45° to 50° to core axis. The lower contact is sharp at 45° to core axis.						
90.5	155.9	ULTRAMAFIC SEQUENCE	23	90.50	92.00	1.50	5	62
			24	92.00	93.50	1.50	5	5
		This section includes ultramafic flows and locally derived interflow sediments. The rock varies in colour	25	93.50	95.00	1.50	5	5
			26	95.00	96.50	1.50	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		from a light grey-green to dark green (in the more talcose sections). The entire section is cut by grey carbonate-quartz veins which display several generations of folding. In the interflow sediment intervals, the veins are broken and act as detritus. Veins on average form 10% of the volume, but there are sections containing more. Several sections also contain smoky quartz veins with minor pyrite. The veins form <1% of the interval volume.	27	124.00	125.50	1.50	5	337
			28	125.50	127.00	1.50	5	109
			29	127.00	128.50	1.50	5	16
			30	128.50	130.00	1.50	5	32
			31	144.90	146.40	1.50	5	5
			32	146.40	147.40	1.00	5	5
			33	147.40	148.40	1.00	5	5
			34	148.40	150.20	1.80	5	5
			35	150.20	151.70	1.50	5	16
			36	151.70	153.20	1.50	5	57
			37	153.20	154.70	1.50	5	104
			38	154.70	155.90	1.20	5	302
		The flows are thin (generally <0.5m) and locally display poly-suture textures and in other places spinifex. Certain flows are strongly talcose and some display a green speckled texture. Some of the green specks are relict feldspar crystals. In general, the flows contain fewer veins than the interflow sediments.						
		Minor amounts of fine disseminated pyrite occur sprinkled within the veins and in some of the narrow breccia/sediment interflow bands.						
		94.6-94.8 section includes 60% dark smoky quartz vein, minor pyrite.						
		98.3-100.6 fine grained, grey and massive dyke (syenite ?) Upper contact is at 25° and lower at 50° to core axis.						
		106-106.5 interflow sediment contains 25% broken quartz-carbonate veins in a chlorite-talc matrix.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		113.1-124 a series of coarse spinifex (blades up to 6cm long) are interlayered with talcose peridotitic flows. 124.0-127.0 fuchsite altered sediments and broken komatiite flows. The section contains 20% quartz-carbonate veins and minor amounts of fuchsite occurs along the vein margins, associated with sericite. Minor amounts of pyrite are associated with the veins. The section from 126.5m to 127.0 contains 5% fuchsite and 50% quartz-carbonate veins. The fuchsite is associated along vein margins with sericite and chlorite and around ultramafic clasts. The host rock is an interflow sediment (conglomerate). 127.0-144.9 this section is dominantly dark grey, talcose material (peridotitic flows with narrow interflow breccia zones. Quartz-carbonate veins make up 15 to 20% and represent several generations of veining. Some display complex folding and others are straight fracture fill. Only trace amounts of pyrite are present locally. 144.9-148.4 this section contains 40% quartz-carbonate veining. Still only traces of pyrite. 148.4-150.2 section of strongly sericitic inter-flow conglomerates containing both talcose peridotite fragments and spinifex komatiite. Quartz-carbonate fills in void spaces and forms 25% of the volume.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		154.2-155.9 the ultramafic is brecciated and towards bottom of the interval the fractures contain pyrite and graphite.						
155.9	196.7	CHERT BRECCIA, GRAPHITIC ARGILLITE AND SILTSTONE	39	155.90	157.00	1.10	5	107
			40	157.00	158.50	1.50	5	5
			41	158.50	160.00	1.50	5	23
		The upper contact with the ultramafic is sharp at 50° to core axis. This interval includes sections of chert breccia and graphitic argillite which in some segments is interbedded with siltstone. Pyrite and pyrrhotite occur throughout the entire interval and form 8% and 2% of the rock respectively.	42	160.00	161.50	1.50	8	8
			43	161.50	163.00	1.50	5	5
			44	163.00	164.50	1.50	22	227
			45	164.50	166.00	1.50	8	201
			46	166.00	167.50	1.50	5	91
			47	167.50	169.00	1.50	5	5
			48	169.00	170.50	1.50	7	19
		155.9-157.0 black graphitic argillite. Rock contains 5% to 10% pyrite as wisps and disseminated crystals.	49	170.50	172.00	1.50	5	149
			50	172.00	173.50	1.50	7	335
			51	173.50	175.00	1.50	5	115
		157.0-160.6 chert breccia and sections of brecciated and soft sediment deformed siltstone. Pyrite forms 3% of the interval occurring mainly as wisps and disseminated around breccia fragments. Breccia fragments are up to 3cm2.	52	175.00	176.50	1.50	10	6
			53	176.50	178.00	1.50	5	217
			54	178.00	179.50	1.50	5	271
			55	179.50	181.00	1.50	5	5
			56	181.00	182.50	1.50	5	181
			57	182.50	184.00	1.50	9	48
		160.6-168.0 This interval contains mainly graphitic argillite interbedded with siltstone and several section up to 0.5m wide of chert breccia. Individual beds of argillite are up to 1cm wide and contain fine graphite. Siltstone beds are up to 3cm wide and some	58	184.00	185.50	1.50	17	119
			59	185.50	187.00	1.50	18	202
			60	187.00	188.50	1.50	5	5
			61	188.50	190.00	1.50	5	234
			62	190.00	191.50	1.50	5	344

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		also contain fine graphite and locally very fine pyrite with minor pyrrhotite. Bedding is from 55° to 65° to core axis. Pyrite forms up to 10% of this interval and occurs as beds from <1mm to 0.5cm, including one section from 165.5m to 165.7 which is made up of 80% pyrite. Pyrite also occurs as nodules up to 1cm. The breccia intervals contain 1% to 3% pyrite mainly fine crystals in matrix. Marcasite formed along some of the fracture surfaces. From 163.0m to 163.2m quartz-carbonate veins form 8% and pyrite 5%. Graphite and black chlorite form the rest.	63	191.50	193.00	1.50	5	69
			64	193.00	194.50	1.50	5	116
			65	194.50	196.00	1.50	5	5
		168.0-180.1 This interval is dominated by chert and siltstone beds, chert breccia, and sections, up to 1m wide, of graphitic argillite interbedded with fine silty beds. The breccia sections include chert, siltstone, argillite and pyrite fragments. Pyrite forms 3% of this section and occurs finely disseminated in the breccia matrix, as veinlets along later fractures in the breccia and as beds (up to 10cm thick) of semi massive material. Pyrrhotite occurs in minor amounts associated with some of the siltstone beds and as a bed of massive mineralization from 176.3m to 176.4m. There is some fuchsite alteration along fractures in the 10cm section preceding the massive pyrrhotite. Bedding at 167m is 65* to core axis.						
		At 178.6 there is approximately 0.5m of missing core. Sample 55 has only 1.0m of rock.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		180.1-180.7 debris flow. Includes subangular clasts (up to 1cm in size) of chert, argillite and siltstone set in a fine black matrix. Fragments form 40% of the volume. Contains 1% pyrite in cubes up to 1.5mm and as veinlets around the fragments. The upper contact is at 65° to core axis.						
		180.7-182.6 fragments are coarser than above, up to several cm, including one boulder of ultramafic at 181.2m that is 30cms in core length. Only minor pyrite present.						
		182.6-186.9 silicified argillite and heterolithic breccia. The argillite is black, weakly graphitic, and contains 2% pyrite. Silicification occurs as white veinlets of very fine quartz along fractures in the black argillite and surrounding fragments in the breccia. Minor fine grained pyrite is associated with the silicification. Breccia beds are up to 0.7m thick and include fragments of mainly chert and argillite. Pyrite forms 5% and occurs as veins up to 2cm of massive material and as crystals and nodules, each up to 3mm in size.						
		186.9-193.1 chert breccia consists of 70% fragments, mainly of milky white (on cut surface) chert set in a black siliceous matrix. Some of the fragments were previously fractured and the fractures are coated with black material (graphite ?). Pyrite occurs mainly as 1cm to 2cm crystals, and forms 3% of the volume.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		193.1-196.7 this section includes chert breccia, a 0.6m wide argillite and a chert pebble dominated polymictic conglomerate. The lower contact of the argillite is at 70° to core axis and the upper displays erosional features (scour marks).						
196.7	206.0	POLYMICTIC CONGLOMERATE	66	196.00	197.50	1.50	5	12
			67	197.50	199.00	1.50	5	1052
		In the upper 1.5m, the clast composition is dominated by chert with fewer argillite and siltstone pebbles. The matrix is still the black fine grained material.	68	199.00	200.50	1.50	5	427
			69	200.50	202.00	1.50	5	308
			70	202.00	203.50	1.50	5	482
			71	203.50	205.10	1.60	5	203
		198.2- 206.0 This conglomerate includes a variety of sedimentary clasts, including jasper fragments. It is fragment supported and most of the fragments are fractured, subrounded to rounded and <2 cm in size. The matrix is a sericitized and chloritized siltstone. Towards the bottom the fragments coarsen, including one small boulder (15cm across) at 205.7m. Pyrite occurs in minor amounts except from 205.3m to 205.6m where it forms 15% and occurs as blebs and veinlets surrounding the fragments. Bedding angles are at 65° to core axis, but foliation defined by alignment of chlorite and sericite is at 15° to 25° to core axis.	72	205.10	205.60	0.50	53	363
206.0	269.9	ULTRAMAFIC SEQUENCE (SEDIMENTS ?)	73	226.70	227.70	1.00	5	111
			74	232.60	234.10	1.50	5	5
		This section includes ultramafic flows and interflow sediments. The colour of the core is light green to a	75	234.10	235.60	1.50	5	110
			76	239.40	240.90	1.50	5	371

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		yellowish green and locally, in areas of quartz-carbonate veining, grey. The flows show poly-suture and spinifex textures. Some of the flows also contain greenish white spots, clustered together, similar to the ones exposed in the surface trench. The interflow sediments are mostly conglomerate beds. Some are made up of ultramafic flow fragments set in an iron carbonate matrix. Others include quartz-carbonate fragments and pebbles in a talc-chlorite or chlorite-sericite matrix. The sedimentary sections are up to several metres thick and the sediments make up 70% of the interval.	77	240.90	242.40	1.50	5	193
			78	242.40	243.90	1.50	5	148
			79	243.90	245.40	1.50	5	161
			80	245.40	246.90	1.50	5	333
			81	246.90	248.40	1.50	5	312
			82	248.40	249.90	1.50	5	146
			83	249.90	251.40	1.50	5	137
			84	251.40	252.90	1.50	5	81
			85	252.90	254.40	1.50	5	145
		Quartz and grey carbonate veining is present throughout the core, strongest in the sediments. The veins and carbonate-silica flooding make up 10% of the volume, locally up to 60% over narrow intervals. Mineralization is limited to minor amounts of pyrite associated with the veins Minor amounts of fuchsite occur associated with the sericite matrix in the conglomerate beds.						
		Foliation angles are variable ranging from 55° at 229m to 0° to core axis at 239m.						
		206.7-207.8 ultramafic flow, coarse spinifex						
		207.8-211.0 conglomerate, cherty pebbles in a chlorite-talc matrix and ultramafic pebbles in a quartz-carbonate matrix. At 208.8 find a graphitic band. At 210.5m find a 10cm band of graphitic argillite with						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		contacts at 40° to core axis. 211.0-218.3 massive, darker green mafic(?)/ultramafic(?) flow. Minor quartz veining. 218.3-223.0 ultramafic flows, topped with spinifex and locally poly-sutured. Some of the polyhedrons are altered to a greenish yellow (sericite-fuchsite). 223.0-229.5 quartz-carbonate pebbles and fragments in a sericite-chlorite matrix. 229.5-232.6 mainly ultramafic flows with only narrow interflow sections. Locally poly-suture textures. The section from 226.7m to 227.7m contains 20% quartz-carbonate veins and up to 1% fine pyrite associated with the veins. 232.6-235.5 interflow sediment consisting of ultramafic fragments in a quartz-carbonate matrix. Quartz-carbonate make up 40% of interval and occur as veins and matrix material. 235.5-239.4 brecciated flow (?) 239.4-260.5 BRECCIATED VARIOLITIC FLOW. Altered brecciated flows and interflow sediments make up this interval. The core is of various shades of yellowish green colour due to sericite, fuchsite, epidote and dolomite (albite ?) alteration. Texture is a monolithic							

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		breccia (hyaloclastite ?) with some of the blocks containing variolites. Locally, some of the sections contain spinifex textured blocks. Minor amounts of pyrite are scattered within quartz-carbonate veins and dissseminated in the reccia matrix. Locally, carbonate-quartz veining is strong and some of the veins contain 1% pyrite. Veins form an average 5% of the interval. Sericite and epidote alteration is strong but limited to clast boundaries and more pervasive in the smaller clasts. Fuchsite is associated with the sericite but is not abundant. 245.4-248.7 badly broken and blocky. Approximately 0.6m of core lost. 260.5-269.9 ultramafic flows and breccia. Flows show polyhedral jointing and spinifex textures. From 267.0m to 269.9 the flows are more massive, possible tholeitic basalt. Flows are cut by weakly pyrite mineralized, grey carbonate-quartz veins. The veins form 5% of the interval.						
269.9	271.6	GRAPHITIC ARGILLITE	86	269.90	271.60	1.70	16	165
		Upper contact is at 50° to core axis. This unit includes a 20cm massive pyrrhotite section near the top and pyrite bearing mafic dyke from 270.9m to 271.1m. The arillite is black, graphite bearing and contains 5%						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		to 10% pyrite as wisps and blobs. The dyke is grey-green color and contains 5% fine disseminated pyrite. The massive pyrrhotite section contains 80% pyrrhotite and 5% pyrite.						
271.6	272.4	MAFIC DYKE Upper contact is at 80° and lower at 70° to core axis. The dyke is fine grained, dark grey, chloritized and contains 5% fine disseminated pyrite.						
272.4	295.9	TALC-CHLORITE SCHIST (KIRKLAND LAKE FAULT) The host rock was an ultramafic with interflow sediments. In the upper part there are remnants of spinifex texture flow. The section is veined with calcite, and calcite makes up 40% of the rock. Section is intensely talcose and chloritic, could be scratched with a finger nail. Quartz veins are rarely seen. Only trace amounts of pyrite were observed associated with some of the calcite veins. Foliation is from 70° to 90° to core axis and the veins parallel the foliation. 294.4-295.1 diabase dyke. The rock is fine grained, dark grey massive. The upper contact is at 90° and the lower at 70° to core axis.	87	271.60	272.60	1.00	5	68
			88	272.60	274.10	1.50	5	60
			89	274.10	275.60	1.50	5	42

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
295.9	303.3	FINE SEDIMENTS This section includes light green bands alternating with brown (biotite rich) and light grey siliceous (chert) bands. There are a few calcite veinlets concentrated locally within the green (calc-silicate) segments. Minor amounts of pyrrhotite are scattered throughout the various units, concentrating more within the calc-silicate. Minor graphite occurs plated onto foliation surfaces. Foliation/bedding is at 55° to core axis.						
303.3	306.0	PERIDOTITE Steel grey colour, fine grained, massive, talcose, strongly magnetic. Upper and lower contacts are conformable at 60° to core axis.						
306.0	310.1	CHLORITE-TALC ALTERED SEDIMENTS These are grey to green coloured, foliated and made up of mainly chlorite, talc and calcite. There is compositional banding with more calcite-chlorite rich bands alternating with talc dominant bands. Individual bands vary from 0.5cm to 5cm. Foliation is at 65° to core axis. Lower contact is sharp and conformable at 65° to core axis.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9501

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
310.1	321.3	GREYWACKE AND SILTSTONE This rock is grey, fine to very fine grained, and bedded. Composition is a feldspathic siltstone. Individual beds range in thickness from 0.5cm to 5cm and some section display graded bedding; tops were not determined because of the repetative nature of the beds. Minor amounts of pyrite are sprinkled throughout the core. Bedding is at 65° to core axis. End of Hole						

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-49.00	
102.00	-48.00	
151.00	-47.00	
200.00	-45.00	
282.00	-43.00	
321.30	-42.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502
Collar Eastings: 2200.00
Collar Northings: -825.00
Collar Elevation: 330.00
Grid: POWELL
Drill through Ultramafic Sequence
Drilled by: Heath and Sherwood (1986) Inc.

Collar Inclination: -50.00
Grid Bearing: 180.00
Final Depth: 160.30 metres
Claim #: 1047778
Core: NQ, Stored at Fred Kiernicki, Matachewan

Logged by: A. Faber
Date: November 16-19, 1995
Down-hole Survey: ACID
Test IP at Basalt/Ultramafic Contact

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
0.0	11.0	OVERBURDEN						
11.0	15.5	PILLOWED BASALT Medium light green, fine grained pillowed basalt. The size of the pillows varies from 50-70cm. The basalt is weakly carbonatized. The rock shows brecciation or cooling fractures which are filled with chlorite and calcite. The pillow selvages are chlorite-rich and up to 1.5cm wide. Minor pyrrhotite is associated with them. Locally, the basalt contains 2mm calcite filled vesicles. The interval contains 1% carbonate (calcite and ankerite) in fractures. No mineralization is associated with the carbonate.						
15.5	22.2	FAULT ZONE The fault zone is a very blocky interval with a minimum of 3.2m of lost core. The size of the rock fragments varies between 1cm and 10cm. The blocks are oxidized from water movement in the fault zone. The rock appears to be pillowed basalt with remanent of salvages and vesicles. The rock shows brecciation similar to	1 2	15.50 18.90	18.90 22.20	3.40 3.30	5 5	41 51

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		the previous interval. The contacts are sharp.						
22.0	38.7	PILLOWED BASALT	3	24.60	25.70	1.10	5	48
		Medium light green, pillowed basalt. The basalt is fine grained with chlorite-rich selvages. The pillows are from 10cm up to 1m in size. The rock is weakly carbonatized. The pillows shows brecciation or cooling fractures filled with chlorite. The interval contains 3-5% carbonate (calcite and Fe-carbonate) filled fractures which are up to 5mm. The pillow selvages contain minor calcite and trace pyrrhotite.						
		24.6-25.7m The interval contains several 15cm pillows. The interval contains 5% chlorite-rich selvages with minor pyrrhotite. It also contains 2% calcite filling. A 1cm barren quartz vein shows fine banding.						
38.7	47.0	BASALT						
		Medium green, fine to medium grained basalt flows. The flows are massive and are locally brecciated. The rocks show minor amounts of disseminated, very fine grained feldspar crystals. Carbonate filled fractures (Fe-carbonate and calcite) are up to 5mm wide and make up to 3-5% of the interval. Carbonate occurs in fractures and hairline fractures related to brecciation. The fractures are at various angles with						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		respect to core axis. Minor epidote and dark chlorite occur with few carbonate veins. The lower contact is sharp at 52° tca.						
47.0	60.0	PILLOWED BASALT The rock is similar to pillows described from 22.0-38.7m. The rock is medium light green. The pillows are fine-grained with chlorite-rich selvages. Some of the selvages contain minor pyrrhotite. The rock is brecciated with chlorite and calcite in the hairline fractures. The interval contains 3-5% carbonate veins up to 3mm. Locally, the pillows contain calcite filled vesicles. The rock is weakly carbonatized.						
60.0	62.5	MAFIC VOLCANIC SEDIMENTS The rock is medium green and fine to medium grained. There is little alteration. It is a mix of mafic fragments and/or lapilli tuffs. There are few intervals showing very fine grained carbonate/feldspar crystals as described in the previous basalt flow. 60.9-61.3m, 62.0-62.3m These intervals are made of fragments up to 1cm in size. The matrix is moderately sericitic with minor epidote. They contain 10% calcite-quartz veining with diffuse boundaries.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		61.9m, a 3mm quartz vein with minor fuchsite at the contact with the host rock.						
62.5	68.3	MAFIC DIKE (CRYSTAL TUFF??) Massive, medium greyish green dyke. The matrix is very fine and contains up to 50% feldspar crystals. The size of the feldspar crystals are 1mm on average with few up to 4mm. The crystals are blade-like, either euhedral or subhedral, and randomly oriented. From 63.1-63.9m, mafic (amphibole) crystals co-exist with the feldspar crystals. The dike is non-magnetic. Carbonate-calcite filled fractures are present with a ratio of fractures as one every 10cm. They are up to 2mm thick. The rock is massive and doesn't show sedimentary texture or foliation. A weak foliation of 60° tca is present at 65.4m. 65.0-65.4m The interval shows local sericite alteration. Quartz, sericite, minor chlorite and minor fuchsite are present in a 2cm vein. The upper and lower contacts are 18° tca and 40° tca, respectively.						
68.3	70.3	DEFORMATION ZONE WITH GRAPHITE The interval is highly sheared. It is made of 30%	4 5	68.30 69.30	69.30 70.30	1.00 1.00	5 5	28 62

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		carbonate-calcite-quartz fragments (from veining) in a fine grained chlorite-sericite altered matrix. The matrix is medium dark greyish green. The interval also contains sericite-rich fragments. Fragments of host rock and veins are up to 2cm in size. From 70.1-70.2m, the matrix is highly graphitic. No sulphide noticed in the rock. The foliation varies from 0° tca to 47° tca. 69.4-69.8m, massive interval made of the previously described mafic dyke. The lower contact is uneven at 38° tca.							
70.3	82.3	MAFIC MONOMICTIC CONGLOMERATE. The rock is medium green and made of fragments up to 7cm in size. The interval contains up to 20% carbonate-calcite veins with minor quartz. The veins are up to 5cm thick and are folded. The carbonate veins are medium grey and do not contain any sulphides. The volcanic fragments are fine grained and weakly chloritized. The carbonate veins are from different generation and at random angle to core axis. One generation of veins is at 49-53° tca. 76.0-79.0m, In this interval, half the veining shows albite alteration. These veins have lost most of their calcite content. These veins contain minor quartz which is medium grey and has a cherty look.	6	76.00	77.50	1.50	5	14
			7	77.50	79.00	1.50	5	50

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		The lower contact is 41° tca.						
82.3	104.4	ULTRAMAFIC FLOWS AND DERIVED SEDIMENTS	8	82.30	83.80	1.50	5	37
			9	83.80	85.30	1.50	5	22
		82.3-84.12m, The rock is medium green with a yellowish tint. It is fine grained. The rock is massive and 10% carbonate-quartz and quartz veins follow fractures and are mostly straight. Only few are folded. The rock is brecciated.	10	87.60	89.10	1.50	6	15
			11	89.10	90.60	1.50	5	21
			12	90.60	92.10	1.50	5	36
			13	98.40	99.90	1.50	5	5
			14	99.90	101.40	1.50	5	5
			15	101.40	102.90	1.50	5	22
		85.1m, and 85.1-85.3m Quartz-calcite veins are present with 1% disseminated pyrite.						
		85.9-87.6m, The interval is brownish green. It shows variolitic textures similar to the ones seen on the north end of L26E trench. Minor biotite and albite alteration are present. At 86.4m, the veining is at 58° tca.						
		87.6-91.6m, The interval shows a monomictic conglomerate with fragments of ultramafic rocks. The interval contains 25-30% carbonate-quartz veins which are highly folded. They contain minor pyrite. The rock is weakly sericitic, with trace albite and fuchsite alteration. The fuchsite is usually located at the contact between the veins and the host rock.						
		91.0-91.2m, The interval contains several carbonate-						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		quartz veins showing oxidation of trace pyrite and ankerite. 91.6-93.7m The interval shows variolitic textures similar to the ones seen on the north end of L26E trench. 93.7-104.4m, The interval is ultramafic in composition. It shows two intervals with spinifex texture from 93.9-94.0m and 96.5-96.6m. The interval is weakly chloritized an contains up to 25% calcite-ankerite-quartz veins. The veins are up to 5cm thick. Minor sulphides are found in the veins. From 99.7-101.8m, the interval is a flow with only 5% of veins and shows some brecciation. The flow is fine grained and of similar composition. From 98.3-104.4m, most of the veins are ankerite and quartz. They contain trace fuchsite at the contact between the host rock and the veins and in the center of the vein. Minor pyrite is associated with the veins containing the fuchsite. From 93.7-94.4m, an ankerite vein follows the core axis and makes 70% of the interval.						
104.4	114.2	TALC SCHIST The rock is talcose and blueish grey. The rock is made of talcose host rock with 25% talc-calcite veins up to 2cm. The veins are often broken up or stretched. The rock is fragmented or is a fragmental. No sulphide in	16 17	111.60 113.10	113.10 114.20	1.50 1.10	5 5	11 31

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		the interval. 107.5-109.7m, 110.8-111.6m, These interval are not talcose. They are brownish grey. They contains 15% ankerite-calcite-quartz veins. They locally show variolitic textures. These intervals do not have talc in the veins, and show fragmented textures. 111.6-114.2m, The interval shows local sericite and epidote alteration, especially from 112.4-112.9m. The rock is highly fragmented and contains 25% ankerite-calcite veins with minor quartz. The bottom 30cm is a tectonic breccia with broken pieces of veins in a dark talc-chlorite rich matrix. No sulphide. 112.9m A 2cm white, barren quartz vein. The upper contact is at 43° tca and is defined by an ankerite-quartz vein.						
114.2	129.4	ULTRAMAFIC CONGLOMERATE The unit is an ultramafic conglomerate with fragments up to 10cm in size. The rock is greenish grey with a blue tint. The vein content is 10% with intervals with up to 70% veins over 50cm. The veins are of ankerite-calcite with minor quartz. The rock is weakly chloritic, weakly talcose, and locally contains trace fuchsite. The foliation/vein angles are 48° tca at	18	114.20	115.70	1.50	5	72
			19	117.90	119.40	1.50	5	107
			20	119.40	120.60	1.20	5	18
			21	120.60	122.00	1.40	5	16
			22	122.00	123.50	1.50	5	13
			23	126.20	127.80	1.60	7	68
			24	127.80	129.40	1.60	5	50

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		119.0m, 49° tca at 149.6m, 38° tca 126.0m, 43° tca at 137.0m. 30% of the veins occur at random angles. No sulphide was noticed. 114.2-115.8m, The interval is dark green and very hard. In places, minor silica alteration is present. Where traces of silica alteration are present, minor light green chlorite is present. 119.4-123.5m, 128.8-129.4m, These intervals are made of a fine to medium grained rock. They are yellowish green in colour due to a mix of epidote and possibly sericite alteration. In these intervals, the alteration is closely related to the veining. The intervals are likely different in composition, as the surrounding rocks are not altered the same way. From 123.0-123.5m, a 3cm ankerite-calcite vein cuts the geology at 15° tca. From 119.4-120.6m, The interval contains 50% ankerite-calcite veins up to 1cm with minor quartz in the vein. 126.2-128.8m, This interval contains 30-35% ankerite-calcite veins up to 2cm. The veins either follow the fabric or are at random angles.						
129.4	160.3	ULTRAMAFIC SEQUENCE The intervals is made of ultramafic flows with interflow sediments. The rock is dark green. The	25	129.40	130.60	1.20	5	79
			26	130.60	131.80	1.20	5	55
			27	133.70	135.60	1.90	5	65
			28	143.10	145.10	2.00	5	57

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	As (ppm)
		ultramafic flows, which show spinifex texture, are separated from each other by conglomerates and variolitic flows. The conglomerate is made of ultramafic material and the fragments are up to 10cm in size. The fragments are mostly in a carbonate matrix and vein The carbonate-rich material is mostly Fe-carbonate with minor calcite and quartz. The variolitic flows show light green patches which are often around a more massive area of the same rock. This is similar to what is seen at the north end of the trench on line 26E. The vein content is 10-15%.	29	150.80	152.00	1.20	5	21
			30	152.00	153.20	1.20	5	9
			31	153.20	154.70	1.50	5	65
			32	154.70	156.20	1.50	5	36
			33	158.80	160.30	1.50	5	148
		129.4-131.8m The interval is dark brownish green and shows polysutured patterns. The rock is moderately biotitic or albite altered along the boundaries of the polygons. From 129.4-130.3m, the interval has less biotite/albite alteration but is chlorite rich with a forest green colour.						
		131.8-135.6m Variolitic flows. The rock is yellowish green and shows light green patches in a darker matrix. It is similar to what is seen in trench (L26E). From 133.7-135.2m, the interval shows an increase in carbonate veins up to 10% with veins up to 3mm.						
		135.6-136.3m, The interval shows spinifex textures. It contains few 1cm carbonate veins with minor pyrite.						
		136.3-137.6m, massive flow between two spinifex textured intervals. The carbonate vein content is 30%						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		and the veins are light to medium grey. Trace disseminated pyrite occurs in the veins. The veins are folded.						
		137.6-138.2m, The interval shows spinifex texture with 10% grey carbonate veins up to 7mm.						
		138.2-145.1m, The interval is a mix of massive flows with interflow sediments. The lower two meter shows local brecciation of veins. The interval contains up to 30% carbonate veins. Locally, the carbonate veins are broken and dark grey quartz filled the fractures. Minor tourmaline is associated with them. No sulphides noticed. Minor polysutured texture is also present.						
		145.1-149.8m, The interval shows variolitic rocks which are polysutured flows. The rock is weakly sericitized and epidotized in places. Polysutured textures are locally present.						
		149.8-150.8m, The interval shows spinifex textures.						
		150.8-154.7m The interval is a mix of variolitic flows showing polysutured textures and ultramafic conglomerate. Up to 5% carbonate veins are present. From 150.8-153.2m, the interval is moderately talcose. The carbonate veins reaches 20% and are up to 1cm wide. In the talcose interval, the veins are broken up. No mineralization.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9502

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

154.0-156.2m, several (5% of the whole veins) veins up to 1cm contain minor disseminated pyrite. The pyrite is found at the center of the vein.

154.7-155.0m, The interval shows spinifex textures.

155.0-160.3m, The interval is variolitic flows and interflow sediments. The carbonate vein content is up to 10%. The veins are weakly foliated and mostly follow the foliation of 42° tca. The last 1.5m contains three quartz veins up to 5cm thick. Minor chlorite and feldspar are associated with the quartz. Trace pyrite is found on slickenslide surfaces. One speck of pyrite is present in one quartz vein. No mineralization in the carbonate veins.

END OF HOLE

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.60	-47.00	
100.00	-47.00	
150.00	-47.00	
160.30	-47.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503
Collar Eastings: 2200.00
Collar Northings: -950.00
Collar Elevation: 335.00
Grid: POWELL
Core Size: NQ
Drilled by: Heath and Sherwood (1986) Inc.

Collar Inclination: -50.00
Grid Bearing: 180.00
Final Depth: 193.90 metres
Claim #: 1186330
Stored at Fred Kiernicki, Matachewan

Logged by: A. Faber
Date: November 19-22, 1995
Down-hole Survey: ACID
Test Sediment-Ultramafic Contact

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	6.1	OVERBURDEN
6.1	27.3	VARIOLITIC FLOWS AND INTERFLOW SEDIMENTS The rock is medium to dark green. About 5% of the interval is yellowish green due to light green patches of the variolitic flow (Similar to trench L26E). The interval contains 5-7% carbonate veins (Fe-carbonate-calcite) which follow the foliation or are folded. The foliation is 35° tca at 8.5m, 40° tca at 12.5m. From 10.6-13.1m, the interval is made of interflow sediments. The conglomerate is ultramafic in composition and shows a weak biotitic or an albite alteration. The alteration is dull brass in colour, similar to fine grained pyrrhotite. 13.5m a 1cm folded carbonate vein contains 1% disseminated pyrite. 14.1-18.9m The interval shows polysutured textures. The interval is moderately talcose. From 15.2-15.5m, a fault gouge contains fragments up to 5cm in a muddy matrix. The carbonate vein content is 5-7%. The veins are along foliation or folded. Locally, minor sericite

	ASSAYS				
SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	As (ppm)
1	11.50	13.10	1.60	5	81
2	13.10	14.10	1.00	5	5
3	15.20	15.50	0.30	5	5
4	17.40	18.90	1.50	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		and epidote occur over two 30cm intervals at 14.9-15.2m and 18.2-18.9m. From 17.4-18.9m, The interval contains three 1cm carbonate veins with 1% disseminated pyrite. 18.9-27.3m, The interval is characterized by ultramafic interflow sediments with few intervals of variolitic flows. The variolitic flows are less than 1m thick and make 20% of the interval. The carbonate veins are up to 1cm thick and are either folded or follow the foliation. There is 5-7% veining. The foliation is 50° tca at 26.6m, and 35° tca at 20.2m. At 25.3m, 3cm of spinifex texture could be a fragment. 26.7-27.3m The interval is brecciated. The fragmented rock has pieces up to 5cm and they are surrounded by black chlorite alteration. There is no mineralization.						
27.3	37.2	CHERT, SILTSTONE, ARGILLITE AND BRECCIA	5	27.30	28.10	0.80	5	304
			6	28.10	28.90	0.80	5	5
		27.3-28.1m, Heterolithic breccia. The fragments are up to 2cm and they are of chert, volcanic rocks, carbonate vein and quartz. The interval is fragment supported with a graphitic matrix. The interval is blocky and locally oxidized. From 28.0-28.1m, a 10cm quartz vein with minor feldspar contain trace of fuchsite.	7	28.90	29.80	0.90	5	5
			8	29.80	31.30	1.50	5	5
			9	31.30	32.80	1.50	5	5
			10	32.80	34.30	1.50	5	254
			11	34.30	35.80	1.50	5	172
			12	35.80	37.20	1.40	5	107
		28.1-29.8m, This interval shows bedding of interlayered chert, siltstone, and argillite. The rock						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS SAMPLE No.	FROM	TO	WIDTH	Au (ppb)	As (ppm)
		is medium to dark grey. The beds are locally brecciated, but can be fit back together. Few argillite beds are up to 2cm, and are sulphide free. The siltstone beds are up to 1cm, and can form intervals up to 5cm. The chert beds are of various thickness up to 5cm. The ratio argillite-siltstone-chert is 5:55:40. There is no carbonate vein. The pyrite content is 2%. The pyrite follows fractures and planes of brecciation. In places, stockwork of pyrite is present, where it is moderately brecciated. The section is competent or solid. The foliation is 53° tca at 29.0m.						
		29.8-32.8m, Chert breccia containing 15% siltstone fragments. The fragments can not be put back together. The interval contains 10% fine grained, ground up material which forms a matrix. The fragments are up to 5cm in size. Pyrite is the only sulphide and is in minor amounts along fractures and between fragments. Chlorite alteration is present between fragments and often related to the fine matrix.						
		32.8-33.0m Graphitic argillite bed. The upper and lower contacts are 40° and 45° tca, respectively. The interval contains 2% pyrite associated to fractures and veinlets. The argillite contains 1% carbonate filled veinlets with minor pyrite. The veinlets follow fracturing during brecciation. Few carbonate veins up to 1cm are at the contact with the underlying stratigraphic unit.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		33.0-37.2m, Conglomerate. The interval is both fragment and matrix supported. It is medium green in colour. The fragments are up to 2cm and are of chert, siltstone, quartz pebbles, and carbonate fragments. The interval is weakly to moderately chloritized. Some of the fragments are volcanic in composition. Minor specks of pyrite are found throughout the interval. Oxidation of sulphides created patches of rust at 33.3 and 36.8m. The conglomerate is coarser in the upper 60cm. From 36.3-36.3m, the section comprises 10%, 2mm fragments in an argillaceous matrix, at 20° tca.						
37.8	51.7	ULTRAMAFIC FLOWS	13	41.50	43.00	1.50	5	5
			14	43.00	44.50	1.50	5	5
		37.8-46.2m Ultramafic flows showing spinifex textures. Where the spinifex textures are not present, the flows are fine to medium grained and show a polysutured textures. The rock is light to medium green. The flows are weakly sericitized and epidotized. Carbonate is present in the polysutured "cracks" and form up to 5%. From 41.5-44.5m, the carbonate content reaches 20%. The carbonate is pyrite free. It contains an oxidized mineral which could be hematite, though the oxidation is rusty colour suggesting pyrite. The foliation and alignment of some carbonate veins are at 20° tca.						
		37.8-38.8m Spinifex textures with blades up to 2cm.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		Several 5cm intervals also have spinifex, namely at 39.6m, 40.0m, 40.2m, and 40.7m. 46.2-51.7 The rock is still ultramafic, but has a fragmental/fragmented texture of a monomictic conglomerate. The interval contains up to 10% carbonate veins which are along a weak foliation or folded. No mineralization was noticed. The rock is weakly chloritized with few intervals with minor sericite and epidote alteration giving the rock a yellowish green colour.						
51.7	56.7	FAULT ZONE The fault zone is characterized by blocky ground and fault gouges. 51.7-55.2m, The widest fault gouge. Out of 3.5m, only 50cm of mud and 1cm fragments were recovered. The mud is dark grey and possibly graphitic. 55.2-56.7m, This interval is made of blocks up to 7cm and three 5-10cm fault gouges. The rock is talcose and contains remains of carbonate veins. No sulphide is noticed. One of the fragments has spinifex texture.	15	51.70	55.20	3.50	5	7
			16	55.20	56.70	1.50	5	5
56.7	62.0	ULTRAMAFIC ROCK	17	56.70	58.40	1.70	5	56
			18	58.40	60.60	2.20	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		The upper 20cm has spinifex and is fairly hard. The rest of the interval is talcose with 15-20% carbonate veins. It is very close to a talc chlorite schist. The veins are up to 3mm and are barren of sulphide. Some intervals show foliation from flattened fragments at 40° tca at 58.0m. The carbonate veins in the talcose rock cut the core axis at 65° tca. 57.6-57.8m, a carbonate vein system contains a 1.5cm grey quartz vein. Fuchsite occurs in the halos of alteration for 3mm. Few specks of pyrite are present. 56.7-59.7m, 1m of lost core. In sample 17 (56.7-58.4m) 40cm of lost core. In sample 18 (58.4-60.6m) 60cm of lost core.	19	60.60	62.00	1.40	5	5
62.0	64.7	GRAPHITIC ARGILLITE AND GREYWACKE The upper 40cm is similar to the previous talcose interval with its carbonate veins , but with 20% graphite. The following 40cm is made of graphitic argillite and siltstone beds. The beds are up to 2cm, and do not contain talc. The remainder of the interval is 40% graphitic argillite and siltstone beds, interbedded with greywacke beds up to 20cm thick. The greywacke is medium grained with grains up to 2mm. The greywacke also contains fragments of argillite and sandstone up to 5mm. All fragments are flattened. No top could be determined. The bedding is 55° at 62.9m	20	62.00	63.30	1.30	5	5
			21	63.30	64.70	1.40	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		and 60° at 64.3m. The sediments contain up to 1% carbonate filled fractures up to 1mm wide. Minor pyrite is present along the bedding. The last 40cm contains 1% pyrite associated with carbonate filled fractures and along pyrite rich intervals. The pyrite is disseminated along the beds.						
64.7	91.9	ULTRAMAFIC SEQUENCE	22	68.40	69.90	1.50	8	7
			23	69.90	71.40	1.50	5	5
		The interval is made of ultramafic fragments with up to 20% carbonate veins. The veins are up to 3mm thick and are composed of Fe-carbonate and calcite. Talc and chlorite alteration are present with talcose and/or chlorite intervals. Minor 5-10cm fault gouges are present.	24	71.40	72.70	1.30	5	5
			25	72.70	75.40	2.70	5	5
			26	75.40	77.30	1.90	6	5
		64.7-68.4m Medium light green ultramafic fragmental with 15-20% carbonate veins. The interval is weakly to moderately chloritic and talcose. An apparent foliation enhanced by the carbonate veins varies from 60-65° tca.						
		68.4-72.7m The interval is a talc chlorite schist with 30% carbonate veins. The veins are up to 2mm thick. From 69.0-70.7m, 72.4-72.7m, and few 10cm sections, the intervals are brownish in colour, harder and biotitic. Trace fuchsite is associated in the biotitic interval from 72.4-72.7m, where it is at the interface between carbonate veins and host rock. The foliation is 49°						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		tca at 68.9m and 44° tca at 72.4m. At 70.4m, the foliation is 0° tca over 30cm. The rock contains trace pyrite associated with the carbonate veins. 72.7-75.4m, The interval is chloritic and weakly talcose. Some spinifex textures are present in the last 20cm. The interval contains 10% carbonate. The interval is broken up over 10cm at 74.3m and a fault gouge is present from 74.7-74.9m. 75.4-83.6m, The interval is moderately talcose. It is medium dark greyish green due to the talc alteration. Up to 20% of the interval is lighter green, where minor chlorite alteration and trace fuchsite are present at the interface between host rock and carbonate veins (The upper 1.5m). The interval contains up to 25-20% carbonate veins. The veins are up to 5mm thick and contain few specks of pyrite. Few 5mm talc veins are also present. The foliations are 61° tca at 78.0m and 80.7m. Fault gouges are from 79.5-79.9m, 78.6m (5cm), 76.9-77.3m (with blocky intervals from 76.6-76.9m). From 76.0-76.2m, the interval is 70% carbonate veins with trace fuchsite at the interface between carbonate veins and host rock. 83.6-84.5m, The interval is chlorite rich with minor talc alteration. The interval is more competent and 15% carbonate veins are at random distribution and folded. No mineralization.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		84.5-86.2m, The interval is talcose as described from 75.4-83.6m. 86.2-88.0m, The interval is a massive flow. It is medium dark blueish grey and fine grained. It contains up to 5% carbonate veinlets and few veins up to 5mm. The interval is weakly talcose and magnetic. The interval contains minor "varioles" which are up to 7mm. They are concentrated in the upper half of the interval. The "varioles" do not have cores and appear to be radiating outward. 88.0-91.9m, The interval is fragmental in nature. It contains up to 15% carbonate veins. The upper 2m is chloritic and changes to talcose at the bottom of the interval. The carbonate veins contain Fe-carbonate and calcite and a later event contains pink calcite. Specks of pyrite are associated with carbonate veining.						
91.9	108.1	PERIDOTITE (SILL??) AND SEDIMENTARY INTERVALS The interval is a fine to medium grained peridotite and sedimentary sections. The peridotite is magnetic, dark greenish grey and gets greener where chlorite alteration is moderate. The peridotite is massive with 3-5% carbonate filled fractures and trace talc. Interflow sediments, with individual beds less than 30cm thick form 15% of the volume. Up to 25% carbonate veins follow an apparent foliation. The veins are up	27	91.90	92.60	0.70	5	5
			28	98.30	99.60	1.30	5	5
			29	99.60	100.30	0.70	5	5
			30	100.30	100.70	0.40	5	5
			31	100.70	102.20	1.50	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		to 3mm and follow an apparent foliation. Trace pyrite is present within hairline fractures throughout the entire interval. 91.9-92.6m, The interval contains flattened fragments up to 5cm. The interval is fragment supported and contains 5% carbonate veins along fractures and within the matrix (It could be a breccia). There is minor pyrite disseminated in the matrix. 92.6-108.1m, The interval contains several sequence of flows (see below) overlain by flow breccias and interflow sediments. The flow breccias are up to 2m thick and are above the massive flow. Between the flow breccia and the next flow, an interval of fragmental rock is present (interflow sediments) and up to 40cm thick. The interflow sediments are made up of fragments up to 3cm in a carbonate-rich matrix. Minor sulphides are present in the carbonate matrix. The ratio of the flow-flow breccia-sediments are 15:65:20. 94.7-95.0m, 95.6-96.0m, 98.1-98.3m, 99.3-99.5m, 103.6-104.0m, 104.6-105.2m, Massive flows and the rock is fine to medium grained. The rocks are dark green. 98.3-99.3m, The interval is a breccia where the fragments are up to 5cm and subrounded. There is less than 5% matrix and it is fragment-supported. The interval contains 1% of pyrite between fragments. The pyrite is fine grained.						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		100.0-100.4m The intervals is mostly the sediments and contains 30% carbonate veins. The veins are up to 5mm and are light blue. At both ends of the blue vein section, light green chlorite veins are present for 2cm. The chlorite veins contains 20% garnet and minor disseminated sulphides. 100.4-101.9m, The interval contains few green chlorite veins with minor sulphides. 98.9-99.4m, 50cm lost core. Foliations of interflow sediments, enhanced by carbonate veining, are at 49° tca 101.6m, 62° tca at 100.4m, and 49° tca at 97.1m.						
108.1	110.6	SYENITE The syenite is dark pinkish grey and has a glassy look. The rock is fine to medium grained with 1mm crystals; few up to 2mm. The last meter contains 3% amphibole crystals up to 2mm. The syenite contains 2% disseminated pyrite. The syenite is brecciated in 1-4cm pieces. Up to 2-3% chlorite filled hairline fractures. Up to 1% pyrite and trace chalcopyrite are associated with the chlorite. Few fractures have 1-2mm halo of feldspar alteration. Associated with the chlorite are few specks of garnet.	32	107.00	108.20	1.20	5	5
			33	108.20	109.40	1.20	5	5
			34	109.40	110.60	1.20	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		109.8-109.9m, Inclusion of the above peridotite flow. It is brecciated and weakly magnetic. The upper contact is sharp at 47° tca and the lower contact is uneven at 15° tca. At both contacts, a dark mineral and silica are present. The dark mineral could be fine grained biotite with minor disseminated pyrite.						
110.6	117.4	GREYWACKE The interval is medium dark grey. The rock is fine grained. No individual beds can be distinguish even though the interval is made of fragments up to 10cm. The fragments are touching each other and are distinguished by a darker contact line. The foliation/bedding is 55° tca at 114.4m and 57° tca at 117.0m. The rock contains 5% carbonate veins up to 2mm thick. They follow the foliation. No mineralization was noticed. Trace serpentine and green quartz (quartz/fuchsite) and few chlorite-garnet veins up to 2cm are present.						
117.4	127.4	GREYWACKE (IP ANOMALY) The greywacke is similar to the previous interval. The rock is dark grey with greenish sections. The greywacke forms beds up to 2cm which are uniformed	35	117.40	118.90	1.50	15	41
			36	118.90	120.40	1.50	22	107
			37	120.40	121.90	1.50	21	42
			38	121.90	123.40	1.50	10	5
			39	123.40	124.90	1.50	8	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		grained. Up to 5% of the section is characterized by light chlorite veins up to 1cm thick. In places, it forms clusters up to 3cm. The areas of chlorite alteration have sharp contacts with the host rock. From their distribution, the chlorite veins appear to be chloritization of carbonate veins. Fractures within the chlorite veins contain 1% pyrite. The sulphide content of the interval is 2%, concentrated in 20cm intervals. Between the interval of higher pyrite content, trace pyrite is present. The rock is fairly hard or harder than a knife.	40	124.90	126.40	1.50	11	5
			41	126.40	127.40	1.00	9	6
		118.7-118.9m, 120.5-120.7m, and 119.6-119.8m, 10-30% fine pyrite is disseminated along the bedding and can form beds of 2-3mm thick semi-massive sulphides. Minor chlorite is present along the bedding. The foliation is 55° tca at 120.0m. The rock is locally weakly magnetic.						
		121.9-122.0m, and 123.2-123.4m, The interval contains 3-5% disseminated pyrite along the bedding. No alteration is associated with the pyrite.						
		123.4-123.8m, 126.0m(5cm) Dark grey syenite dike. Similar to interval from 108.1-110.6m.						
		126.0-127.4m, The interval is a breccia. The sediments are similar except that there is no chlorite alteration in the upper 60cm. The lower 50cm is a fault breccia with fragments up to 8cm in size. Trace						

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		pyrite occurs in the interval.						
127.4	135.1	PERIDOTITE	42	133.60	135.10	1.50	7	6
		The rock is a very brecciated peridotite. It is very dark grey to black in colour. The hairline fractures create fragments varying from 1mm up to 5mm. The hairline fractures are filled with magnetite. Some of those fractures show laminations of zoning. The magnetite filled fractures are up to 3mm thick making up to 25% of the rock. Few veins up to 5mm contain serpentine which is emerald green and softer than the knife. Other veins contains both serpentine and magnetite. One 2mm carbonate-calcite veins has serpentine at the contact with the host rock. The thicker magnetite veins cut the core at 15-25I tca.						
135.1	137.1	ULTRAMAFIC FLOW	43	135.10	137.10	2.00	5	30
		The rock is dark green. The upper 50cm is remnant of spinifex texture. The rest of the flow is injected by 10-15% carbonate veins which are partially chloritized. The lower 30cm contains 3% pyrite associated with the veining.						
137.1	174.4	GREYWACKE	44	143.40	144.60	1.20	5	5
			45	164.00	165.50	1.50	1242	5
		All greywackes are fine grained. The greywacke is	46	171.20	172.20	1.00	456	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		weakly to moderately magnetic from 137.1-153.4m. 137.1-139.4m, The interval is dark grey. The greywacke is brecciated and 1-15% carbonate was injected. The fragments are up to 5cm and the rock is fragment supported. No mineralization occurs in the interval. 139.4-143.4m, Similar greywacke containing 3% carbonate vein. From 142.2-143.4m, the interval is very blocky with pieces up to 15cm. Some of the pieces of the broken interval are brecciated and carbonate injections form the matrix. One 1cm chlorite-garnet vein is present. 143.4-144.6m, The greywacke is greenish grey. It is weakly chloritized. The interval is locally brecciated and are filled with carbonate. The last 40cm contains 1% disseminated pyrite and minor pyrite along fractures. 144.6-145.1m, The greywacke is medium grey and brecciated. The fragments are up to 10cm. Carbonate acts as a matrix and makes 5% of the interval. No sulphide. 145.1-154.2m, The interval is medium greenish grey. It is a brecciated greywacke with 15% carbonate veining. The veins are locally folded and up to 1cm thick. The veins are partially chloritized. No							

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au (ppb)	As (ppm)
		sulphides. At 150.3m, a 2cm, pink carbonate vein (2nd generation) cut the rocks and the carbonate veining. Trace pyrite is associated with it. 154.2-174.4m, The interval is a medium grey, fine-grained greywacke. The greywacke is bedded with beds up to 5cm. No top could be determined from the core. From 163.5-166.5m, the greywacke is coarser with fragments up to 1cm (possibly a conglomeratic interval). The interval contains two sections with 1% disseminated pyrite (164.0-165.5m and 171.2-172.2m). The section is fairly solid and minor brecciation is noticed. The interval contains 2-3% carbonate veins. The veins are up to 3mm, are folded, and are locally partially chloritized. The bedding is at 65° tca at 152.3m, 58° tca at 160.3, 50° tca at 166.2m, and 53° tca at 172.6m. The lower contact is 51° tca.						
174.4	193.9	SYENITE The syenite is light orange. It is medium grained with an average crystal size of 1-1.5mm. The syenite contains 5% feldspar phenocryst up to 4mm in size. The interval contains 1% fragments of the host rock (greywacke). The fragments are from 2mm up to 10cm. The fragments less than 1cm show assimilation but the larger ones (up to 20cm) show very little assimilation.	47	177.80	179.30	1.50	40	5
			48	179.30	180.80	1.50	9	5
			49	180.80	182.30	1.50	8	5
			50	182.30	183.80	1.50	6	5
			51	183.80	185.30	1.50	15	5
			52	185.30	186.80	1.50	73	5
			53	186.80	188.30	1.50	18	5
			54	192.30	193.80	1.50	5	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)	As (ppm)
		The syenite show minor chlorite alteration along hairline fractures. Weak feldspar alteration occurs in 2-3cm sections. 177.9-179.4m, 188.7-185.3m, These intervals of syenite contain up to 2-3% pyrite. The pyrite is associated with the mafic component of the rock which consists of chloritized mafic minerals. The pyrite is rarely related to the chlorite-rich hairline fractures. From 184.9-185.3m, the interval is light pink and finer grained. It could be part of a chilled margin or a felsic dike. The sections from 181.3-181.6m and 182.0-182.2m contain 1% finely disseminated pyrite. 185.3-188.3m, Interval of greywacke similar to that described from 154.2-174.4m. The greywacke is brecciated and 1-2% carbonate-calcite veinlets occur between fragments. The interval contains up to 1% pyrite along fractures and is associated with carbonate-calcite veinlets. END OF HOLE						

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-48.00	
100.00	-48.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9503

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

DEPTH	INCLINATION	BEARING
150.00	-47.00	
193.90	-46.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504
Collar Eastings: 2500.00
Collar Northings: -150.00
Collar Elevation: 330.00
Grid: POWELL
Claim #: 1047781
Drilled by: Heath and Sherwood (1986) Inc.

Collar Inclination: -50.00
Grid Bearing: 180.00
Final Depth: 139.00 metres
Test IP Anomaly
Core: NQ, Stored at Fred Kiernicki, Matachewan

Logged by: P.CHUBB
Date: November 23-25, 1995
Down-hole Survey: ACID
Test Splay between Breaks

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
0	27.1	OVERBURDEN					
27.1	50.6	BASALT FLOW	1	28.50	29.40	0.90	5
			2	35.60	36.60	1.00	5
			3	37.90	38.90	1.00	5
			4	48.00	49.70	1.70	5

The rock is greenish grey in colour, massive, very fine to fine grained and competent. Deformation is pervasive with folding, brittle failure and a distinct foliation at 64° tca present. The Basalt flows display signs of having been brecciated (indistinct). The flows are well fractured (stress related) and infilled by quartz, calcite and dolomite (80% carbonate) with minor hematite also present. The veins (5-10% rock volume) range from hairline up to 2cm in width and all appear to have been affected by later deformation. There are at least two stages of vein emplacement displaying crosscutting features. Most of the later emplaced veins are aligned parallel to the foliation. Sulphide mineralization is developed as fine disseminations of crystalline pyrite (<1% rock volume) hosted by the quartz-carbonate veins. Alteration is dominated by chlorite, calcite and quartz. Variable sized carbonate dots are present throughout this unit and make up approximately 3-4% of the rock volume.

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	ASSAYS TO	ASSAYS WIDTH	ASSAYS Au (ppb)
		29.1-29.3m consists of fault gouge with sharp contacts developed with the enclosing basalt. 35.8-36.9m bleached (silicified?) basalt zone displaying fewer quartz-carbonate veins. This zone is hard relative to the chlorite rich basalt and contains no sulphide mineralization. 37.9-39.0m increase in the abundance of quartz-carbonate veins and pyrite mineralization (1% volume). 39.7-43.9m hairline fractures dominated by feldspar mineralogy and/or dolomite (very pale pink). This zone reacts poorly to HCl acid. 48.0-48.3m appears to be a fragmental, monomictic with irregular shaped and variably sized (.5mm up to 1.5mm) fragments of plagioclase. This zone may represent a tuff or a crystalline flow in which the plagioclase crystals survived the deformation better than the mafic mineralogy.					
50.6	53.6	PILLOWED BASALT The rock is medium grey, fine grained and competent. The basalt is pillowed (indistinct) and displays varioles (indistinct) and a breccia component. The varioles decrease in size and abundance away from the	5	51.60	52.70	1.10	7

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		centre of the pillows. The selvages are thin (1-2cm thick) and consist of fine grained chlorite. Fragments within the pillowed basalt are basaltic in composition and may represent trapped interpillowed flow top breccia. This lithology is well fractured, with fractures infilled by carbonate (calcite and dolomite) and quartz. The quartz veins are similar to those in the preceding basalt unit. This lithology is deformed with folding, brittle failure and a pervasive foliation present. The foliation is oriented at 47° tca. Pyrite is developed as blebs (<3mm) associated with very fine grained chlorite rich selvages. Alteration is dominated by chlorite and carbonate (calcite and dolomite). Carbonate dots are present and make up 3% of the rock volume.					
53.6	65.7	GRAPHITIC ARGILLACEOUS CONGLOMERATE BRECCIA	6	52.70	53.70	1.00	5
			7	53.70	54.70	1.00	5
		This lithology is black, very fine grained and hard.	8	54.70	55.60	0.90	5
		This unit like the preceding lithologies has a strong	9	55.60	56.70	1.10	5
		penetrative foliation oriented at 48° tca. The	10	56.70	57.10	0.40	6
		argillite horizon consists of an argillite component	11	57.10	58.30	1.20	7
		that hosts brecciated conglomerate and is intruded by	12	58.30	60.50	2.20	5
		numerous carbonate-quartz veins. Graphite and	13	60.50	62.00	1.50	5
		argillite are the principal components of the matrix.	14	62.00	63.40	1.40	5
		Alteration haloes about the carbonate quartz veins are	15	63.40	65.60	2.20	5
		present and range up to 2cm away from the vein/rock contact. Epidote is present within a few of the fractures. The alteration halo appears to have					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH Au (ppb)
		bleached (silicified) the affected areas. Sulphides are developed along the cleavage planes, within fractures and as thin bands (<3mm thick). The sulphides consist of blebby to finely disseminated pyrite (up to 5% rock volume). The bottom contact is sharp, weakly mineralized and sericite rich. 53.6-55.5m graphitic argillite makes up 60% of rock volume enclosing fragments of basalt. Carbonate-quartz veins are prevalent but are thin (<1.5cm) and strongly deformed. Sulphide mineralization makes up less than 1% rock volume. 55.5-58.1m TRANSITION ZONE from the graphitic argillite dominated matrix to the fragment dominated matrix. Fragments consist of basalt, chert and a lapilli tuff?. There is a gradational contact with the overlying section. The fragments are less than 5cm in length. Sulphides make up less than 2% of the rock volume. 58.1-59.1m similar to transition zone except a marked increase in sulphide content (2-3% rock volume) and carbonate-quartz vein abundance (10% of the volume). Pyrite is developed as 1cm wide massive sulphides in veins. 59.1-65.7m fragment dominated conglomerate breccia with less than 1% pyrite mineralization. Large carbonate-quartz vein (<40cm in width) present at				

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	ASSAYS TO	ASSAYS WIDTH	ASSAYS Au (ppb)
		60.8m.					
65.7	83.1	BASALT FLOW	16	65.60	66.60	1.00	5
			17	69.90	71.00	1.10	5
		This lithology is characterized by metre wide carbonate alteration zones set within massive basalt flows. The flows are fine grained and grey with carbonate dots. The flows are similar in their texture, colour and carbonate content to the previous basalt flows described, and appear to have undergone minor in situ brecciation. The bleached, carbonate rich alteration zones appear massive and fine grained. The entire zone is intruded by thin (<.5cm thick) carbonate (calcite and dolomite) quartz veins. The quartz veins have been dislocated and are oriented parallel and subparallel to the foliation. Deformation is characterized by a strong penetrative foliation. Sulphides are best developed within the carbonate bleached alteration zones where pyrite (1% rock volume) is blebby and mainly associated with the quartz veins.	18	73.40	74.00	0.60	6
			19	75.50	75.90	0.40	5
		65.7-67.8m bleached carbonate alteration zone. Foliation is at 39° tca.					
		69.1-71.6m bleached carbonate alteration zone. Foliation is at 43° tca. This section has a dark argillite fragment enclosed (calcite rich).					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		73.4-73.6m graphite rich zone with semi-massive (10-20% rock volume) pyrite mineralization. Fine grained and black with thin (2cm) sulphide bands parallel to the foliation (44° tca.). 75.5-75.9m minor shear zone, in situ brecciation of quartz vein material and host rock material. Pyrite is developed within fractures and as blebs (<10% rock volume). Foliation at 58° tca, lots of chlorite and calcite alteration.					
83.1	85.9	AMYGDALOIDAL BASALT Dark greenish grey, fine grained and massive basalt. Amygdule-looking features may also be glass shards now altered to chlorite and calcite. A few of the amygdules appear zoned (calcite core) and make up less than 5% of the rock volume. The amygdules are stretched and are <3mm in length. Alteration is characterized by chlorite and epidote (possibly Calcite is restricted to the carbonate-quartz veins with epidote forming as a zonation within some of carbonate-quartz veins. Deformation is characterized by a pervasive foliation and brittle failure (as displayed by quartz veins). Stretched amygdules suggest that movement is dextral with foliation oriented at 45° tca. Sulphide mineralization is limited (1% rock volume) and consists of blebby (<.5cm) pyrite.	20	83.60	85.10	1.50	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	ASSAYS TO	WIDTH	Au (ppb)
		85.6-85.9 breccia zone, possibly a flow top breccia characterized by amygdule rich fragments set within a similar matrix. Sulphides are blebby and make up less than 1% of the rock volume.					
85.9	100.3	BASALT FLOW	21	85.70	86.00	0.30	26
			22	86.00	87.20	1.20	6
		The basalt flow is dark green, fine to medium grained, massive and competent. The basalt flow contains the carbonate dots that increase in size as the grain size of the unit increases. Chlorite lathes or discontinuous veins are also present. This unit is cut by a number of carbonate quartz veins usually less than 2cm wide and barren of sulphides. The carbonate-quartz veins are zoned and contain bands of chlorite as well as chloritic fragments. Thin (<4mm wide) veins of epidote and carbonate minerals are also present (2% rock volume). The unit displays a weak but pervasive foliation. Alteration is dominated by chlorite and epidote, with carbonate restricted to the carbonate-quartz veins. Sulphides are represented by blebby pyrite that is developed dominantly within the basalt but also in proximity to the veins.	23	97.00	98.60	1.60	5
			24	99.40	100.30	0.90	5
		97.0-98.6 2-3cm thick carbonate-quartz veins (subparallel to core axis) with blebby pyrite mineralization. Foliation is at 50° tca.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	ASSAYS TO	ASSAYS WIDTH	ASSAYS Au (ppb)
		99.4-100.3 Quartz veins with 3cm wide alteration halo of epidote and carbonate minerals.					
100.3	118.4	PILLOWED BASALT	25	103.20	104.70	1.50	11
		The pillowed basalt is medium green grey, very fine grained and strongly altered. The contact with the overlying basalt is sharp and defined by a breccia (1-2m thick), and the underlying contact with the mafic dike. This zone is characterized by pillows (indistinct) and interpillowed breccias that have undergone weak deformation. Foliation at 107m is oriented at 46° tca. Breccia zones are generally thin (<30cm thick) and may represent interpillowed breccia zones. The angular breccia fragments are set within a shard and chlorite rich matrix. The pillowed basalt is crosscut by numerous thin carbonate-quartz veins and epidote-feldspar?-carbonate-quartz veins oriented at various angles subparallel to the core axis. There are at least two stages of vein development as defined by their crosscutting relationships. Alteration is characterized by pervasive chloritization along the selvages and saussuritization and bleaching (carbonatization) within the pillows. Sulphide development is usually restricted to the selvages and some of the carbonate-quartz veins. Pyrite is the only sulphide identified and forms as fine crystalline disseminations within the pillows (<1% rock volume) and					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		carbonate-quartz veins (trace abundance). Coarse pyrite blebs and fine grained disseminations are developed within the selvages (1-2% rock volume) of the pillows. (Core box#23 dropped by drillers). 100.3-102.6 flow top/front pillow breccia unit, characterized by brecciated pillow material. Fragments are less than 10cm in length.					
118.4	120.7	MAFIC DIKE The mafic dike is dark grey, fine grained and massive. This unit zone appears to be relatively undeformed and altered and is quite hard relative to the overlying and underlying rock types. The dike is crosscut by thin (<1cm thick) unmineralized carbonate-quartz veins (5% rock volume). The veins display brittle failure but are otherwise undeformed. The mafic dike is non-magnetic.					
120.7	139.0	PILLOWED BASALT Identical to section 100.3-118.4m. Foliation at 134.5m is oriented at 56° tca. END OF HOLE					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9504

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

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-49.00	
100.00	-48.00	
139.00	-47.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9505
Collar Eastings: -400.00
Collar Northings: 50.00
Collar Elevation: 340.00
Grid: POWELL
Claim #: 1048716
Drilled by: Heath and Sherwood (1986) Inc.

Collar Inclination: -50.00
Grid Bearing: 180.00
Final Depth: 267.00 metres
Test Three IP Anomalies
Core: NQ, Stored at Fred Kiernicki

Logged by: M. KOZIOL
Date: NOVEMBER 25-30, 1995
Down-hole Survey: ACID TEST
Test Sediments-Volcanic Contact

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
0	1.5	OVERBURDEN					
1.5	44.7	LAPILLI TUFF (CALC-ALKALIC SUITE) The core is a light grey-green color, foliated and has a fragmental texture. Fine lapilli sized fragments of dacite (andesite ?) make up 30% of the rock and broken feldspar crystals 10%. Some of the lapilli are chloritized. These are set in a chloritized dacitic to andesitic tuff. A few narrow quartz-carbonate veinlets cut this unit and from 26.2m to 43.0m make up 3% of the volume. 34.9-36.0 the section is cut by several quartz-carbonate veins. These are fracture fill veins oriented at various angles to core axis. The veins make up 30% of this section. Foliation at 8.0m is 40°. The contact with the underlying sediments is an unconformity, where the 45° to core axis lapilli tuff overlies 70° to core axis limy sediments. The contact area is clean, not weathered, and defined by a 5cm zone of detrital calcareous siltstone.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9505

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS SAMPLE No.	FROM	TO	WIDTH	Au (ppb)
44.7	52.0	IP ANOMALY (GRAPHITIC ARGILLITE)	1	47.90	49.40	1.50	8
			2	49.40	50.90	1.50	5
		This section consists of finely bedded and laminated light grey calcareous and siliceous muds and graphitic argillite. Individual beds range from <1mm to 10cm. There are several discontinuos quartz veinlets and pods associated with sections of the argillite and pyrite forms <1%. The pyrite occurs as cubes, up to 0.6cm, preferentially associated with the argillite sections. Graphite forms from 3% to 5% and occurs mainly along slip surfaces in the argillite. Bedding is locally disrupted (soft sediment deformation) but relatively consistent at 65° to 70° to core axis.	3	50.90	52.00	1.10	9
52.0	140.4	SEDIMENTARY SEQUENCE	4	88.30	89.60	1.30	5
			5	104.40	105.90	1.50	5
		This section includes sandstone, greywacke, calcareous and silicious silstone and occassional narrow argillite.	6	105.90	107.40	1.50	5
			7	107.40	108.90	1.50	6
			8	108.90	110.40	1.50	6
			9	110.40	111.90	1.50	5
		52.0-56.7 this interval is dominated by a yellowish cream coloured, fine grained sandstone. The sanstone is interbedded with silstone beds and displays graded bedding, with tops towards the top of the hole (north). individual sanstone beds range from several centimetres to 0.6m in width. Bedding is at 70° to core axis.	10	119.00	120.00	1.00	6
			11	123.30	124.30	1.00	5
		56.7-58.6 This section is made up of 40% sericitized					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9505

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH Au (ppb)
		clasts (pebbles ?) set in a grey, fine grained, muddy matrix (similar to that seen on line 23E (near the creek). At 57.4m, a 5cm carbonate-quartz vein has sericite and fuchsite associated with it.				
		58.8-60.4 this section consists of light grey, finely bedded siltstone and mudstone. Bedding is at 70° to core axis.				
		60.4-61.3 greywacke. Fine grained, grey color, massive, and contains fine interstitial calcite. Contains minor amounts of fine disseminated crystalline pyrite.				
		61.3-62.8 finely bedded siltstone and mudstone.				
		62.8-65.5 greywacke, similar to above. Contains minor pyrite.				
		65.5-67.3 this section represents a complete section from a coarse sandstone and conglomerate at the base (near the bottom) to finely laminated mudstones at the top. The conglomerate is only 20cm thick and contains 10% quartzo-feldspathic pebbles. Gritty sandstone forms the bulk of this interval and the upper most 20cm is a lighter grey, soft sediment deformed mudstone.				
		67.3-69.2 sequence of interbedded gritty sandstone with mudstone and graphitic argillite. The argillite is interbedded with mudstone and occurs from 68.5m to				

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9505

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS SAMPLE No.	FROM	TO	WIDTH	Au (ppb)
		68.9. This section contains 1% pyrite and is injected with discontinuous quartz veinlets and pods.					
		69.2-72.8 greywacke, this unit is lighter grey than the one described above. It contains no obvious calcite and conatins 20% chloritized rock fragments which are approximately 1mm in size.					
		72.8-78.4 sequence of interbedded sanstone, siltstone and greywacke. Individual beds are up to 0.8m thick.					
		78.4-84.6 greywacke; fine grained, grey color, contains interstitial calcite. Similar to that from 60.4m to 61.3m. From 81.0m to 81.5m, a section of finely laminated mudstone and chert.					
		84.6-98.3 this section consists of bedded light to yellowish coloured mudstones. Individual beds range from a few millimetres to 20cms. The interval also includes a few narrow (<20cms) greywacke beds. Bedding is at 70° to core axis. Some of the beds are brecciated insitu and others are fractured (dewatering ?) and the fractures are filled with yellowish sericite. The section from 88.3m to 89.0 is brecciated and the breccia is filled with quartz carbonate veins. The veins make up 15% of the interval. Traces of cubic pyrite are also present in this section.					
		98.3-99.9 greywacke, fine grained, gray color massive.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9505

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		99.9-112.2 section of bedded mudstones similar to that from 84.6m to 98.3m. From 104.4m to 112.2 the beds are brecciated and sericitized. Quartz-carbonate veins, locally form 25% over 10 to 20cm widths. Minor cubic pyrite is found near some of the sericitized fractures.					
		112.2-114.7 fine grained greywacke.					
		114.7-120.0 bedded siltstones. These are light grey color with brownish mudd seams between the beds. From 119.0m to 120.0m the section is brecciated and injected with quartz-carbonate veins. Veins make up 10% of this section.					
		120.0-123.3 greywacke, fine grained.					
		123.3-124.2 a section of siltstone beds that are fractured, sericitized and contain 30% quartz-carbonate veining.					
		124.2-130.6 bedded siltstone and mudstone with minor greywacke interbeds. Minor pyrite is associated with some of the greywacke beds.					
		130.6-132.5 coarse grained greywacke with 15% chloritized mafic volcanic ? fragments. The fragments are up to 3mm.					
		132.5-136.9 bedded siltstone, mudstone and graphitic					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9505

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS SAMPLE No.	FROM	TO	WIDTH	Au (ppb)
		argillite (IP anomaly ?). There are three graphitic argillite units in this section, from 134.1m to 134.4m, 135.6m to 135.8m and from 136.4m to137.9m. Each of these contains approximately 5% coarse graphite smeared onto bedding surfaces. Bedding in this section is at 75° to core axis. 136.9-140.3 greywacke. The upper section is a mudstone and the lower section is a fine grained grey coloured, massive greywacke.					
140.3	267.0	BASALT The upper 20cm is brecciated and quartz-carbonate veinlets form 15% of the rock. This section also contains 2% coarse pyrite The basalt is fine grained, grey green color, and amygduloidal. Carbonate amygdules are up to 0.7cm in size and form 3% of the volume. Trace amounts of pyrite are disseminated throughout the basalt to 177.0m. The pyrite occurs as fine crystals and clusters, up to 2mm, of fine crystals. 150.0 197.5 the basalt is fine grained, darker green than the amygduloidal flows, and is weakly chloritized. Amygdules occur infrequently. 177.0-179.0 the basalt is cut by wispy quartz-epidote veinlets. These are randomly oriented and form 5% of the volume.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9505

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

178.0-197.5 the basalt is strongly magnetic and sections contain from 3% to 5% fine disseminated anhedral to subhedral magnetite crystals.

197.5-233.2 this section consists of several amygduloidal flows, each topped with flow top breccia zones, up to 1m wide. Amygdules are up to 0.7cm and locally form 5% of the volume.

At 210m, a weak foliation is developed at 70° to core axis. Foliation is due to flattening and alignment of calcite and quartz filled amygdules.

233.2-243.0 massive flows. These rarely contain amygdules.

243.0-267.0 amygduloidal flows.

267.0 END OF HOLE

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-48.00	
62.50	-47.00	
75.00	-46.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9505

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

DEPTH	INCLINATION	BEARING
87.50	-45.00	
100.00	-44.00	
183.00	-40.00	
239.00	-38.00	
267.00	-37.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506
Collar Eastings: -400.00
Collar Northings: -745.00
Collar Elevation: 350.00
Grid: POWELL
Core Size: NQ
Drilled by: Heath and Sherwood (1986) Inc.

Collar Inclination: -50.00
Grid Bearing: 180.00
Final Depth: 148.10 metres
Test IP Anomaly in Syenite
Stored at Fred Kiernicki, Matachewan

Logged by: A. FABER
Date: DECEMBER 1-3, 1995
Down-hole Survey: ACID
Claim #: 1048701

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
0.0	4.2	OVERBURDEN					
4.2	23.5	SYENITE	1	8.10	9.60	1.50	9

The syenite is reddish orange. The rock contains 15-20% amphibole crystals up to 4mm. The mafic crystals are mostly euhedral with some being interstitial to the feldspars. The amphibole crystals are moderately to strongly chloritized and saussuritization is locally present. The feldspar crystals are up to 4mm and euhedral. There is 70% K-feldspar and 10% plagioclase in the syenite. The feldspar component of the rock has a moderate to strong potassic alteration. From the alteration, the crystal boundaries are often invisible, producing a reddish uniform mass. About 5% of the interval has only a weak feldspar alteration. The interval contains minor clay alteration affecting a specific mineral. The clay is light beige and is sericitic. The rock contains few inclusions, up to 2cm, of recrystallized country rock. They are mafic, fine grained and chloritized.

The rock is moderately fractured with pieces up to 5cm. The fractures are 1mm thick and filled with black

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		chlorite. The chlorite fills the hairline fractures and makes 1-2% of the volume. Few 10cm intervals have more pervasive chlorite alteration. The rock contains minor quartz-calcite veins up to 2mm thick. Few veins are pure smoky quartz. The rock contains 1% specular hematite associated with the mafic component of the rocks. 8.1-9.6m The interval is brecciated and black chlorite occurs along fractures. The chlorite makes 2-3% of the interval. The interval also contains up to 1% milky and smoky quartz filled fractures. They are up to 3mm thick. They often follow the core axis. In this interval, a lot of the chlorite filled fractures are at 68-78° tca. Due to fracturing, the rock is locally blocky over 10cm sections. 16.4-17.1m The intervals is blocky. 11.7m, a fragment covers half the core and appears to be a highly chloritized syenite, where all feldspar was altered. The mafic minerals are similar to the host syenite. It is dark grey. One speck of pyrite.					
23.5	148.1	SYENITE The rock has a very weak potassic alteration. The	2	27.20	28.70	1.50	8
			3	39.50	41.00	1.50	5
			4	73.10	74.60	1.50	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS SAMPLE No.	FROM	TO	WIDTH	Au (ppb)
		mineralogy is distinctive. The syenite contains 15% amphibole (up to 4mm), 2% specular hematite pockets (2mm), 1-2% quartz, 10% plagioclase crystals (3mm), and 70% K-feldspar crystals (3mm). The rock is medium pink. The rock is locally altered with potassic or weak chlorite alteration. The rock is brecciated; breccia forms pieces up to 4cm. Black chlorite fills the hairline fractures and the chlorite forms up to 2% of the interval. The black chlorite filled fractures can be up to 1mm wide. The rock contains trace saussuritization and trace clay altered crystals. In places, minor quartz fills voids which are randomly distributed. Hairline fractures and veins follow a general orientation of 57° tca at 40.0m, and 45° tca at 43.1m.	5	74.60	76.10	1.50	5
			6	81.10	82.60	1.50	5
			7	82.60	84.10	1.50	5
			8	84.10	85.60	1.50	5
			9	85.60	87.10	1.50	5
			10	87.10	88.60	1.50	8
			11	102.20	103.70	1.50	5
			12	103.70	105.20	1.50	5
			13	107.50	109.00	1.50	6
			14	109.00	110.50	1.50	5
			15	110.50	112.00	1.50	5
			16	124.70	126.20	1.50	5
			17	126.20	127.70	1.50	5
			18	130.20	131.70	1.50	5
			19	132.90	134.40	1.50	5
			20	134.40	135.90	1.50	5
		The syenite contains intervals up to 1m in size with moderate potassic alteration. When altered, the feldspar crystals still have distinct boundaries.	21	135.90	137.40	1.50	5
			22	147.10	148.10	1.00	11
		23.5-28.7m The rock is similar to the previous interval with less potassic alteration. It is a transition zone with fresh syenite that follows. The interval is brecciated with 2-3% chlorite filled hairline fractures. The increase in fracture content created a weak pervasive chlorite alteration (5% of the interval). No sulphide. It contains 1% pockets of specular hematite. From 27.2-28.7m, the interval contains up to 1% quartz-calcite veinlets, 1mm in width. Black chlorite is at the contact with the host					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		rock and the veinlets. The breccia produced pieces up to 4cm and the rock is competent.					
		34.7-35.0m, 36.9-37.5m, 48.0-48.3m, 54.3-54.5m, and 56.5-57.5m (fractures along the core axis), Blocky intervals with fragments varying from 0.5cm up to 10cm in size.					
		39.5-41.0m, The interval contains four 1cm quartz-hematite veins. No sulphides associated with them.					
		50.6-148.1m, The interval is weakly magnetic. The mafic portion of the rock contains the magnetite. At one place, an amphibole crystal was chloritized which in turn was surrounded by a 0.5mm rim of magnetite.					
		56.7-57.2m, The interval is a fine grained matrix with 10-15% feldspar phenocrysts of 1mm in size. It could be a chilled margin. A possible contact is present at 57.0m, at 56° tca.					
		57.5-57.6m, A fault breccia with fragments up to 1cm in a ground up syenite. No sulphide.					
		57.2-80.7m The syenite is similar to the previous interval, but contains up to 5%, 7mm plagioclase phenocrysts as big as 7mm. It is medium pinkish orange and shows a weak potassic alteration. The interval is brecciated with fragments up to 4cm. Black chlorite fills the hairline fractures between the fragments.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		The interval contains 10-15% fault breccia. The fault breccias are up to 10cm thick and contain fragments (<1cm) within a ground up syenite matrix. No sulphide is present. The fracturing and fault breccias have more or less the same angle to core axis; 40° tca at 64.5m, 38° at 68.9m, 25° tca at 72.3m, 45° tca at 74.5m, and 45° tca at 78.5m. Fracturing along the core axis is frequent. From 66.2-66.4m, the interval is blocky and broken along chlorite filled fractures. From about 76.5m to 80.0m, minor specular hematite is present as part of the mafic component of the rock. 73.1-76.1m, The interval is brecciated and contains an increase in potassic alteration. At 74.6m, moderately high potassic alteration is present over 10cm, along a 1mm wide quartz vein. At 72.7m, trace pyrite is smeared along black chlorite filled microfractures. Few 1cm fault gouges are present. Locally, minor quartz is associated with the black chlorite. 80.7-88.0m, The syenite is similar to the previous interval (textures and breccia), except for the alteration. Up to 60% of the interval has a moderate potassic alteration. It is medium orange. The remaining 40% is dark grey with some orange patches in it. The grey intervals are up to 10cm thick and have diffuse boundaries. The grey intervals appear to be related to bleaching of the K-feldspar. The grey domains are either along few fault breccia, on random fragments or as halos of alteration. Minor quartz is					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506

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

present in fractures. The interval is blocky from 82.6-82.8m and in other 5cm intervals. Few specks of pyrite.

86.8m, 40cm lost core.

88.0-88.6m FAULT GOUGE in the syenite with 30cm lost core.

88.6-92.7m Interval similar to 80.7-88.0m, except that the rock is fairly competent. The rock is still brecciated. The grey alteration covers 40% of the interval and is due to bleaching only. At 92.6m, a fracture at 37° tca shows a 10cm halo of alteration.

92.7-98.8m The interval is a medium orange syenite. A weak to moderate potassic alteration is present. The syenite contains 15% chloritized amphibole. The rock is uniform grained with 1.5mm crystals and few 3-4mm phenocrysts. As previously described, the rock is brecciated and has black chlorite filled fractures. The interval is blocky over 20cm at 97.4m and 98.2m. The interval contains minor 5cm bleached grey syenite.

98.8-101.3m, The interval is similar to 88.6-92.7m.

101.3-122.7m, The interval is similar to 92.7-98.8m. The syenite is brecciated with fragments up to 5cm in size. The fractures are filled with black chlorite and minor quartz. From 102.4-103.0m, 107.5-108.0m, and

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506

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

108.7-109.9m, the syenite hosts a 2-5mm quartz hematite veins along the core axis. A fracture-system is present with fractures at 40° tca at 103.9m, 41° tca at 109.4m, and 35° tca at 114.0m. From 103.6-105.5m, minor pyrite is associated with few fractures. The pyrite is associated with fractures showing a 1cm grey halo of alteration and trace chlorite or with few black chlorite filled fractures. There is no sulphide associated with the quartz. From 111.0-111.8m, the interval contains few specks of pyrite along a fracture, minor quartz in a 2cm fault breccia, and minor quartz-calcite veinlets with chlorite.

122.7-128.7m, The interval is similar to 80.7-88.0m where 15% of the rock is medium grey. The grey intervals are bleached syenite. The bleached intervals don't have distinct petrography and all crystals boundaries are diffuse. The grey intervals are from 123.1-123.3m, 123.6-124.0m, and 124.2-124.7m. Few partially bleached intervals (greyish) are 10cm thick. The surrounding syenite has a weak feldspar alteration and is similar to previously described syenite. No sulphides.

128.7-137.4m, The interval is a moderately to strongly hematitic syenite. The rock is medium dark orange in colour. The syenite contains 10-15% chloritized mafic component in a highly hematitic rock. The felsic component of the rock was altered with hematite and almost all crystal boundaries are diffuse. At 132.3m,

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		a 1mm specular hematite vein is present at 20° tca. The syenite was brecciated and minor black chlorite is present. On the other hand, 1% quartz is present along the fractures of the breccia, especially from 130.2-131.7m. A strong hematite alteration follows the core axis at 50° tca at 130.0m. Several quartz-calcite veinlets are late and cut at 65° tca. From 134.4-137.4m, the syenite contains 1% pyrite in the rock as 1mm cubes and clusters. The pyrite is also locally associated to late quartz-calcite veinlets. The rock is blocky from 134.3-134.6m. 137.4-145.3m, The interval is similar to previously described syenites with weak feldspar alteration. The rock is medium light pinkish orange. Few 20-30cm intervals contain a moderate feldspar alteration. The interval is solid except from 137.4-141.0m, where it is blocky and broken up along black chlorite fill fractures. 145.3-148.1m, The interval is medium orange with moderate potassic alteration and weak to moderate hematite alteration. The syenite is brecciated and the fractures are filled with minor chlorite and minor quartz. In the last meter, the syenite contains trace pyrite associated with the mafic component of the rock. END OF HOLE					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9506

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

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-48.00	
100.00	-48.00	
148.10	-47.00	

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507
Collar Eastings: 1600.00
Collar Northings: 275.00
Collar Elevation: 330.00
Grid: POWELL
Claim #: 980238
Drilled by: Heath and Sherwood (1989) Inc.

Collar Inclination: -50.00
Grid Bearing: 180.00
Final Depth: 178.60 metres
Test IP anomaly in Sediments
Core: NQ, Stored at Fred Kiernicki

Logged by: A. FABER
Date: DECEMBER 3-5, 1995
Down-hole Survey: ACID
Test North Arm of the Larder Lake Break

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	2.5	OVERBURDEN
2.5	7.9	SEDIMENTS

1.5-2.2m, Fine grained greywacke. The sediments form beds up to 5cm. They do not show distinct boundaries and the are weakly sericitized and carbonatized. At 2.1m, few microfractures are filled with sericite and trace fuchsite at 55° tca.

2.2-3.3m, The interval is made of a coarser greywacke. It is medium grey with minor sericite alteration.

3.3-5.0m, The interval is a medium grained greywacke with quartz pebbles up to 2-3mm. The greywacke is highly sericitized and locally moderately carbonatized. Few 5cm sections are fine grained. No sulphide is present.

5.0-5.4m, Similar to 2.2-3.3m.

5.4-5.8m, The interval is made of 90% quartz fragments and quartz veins. The quartz fragments are fractured and sealed and contain fine grained dark chlorite. The quartz is light grey. Few specks of pyrite are

SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
1	1.50	2.20	0.70	5
2	2.20	3.30	1.10	5
3	3.30	5.00	1.70	5
4	5.00	5.80	0.80	5
5	5.80	6.90	1.10	5
6	6.90	7.90	1.00	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		present. The remaining 10% are pieces of host rock. 5.8-6.9m, The interval is a medium grained greywacke with fragments up to 1.5mm in size. Apparent beds are up to 20cm thick and are uniform grained. The rock is weakly sericitic. Few fractures show oxidation. Minor disseminated pyrite is present. 6.9-7.3m, The interval is similar to 5.4-5.8m. 7.3-7.9m, The interval is made of 90% white quartz veins and 10% host rock. The veins are from 1cm to 20cm wide. Up to 1% pyrite is associated with host rock but no sulphide was noticed in the quartz veins. The host rock material is weakly carbonatized and sericitized. The bedding is 62° tca at 5.0m and 45° tca at 6.1m.					
7.9	10.4	FELDSPAR PORPHYRY DYKE The interval is massive and light grey. Few fractures with 1cm wide oxidized halo of alteration are present. The rock contains minor specks of yellowish clay mineral and minor disseminated pyrite. The rock is weakly sericitic and could be weakly carbonatized. The crystals are up to 2mm in size and are stretched. The crystals have diffuse boundaries.	7	7.90	9.10	1.20	5
			8	9.10	10.40	1.30	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
10.4	15.8	SEDIMENTS	9	10.40	12.20	1.80	174
			10	12.20	13.90	1.70	59
		The interval is made up of fine grained sediments with beds up to 1cm thick. The sediments are highly sericitized and carbonatized. Oxidization of the carbonate-rich beds gives banding of yellow and orange colours. No distinct graded bedding was noticed. No sulphide and very little quartz veining present.	11	13.90	15.60	1.70	6
		11.3-14.1m, The interval is moderately oxidized by underground water.					
		12.0-12.2m, The interval contains black chlorite along few 1cm veins. Minor pyrite is present in proximity to quartz veins.					
		15.6-15.8m, The interval is weakly chloritized. It could be volcanic derived sediments. Minor bedding can be seen. Up to 1% pyrite is present as 2-3mm clusters along the bedding and associated with minor quartz veins.					
		The bedding is 55° tca at 10.8m, and 55° tca at 14.0m.					
15.8	17.7	DIABASE DIKE					
		The rock is medium dark grey and is fine grained.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		Locally, mafic crystals up to 2mm are present. The rock is massive. Few fractures are filled with quartz. No sulphide. The upper and lower contacts are 30° tca and 65° tca, respectively. There is a weak foliation at 52° tca in the last 70cm.					
17.7	22.1	SEDIMENTS	12	17.70	19.10	1.40	5
			13	19.10	20.80	1.70	5
		The interval consists of fine grained sediments similar to previous section. The beds are distinct and are up to 3cm thick. Several graded bedded intervals support the theory of the hole going down stratigraphy. The rock is weakly sericitized and carbonatized.	14	20.80	22.10	1.30	5
		18.9-19.1m, The interval contains 60% black chert or argillaceous beds up to 4mm. Up to 5% quartz veins are also present. From 17.7 to 19.1m, the black argillaceous beds are up to 3mm and form 1% of the interval. The bedding is 51° tca at 20.0m.					
		19.2-19.4m, The interval is moderately sericitic with minor chlorite.					
		19.4-19.9m, Few coarse pyrite crystals are randomly distributed.					
		19.6-19.8m,, The interval is moderately sericitic and contains four quartz veins up to 7mm wide. There is no sulphide associated with the veins.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		20.7m, A 3cm interval contains 20% crystalline pyrite associated with quartz and sericite. 20.7-20.8m, Small diabase dike. 20.8-22.1m, Minor coarse pyrite crystals randomly distributed.					
22.1	26.7	MAFIC FLOWS 22.1-24.4m, The interval is a medium grey, massive mafic flow with 25% pyroxene phenocrysts. The phenocrysts are chloritized or saussuritized and they are in a fine grained matrix. The phenocrysts are up to 3mm and are flattened along a weak foliation of 60° tca. 24.4-24.5m, Interflow sediments. The interval contains 50% quartz from a quartz vein. The rest of the rock is fine to medium grained sediments which are sericitized and weakly oxidized. The interval is bedded at 60° tca. 24.5-26.7m, Fine grained, massive mafic flow. The flow contains up to 3% feldspar phenocryst which could be flattened amygdules. They are up to 2mm and are whitish. Minor calcite-quartz filled fractures cut the foliation at 30° tca.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	ASSAYS TO	WIDTH	Au (ppb)
26.7	27.7	SEDIMENTS AND GRAPHITE (IP ANOMALY) The upper 20cm is a mix of finely laminated graphitic argillite and siltstone. Locally, the siltstone contains minor graphite. The lower 80cm contains 30% quartz veins with calcite (white and pink), minor tourmaline, sericite and chlorite. The host rock appears to be a sericitic siltstone. The interval is highly brecciated. Trace pyrite and chalcopyrite are associated with the calcite (similar to trench on L28E). The lower 10cm of the interval contains up to 20% pyrite.	15	26.70	27.70	1.00	10
27.7	30.4	PILLOWED BASALT The interval shows pillows up to 30cm in size. The rock is weakly brecciated. The pillows are light green with dark chlorite-rich selvages. The selvages shows a lot of brecciation. Trace pyrite is present in the selvages. The basalt is weakly carbonatized.					
30.4	32.1	MAFIC TO INTERMEDIATE FLOW The interval is a fine grained mafic to intermediate flow. It is medium dark grey and massive. It contains 1% feldspar phenocrysts up to 1mm in size. The rock					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		also shows minor yellowish specks which could be carbonate alteration. Trace crystalline pyrite is disseminated as cubes up to 1mm.					
32.1	47.4	MAFIC VOLCANIC ROCKS (PILLOWS)	16	32.30	33.80	1.50	5
			17	41.40	43.20	1.80	5
		The rock of this interval appears to be pillowed basalt. The rock is fine grained and light green. Every 30 to 40cm, a chlorite-rich interval of up to 3cm is present. Often there is brecciation associated with those chlorite-rich interval (see below). On the other hand, the light green rock shows variation in colour within the pillows. This means that the rock could be a fragmental rock or a fragmented pillowed basalt with different degree of alteration. The rock contains what appears to be filled vesicles. From 42.8-43.8m, the interval may be a mafic tuff.	18	43.20	43.80	0.60	5
			19	43.80	45.70	1.90	5
		33.1-33.3m, 34.6m, 38.6-38.8m, 39.5m, 39.8m, 40.4m, 41.4-41.6m, 43.1-43.2m, and 43.7-43.8m, are intervals of brecciation. These intervals contain fragments of the country rock and are located in chlorite-rich sections. Up to 1% pyrite is associated with these intervals. From 33.1-33.3m, the interval contains 1-2% pyrite.					
		36.3-36.8m, and 39.1-39.3m, The intervals are light yellowish green porphyry rock. They are similar to a sericitized andesite porphyry found to the north					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		(calc-alkalic andesite). The rock contains up to 30% chlorite-rich euhedral phenocrysts of 3mm in size. No mineralization is associated with them. At 36.7m, the interval contains two 1cm quartz veins, altering the chlorite-rich phenocrysts to fuchsite.					
		36.8-37.8m, interval similar to 22.1-24.4m					
		43.8-45.7m, Intermediate lapilli tuff. The interval is moderately foliated with sericite on the plane of schistosity. The rocks on either side of this interval are not as foliated. The rock is made of fragments up to 3mm which are flattened. The rock is light yellowish green. It does not contain sulphide. The foliation is 54° tca.					
		46.6-47.4m, The interval is an intermediate flow. It is fine grained and light medium grey. It contains 1-2% fine mafic phenocrysts up to 0.5mm. It is weakly sericitic. It is massive and contains few specks of pyrite. At 46.7m, a 5cm quartz vein contains pieces of host rock and fragments of an earlier quartz vein.					
47.4	88.7	MAFIC VOLCANIC ROCKS	20	54.50	55.50	1.00	5
			21	55.50	56.50	1.00	5
		47.4-50.0m, The interval is a basaltic flow. It is fine grained and dark green. The rock contains 2-3% quartz-carbonate filled amygdules up to 1cm in size. The quartz is both milky and translucent and locally	22	63.90	64.60	0.70	5
			23	78.70	79.70	1.00	5
			24	87.20	88.70	1.50	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		creates concentric patterns. The basalt appears unaffected by carbonate or sericite alteration. Minor fractures are filled with quartz and are up to 2mm thick. Minor pyrite is associated with the quartz in the amygdules and fractures. A weak foliation is at 50° tca at 49.0m. 50.0-54.5m The interval is a basalt flow(s) similar to the previous interval. The interval contains only trace amounts of quartz filled amygdules up to 1mm. Weak foliation of 58° tca at 53.6m. 54.5-56.5m, The interval is a basalt flow(s) similar to 50.0-54.5m. The interval contains 3-5% quartz-tourmaline veins. Up to 50% of the volume of the veins is tourmaline and dark green chlorite. Trace amounts of pyrite are associated with the veins and within few pyrite filled hairline fractures. The quartz veins are 1cm wide with an average of 2-3mm. 56.5-56.9m, Similar to 50.0-54.5m. 56.9-58.0m, The interval is a dark green basalt flow with 1% quartz filled amygdules up to 1mm. The rock also contains 2% disseminated yellowish specks which are related to either carbonate alteration or leucoxene. 58.0-66.4m, Fine grained, dark green basalt flows. The rock contains few intervals with					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH Au (ppb)
		leucoxene/carbonate specks. Minor amounts of amygdules up to 1mm also characterized the interval. From 61.1-62.8m, the interval contains 1-2% quartz carbonate filled amygdules. The interval contains minor quartz-carbonate filled fractures. From 63.9-64.6m, the interval contains 1% pyrite associated to amygdules and quartz-carbonate fractures. A weak foliation is measure as 57° tca at 59.6m and 56° tca at 62.8m.				
		66.4-71.1m, Mafic tuffs. The interval is fine grained and dark green. The rocks shows bedding and is weakly to moderately foliated. The beds are fine grained with 5-10% of the interval containing 3% quartz-carbonate grains up to 1mm. No noticeable alteration is present. Trace amounts of pyrite is present associated with few 1mm wide quartz veins. The bedding is 61° tca at 68.9m.				
		71.1-73.3m, Basalt flow. It contains minor specks leucoxene. The rock is fine grained and dark green. It is weakly magnetic.				
		73.3-74.7m, Diabase. The interval is fine grained and dark green. The diabase has 20cm chilled margins. The rock is cut by 5% quartz-calcite-green chlorite veins up to 1cm in thickness. No sulphide was noticed. The upper contact is uneven and the lower one is at 62° tca, parallel to the foliation. The dike is non-magnetic.				

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		74.7-76.6m, Basalt Flow. Similar to 71.1-73.3m. It is weakly magnetic.					
		76.6-78.7m, Mafic tuffs. The interval is fine grained and dark green. The section includes two intervals of bedded siltstone, 10cm and 20cm thick. The tuffs contain 1% quartz-calcite veins up to 7mm. Minor tourmaline is associated with one vein. Trace amounts of pyrite associated with minor quartz-carbonate grains up to 1mm. The mafic tuffs are locally weakly magnetic. A weak foliation is at 56° tca at 77.0m.					
		78.4-83.8m, Basalt flow(s). The interval is medium dark green and fine grained. It contains 3-5% quartz-carbonate filled amygdules up to 1cm in size. The rock is non magnetic. It contains 1% quartz-carbonate veins up to 3cm thick and they contain minor chlorite. The upper 40cm contains 1% pyrite along hairline fractures and associated with three dark coloured quartz-carbonate-rich sections. A weak foliation of 60° tca is measured at 79.8m.					
		83.8-86.4m, Mafic tuff. The rock is fine grained and medium dark green. It contains up to 5% quartz-carbonate grains up to 2mm in size. Minor quartz-carbonate filled fractures are present. The rock is weakly to moderately foliated at 60° tca at 84.1m.					
		86.4-87.2m, Diabase. Similar to 73.3-74.7m					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		87.2-88.7m, Mafic volcanic rock. The interval is fine grained and dark green. It contains 5% quartz-carbonate filled fractures. The interval contains up to 1% pyrite through out. Minor epidote is present in some of the veins.					
88.7	115.0	MAGNETIC BASALT	25	95.90	97.40	1.50	5
			26	113.40	115.00	1.60	5
		The interval is a weakly to moderately magnetic basalt. The basalt is fine grained, massive, and medium green. The rock is weakly to moderately epidotized. The mafic rock contains 1% epidote in 5mm veins and minor quartz is associated with them. In places, patches of more pervasive epidote alteration are present. Minor pyrite crystals up to 2mm are present in the rock. There is some hematite staining along few fractures.					
		The upper contact is diffuse over 10cm, but a weak foliation of 65° tca defines it.					
		95.9-97.4m, The interval contains up to 1% epidote veins and minor pyrite is associated with them. Minor pyrite is also present in the basalt.					
		101.5-109.2m, The interval is coarser grained. It is of similar composition, but contains phenocrysts (1-2% pyroxene and 1% of epidotized feldspar crystals) in a fine grained matrix. The phenocrysts are up to 1mm. Minor pyrite is present.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		113.5-115.0m, The interval contains 5% epidote veins up to 5mm thick. Minor pyrite is associated with them. A 1cm quartz vein contains minor chlorite and tourmaline.					
115.0	118.7	MAFIC FLOW The interval is a fine grained basalt flow. It is dark green, non-magnetic, and contains 1% of carbonate specks or leucoxene. It is non-magnetic. 117.6-118.1m, The interval is an altered andesite porphyry. It is similar to the ones found with fuchsite alteration in the calc-alkalic andesite to the north. It is sericitized and contains 10% mafic phenocrysts of 2-3mm. The rock if foliated at 63° tca.					
118.7	124.5	MAFIC VOLCANIC ROCKS The interval is of fine grained and dark green mafic volcanic rocks. The rocks are more than 80% mafic tuffs with 20% basalt flows. The flows are fairly massive and contain 1-3% quartz-carbonate filled amygdules up to 1cm. The tuffs are fine grained and contain 1% quartz-carbonate grains up to 1mm. There is a weak foliation at 59° tca at 120.5m, and 60° tca at 123.9m.	27	118.70	120.50	1.80	5

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au (ppb)
		118.7-120.5m, The interval contains 1% pyrite associated with 1cm wide quartz-calcite veins. In these veins, the pyrite makes 20% of the volume. At 118.7m, a 2cm vein contains chlorite.					
124.5	138.8	AMYGDALOIDAL FLOW The interval is a massive basalt flow with up to 5% quartz-carbonate filled amygdules. The amygdules are up to 3mm in size. The rock is dark greenish grey. A very weak carbonate alteration affected the rock. Minor pyrite is associated with the amygdules. Sections contain variable amounts of amygdules. The lower 4m contains less than 1% amygdules and they are up to 1mm in size. Few quartz-calcite veinlets are present. A weak foliation is 60° tca at 128.3m, 56° tca at 132.9m, and 57° tca at 136.0m.					
138.8	144.3	MAGNETIC BASALT The interval is similar to 88.7-115.0m. The basalt has a very weak epidote alteration and it is weakly magnetic. It contains few 10cm patches of moderate epidote alteration. Trace disseminated pyrite occurs in the unaltered rock and associated with the epidote alteration. Minor quartz-calcite filled fractures are present.					

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	ASSAYS TO	WIDTH	Au (ppb)
144.3	146.6	BASALT FLOW The rock is massive, fine grained, and dark greenish grey. The rock contains 2-3% yellowish specks which could be leucoxene or carbonate alteration. Minor disseminated pyrite is present as 1-2mm crystals.					
146.6	148.8	PILLOWED BASALT The rock is light yellowish green. It is fine grained and moderately to highly sericitized. The selvages are chlorite-rich and contain minor quartz and pyrite. The upper 30cm contains 30% quartz with 1% pyrite and minor chlorite. The upper contact is at 60° tca.	28	146.60	146.90	0.30	16
148.8	150.6	INTERMEDIATE TO MAFIC FLOW The interval is very fine grained and light to medium greenish grey. The rock is weakly sericitized and carbonatized. No sulphide is present. The upper and lower contacts are sharp at 66° tca and 57° tca, respectively.					
150.6	159.2	SLUMP BRECCIA The rock is a slump breccia with 50-70% folded	29	150.60	151.70	1.10	5
			30	154.10	155.70	1.60	5
			31	155.70	157.30	1.60	9

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	ASSAYS TO	ASSAYS WIDTH Au (ppb)
		fragments of fine siltstone. The fragments are up to 5cm. The breccia is made of 1-3mm siltstone fragments in a very fine grained, dark matrix. The breccia contains up to 2% quartz and calcite veining. The interval from 150.6-151.7m is faulted, where the 30% fragments are up to 2cm and rounded. From 157.3-159.2m, the interval contains 90% siltstone and 10% matrix and shows little slumping textures. Minor pyrite is present in the matrix and associated with the quartz and calcite, especially from 154.1-157.3m. The foliation is 60° tca at 151.3m and 50° tca at 156.6m. The lower contact is at 52° tca. 151.7-154.1m, Intermediate to mafic dike. It is weakly carbonatized. The rock is fine grained and medium grey. The rock contains up to 3-5% mafic phenocrysts. No sulphide is present. The upper contact is 76° tca and the lower contact is uneven.				
159.2	178.6	MAFIC FLOWS 159.2-161.1m, The interval includes fine grained and medium grey flows. The rock is crystalline with crystals up to 0.1mm. It is weakly carbonatized and it contains minor feldspar phenocrysts (0.5mm in size) with diffuse boundaries. Minor calcite fills few fractures.				

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	ASSAYS TO	ASSAYS WIDTH Au (ppb)
		161.1-163.2m, Similar to 159.2-161.1m, but the interval is weakly chloritized giving the rock a greenish grey colour.				
		163.2-170.4m, The interval is very fine grained and light to medium greyish green. The rock is massive. The interval has no sulphide. It contains minor quartz-calcite filling 1-3mm fractures.				
		170.4-173.3m, Andesite porphyry dike. The rock is medium greyish green. It contains 10% feldspar phenocrysts up to 2mm in size. It also contains minor mafic phenocrysts of similar size. The phenocrysts are euhedral. The matrix is fine grained. The rock is brecciated and contains 1% quartz and calcite veining. In places, the veins are of a mix of carbonate and epidote. No sulphide is present. The upper contact is 62° tca.				
		173.3-178.6m, Similar to 163.2-170.4m.				
		END OF HOLE				

CAMECO CORPORATION

DIAMOND DRILL LOG

PROPERTY: POWELL
HOLE No.: POW9507

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

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-46.00	
100.00	-41.00	
150.00	-39.00	
178.60	-37.00	

APPENDIX E
(previously submitted)

Powell Project, Ontario; Geophysical Programs,
November, 1994, March, 1995

by R. Matthews

2.16490

APPENDIX F
(previously submitted)

Report on the 1994-1995 Bulk Till Sampling Program, Powell Project Powell, Bannockburn, Baden, and Argyle Townships NTS 41P/15 and 42A/02

by: M. Koziol, A. Faber, and P. Chubb

APPENDIX G

Report on the 1995 Trenching in the Powell Project

CAMECO CORPORATION

REPORT ON 1995 TRENCHING ON THE POWELL PROJECT

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

January 15, 1996

Alain Faber
Geologist

TABLE OF CONTENTS

LIST OF TABLE

LIST OF FIGURES

LIST OF MAPS

Map G-3 Detailed Geology - Trench 3 in pocket

SUMMARY AND RECOMMENDATIONS

Three areas of interest were trenched in spring 1995. The first trench was to locate a possible source of gold in till anomaly. The trenching uncovered sections of moderately sheared mafic flows and intermediate volcanic rocks. Detailed mapping and selective grab sampling was done. The best gold value obtained is 5ppb Au associated with pockets of chalcopyrite, up to 1cm in size, in calcite veins. The possible source of gold has not been found in the trench, and the trench can not be extended to the north due to low land.

The second trench uncovered a talc-chlorite schist believed to be the Kirkland Lake Break. Detailed mapping was done and selective samples were collected and sent for assay. The best gold value is 10ppb Au and is associated with ultramafic/mafic sediments close to the contact with the siltstone to the south of trench.

The third trench exposed a 10m wide carbonate zone, which is located between pillowed basalt. Mapping and sampling (grab and channel) programs were completed. The best gold values are in the carbonate zone and include 17ppb Au in a grab sample and 12ppb Au/1m in a channel sample. Prospecting traced the carbonate zone for 400m along strike. Additional sampling along strike did not generate better values.

From the information gathered from trenching, no further work is recommended on any of the trenches or their immediate areas.

1.0 INTRODUCTION

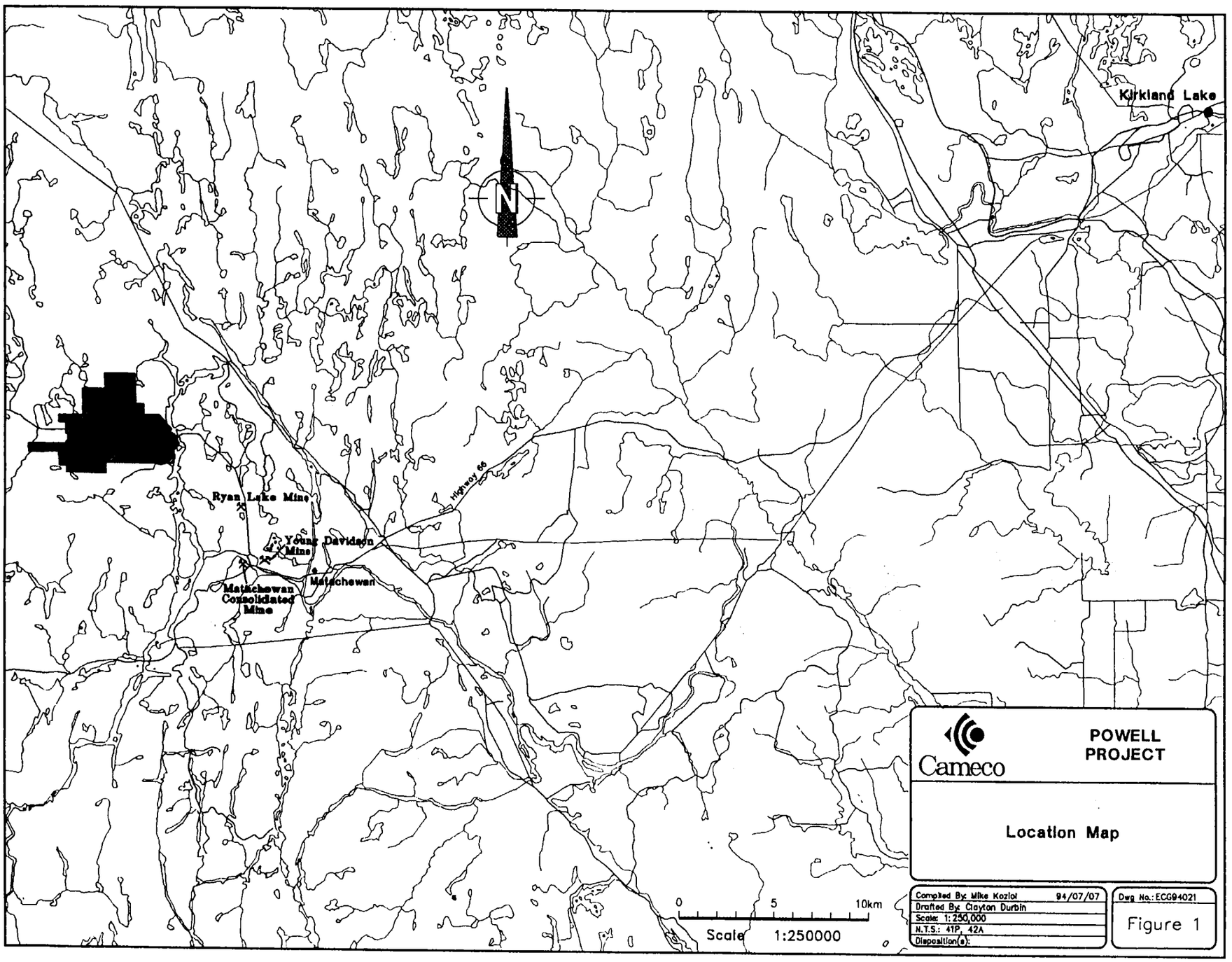
Three trenches were excavated with a 690 John-Deere Backhoe between May 26 to June 1, 1995. The work was contracted to Fred Kiernicki Prospector Services. The trenches were recommended to better understand the property geology.

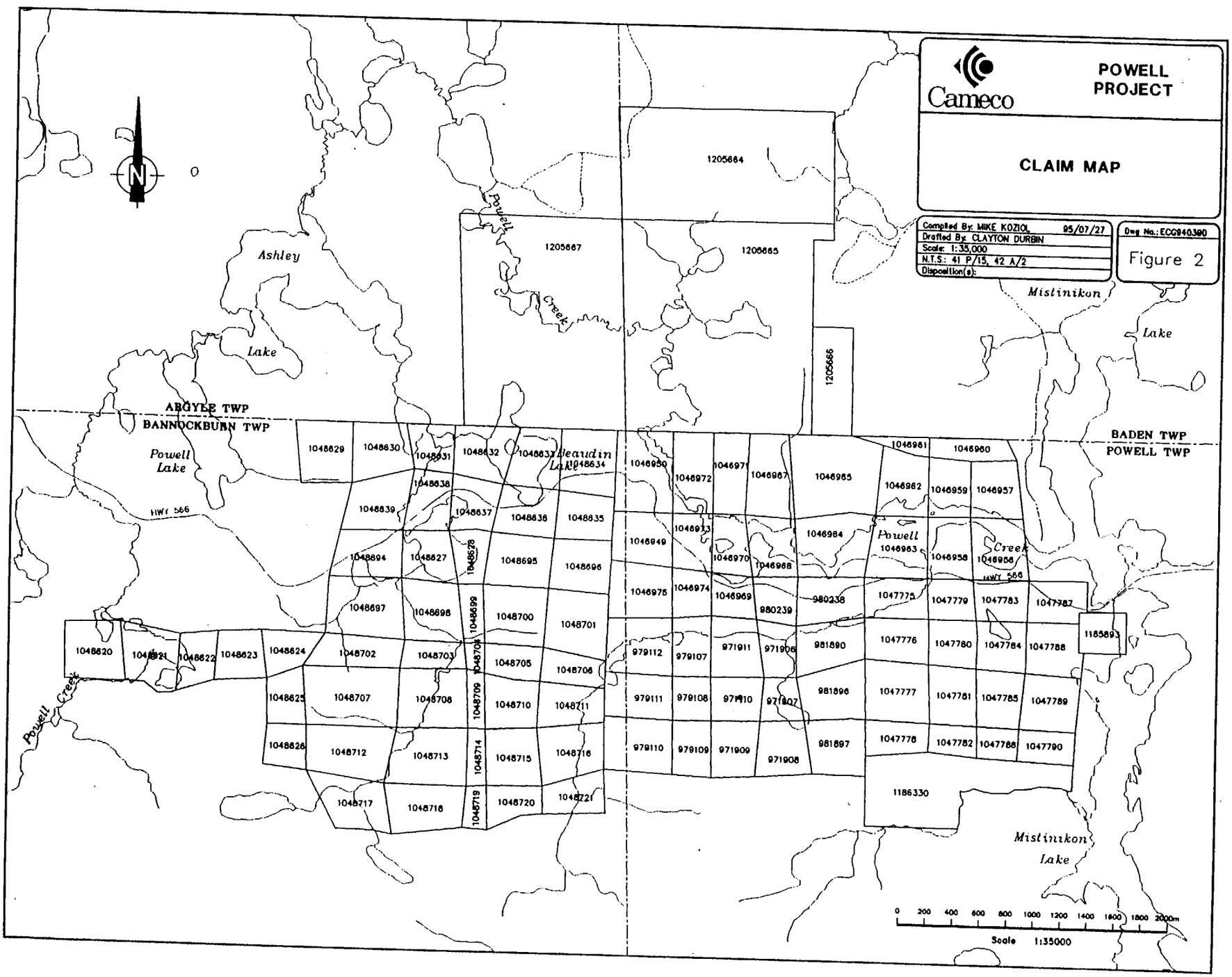
1.1 Property Location and Access

The Powell project is located approximately 15km west of Matachewan, Ontario (Figure 1). The access is provided by an all-weather gravel road (highway 566) which passes through the centre of the property (Figure 2). The trenching was completed on claims 1047778, 1047785, and 1186330 (Figure 3).

1.2 Trenching Program

This report summarizes the trenching program done on the Powell property in 1995. Three trenches were excavated on the property. The work was contracted to Fred Kiernicki Prospector Services and supervised by Cameco geologists Alain Faber and Mike Koziol. The program included trenching, mapping, channel and grab sampling. The detailed mapping was done by Alain Faber. A total of 14 grab samples were collected from the trenches and sent for analysis. The channel sampling, on only one trench, resulted in 17 samples. The sampling was done by Alain Faber and Mike Koziol.


Kirkland Lake
N
Ryan Lake Mine
Young Davidson Mine
Matachewan
Matachewan Consolidated Mine
Highway 66
0
5
10km
Scale 1:250000
Cameco
POWELL PROJECT
Location Map
Compiled By: Mike Koziol 94/07/07
Drafted By: Clayton Durbin
Scale: 1:250,000
N.T.S.: 41P, 42A
Disposition(s):
Dwg No.: ECG94021
Figure 1


Cameco
POWELL PROJECT
CLAIM MAP
Compiled By: MIKE KOZIOL 95/07/27
Drafted By: CLAYTON DURBIN
Scale: 1:35,000
N.T.S.: 41 P/15, 42 A/2
Disposition(s):
Dwg No.: ECG940390
Figure 2
ABOYLE TWP
BANNOCKBURN TWP
BADEN TWP
POWELL TWP
Ashley Lake
Powell Lake
Beaudin Lake
Mistinikon Lake
Powell Creek
HWY 566
1205664
1205667
1205665
1205666
1186330
1186893
0 200 400 600 800 1000 1200 1400 1600 1800 2000m
Scale 1:35000

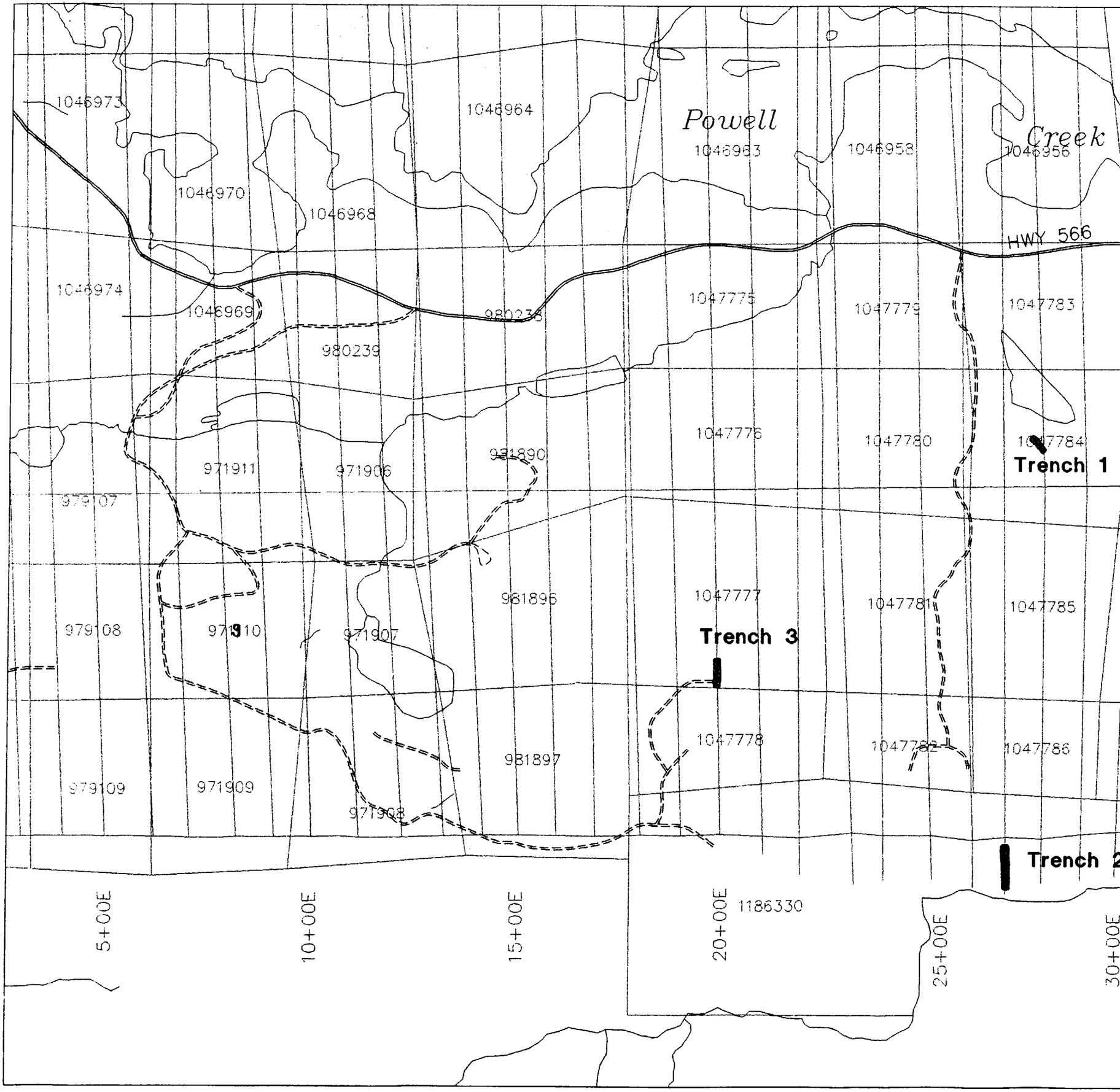

1046973
1046964
Powell
1046963
1046958
Creek
1046956
1046970
1046968
HWY 566
1046974
1046969
980238
1047775
1047779
1047783
980239
1047776
1047780
1047784
Trench 1
981890
971911
971906
979107
981896
1047777
1047781
1047785
979108
971910
971907
Trench 3
1047778
1047782
1047786
981897
979109
971909
971908
Trench 2
1186330
5+00E
10+00E
15+00E
20+00E
25+00E
30+00E

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

Trench #	Claim #	Dimension	Volume of earth moved	Activity	Work done	
1	1047785	48mx6mx0.5m	$144m^3$	Trenching	13.25 hours (Excavator)	Fred Kiernicki and helper
					4 man-days	
				Mapping	1 man-day	Alain Faber
2	1186338	110mx4mx0.5m	$220m^3$	Trenching	16.25 hours (Excavator)	Fred Kiernicki and helper
					6 man-days	
				Mapping	1 man-day	Alain Faber
3	1047778	65mx7mx0.5m	$227m^3$	Trenching	16.25 hours (Excavator)	Fred Kiernicki and helper
					4 man-days	
				Mapping	1 man-day	Alain Faber
				Channel Sampling	4 man-days	Mike Koziol and Alain Faber

2.0 GEOLOGY

Detailed mapping and grab sampling of three trenches were completed on June 24 and June 25, following their excavation four weeks earlier.

2.1 Trench 1

The south-east end of trench 1 is at 115S on L28E. It has a bearing of 315° and is 48m long (see Map G-1). The trench was excavated to find a possible source of an anomalous till sample (POW95T-46). Sample POW95T-46 contains 152 gold grains in a

normalized sample of 10kg, 90% of which are in pristine condition. This suggests a close proximity of the source (Koziol et al., 1996).

The northern half of the trench is moderately sheared basalt that locally shows folding of the foliation. On average, the moderate to strong foliation strikes at 100° and dips steeply to the north. The basalt is locally brittle and contains approximately 5% calcite-filled extension fractures. The mafic volcanic rock is weakly carbonatized and weakly to moderately chloritized. Minor chalcopyrite is associated with the calcite veins and forms pockets up to 1cm in size. Minor pyrite is disseminated in the basalt.

Andesite flows occur in the southern half of the trench. They are porphyritic and contain up to 15% feldspar phenocryst. The phenocrysts are up to 2mm in size and are euhedral to subhedral. The matrix is fine grained and medium dark green, which contrasts with the lighter colour of the phenocrysts. The weathered surface is light green with whitish feldspar phenocrysts. The rock is weakly chloritized and sericitized. The rock is competent, has a uniform texture and has an apparent homogeneous composition. No sulphide mineralization occurs in the andesitic rocks. The intermediate flows contains few inclusions of feldspar porphyry and tuffaceous textured rock (up to 20cm). Both inclusion types are of the same composition. The phenocryst-rich rock also contains xenoliths of highly chloritized rocks up to 1m in size. The xenoliths are dark green and partially 'rotten'. They contain up to 1% disseminated pyrite and are stretched in the same direction as the mineral alignment of the host rock. The andesite has an uniform mineral alignment except in the south-eastern end of the trench where the grain alignment varies from 100° to 178° with a constant vertical dip. From the apparent andesitic composition of the rock, the phenocryst content, the feldspar prophyry inclusions, and the alterations, the rock shows similarities to those found in areas of the calc-alkalic suites at the north end of the property.

The mafic rocks are cut by three mafic, fine to medium grained dikes. Two of them are less than 50cm and a larger one is up to 4m wide. A 50-70cm mafic dike cuts the basalt at the north end. It is a dark syenite or a diabase dike with feldspar alteration.

2.2 Trench 2

Trench 2 is located on L27E from 1045S to 1155S and is the southern extension of a trench initially excavated by Fred Kiernicki in 1993 (See Map G-2 and Leahy, 1992). The initial trench exposed a sequence of ultramafic flows. The rest of the stripping was proposed in order to uncover the rest of the ultramafic flows, a talc-chlorite schist, which is the expression of the Kirkland Lake Break, and the south contact between the ultramafic rocks and the sediments. Four samples were collected on the trench.

The northern part of the trench from 1050S to 1085S exposes a wide talc-chlorite schist. The schist may be wider as overburden covers the trench from 1085S to 1100S. The talc-chlorite schist is highly deformed but contains blocks, up to 3m, of relatively undeformed ultramafic flows. The undeformed blocks are characterized by primary textures such as spinifex and polyhedral jointed lavas (polysuturing). The schist contains up to 5% quartz-carbonate veins, which vary from 1mm to 2cm in width. The schist is mostly barren of sulphide, except trace pyrite associated to minor quartz veinlets. The rock is moderately to strongly chloritized and talcose with a weak carbonate alteration in places. Trace amounts of disseminated pyrite occur in the schist. The talc-chlorite schist includes two intervals of argillite. These intervals form stretched lenses contain up to 3% pyrite.

The section from 1100S to 1115S contains moderately foliated volcanic sediments derived from ultramafic and mafic rocks. The sediments contain up to 15% fragments (up to

3cm along their long axis) in a medium grained matrix. The sediments are weakly carbonatized and contain 1% quartz-carbonate veins up to 2cm wide. The sediments contain broken carbonate veins bringing the quartz-carbonate content of the rock up to 3% of the volume. The rock is also chloritized and locally serpentinized. Minor disseminated pyrite is associated with narrow quartz veins. The sediments are cut by a 2m peridotite dike, which is chloritized and serpentinized.

The southern end of the trench , from 1115S to 1155S, is a siltstone with few thin intervals of greywacke. The contact with the ultramafic rocks is sharp and clean. The siltstone is very siliceous and locally it has a cherty texture. It contains trace amounts of pyrite which mostly follows fractures. Several sets of joints are present in the siltstone. No tops were defined from the siltstone and greywacke.

The schistosity of the talc-chlorite schist vary from 120° to 130° and is subvertical. At the south of the trench, the bedding of the siltstone and greywacke strikes approximate east west and dips steeply to the north.

2.3 Trench 3

Trench 3 is located on line 20E from 600S to 660S. The trenching work was proposed in order to uncover a carbonate zone discovered during the 1994 summer mapping. Following the detailed mapping, 5 grab samples and 17 channel samples were collected and sent for geochemical analysis.

The trench is characterized by a 15m wide highly carbonatized zone located between two sequences of pillowed basalt. Where the carbonate alteration is the strongest, the rock is highly sheared and strongly sericitic. The carbonate zone can be divided in two parts,

one being a moderately carbonatized and sericitized sheared pillowed basalt and the second one being a highly sericitized and carbonatized rock having lost its primary texture. The rock sequence suggests it could be a sedimentary unit between two intervals of pillowed basalt. The highly altered area is more competent and contains up to 2% disseminated pyrite. The zone also contains up to 15% Fe-carbonate veins cutting the interval. On either side of the carbonate zone, pillowed basalt occurs. The pillows are highly foliated near the carbonate zone and become weakly deformed within 20m away from the altered zone. The pillows are flattened and up to 70cm in diameter. The pillowed basalt is moderately carbonatized, chloritized and sericitized. The selvages of the pillows are chlorite-rich and up to 2cm wide. A felsic to intermediate dike cuts the pillowed basalt.

A lens of sheared volcanic sediments is present at 618N and is a 1m wide. The lens is silicified and contains 2% pyrite and up to 10% black chlorite.

The schistosity of the carbonate zone and the foliation of the pillowed basalt are fairly constant and ranging from 275° and 293°. The carbonate zone can be followed for up to 200m on either side of the trench before it disappears under the overburden.

3.0 GEOCHEMISTRY

A total of 33 samples (16 grab and 17 channel samples) from the trenches were analysed for gold and multi-elements except for two samples which were analysed for whole rock (See Appendixes G-1 and G-2). Gold assays from the grab samples collected during the 1994 mapping program are also included on the trench maps (Chubb & al., 1995).

3.1 trench 1

Five rock samples were collected for geochemical analyses. Of the rock samples taken from trench 1, four were sent for gold assay and multi element analyses and one sample of porphyritic andesite flow was analysed for whole rock.

Samples from the mafic flows and chlorite inclusions of the intermediate flows returned a best gold assay of 5ppb Au. In another sample, taken on L28E/090S, the gold content is below detection. Sample POW95X-1001 is a sample of calcite vein with few pockets of chalcopyrite. This sample also came back with 5ppb Au.

The whole rock results for the feldspar porphyritic andesite, when plotted on a Jensen plot, fall within the Tholeiitic andesite field.

3.2 Trench 2

Five samples were sent for gold assay and multi element analysis and one for whole rock analysis.

Two samples from silicified sulphide bearing intervals in the talc-chlorite schist were sampled and came back nil. A samples in the siltstone and greywacke section of the trench also came back nil. Two samples were collected in 1994 in the ultramafic/mafic sediment, at 1105S and came back less than 10ppb Au.

A whole rock sample taken in the talc chlorite schist, when plotted on a Jensen plot, fall in the high iron tholeiitic basalt field. The silica content is 39.4%, which suggest a more komatiitic rock.

3.3 Trench 3

Nine grab samples were collected in 1994 (Chubb, P. at al., 1995) and 1995 and were analyzed for gold and multi-elements. The highest assay is 17ppb Au (see Appendix G-1). In August 1995, 17 channel samples were cut using a Stihl TS 350 rock saw. They were from 1m to 1.3m long, 2-3cm wide and 6-7cm deep. The samples were cut in the highly carbonatized and sericitized zone containing up to 3% disseminated pyrite. From those samples, the best gold assay came back 12ppb Au/1m.

4.0 CONCLUSIONS

In May 1995, three trenches were excavated by Fred Kiernicki in order to get information about; (1) a possible source for a 152 grain till sample, (2) a talc-chlorite schist which is the expression of the Kirkland Lake Break, and (3) a highly carbonatized and sericitized zone.

The trench 1 uncovered mafic and intermediate flows with minor sulphides. The samples assayed carried up to 5ppb Au, failing to explain the source of the highly anomalous till sample.

The second trench uncovered more than 60m of talc-chlorite schist and a contact between the schist and the adjacent sediment to the south. The assayed samples contained a maximum of 10ppb Au.

The third trench on line 20E uncovered a carbonate-sericite zone between two packages of pillowed basalt. The carbonate zone is highly altered over a 5m width and moderately

carbonatized over another 10m. The best value from grab and channel samples is 17ppb Au (in a grab sample).

5.0 RECOMMENDATIONS

No further work is recommended in the area of the three trenches, based on the sample results obtained to date.

6.0 REFERENCES

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

Koziol, M., Faber, A., Chubb, P., 1995, Report on the 1994-95 Bulk Till Sampling Program, Powell Project - Powell, Bannockburn, Baden and Argile Townships, Ontario, NTS 41P/15 and 42A/02, Cameco Corporation, Assessment Report File.

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.

APPENDIX G-1

AU AND ICP ASSAY CERTIFICATES FOR OUTCROP GRAB AND CHANNEL SAMPLES

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

5W-2534-RG1

Company: **CAMECO CORPORATION**

Date: JUN-07-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 14 Rock samples submitted JUN-06-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Elment
POW 95X1001	5	-	Results
POW 95X1002	3	3	to
POW 95X1003	Nil	-	follow
POW 95X1004	Nil	2	
POW 95X1005	Nil	-	
POW 95X1006	Nil	-	
POW 95X1007	3	-	
POW 95X1008	31	26	
POW 95X1009	2	-	
POW 95X1010	10	14	
POW 95X1011	2	-	
POW 95X1012	Nil	-	
POW 95X1013	Nil	-	
POW 95X1014	2	-	

One assay ton portion used.

Certified by G. Leboy

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

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

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

CAMECO CORP.
ATTN: M. KOZIOL

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SW-2534-RG1

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
	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
POW 95X1001	< 1	3.3	< 5	< 10	< 1	< 1	< 5	6.1	< 1	32	55	940	7.3	1.9	1200	< 2	0.03	77	510	< 1	< 5	26	< 10	9
POW 95X1002	< 1	3.8	30	< 10	19	< 1	< 5	4.3	< 1	52	70	120	8.7	2.0	2600	< 2	0.01	81	190	< 1	< 5	16	< 10	1
POW 95X1003	< 1	2.8	30	< 10	35	< 1	< 5	7.6	< 1	39	52	58	4.5	1.7	1800	< 2	<0.01	66	130	< 1	< 5	10	< 10	1
POW 95X1004	< 1	3.2	< 5	< 10	29	< 1	< 5	8.5	2	29	47	44	8.5	2.1	3800	< 2	<0.01	53	20	< 1	< 5	21	< 10	4
POW 95X1005	< 1	3.1	< 5	< 10	13	< 1	< 5	8.6	3	26	53	49	8.3	2.2	2800	< 2	<0.01	58	< 2	< 1	< 5	17	< 10	4
POW 95X1006	< 1	2.2	< 5	< 10	< 1	< 1	< 5	14	< 1	25	33	63	5.7	2.2	2200	< 2	<0.01	50	< 2	< 1	< 5	12	< 10	8
POW 95X1007	< 1	2.0	< 5	< 10	5	< 1	< 5	1.0	< 1	33	170	110	16	1.2	850	< 2	0.06	430	200	2	< 5	12	30	1
POW 95X1008	< 1	0.98	60	< 10	8	< 1	< 5	2.2	< 1	92	130	39	17	0.64	1100	< 2	0.05	51	630	5	< 5	12	40	1
POW 95X1009	< 1	1.5	15	< 10	5	< 1	< 5	3.3	< 1	63	110	91	16	1.0	1200	< 2	0.02	49	510	2	< 5	15	20	1
POW 95X1010	< 1	2.4	30	< 10	13	< 1	< 5	2.0	< 1	63	150	74	16	0.88	1300	< 2	0.04	39	800	< 1	< 5	19	< 10	1
POW 95X1011	< 1	2.7	< 5	< 10	22	< 1	< 5	1.8	< 1	37	130	30	8.5	1.0	1200	< 2	0.03	15	700	< 1	< 5	15	< 10	1
POW 95X1012	< 1	2.5	< 5	< 10	< 1	< 1	< 5	3.5	< 1	22	28	20	19	2.0	3500	< 2	<0.01	36	94	< 1	< 5	9	< 10	1
POW 95X1013	< 1	0.77	< 5	< 10	6	< 1	< 5	8.5	< 1	10	33	16	5.0	2.2	1800	< 2	0.02	19	10	< 1	< 5	2	< 10	1
POW 95X1014	< 1	3.4	< 5	< 10	2	< 1	< 5	5.9	1	31	78	75	8.7	2.1	2400	< 2	0.01	72	140	< 1	< 5	23	< 10	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

SIGNED :

TSL/95

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

5W-2701-RG1

Company: **CAMECO CORPORATION**

Date: JUN-22-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 43 Rock samples submitted JUN-19-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW 95X-074	5	-	Results
POW 95X-075	2	-	to
POW 95X-076	3	5	Follow
POW 95X-077	51	21	
POW 95X-078	7	-	
POW 95X-079	3	-	
POW 95X-080	Nil	-	
POW 95X-081	Nil	-	
POW 95X-082	Nil	-	
POW 95X-083	2	-	
POW 95X-084	Nil	-	
POW 95X-1032	Nil	-	
POW 95X-1033	3	-	
POW 95X-1034	5	-	
POW 95X-1035	2	-	
POW 95X-1036	Nil	-	
POW 95X-1037	Nil	-	
POW 95X-1038	14	12	
POW 95X-1039	2	-	
POW 95X-1040	3	-	
POW 95X-1041	5	-	
POW 95X-1042	2	-	
POW 95X-1043	Nil	-	
POW 95X-1044	Nil	-	
POW 95X-1045	Nil	-	
POW 95X-1046	Nil	-	
POW 95X-1047	175	175	
POW 95X-1048	45	-	
POW 95X-1049	93	99	
POW 95X-1052	Nil	-	

**** Indicates this sample was not received.
One assay ton portion used.

Certified by G. Pelletier

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

CAMECO CORPORATION
ATTN: M. KOZIOL

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

I.C.A.P. PLASMA SCAN

5W-2701-RG1

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
POW 95X-074	< 1	3.0	< 5	< 10	49	< 1	< 5	2.8	< 1	52	100	41	7.9	1.6	1600	< 2	0.05	55	510	7	< 5	20	< 10
POW 95X-075	< 1	1.1	< 5	< 10	46	< 1	< 5	2.9	< 1	17	160	5	3.6	0.40	870	< 2	0.10	15	670	2	< 5	6	< 10
POW 95X-076	< 1	2.4	< 5	< 10	13	< 1	< 5	0.77	< 1	32	130	34	5.6	1.6	790	< 2	0.03	42	470	< 1	< 5	4	< 10
POW 95X-077	< 1	2.5	< 5	< 10	10	< 1	< 5	6.3	< 1	33	35	180	9.9	1.6	2800	< 2	<0.01	45	200	< 1	< 5	12	< 10
POW 95X-078	< 1	3.7	< 5	< 10	12	< 1	< 5	5.0	< 1	38	20	54	12	1.6	2000	6	<0.01	23	340	< 1	< 5	31	< 10
POW 95X-079	< 1	4.7	< 5	< 10	10	< 1	< 5	2.7	< 1	34	30	16	14	1.5	1100	< 2	0.02	24	750	< 1	< 5	19	< 10
POW 95X-080	< 1	2.9	5	< 10	29	< 1	< 5	4.1	< 1	35	48	38	8.8	1.6	1700	< 2	0.02	24	530	< 1	< 5	16	< 10
POW 95X-081	< 1	2.3	< 5	< 10	61	< 1	< 5	1.5	< 1	17	160	5	2.8	1.5	390	< 2	0.08	61	490	< 1	< 5	4	< 10
POW 95X-082	< 1	2.8	< 5	< 10	18	< 1	< 5	1.6	< 1	23	310	12	3.5	2.0	610	< 2	0.06	99	430	< 1	< 5	4	< 10
POW 95X-083	< 1	2.4	< 5	< 10	26	< 1	< 5	3.3	< 1	24	390	5	4.0	1.9	880	< 2	0.06	150	430	< 1	< 5	9	< 10
POW 95X-084	< 1	1.0	< 5	< 10	42	< 1	< 5	1.1	< 1	14	140	27	1.6	0.30	300	< 2	0.08	29	460	< 1	< 5	1	< 10
POW 95X-1032	< 1	2.2	< 5	< 10	11	< 1	< 5	4.2	< 1	34	58	55	7.0	1.5	1400	< 2	0.05	36	440	< 1	< 5	19	< 10
POW 95X-1033	< 1	4.1	< 5	< 10	14	< 1	< 5	3.2	< 1	29	150	55	4.2	1.6	950	< 2	0.02	59	190	< 1	< 5	18	< 10
POW 95X-1034	< 1	2.6	< 5	< 10	15	< 1	< 5	2.8	< 1	26	49	90	5.6	1.0	1100	< 2	0.05	32	380	< 1	< 5	19	< 10
POW 95X-1035	< 1	4.4	< 5	< 10	22	< 1	< 5	1.5	< 1	30	190	150	4.4	1.8	490	< 2	0.04	170	370	< 1	< 5	15	< 10
POW 95X-1036	< 1	1.6	< 5	< 10	23	< 1	< 5	2.7	< 1	21	150	17	2.7	1.6	510	< 2	0.09	71	350	< 1	< 5	6	< 10
POW 95X-1037	< 1	3.5	< 5	< 10	8	< 1	< 5	4.0	< 1	45	45	95	8.9	1.5	2000	4	0.02	41	280	< 1	< 5	25	< 10
POW 95X-1038	< 1	2.6	< 5	< 10	8	< 1	< 5	1.8	< 1	38	36	56	8.5	1.6	1100	< 2	0.04	30	480	< 1	< 5	14	< 10
POW 95X-1039	< 1	3.1	< 5	< 10	8	< 1	< 5	4.0	< 1	28	40	49	7.0	1.1	1700	< 2	0.02	32	390	< 1	< 5	21	< 10
POW 95X-1040	< 1	2.1	< 5	< 10	26	< 1	< 5	1.0	< 1	19	120	24	3.2	1.6	530	< 2	0.04	37	510	< 1	< 5	5	< 10
POW 95X-1041	< 1	2.8	< 5	< 10	32	< 1	< 5	3.3	< 1	29	75	30	6.5	1.1	850	< 2	0.02	40	350	< 1	< 5	16	< 10
POW 95X-1042	< 1	2.7	< 5	< 10	190	< 1	< 5	3.3	< 1	63	1100	52	6.4	1.8	2600	< 2	<0.01	520	24	< 1	< 5	20	< 10
POW 95X-1043	< 1	0.73	< 5	< 10	13	< 1	< 5	6.9	< 1	17	420	34	2.6	1.7	2100	< 2	<0.01	140	< 2	< 1	< 5	6	< 10
POW 95X-1044	< 1	2.5	< 5	< 10	44	< 1	< 5	2.8	< 1	64	870	28	5.0	1.6	2000	< 2	0.02	620	26	< 1	< 5	20	< 10
POW 95X-1045	< 1	2.7	20	< 10	7	< 1	< 5	2.9	< 1	68	1700	36	4.4	1.8	1100	< 2	0.03	710	36	< 1	< 5	18	< 10
POW 95X-1046	< 1	2.7	< 5	< 10	32	< 1	< 5	0.39	< 1	28	260	46	3.7	1.7	520	76	0.11	110	450	< 1	< 5	6	< 10
POW 95X-1047	< 1	1.1	< 5	< 10	49	< 1	< 5	3.9	< 1	17	240	12	2.4	1.1	660	< 2	0.01	22	1400	9	< 5	7	< 10
POW 95X-1048	1	1.3	< 5	< 10	26	< 1	< 5	2.8	< 1	22	270	47	3.2	1.5	500	< 2	0.01	26	2100	< 1	< 5	8	< 10
POW 95X-1049	< 1	1.2	< 5	< 10	37	< 1	< 5	3.2	< 1	21	220	29	2.7	1.1	540	< 2	0.02	20	1800	< 1	< 5	8	< 10
POW 95X-1052	< 1	0.83	< 5	< 10	61	< 1	< 5	0.27	< 1	16	170	7	2.3	0.24	430	< 2	0.09	26	690	< 1	< 5	2	< 10
POW 95X-1053	< 1	1.6	< 5	< 10	62	< 1	< 5	0.76	< 1	19	220	18	3.2	0.95	450	< 2	0.03	85	370	< 1	< 5	5	< 10
POW 95X-1054	< 1	1.5	< 5	< 10	62	< 1	< 5	2.0	< 1	20	170	26	2.5	1.0	470	< 2	0.08	74	440	< 1	< 5	5	< 10
POW 95X-1055	< 1	2.3	< 5	< 10	58	< 1	< 5	2.3	< 1	30	68	15	6.3	0.68	1100	< 2	0.02	24	460	< 1	< 5	16	< 10
POW 95X-1056	< 1	0.55	5	< 10	13	< 1	< 5	2.7	< 1	10	350	160	2.1	0.67	710	< 2	<0.01	33	74	< 1	< 5	2	< 10
POW 95X-1057	< 1	1.2	< 5	< 10	40	< 1	< 5	4.3	< 1	19	170	4	3.3	1.1	1300	< 2	0.01	66	350	< 1	< 5	6	< 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/95

SIGNED :

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

5W-2800-RG1

Company: **CAMECO CORPORATION**

Date: JUL-07-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 39 Core samples submitted JUN-28-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
Pow95X-1089	Nil	-	
Pow95X-1091	3	-	
Pow95X-1092	Nil	-	
Pow95X-1093	5	-	
Pow95X-1094	Nil	-	
Pow95X-1095	Nil	-	
Pow95X-1096	9	-	
Pow95X-1097	15	-	
Pow95X-1098	~~2287~~	~~2232~~	Boulder south of Hog Lake. (Mt-Cp bearing)

One assay ton portion used.

Certified by G. Pelly

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

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

CAMECO CORPORATION
ATTN: M. KOZIOL

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

I.C.A.P. PLASMA SCAN

5W-2800-RG1

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 pp
POW95X-084	< 1	1.9	< 5	< 10	28	< 1	< 5	1.5	< 1	31	420	38	3.6	0.94	540	< 2	0.27	48	400	< 1	< 5	17	< 10	2
POW95X-085	< 1	1.8	< 5	< 10	19	< 1	< 5	8.7	< 1	19	120	120	5.9	2.0	1700	< 2	0.02	52	16	< 1	< 5	13	< 10	4
POW95X-086	< 1	1.1	10	< 10	20	< 1	< 5	1.3	< 1	26	680	140	4.4	0.62	460	< 2	0.05	50	36	20	< 5	6	< 10	1
POW95X-087	< 1	2.7	20	< 10	< 1	< 1	< 5	5.2	< 1	62	49	150	18	2.0	2000	4	<0.01	46	300	1	< 5	14	< 10	4
POW95X-088	< 1	2.2	< 5	< 10	29	< 1	< 5	2.6	< 1	19	290	46	3.5	1.8	620	< 2	0.06	100	340	< 1	< 5	5	< 10	5
POW95X-089	< 1	1.8	< 5	< 10	34	< 1	< 5	3.6	< 1	19	270	4	3.5	2.1	800	< 2	0.06	150	450	< 1	< 5	7	< 10	6
POW95X-090	< 1	1.3	< 5	< 10	73	< 1	< 5	0.69	< 1	11	190	23	1.6	0.70	170	< 2	0.07	47	410	< 1	< 5	3	< 10	2
POW95X-091	< 1	3.1	< 5	< 10	28	< 1	< 5	2.1	< 1	28	500	31	4.2	2.2	620	< 2	0.05	180	500	< 1	< 5	11	< 10	6
POW95X-092	< 1	2.7	< 5	< 10	13	< 1	< 5	4.9	< 1	33	68	52	19	1.8	2200	4	<0.01	23	370	< 1	< 5	19	< 10	7
POW95X-093	< 1	2.1	< 5	< 10	25	< 1	< 5	0.50	< 1	21	340	16	3.2	1.9	290	< 2	0.03	120	520	< 1	< 5	3	< 10	1
POW95X-094	< 1	1.3	< 5	< 10	51	< 1	< 5	2.4	< 1	17	260	31	3.2	1.4	590	< 2	0.09	36	420	< 1	< 5	5	< 10	5
POW95X-095	< 1	0.63	10	< 10	8	< 1	< 5	0.16	< 1	24	1400	27	2.8	0.64	180	< 2	0.02	200	18	2	< 5	3	< 10	
POW95X-1069	< 1	3.8	10	< 10	< 1	< 1	< 5	5.2	< 1	57	1800	46	6.8	2.5	1000	< 2	<0.01	850	60	< 1	< 5	20	< 10	8
POW95X-1070	< 1	2.7	< 5	< 10	36	< 1	< 5	2.7	< 1	24	130	14	8.0	1.6	1200	< 2	0.06	12	1100	< 1	< 5	16	< 10	3
POW95X-1071	1	0.22	< 5	< 10	33	< 1	< 5	4.6	< 1	29	120	110	5.3	1.9	1000	< 2	0.03	46	290	20	< 5	18	< 10	15
POW95X-1072	< 1	0.29	< 5	< 10	110	< 1	< 5	3.4	< 1	32	150	78	6.9	1.9	1200	10	0.05	61	400	2	< 5	20	< 10	12
POW95X-1073	< 1	1.9	< 5	< 10	34	< 1	< 5	4.8	< 1	28	110	140	4.6	2.2	960	< 2	0.01	87	92	< 1	< 5	23	< 10	19
POW95X-1074	< 1	2.9	< 5	< 10	25	< 1	< 5	4.7	< 1	25	240	69	4.5	2.3	870	< 2	0.02	87	96	< 1	< 5	23	< 10	9
POW95X-1075	< 1	0.42	< 5	< 10	23	< 1	< 5	6.1	< 1	20	250	160	3.6	2.1	960	< 2	<0.01	39	72	3	< 5	14	< 10	13
POW95X-1076	< 1	3.2	< 5	< 10	2	< 1	< 5	4.3	< 1	32	120	78	7.1	1.8	890	< 2	0.03	59	170	< 1	< 5	26	< 10	3
POW95X-1077	< 1	2.3	< 5	< 10	18	< 1	< 5	2.9	< 1	36	140	150	9.6	0.93	1100	< 2	0.05	46	430	< 1	< 5	20	< 10	2
POW95X-1078	< 1	0.28	< 5	< 10	37	< 1	< 5	0.57	< 1	10	340	180	1.9	0.09	460	< 2	0.02	10	380	< 1	< 5	2	< 10	
POW95X-1080	< 1	1.4	< 5	< 10	42	< 1	< 5	0.17	< 1	10	250	6	7.4	0.92	320	< 2	0.04	33	350	< 1	< 5	3	< 10	
POW95X-1081	< 1	1.4	< 5	< 10	41	< 1	< 5	0.17	< 1	10	250	2	7.3	0.92	300	< 2	0.04	34	350	< 1	< 5	3	< 10	
POW95X-1082	< 1	0.35	< 5	< 10	60	< 1	< 5	3.2	< 1	14	350	44	2.6	1.7	730	< 2	0.03	58	200	< 1	< 5	6	< 10	8
POW95X-1083	< 1	0.19	< 5	< 10	7	< 1	< 5	2.5	< 1	21	240	16	2.1	1.5	460	< 2	0.03	70	50	< 1	< 5	6	< 10	8
POW95X-1084	< 1	0.39	< 5	< 10	16	< 1	< 5	2.6	< 1	29	190	130	3.7	1.5	1100	54	0.05	110	370	2	< 5	9	< 10	6
POW95X-1085	< 1	2.5	< 5	< 10	30	< 1	< 5	2.5	< 1	30	120	81	5.5	1.4	850	< 2	0.05	51	380	< 1	< 5	17	< 10	2
POW95X-1086	< 1	0.83	< 5	< 10	28	< 1	< 5	0.79	< 1	18	730	6	1.8	0.38	310	2	0.04	19	200	< 1	< 5	1	< 10	2
POW95X-1088	< 1	1.7	< 5	< 10	55	< 1	< 5	0.45	< 1	16	310	50	2.7	0.73	260	< 2	0.05	30	520	< 1	< 5	2	< 10	1
POW95X-1089	< 1	2.1	< 5	< 10	360	< 1	< 5	2.0	< 1	23	550	30	4.3	2.0	650	< 2	0.05	84	1900	< 1	< 5	10	< 10	24
POW95X-1091	< 1	2.9	< 5	< 10	< 1	< 1	< 5	14	< 1	15	25	34	5.6	1.3	2700	< 2	<0.01	60	170	< 1	< 5	11	< 10	18
POW95X-1092	< 1	1.3	< 5	< 10	6	< 1	< 5	6.2	< 1	13	87	760	2.4	0.71	830	< 2	0.08	12	930	< 1	< 5	8	< 10	12
POW95X-1093	< 1	3.5	< 5	< 10	< 1	< 1	< 5	7.5	< 1	35	57	45	7.0	1.7	1300	< 2	0.01	58	290	< 1	< 5	22	< 10	12
POW95X-1094	< 1	1.8	< 5	< 10	6	< 1	< 5	2.4	< 1	16	410	110	2.3	0.84	460	< 2	0.13	39	150	< 1	< 5	8	< 10	1

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/95

SIGNED :

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

5W-3316-RG1

Company: **CAMECO CORPORATION**

Date: AUG-23-95

Project:

Attn: M. Koziol

We hereby certify the following Geochemical Analysis of 53 Rock samples submitted AUG-16-95 by .

Sample Number	Au PPB	Au Check PPB	Multi Element
POW-95C-2013	3	-	Results
POW-95C-2014	5	7	to
POW-95C-2015	Nil	-	follow
POW-95C-2016	Nil	-	
POW-95C-2017	Nil	-	
POW-95C-2018	5	-	
POW-95C-2019	12	-	
POW-95C-2020	Nil	-	
POW-95C-2021	Nil	-	
POW-95C-2022	Nil	-	
POW-95C-2023	Nil	-	
POW-95C-2024	Nil	-	
POW-95C-2025	Nil	-	
POW-95C-2026	Nil	-	
POW-95C-2027	Nil	-	
POW-95C-2028	Nil	-	
POW-95C-2029	Nil	2	
POW-95X-208	3	-	
POW-95X-209	Nil	-	
POW-95X-210	Nil	-	
POW-95X-211	Nil	-	
POW-95X-212	Nil	-	
POW-95X-213	Nil	-	
POW-95X-214	Nil	-	
POW-95X-215	Nil	-	
POW-95X-216	Nil	-	
POW-95X-217	5	-	
POW-95X-218	10	-	
POW-95X-219	9	-	
POW-95X-220	1186	1090	

Channel Sample 3 trench cut across zone.

One assay ton portion used.

Certified by G. Leb

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

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

CAMECO CORPORATION
ATTN: M. KOZIOL

TSL/ASSAY. ; Laboratories
1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : **M5590**
Page No. : 1 of 2
File No. : AG24MA
Date : AUG-25-1995

5W-3316-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
POW-95C-2013	< 1	4.0	10	< 10	15	< 1	< 5	6.7	< 1	35	85	99	9.3	1.7	2100	< 2	<0.01	70	200	< 1	< 5	21	< 10	85	55	140	< 10	5	120	15
POW-95C-2014	< 1	3.8	15	< 10	22	< 1	< 5	5.6	< 1	34	85	85	7.6	1.4	1400	< 2	<0.01	63	220	< 1	< 5	15	< 10	87	65	130	< 10	3	110	8
POW-95C-2015	< 1	3.1	< 5	< 10	12	< 1	< 5	6.4	< 1	30	69	74	9.5	1.7	2100	< 2	<0.01	54	190	< 1	< 5	21	< 10	74	57	140	< 10	4	110	14
POW-95C-2016	< 1	3.6	< 5	< 10	12	< 1	< 5	6.5	< 1	30	70	69	7.7	1.7	2000	< 2	0.01	57	180	< 1	< 5	17	< 10	63	43	120	< 10	5	94	8
POW-95C-2017	< 1	1.0	10	< 10	5	< 1	< 5	7.7	< 1	15	29	30	6.9	2.0	2100	< 2	0.01	37	52	< 1	< 5	8	< 10	65	18	41	< 10	7	64	5
POW-95C-2018	< 1	0.68	15	< 10	3	< 1	< 5	7.5	< 1	12	26	26	5.7	1.9	2000	< 2	0.01	27	40	< 1	< 5	6	< 10	79	8	32	< 10	8	50	9
POW-95C-2019	< 1	1.3	< 5	< 10	9	< 1	< 5	7.7	< 1	17	37	39	6.7	1.9	2000	< 2	0.01	42	98	< 1	< 5	10	< 10	79	22	49	< 10	7	72	5
POW-95C-2020	< 1	1.9	10	< 10	17	< 1	< 5	7.9	< 1	24	51	53	6.7	1.9	1600	< 2	0.01	51	140	< 1	< 5	11	< 10	78	23	67	< 10	6	75	5
POW-95C-2021	< 1	1.3	5	< 10	7	< 1	< 5	7.7	< 1	18	34	40	5.4	1.9	1600	< 2	0.01	39	110	< 1	< 5	9	< 10	85	15	47	< 10	6	55	5
POW-95C-2022	< 1	1.6	10	< 10	12	< 1	< 5	7.8	< 1	19	37	43	5.6	1.9	1700	< 2	0.02	42	100	< 1	< 5	9	< 10	80	27	54	< 10	6	63	7
POW-95C-2023	< 1	1.9	< 5	< 10	12	< 1	< 5	7.8	< 1	25	49	55	6.7	1.9	1600	< 2	0.02	56	130	< 1	< 5	11	< 10	84	23	68	< 10	6	74	6
POW-95C-2024	< 1	1.6	10	< 10	10	< 1	< 5	7.6	< 1	21	37	47	6.7	1.9	1700	< 2	0.01	48	120	< 1	< 5	10	< 10	98	16	55	< 10	7	69	3
POW-95C-2025	< 1	1.8	10	< 10	3	< 1	< 5	7.6	< 1	18	39	44	6.8	2.0	2000	< 2	<0.01	37	90	< 1	< 5	11	< 10	87	22	65	< 10	6	65	4
POW-95C-2026	< 1	3.0	< 5	< 10	7	< 1	< 5	8.0	< 1	29	56	64	7.2	1.9	1600	< 2	0.01	51	140	< 1	< 5	16	< 10	72	35	110	< 10	5	80	7
POW-95C-2027	< 1	4.3	< 5	< 10	2	< 1	< 5	7.0	< 1	31	73	70	8.9	1.9	1500	< 2	0.01	58	180	< 1	< 5	28	< 10	77	58	180	< 10	4	99	12
POW-95C-2028	< 1	4.1	< 5	< 10	36	< 1	< 5	3.1	< 1	38	110	88	7.7	1.9	1100	< 2	0.02	67	240	< 1	< 5	21	< 10	35	66	170	< 10	3	120	8
POW-95C-2029	< 1	3.1	< 5	< 10	21	< 1	< 5	2.4	< 1	28	200	98	5.1	1.2	990	34	0.13	65	260	< 1	< 5	25	< 10	40	2800	220	< 10	9	130	16
POW-95X-208	< 1	4.7	< 5	< 10	16	< 1	< 5	2.1	< 1	36	110	96	7.7	2.0	1200	< 2	0.03	66	210	< 1	< 5	30	< 10	16	580	210	< 10	10	96	15
POW-95X-209	< 1	2.3	< 5	< 10	5	< 1	< 5	1.7	< 1	16	210	36	5.8	1.1	670	< 2	0.11	19	840	< 1	< 5	14	< 10	19	2400	82	< 10	32	73	11
POW-95X-210	< 1	4.1	< 5	< 10	14	< 1	< 5	2.7	< 1	36	58	55	11	1.8	1500	< 2	0.03	53	410	< 1	< 5	34	< 10	54	260	320	< 10	4	190	20
POW-95X-211	< 1	1.7	< 5	< 10	70	< 1	< 5	8.0	< 1	29	75	99	7.0	1.1	2200	< 2	0.02	35	240	< 1	< 5	9	< 10	130	42	120	< 10	8	76	3
POW-95X-212	< 1	1.2	10	< 10	30	< 1	< 5	2.6	< 1	15	130	51	5.1	0.64	760	2	0.05	10	770	< 1	< 5	6	< 10	43	19	24	< 10	7	64	4
POW-95X-213	< 1	0.82	40	< 10	10	< 1	< 5	1.8	< 1	47	110	60	19	0.84	1900	< 2	0.06	58	340	4	< 5	20	< 10	26	15	110	< 10	4	200	23
POW-95X-214	< 1	0.85	40	< 10	15	< 1	< 5	1.6	< 1	66	150	120	12	0.65	1400	< 2	0.08	88	490	< 1	< 5	19	< 10	29	16	120	< 10	5	170	12
POW-95X-215	< 1	0.95	40	< 10	9	< 1	< 5	2.0	< 1	40	91	76	19	0.83	1900	< 2	0.05	52	390	3	< 5	20	< 10	26	13	130	< 10	4	200	16
POW-95X-216	< 1	1.7	15	< 10	2	< 1	< 5	7.7	< 1	16	33	41	5.3	2.0	2000	< 2	0.02	31	96	< 1	< 5	12	< 10	71	22	63	< 10	5	60	7
POW-95X-217	< 1	2.5	< 5	< 10	18	< 1	< 5	4.5	< 1	37	97	73	8.8	1.4	1300	< 2	0.07	63	480	< 1	< 5	19	< 10	33	24	210	< 10	3	120	8
POW-95X-218	< 1	0.71	< 5	< 10	320	< 1	< 5	5.2	< 1	15	130	120	4.5	1.5	1200	< 2	0.02	51	1700	2	< 5	12	< 10	170	17	44	< 10	11	57	3
POW-95X-219	< 1	1.3	10	< 10	22	< 1	< 5	3.3	< 1	18	270	15	3.8	1.7	620	< 2	0.06	36	820	< 1	< 5	9	< 10	93	34	76	< 10	6	48	9
POW-95X-220																														
POW-95X-1165	< 1	1.1	65	< 10	36	< 1	< 5	1.5	< 1	130	1900	230	9.2	0.93	1500	26	0.12	4300	86	< 1	< 5	6	< 10	37	990	100	< 10	3	100	< 1
POW-95X-1166	< 1	2.3	< 5	< 10	6	< 1	< 5	1.3	< 1	30	250	100	4.9	1.5	800	< 2	0.19	77	140	< 1	< 5	14	< 10	15	1900	150	< 10	5	160	8
POW-95X-1167	< 1	1.8	< 5	< 10	18	< 1	< 5	1.8	< 1	18	190	92	3.7	1.3	700	< 2	0.14	49	150	< 1	< 5	8	< 10	29	1800	91	< 10	6	140	2
POW-95X-1168	< 1	1.9	< 5	< 10	12	< 1	< 5	1.0	< 1	28	60	79	7.8	1.1	780	< 2	0.07	24	400	< 1	< 5	8	< 10	23	4800	230	< 10	12	130	9
POW-95X-1169	< 1	3.0	< 5	< 10	20	< 1	< 5	2.7	< 1	32	69	71	11	1.4	1600	< 2	0.04	52	440	< 1	< 5	26	< 10	28	190	300	< 10	3	210	15

.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/95

SIGNED :

APPENDIX G-2

WHOLE ROCK ASSAY CERTIFICATES

CAMECO CORPORATION
ATTN: M. ROZIOL

5W-2703-RU1

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

REPORT No. : M5304
Page No. : 1 of 1
File No. : JN23RA
Date : JUN-26-1995

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

SAMPLE #	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	TiO2 %	MnO %	P2O5 %	Ba ppm	Zr ppm	Y ppm	Sc ppm	Nb ppm	Be ppm	Ni ppm	Cr ppm	Cu ppm	V ppm	Co ppm	Zn ppm	Rb %	LOI %	TOTAL %
POW95X-053	49.56	14.01	13.91	8.38	6.49	2.09	0.16	1.28	0.20	0.18	60	80	36	41	< 30	< 1	110	495	100	315	40	5580	<0.05	4.13	100.40
POW95X-056	47.30	10.06	10.07	8.07	4.76	2.49	2.02	0.80	0.21	0.14	220	40	20	31	< 30	3	55	375	105	280	30	135	<0.05	14.11	100.04
POW95X-058	46.87	12.75	11.85	6.61	5.97	1.62	1.46	1.23	0.18	0.16	150	130	28	32	< 30	< 1	85	400	15	225	35	85	<0.05	11.48	100.17
POW95X-060	49.91	14.50	11.87	5.19	6.66	3.09	0.74	1.09	0.16	0.24	90	110	46	27	< 30	2	75	440	5	150	30	130	<0.05	7.05	100.49
POW95X-061	54.98	14.07	11.78	7.24	5.98	2.57	0.92	0.84	0.25	0.10	160	40	22	49	< 30	< 1	80	625	105	320	45	105	<0.05	2.05	100.78
POW95X-062	48.10	13.97	15.51	8.83	5.61	0.89	0.06	1.21	0.23	0.12	50	50	20	47	60	< 1	85	170	110	410	45	100	<0.05	6.17	100.70
POW95X-065	39.39	17.15	14.25	7.59	4.99	4.92	0.02	1.72	0.17	0.18	30	90	36	44	< 30	< 1	90	120	85	470	< 5	130	<0.05	8.46	98.85
POW95X-074	49.77	13.90	14.16	5.26	3.71	3.03	0.24	1.66	0.20	0.16	130	80	36	42	< 30	< 1	80	155	85	475	55	130	<0.05	8.91	101.00
POW95X-082	59.93	13.88	6.24	4.25	4.85	3.83	0.58	0.58	0.10	0.14	250	90	12	17	< 30	< 1	100	530	25	140	20	60	<0.05	4.24	98.62
POW95X-1015	60.62	14.69	5.71	4.34	3.57	6.58	0.72	0.53	0.11	0.14	310	100	12	15	< 30	< 1	75	725	< 5	115	25	45	<0.05	1.73	98.73
POW95X-1016	41.05	14.59	15.01	8.23	7.14	1.86	0.64	1.32	0.18	0.10	90	50	20	48	< 30	< 1	115	140	125	435	50	105	<0.05	10.87	100.99
POW95X-1019	48.95	14.86	14.23	9.09	7.30	2.86	0.48	0.88	0.43	0.08	130	40	20	55	< 30	< 1	75	440	50	360	40	100	<0.05	1.25	100.40
POW95X-1021	49.76	14.63	12.39	10.63	7.28	2.30	0.46	0.84	0.29	0.08	130	40	18	50	30	< 1	75	490	80	365	50	95	<0.05	2.29	100.96
POW95X-1027	52.39	13.98	10.93	7.43	6.33	3.78	0.76	0.86	0.28	0.10	140	50	20	49	< 30	< 1	75	310	40	315	40	100	<0.05	1.24	98.08
POW95X-1030	44.79	7.88	12.26	1.74	22.88	0.49	0.10	0.43	0.08	0.04	30	20	12	29	< 30	< 1	1480	2575	65	180	95	55	<0.05	7.59	98.27

SIGNED :

TSL/95

CAMECO CORPORATION

TSL/ASSA. .RS Laboratories
1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)602-8236 FAX #: (905)206-0513

REPORT No. : M5444
Page No. : 1 of 1
File No. : JL25RA
Date : JUL-25-1995

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

5W-3013-ROI

P.1

SAMPLE #	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	TiO2 %	MnO %	P2O5 %	Ba ppm	Zr ppm	Y ppm	Sc ppm	Mo ppm	Be ppm	Ni ppm	Cr ppm	Cu ppm	V ppm	Co ppm	Zn ppm	Pb %	LOI %	TOTAL %
POW95X-088	58.77	13.19	6.76	4.76	3.84	2.87	0.90	0.52	0.10	0.14	210	100	12	17	< 30	< 1	115	470	15	120	30	55	<0.05	6.82	98.66
POW95X-503	61.02	13.54	6.82	2.51	6.39	3.60	0.28	0.50	0.10	0.10	90	110	8	16	< 30	< 1	190	620	< 5	110	30	70	<0.05	4.50	99.37
POW95X-513	65.14	14.45	6.20	0.68	4.85	2.12	2.20	0.70	0.06	0.18	400	170	16	17	< 30	< 1	135	475	< 5	130	20	60	<0.05	3.87	100.26
POW95X-1078	61.67	14.35	5.67	3.87	2.52	3.04	1.68	0.56	0.08	0.14	430	120	16	14	< 30	< 1	70	335	15	105	20	65	<0.05	7.11	100.69
POW95X-1079	62.28	14.39	7.03	2.52	4.94	3.24	1.06	0.50	0.09	0.14	260	100	12	17	< 30	< 1	95	435	< 5	110	25	65	<0.05	8.44	100.62
POW95X-1090	52.93	20.60	6.18	3.97	1.96	7.23	1.98	0.91	0.09	0.26	320	190	22	15	< 30	1	45	230	< 5	150	15	65	<0.05	4.62	100.73
POW95X-1095	50.08	14.93	12.36	9.40	5.41	3.77	0.46	1.15	0.25	0.12	150	80	22	43	< 30	< 1	120	475	85	335	45	100	<0.05	2.12	100.07
POW95X-1096	57.03	13.93	5.67	5.33	4.95	2.19	1.44	0.54	0.17	0.14	300	100	14	17	< 30	< 1	115	455	< 5	130	25	50	<0.05	9.49	100.88
POW95X-1099	63.22	12.76	7.26	1.86	7.03	3.16	0.32	0.48	0.13	0.10	90	100	10	17	< 30	< 1	190	490	< 5	100	30	70	<0.05	4.32	100.63
POW95X-1103	59.17	14.30	6.46	4.59	5.05	1.61	1.50	0.47	0.20	0.12	270	90	10	17	< 30	< 1	150	360	25	105	25	360	<0.05	6.94	100.39
POW95X-1110	61.28	14.46	5.98	4.30	4.28	3.39	1.38	0.51	0.09	0.14	330	140	12	15	< 30	< 1	160	485	< 5	105	25	90	<0.05	4.96	100.77
POW95X-1114	68.65	14.94	5.14	1.70	1.52	4.22	1.32	0.49	0.05	0.16	320	160	18	9	< 30	< 1	40	430	20	65	10	95	<0.05	2.67	100.85
POW95X-1116	56.53	13.07	6.45	4.62	6.13	2.06	1.48	0.37	0.10	0.10	330	70	6	17	< 30	< 1	245	675	10	95	30	75	<0.05	9.74	100.66
POW95X-1125	68.67	14.11	3.74	2.93	1.37	3.34	2.30	0.35	0.05	0.12	670	150	12	7	< 30	< 1	50	325	10	50	10	35	<0.05	3.74	100.71
POW95X-1131	59.95	15.37	6.10	4.25	3.16	5.32	0.54	0.61	0.09	0.18	160	130	16	16	< 30	< 1	90	175	< 5	120	20	85	<0.05	4.94	100.50
POW95X-1136	67.73	13.41	4.63	2.32	1.33	4.47	1.08	0.44	0.06	0.16	390	160	18	8	< 30	< 1	20	340	20	65	10	30	<0.05	3.22	98.84

JUL 25 '95 16:17 TSL-ASSAYERS

TSL/95

SIGNED :

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9680.00117

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for r Recorder.
- A separate copy of this form must be complet
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

42A02SE0034 2.16490 BADEN

900

Recorded Holder(s) Fred Kiernicki	Mike Heaty	Cameco Corp	Client No. Fred - 152022 Mike - 158198 CAMECO - 114820
Address PO Box 1143 Kirkland Lake On.	139 Carter Ave Kirkland Lake On	#6-1349 Kelly Lk Rd Sudbury On	Telephone No. Fred 705-567-4858 Mike - 705-567-4696 CAMECO 705-523-4555
Mining Division Larder.	Township/Area Powell, Baden Argyle, Bannockburn.		M or G Plan No.
Dates Work Performed From: May 2/95	To: June 1/95		

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	~~MAG~~ 2.16490
	Physical Work, Including Drilling	POWER STRIPPING 6984
	Rehabilitation	
	Other Authorized Work	SECTION 18 ONLY
	Assays	
	Assignment from Reserve	

RECEIVED
NOV 13 1996
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 6984

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
M. Koziol	137 Cranbrook Cr. Sudbury On P3E 2N4
A. Faber	321 Laura Ave. Sudbury On P3E 2N4
P. Chubb	#602-220 Regent St. S. Sudbury P3E5S2

(attach a schedule if necessary)

Certification of Beneficial Interest * **See Note No. 1 on reverse side**

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Feb 22/96	Recorded Holder or Agent (Signature)

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: M. Koziol 137 Cranbrook Cr. Sudbury On P3E 2N4

Telepone No. Ofc 705-523-4555	Date Feb 22/96	Certified By (Signature)

For Office Use Only

Total Value Cr. Recorded Reserve $6984.	Date Recorded Feb. 26/96.	Mining Recorder	Received Stamp RECEIVED LARDER LAKE MINING DIVISION FEB 26 1996
	Deemed Approval Date May 26/96	Date Approved Mar. 5/96	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1047785	1	2328			2328
	1047778	1	2328			2328
	1186330	1	2328			2328
	Total Number of Claims:		Total Value Work Done: 6984	Total Value Work Applied:	Total Assigned From:	Total Reserve: 6984

RECEIVED
NOV 1996
MINING LANDS BRANCH

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with re... to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9680.00116

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.16490

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)			Client No.
Fred Kiernicki	Mike Healy	Cameco Corp	Fred - 152022 Mike - 158198 CAMECO - 114820
Address: PO Box 1143 Kirkland Lake, Ont. P2N 3M1	139 Carter Ave Kirkland Lake, Ont. P2N 2A1	#6-1349 Kelly Lk Rd Sudbury Ont. P3E 2N4	Telephone No. Fred: 705-567-4858 Mike - 705-567-4696 CAMECO 705-523-4555
Mining Division: Larder.	Township/Area: Powell, Baden Argyle, Bannockburn.		M or G Plan No.
Dates Work Performed From: January 5/95	To: December 23/95		

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	Line Cutting, Prospecting, Geol Mapping # 59905 (90.58km) (90.58km) (90.58km)
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	SECTION 18 ONLY
	Assays	272 samples (rocks) for Au, ICP # 5672 (some for further work)
	Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ 65577

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
M. Kozial	137 Cranbrook Cr. Sudbury On P3E 2N4
A. Faber	321 Laura Ave. Sudbury On P3E 2N4
P. Chubb	#602-220 Regent St. S. Sudbury P3E 5S2

RECEIVED
APR 23 1996
MINING LANDS BRANCH

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.

Date: Feb 22/96

Recorded Holder or Agent (Signature)

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: M. Koziol 137 Cranbrook Cr. Sudbury On P3E 2N4

Telephone No.: (w) 705-523-4555

Date: Feb 22/96

Certified By (Signature)

For Office Use Only

Total Value Cr. Recorded

Appl. 50057
Rese # 15520
~~Appl~~

Date Recorded: 96 Feb 26

Deemed Approval Date: 96 May 26

Date Notice for Amendments Sent:

Mining Recorder

Date Approved

Received Stamp: RECEIVED LARDER LAKE MINING DIVISION FEB 26 1996

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	971906	1	661	415		246
	971907	1	514	480		34
	971908	1	1512	400	800	312
	971909	1	1112		800	312
	971910	1	1155		800	355
	971911	1	1227	400	800	27
	979107	1	957		800	157
	979108	1	766			766
	979109	1	854		800	54
	979110	1	2062	400	1600	62
	979111	1	1379	400	800	179
	979112	1	1674	400	1200	74
	980238	1	1191	400		791
	980239	1	941	400		541
	981890	1	1079	400		679
	981896	1	974		800	174
	981897	1	920	400		520
Total Number of Claims		17	Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim
90	1046949	1	1079	500
"	1046950	1	2062	400
64	1046956	1	1614	800
"	1046957	1	1851	800
2.164	1046958	1	876	800
"	1046959	1	944	800
"	1046960	1	1181	800
"	1046961	1	836	800
"	1046962	1	967	800
"	1046963	1	1280	800
"	1046964	1	1981	800
"	1046965	1	2838	800
"	1046967	1	1327	400
"	1046968	1	836	800
"	1046969	1	679	679
"	1046970	1	873	500
"	1046971	1	1320	400
Total Number of Claims			Total Value Work Done	Total Value Work Applied

Total Assigned From	Total Reserve	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	920		
	93		
	0		
	36		
	927		
800	1238	800	
800	351		
	450		
	167		
	36		
	351		
	147		
	76		
	251	806	
	814		
	62	160	
	279		

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

0241 (03/91)

3

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1046972 ✓	1	1295 ✓	800 ✓		495 ✓
	1046973 ✓	1	1076 ✓	800 ✓		276 ✓
	1046974 ✓	1	1139 ✓	800 ✓		339 ✓
	1046975 ✓	1	1623 ✓	400 ✓	1200	23 ✓
	1047775 ✓	1	165 ✓			165 ✓
	1047777 ✓	1	483 ✓			483 ✓
	1047778 ✓	1	21 ✓			21 ✓
	1047784 ✓	1	105 ✓			105 ✓
	1048620	1		400 ✓		
	1048621	1		400 ✓		
	1048622	1		400 ✓		
	1048623	1		400 ✓		
	1048624	1		400 ✓		
	1048625	1		400 ✓		
	1048626	1		400 ✓		
	1048627	1		400 ✓		
	1048628	1		400 ✓		
		Total Number of Claims 8	Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

RECEIVED
APR 28 1996
MINING LANDS BRANCH

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature

Date

0241 (03/97)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Total Number of Claims
	10486299	1	
	10486300	1	
	10486301	1	
	10486302	1	
	10486303	1	
	10486304	1	
	10486305	1	
	10486306	1	
	10486307	1	
	10486308	1	
	10486309	1	
	10486310	1	

Value of Assessment Work Done on this Claim	Total Value Work Done
1279	
419	

Value Applied to this Claim	Total Value Work Applied
400	400
400	400
400	400
400	400
400	400
400	400
400	400
400	400
400	400
400	400
400	400
400	400

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date	Total Assigned From	Total Reserve
			2588
		499	

RECEIVED
APR 23 1996
MINING LANDS BRANCH

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature	Date

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim
	1048700	1		400 -
	1048701	1	1538	400 -
	1048702	1		400 -
	1048703	1		400 -
	1048704	1		400 -
	1048705	1		400 -
	1048706	1	661	400 -
	1048707	1		400 -
	1048708	1		400 -
	1048709	1		400 -
	1048710	1		400 -
	1048711	1	947	400 -
	1048714	1		400 -
	1048715	1		400 -
	1048716	1	876	400 -
	1048718	1		400 -
	1048719	1		400 -
Total Number of Claims			Total Value Work Done	Total Value Work Applied

Total Assigned From

Total Reserve

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
800	337

RECEIVED
APR 23 1996
MINING LANDS BRANCH

60 17 261

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
2.16490	1048720	1		400 ✓		
	1048721	1	$	400 ✓		
	1186330 ✓	4	147 ✓			147 ✓
	1205664	8		400 ✓		
	1205665 ✓	16	6742 ✓	6742 ✓		
	1205666 ✓	2	853 ✓	853 ✓		
	1205667 ✓	12	3544 ✓	3544 ✓		
	Total Number of Claims:		Total Value Work Done: 65577	Total Value Work Applied: 50057	Total Assigned From: 15600	Total Reserve: 15520

4

RECEIVED
APR 23 1996
MINING LANDS BRANCH

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

0241 (03/91)

Ministry of Northern Development and Mines

Ontario

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

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 sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (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	30204	
	Field Supervision Supervision sur le terrain		30204
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Assays.	5672	
	Line Cutting	18995	
			24667
Supplies Used Fournitures utilisées	Type Sample bags,	537	
	drafting supplies, shipping parts		
	small hand tools.		
			537
Equipment Rental Location de matériel	Type		
	Total Direct Costs Total des coûts directs		55408

2. Indirect Costs/Coûts indirects

** **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 Truck Rentals (To Matachewan and to Property	5194	
			5194
Food and Lodging Nourriture et hébergement	CAMP MATACHEWAN Grocery in K.C.	4975	4975
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		10169
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		10169
	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)**		65577

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.

RECEIVED
APR 23 1996
MINING LANDS BRANCH

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 Project 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
	Feb 22/96

0212 (04/91)

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

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9680.00118

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)	Fred Kiernicki	Mike Heaty	Cameco Corp
Address	PO Box 1143 Kirkland Lake ON.	139 Carter Ave Kirkland Lake On	#6-1349 Kelly Lk Rd Sudbury On
Client No.	Fred - 152022 Mike - 158198 CAMECO - 114820		
Telephone No.	Fred - 705-567-4858 Mike - 705-567-4696 CAMECO 705-523-4555		
Mining Division	Larder.	Township/Area	Powell, Baden Argyle, Bannockburn.
M or G Plan No.			
Dates Work Performed	From: Nov 1/95	To: Dec 21/95	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
	Physical Work, Including Drilling	Diamond Drilling 1408m Thebe #115848
	Rehabilitation	
	Other Authorized Work	SECTION 18 ONLY
	Assays	265 core samples - Au+ICP # 3647
	Assignment from Reserve	

2.16490

RECEIVED
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ $119495

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
M. Koziol	137 Cranbrook Cr. Sudbury On P3E 2N4
A. Faber	321 Laura Ave. Sudbury On P3E 2N4
P. Chubb	#602-220 Regent St. S. Sudbury P3E 5S2

(attach a schedule if necessary)

Certification of Beneficial Interest * **See Note No. 1 on reverse side**

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date: Feb 22/96	Recorded Holder or Agent (Signature)

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: M. Koziol 137 Cranbrook Cr. Sudbury On P3E 2N4

Telepone No.: Ofc 705-523-4555	Date: Feb 22/96	Certified By (Signature)

For Office Use Only

Total Value Cr. Recorded: Applied $61,200 Reserve $58,295	Date Recorded: Feb 26/96	Mining Recorder	Received Stamp: RECEIVED LARDER LAKE MINING DIVISION FEB 26 1996
	Deemed Approval Date: May 26/96	Date Approved: Mar. 5/96	
	Date Notice for Amendments Sent		

0241 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	980238	1	15113		8000	7113
	1047776	1		400		
	1047778	1	8079		4000	4079
	1047779	1		400		
	1047780	1	11779			11779
	1047782	1	11114			11114
	1047783	1		400		
	1047786	1		400		
	1047787	1		400		
	1048620	1		400		
	1048621	1		400		
	1048622	1		400		
	1048623	1		400		
	1048624	1		400		
	1048625	1		400		
	1048626	1		400		
	1048627	1		400		
		Total Number of Claims	Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

RECEIVED NOV 1 1991 MINING LANDS BRANCH

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature

Date

Nov 28 1991

(2)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1048628	1		400		
	1048629	1		400		
	1048630	1		400		
	1048631	1		400		
	1048632	1		400		
	1048633	1		400		
	1048635	1		400		
	1048636	1		400		
	1048637	1		400		
	1048638	1		400		
	1048639	1		400		
	1048694	1		400		
	1048695	1		400		
	1048697	1		400		
	1048698	1		400		
	1048699	1		400		
	1048700	1		400		
	1048700		2.16400			
Total Number of Claims			Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

RECEIVED
NOV 15 2001
MINING LANDS BRANCH

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature | Date

Nov 16 2001

0241 (03/91)

(2)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1048701	1	22117		12000	10117
	1048702	1		400		
	1048703	1		400		
	1048704	1		400		
	1048705	1		400		
	1048707	1		400		
	1048708	1		400		
	1048709	1		400		
	1048710	1		400		
	1048711	1	1231			1231
	1048712	1		400		
	1048713	1		400		
	1048714	1		400		
	1048715	1		400		
	1048716	1	11256		5200	6056
	1048717	1		400		
	1048718	1		400		
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

2.16430

RECEIVED NOV .. 1994 MINING LANDS BRANCH

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respe to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

8I100 0896(?)

(4)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1048719	1		400		
	1048720	1		400		
	1048721	1		400		
	1186330	4	38806		32000	6806
	1205664	8		6000		
	1205665	16		6400		
	1205667	12		5600		
	$					
	1198129	1		400		
	1198130	1		400		
	1198131	1		400		
	1198132	1		400		
	1198140	15		6000		
	1198141	2		800		
	1205687	10		4000		
	1205688	15		6000		
	1205689	15		6000		
	Total Number of Claims: 69	157	Total Value Work Done: 119495	Total Value Work Applied: 61200	Total Assigned From: 61200	Total Reserve: 58295

2.16490

RECEIVED NOV 1? 1996 MINING LANDS BRANCH

0241 (03/91)

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with resr to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

8100003960

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

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

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

May 24, 1996

Our File: 2.16490
Transaction #: W9680.00116

Mining Recorder
Ministry of Northern Development & Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Mr. Spooner:

SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIMS L.971906 ET AL IN POWELL, BADEN, ARGYLE AND BANNOCKBURN TOWNSHIPS

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 12, Geology and Section 17, Assays, of the Assessment Work Regulation.

The approval date is May 21, 1996.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5858.

Yours sincerely,
ORIGINAL SIGNED BY:

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

LBJ/jl
Enclosure:

cc: Resident Geologist
Kirkland Lake, Ontario

Assessment Files Library
Sudbury, Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Recording Office
4 Government Road East
KIRKLAND LAKE, Ontario
P2N 1A2

Our File: W9680.00117
W9680.00118

November 5, 1996

Cameco Corporation
#6 - 1349 Kelly Lake Road
Sudbury, Ontario
P3E 5P5

2.16490

Dear Sir

SUBJECT: Report of Work #W9680.00117 & W9680.00118
Power Stripping, Diamond Drilling
L 1047785 et al, Powell Township

The above mentioned report of works were filed in this office February 26, 1996. According to subsection 6(7) of the assessment work regulations under The Mining Act, eligible assessment work shall be deemed to be approved for credit if this Ministry does not identify a deficiency within 90 days of filing.

The 90 day period has expired and therefore the work submitted in your report is to be considered automatically approved and recorded as you had indicated on the reverse side of your report of work form (attached).

If you have any questions please call us.

Yours truly

Roy Spooner
Mining Recorder
Larder Lake Mining Division
Telephone (7050 567-9241

RECEIVED
NOV 18 1996
MINING LANDS BRANCH

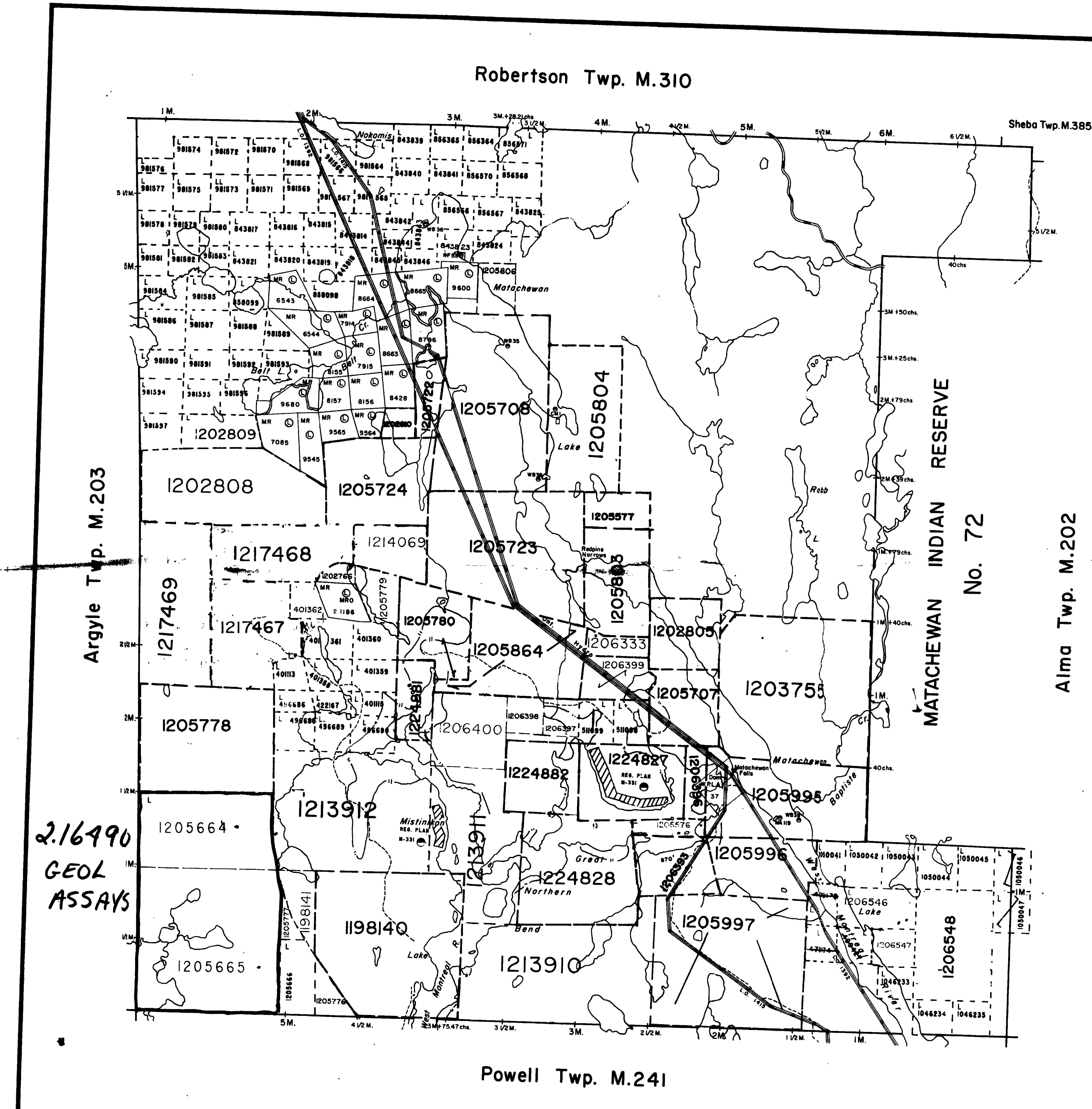
RS/lp

encl.

c.c.: Resident Geologist
Assessment File Office
Fred Kiernicki
Michael Leahy

TRIM LINE

M.205



CIRCULATED JAN. 30, 1995

THE TOWNSHIP
OF
BADEN

DISTRICT OF
TIMISKAMING

DATE OF ISSUE
NOV 13 1996
LARDER LAKE MINING RECORDER'S OFFICE

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.	●

RECEIVED
NOV 14 1996
MINING LANDS BRANCH

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 #O-L-10/95, 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

BADEN TWP.

2.16490
GEOL
ASSAYS

M.205

42A02SE0034 2.16490 BADEN

200

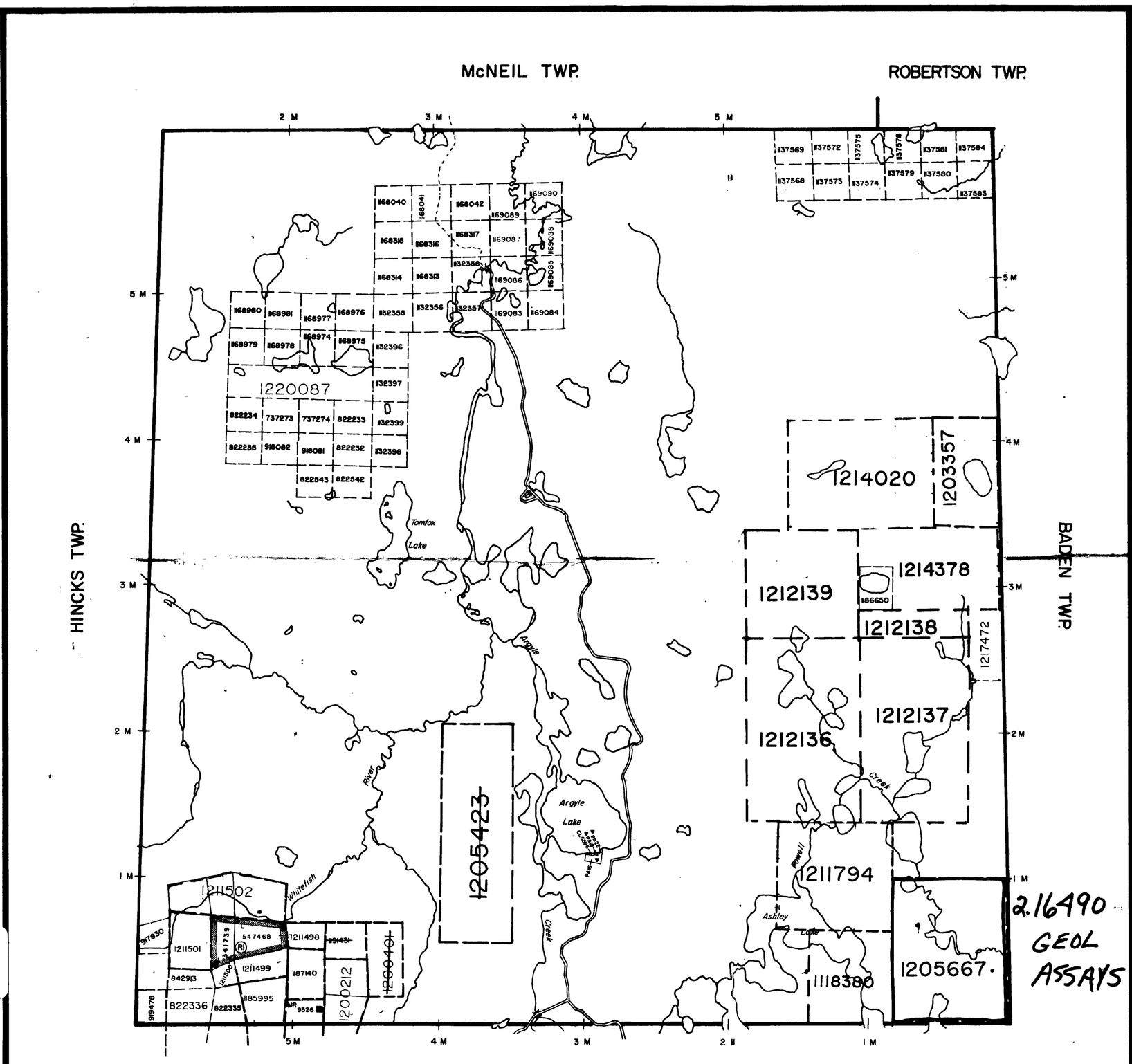
TRIM LINE

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	



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	⊕
CANCELLED	⊗
SAND & GRAVEL	⊙

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

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

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

LARDER LAKE MINING RECORDER'S OFFICE
NOV 13 1996
DATE OF ISSUE
RECEIVED
NOV 14 1996
MINING LANDS BRANCH

2.16490
GEOL
ASSAYS

THE FOLLOWING SURVEYS CAN BE FOUND ON THE ARCHIVED COPY DATED JUNE OF 1995: MR 10188 10187, 10189, 10186, 8609, 8608, 8605, 8604, 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

42A02SE0034 2.16490 BADEN

210

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.

TRIM LINE

TOS.M

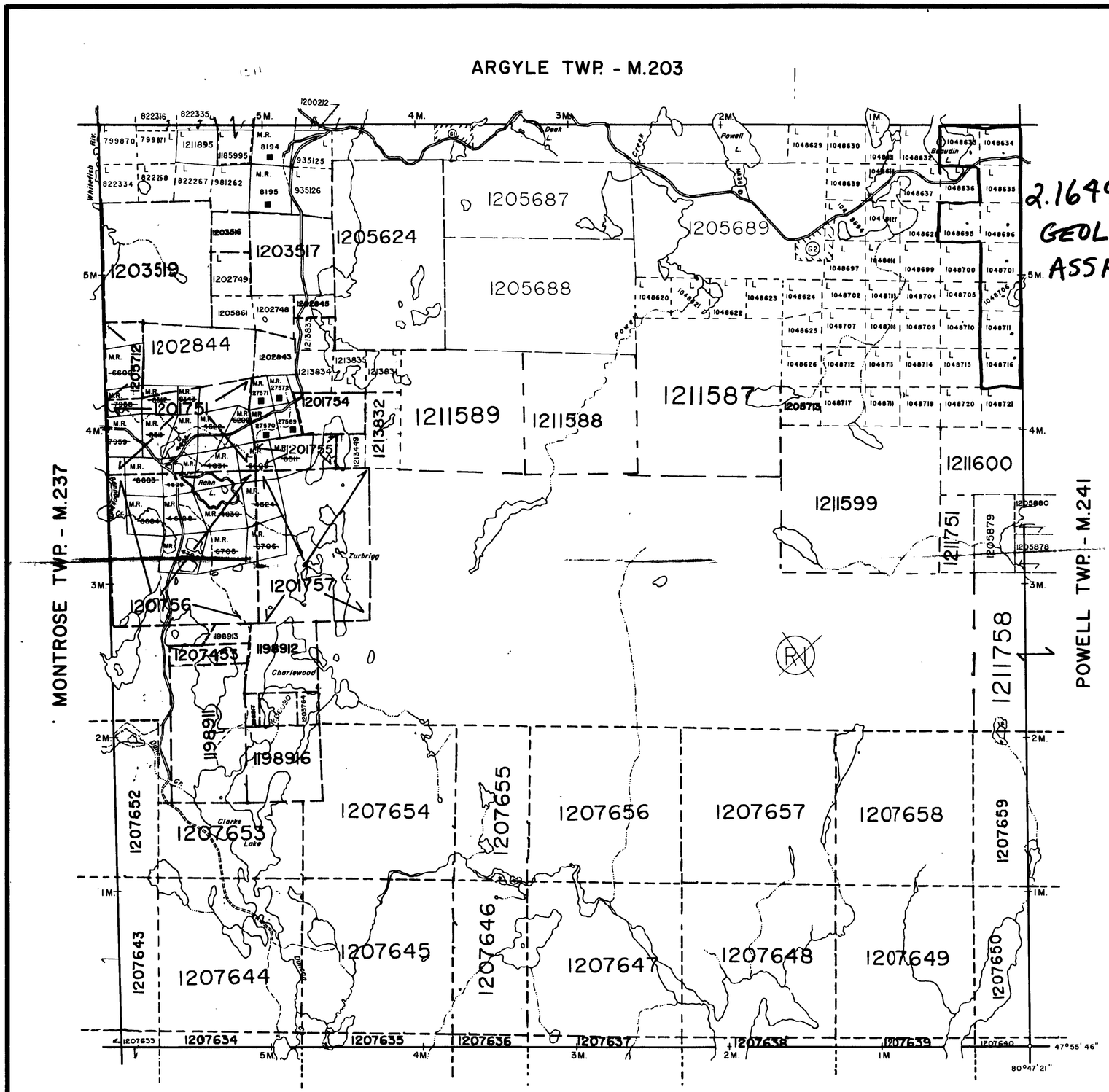
BANNOCKBURN

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.

CIRCULATED JANUARY 27, 1995

THE TOWNSHIP OF

BANNOCKBURN

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

2.16490
GEOL
ASSAYS

SCALE: 1-INCH = 40 CHAINS

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

(R) SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING, SECTION 36/80 ORDER W-65/83

(RI) Mining & Surface Rights Reopened to prospecting, sale or lease. Order O-L-10/95, previously withdrawn under Order W-65/83

NOTICE OF FORESTRY ACTIVITY.

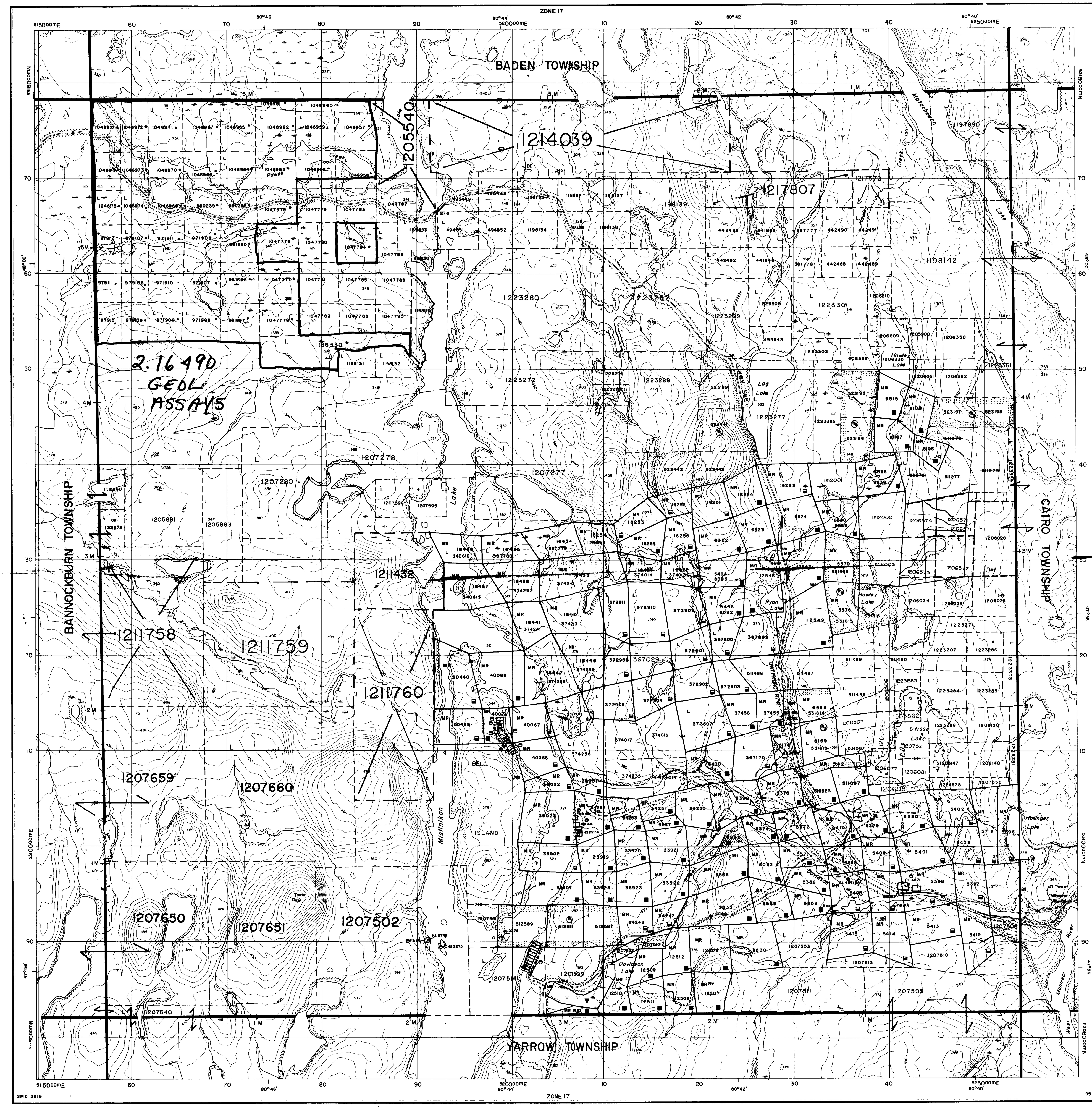
THIS TOWNSHIP / AREA FALLS WITHIN THE ELK LAKE MANAGEMENT UNIT

AND MAY BE SUBJECT TO FORESTRY OPERATIONS THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT P.O. BOX 129
SWASTIKA, ONT.
P0K 1T0
705-642-3222

PLAN NO. M.207

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

TRIM LINE



Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

INDEX TO LAND DISPOSITION

PLAN
G-3218

TOWNSHIP
POWELL

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE

MINING DIVISION
LARDER LAKE

LAND TITLES/REGISTRY DIVISION
TIMISKAMING

Scale 1:20 000

Contour Interval 10 Metres

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	

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

NOTES

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

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
Cancelled
Reservation
Sand & Gravel

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.

POWELL TWP.

G-3218

G-3218

BADEN TWP
POWELL TWP

Calc-alkalic Suite

Tholeiitic Suite

Meta Sediments (North Band)

Kirkland-Larder Lake Break

High Strain Zone

Siliceous and Carbonate Rich Sediments

Syenite

Meta Sediments

Ultramafic Sequence

Kirkland-Larder Lake Break (South Splay)

POW9505 −50°,267.0m

POW9506 −50°,148.1m

POW9507 −50°,178.6m

POW9504 −50°,139.0m

POW9502 −50°,160.3m

POW9501 −50°,321.3m

POW9503 −50°,193.9m

TRENCH 10g,QV,800ppb Au

Beaudin Lake

Mistinikon Lake

Powell Creek

Mistinikon Lake

Beaver Pond

Old Beaver Pond (Dry)

Abandoned Beaver Pond

Rivers Shelter Bush

TL 25+00N

TL 15+00N

BL 2+00S

TL 10+00S

HWY 566

0+00 2+00E 4+00E 6+00E 8+00E 10+00E 12+00E 14+00E 16+00E

8+00W 6+00W 4+00W 2+00W 0+00 5+00E 10+00E 15+00E 20+00E 25+00E 30+00E 5+00W

LEGEND

1 Basalt
2 Andesite
3 Rhyolite – Dacite
4 Komatiite

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

5c Chert

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

6hh Monolithic Conglomerate Clast Supported
6hl Monolithic Conglomerate Matrix Supported
6hj Heterolithic Conglomerate Clast Supported
6hj Heterolithic Conglomerate Matrix Supported

Mineralization

As	Arsenopyrite	CB	Carbonate (Ankerite)
Au	Gold	CL	Chlorite
BN	Bornite	EP	Epidotized
CP	Chalcopyrite	FC	Fuchsite
GR	Graphite	FP	Feldspar
HM	Hematite	SI	Silica
MG	Magnetite	TC	Talc
MO	Magnetite	TM	Tourmaline
Py	Pyrite	TR	Tremolite
		SE	Sericite

Alteration Mineral

Texture

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

foliation, vertical, inclined
bedding, vertical, inclined
shearing
outcrop
Cameco 1995 drill hole
old drill holes
topography
edge of clear cut
trenches
Lithologic Boundary
High Strain Zone

RECEIVED
1996
MINERAL DEPOSITS BRANCH

Scale 1:5000

Cameco

POWELL PROJECT

Geology and Diamond Drill Hole Locations

Compiled By: Alain Faber	95/12/29	Dwg No.: ECG95037
Drafted By: Clayton Durbin		Map 1
Scale: 1:5,000		
N.T.S.: 41 P/15, 42 A/02		
Disposition(s):		

240

Mistinikon
Lake
BADEN TWP
POWELL TWP
Beaudin
Lake
Creek
Powell
Creek
HWY 566
Mistinikon
Lake
TL 25+00N
TL 15+00N
TL 10+00S
BL 2+00S
8+00W
6+00W
4+00W
2+00W
0+00
2+00E
4+00E
6+00E
8+00E
10+00E
12+00E
14+00E
15+00E
20+00E
25+00E
30+00E
5+00W
5+00E
10+00E
15+00E
20+00E
25+00E
30+00E
1205666
1046961
1046960
1046950
1046971
1046972
1046967
1046965
1046962
1046959
1046957
1048632
1048633
1048634
1048637
1048636
1048635
1046973
1046964
1046949
1046963
1046958
1046956
1048628
1048695
1048696
1046970
1046968
1046974
1046969
1047775
1047779
1047783
1047787
1048699
1048700
1048701
980230
1047776
1047780
1047788
971911
971906
979107
1048704
1048705
1048706
981896
1047777
1047781
1047785
1047789
1048709
1048710
1048711
979111
979108
971910
971907
1047778
1047782
1047786
1047790
979110
979109
971909
981897
1048714
1048715
1048716
1186330
1048719
1048720
1048721
LEGEND
×94-011 Grab Samples
×95X-1046
×95C-1046 Channel Samples
Outcrop
Roads
2.16490
RECEIVED
NOV 13 1996
MINING LANDS BRANCH
0 100 200 300 400 500m
Scale 1:5000
Cameco
POWELL
PROJECT
Rock Sample Locations
Compiled By: Alain Faber 95/09/15
Drafted By: Clayton Durbin
Scale: 1:5,000
N.T.S.: 41 P/15, 42 A/02
Disposition(s):
Dwg No.: ECG95042
Map 2

1050S 1000S 950S 900S 850S 800S

Claim Boundary

1186330 | 1047782

IP Anomaly IP Anomaly IP Anomaly

POW9501
L26E/805S
Azimuth: 180°
Dip: -50°

330 300 250 200 150 100 50 0

SWAMP
OVERBURDEN
BASALT
CONGLOMERATE
MAFIC SYENITE
CONGLOMERATE, GRAPHITIC ARGILLITE (FAULT)
ULTRAMAFIC SEQUENCE
CHERT BRECCIA, GRAPHITIC ARGILLITE
POLYMICTIC CONGLOMERATE
ULTRAMAFIC SEQUENCE
GRAPHITIC ARGILLITE
MAFIC DYKE
TALC SCHIST (KIRKLAND LAKE BREAK)
FINE SEDIMENTS
PERIDOTITE
CLORITE-TALC ALTERED SEDIMENTS
GREYWACKE AND SILTSTONE

32130 m
POW9501

260

LEGEND

- Peridotite
- Talc–Schist
- Ultramafic Volcanic Rocks
- Basalt Volcanic Rocks
- Mafic Syenite
- Graphitic Sediments
- Greywacke and Siltstone
- Mafic Dyke
- ∿∿∿ Fault

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100m
Scale 1:500

42A02SE0034 2.16450 BADEN

Cameco

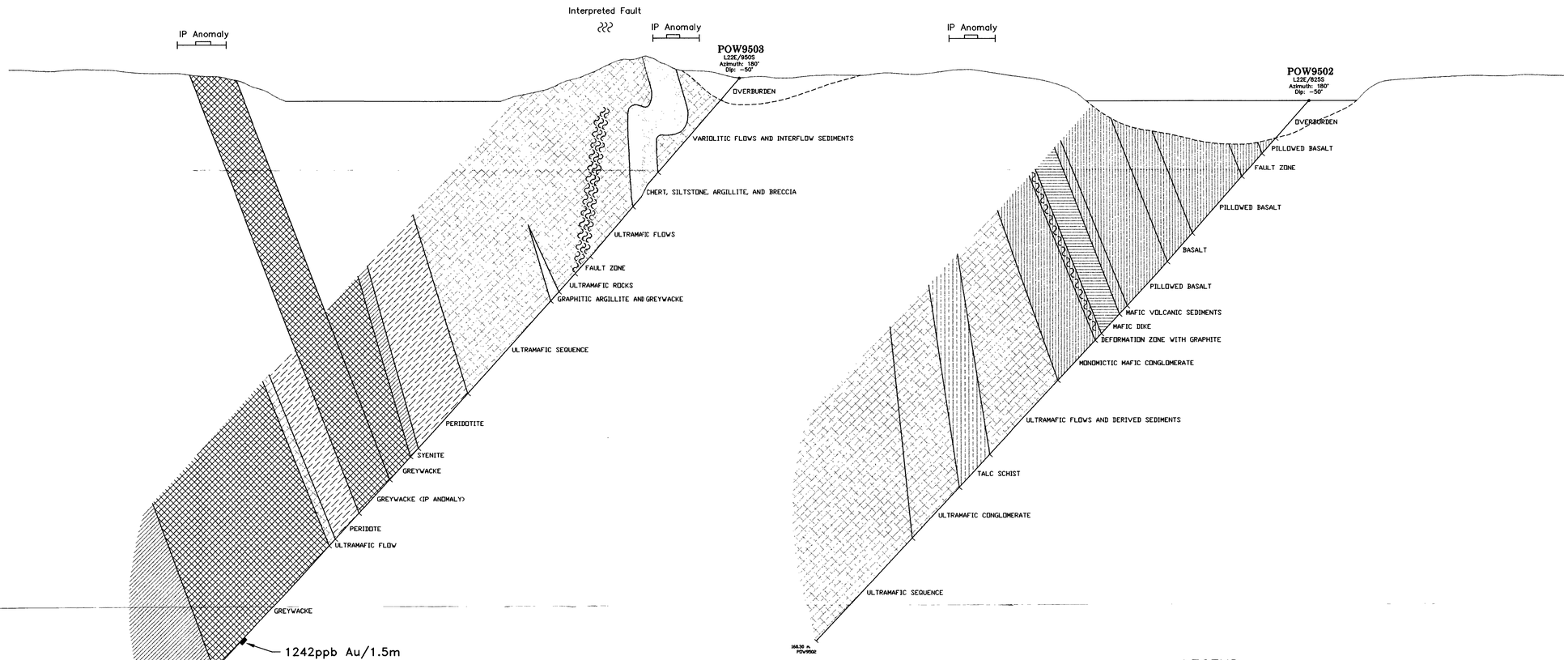
POWELL PROJECT

Geological Cross Section L26E
Diamond Drill Hole POW9501
(Looking West)

Compiled By: Alain Faber 95/12/22	Dwg No.: ECG95070
Drafted By: A.F., C.D.D.	
Scale: 1:500	Map 3
N.T.S.: 41 P/15, 42 A/02	
Disposition(s): Claims 1047782, 1186330	

Claim Boundary

1186330 | 1047778



LEGEND

- Peridotite
- Talc–Schist
- Ultramafic Volcanic Rocks
- Mafic Volcanic Rocks
- Syenite
- Graphitic Argillite
- Greywacke
- Mafic Dyke
- Fault
- Au(ppb)/Metres

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100m

Scale 1:500

2.16490

Cameco

POWELL PROJECT

Geological Cross Section L22E
Diamond Drill Holes POW9502,3
(Looking West)

Compiled By: Alain Faber 95/12/22	Dwg No.: ECG95071
Drafted By: A.F., C.D.D.	
Scale: 1:500	Map 4
N.T.S.: 41 P/15, 42 A/02	
Disposition(s): Claims 1047778, 1186330	

250S

200S

150S

IP Anomaly

POW9504
L25E/150S
Azimuth: 180°
Dip: -50°

330

330

OVERBURDEN

BASALT FLOW

PILLOWED BASALT

GRAPHITIC ARGILLACEOUS CONGLOMERATE BRECCIA

BASALT FLOW

AMYGDALOIDAL BASALT

BASALT FLOW

PILLOWED BASALT

MAFIC DIKE

PILLOWED BASALT

300

300

250

250

139.00 m.
POW9504

280

200

150S

200

250S

200S

LEGEND

Ultramafic Volcanic Rocks

Graphitic Sediments

Mafic Dyke

0 5 10 15 20 25 30 35 40 45 50m

Scale 1:500

42A02SE0034 2.16490 BADEN

Cameco

POWELL PROJECT

Geological Cross Section L25E
Diamond Drill Hole POW9504
(Looking West)

Compiled By: Alain Faber 95/12/22	Dwg No.: ECG95072
Drafted By: A.F., C.D.D.	
Scale: 1:500	Map 5
N.T.S.: 41 P/15, 42 A/02	
Disposition(s): Claim 1047780	

200S 150S 100S 50S 0N 50N 100N 150N

IP Anomaly

IP Anomaly

IP Anomaly

POW9505
L4W/050N
Azimuth: 180°
Dip: -50°

340

300

250

200

150

OVERBURDEN

OVERBURDEN

LAPILLI TUFF (CALC-ALKALIC SUITE)

IP ANOMALY-GRAPHITIC ARGILLITE

SEDIMENTARY SEQUENCE

GRAPHITIC INTERVAL
SEDIMENTARY SEQUENCE

BASALT FLOWS

2670.00 n.
POV9505

LEGEND

- Intermediate Volcanic Rocks
- Basalt Flows
- Graphitic Argillite
- Greywacke and Siltstone

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100m

Scale 1:500

RECEIVED
NOV 13 1996
MINING LANDS BRANCH

2.16490

Cameco

POWELL PROJECT

**Geological Cross Section L4W
Diamond Drill Hole POW9505
(Looking West)**

Compiled By: Alain Faber 95/12/22	Dwg No.:ECG95073
Drafted By: A.F., C.D.D.	
Scale: 1:500	Map 6
N.T.S.: 41 P/15, 42 A/02	
Disposition(s): Claim 1048701	

42A02SE0034 2.16490 BADEN

290

200S 150S 100S 50S 0N 50N 100N

850S

800S

750S

Claim Boundary

IP Anomaly

1048716 | 1048711

POW9506
L4W/745S
Azimuth: 180°
Dip: -50°

350

350

OVERBURDEN

300

300

SYENITE

FAULT GOUGE

250

250

148.10 m.
POW9506

200

200

LEGEND

Syenite

Fault

300

0 5 10 15 20 25 30 35 40 45 50m

Scale 1:500

2.16490

750S

800S

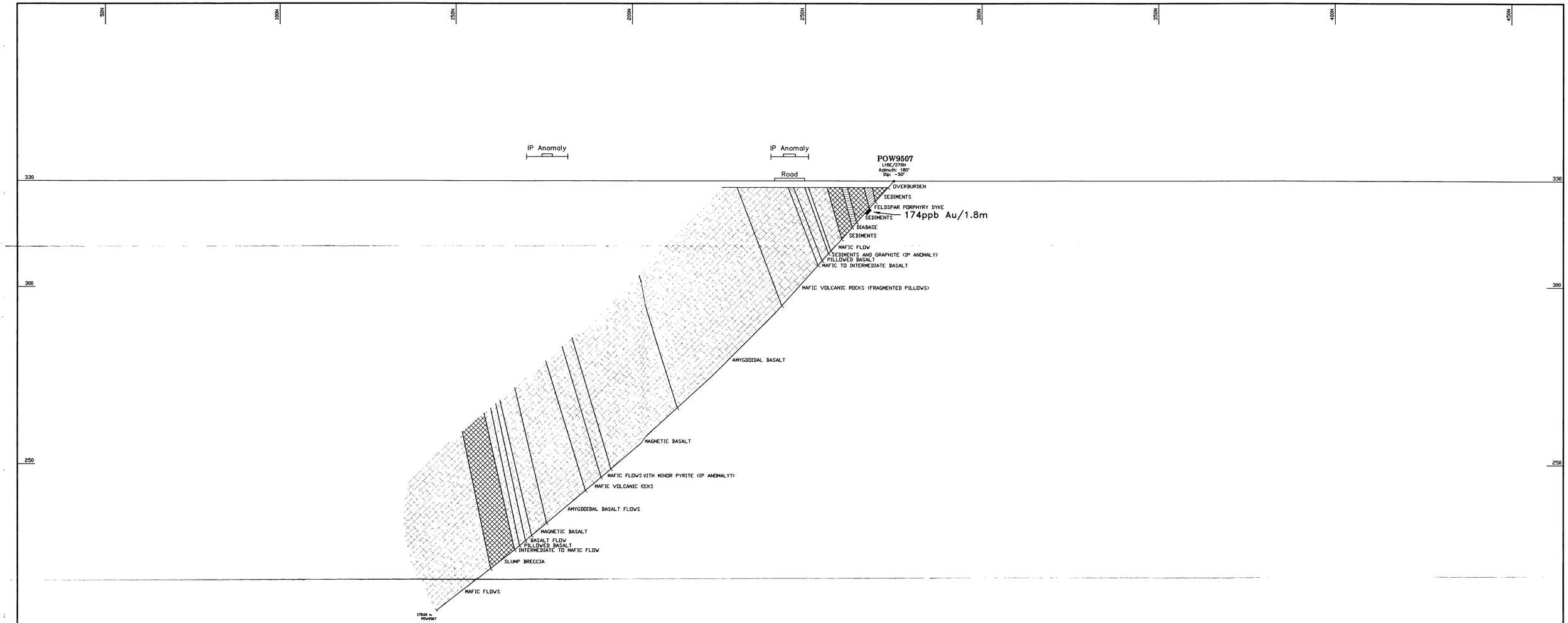
850S

Cameco

POWELL PROJECT

Geological Cross Section L4W
Diamond Drill Hole POW9506
(Looking West)

Compiled By: Alain Faber 95/12/22	Dwg No.: ECG95074
Drafted By: A.F., C.D.D.	
Scale: 1:500	Map 7
N.T.S.: 41 P/15, 42 A/02	
Disposition(s): Claims 1048711, 1048716	



LEGEND

- Mafic Volcanic Rocks
- Feldsar Porphyry
- Graphitic Sediments
- Bedded Fine Grained Sediments
- Diabase
- Au(ppb)/Metres

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100m

Scale 1:500

42A02SE0034 2 16490 BADEN

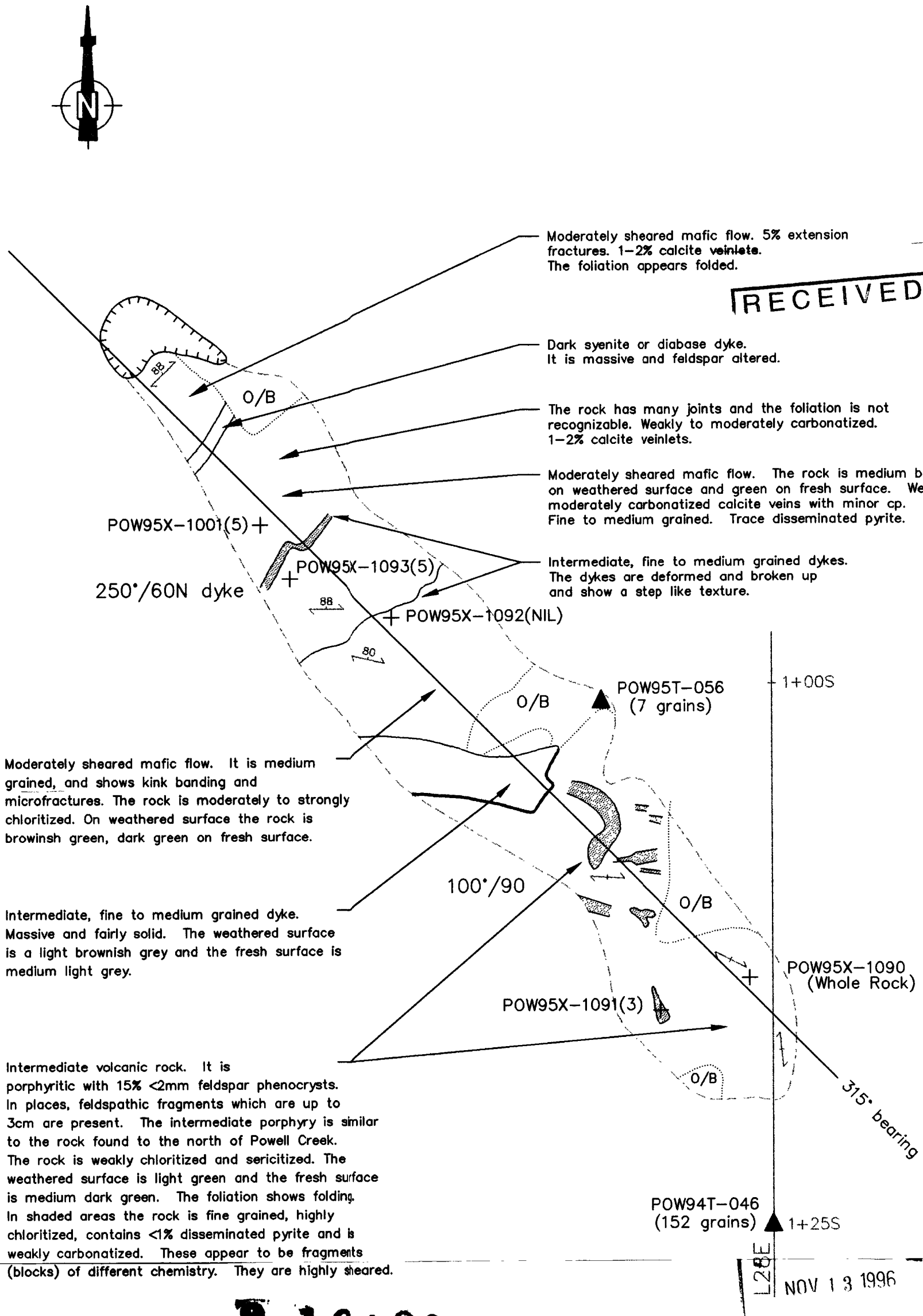
310

Cameco

POWELL PROJECT

Geological Cross Section L16E
Diamond Drill Hole POW9507
(Looking West)

Compiled By: Alain Faber 95/12/22	Dwg No.: ECG95075
Drafted By: A.F., C.D.D.	
Scale: 1:500	Map 8
N.T.S.: 41 P/15, 42 A/02	
Disposition(s): Claim 980238	



2.16490

320

+ POW95X–1091(3) Grab Sample (ppb Au)

▲ POW94T–046 (152 grains) Till Sample
(Gold Grain Count for a Normalized Sample of 10kg)

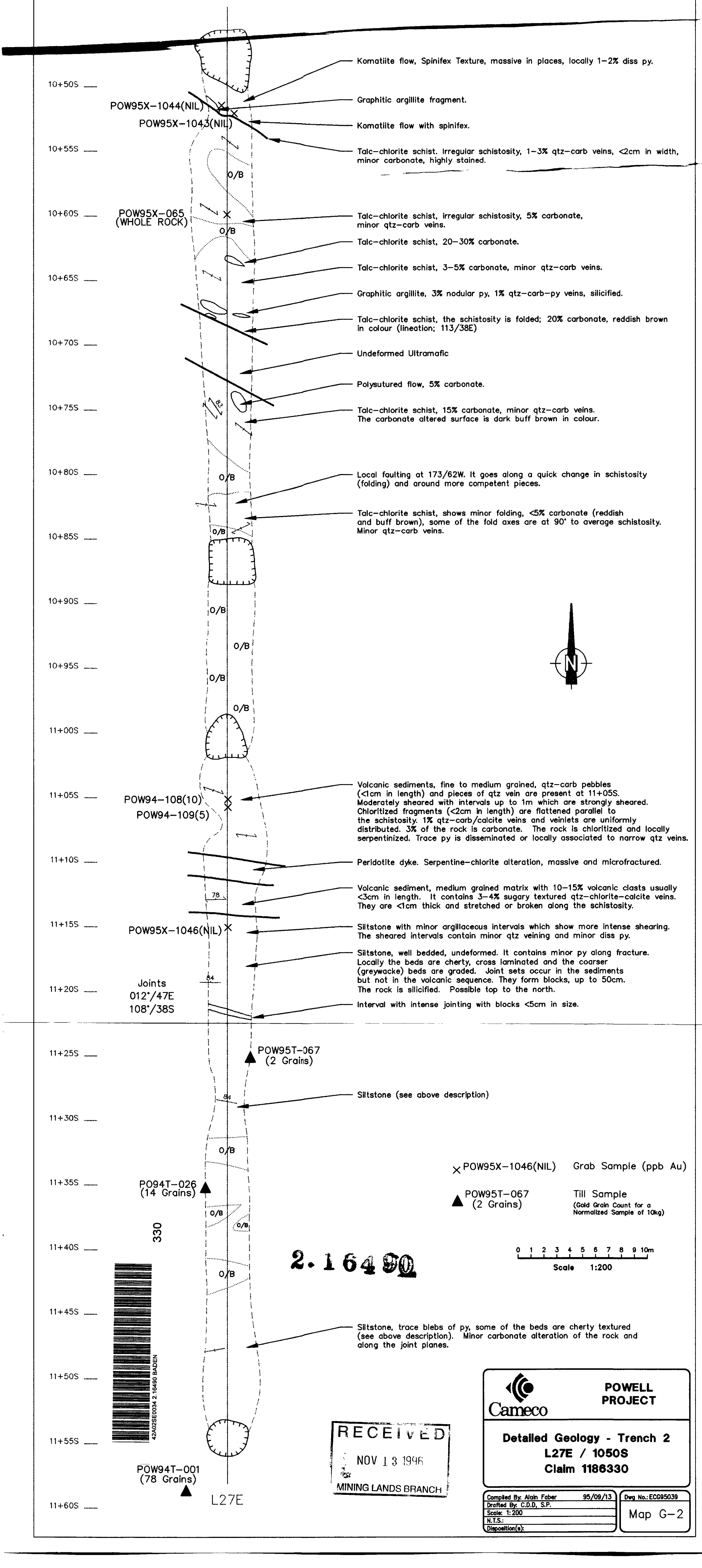
0 1 2 3 4 5 6 7 8 9 10m
Scale 1:200

Cameco

POWELL PROJECT

Detailed Geology - Trench1
L28E / 1+15S
Claim 1047785

Compiled By: Alain Faber 95/09/13	Dwg No.: ECG95038
Drafted By: C.D.D., S.P.	Map G–1
Scale: 1:200	
N.T.S.:	
Disposition(s):	



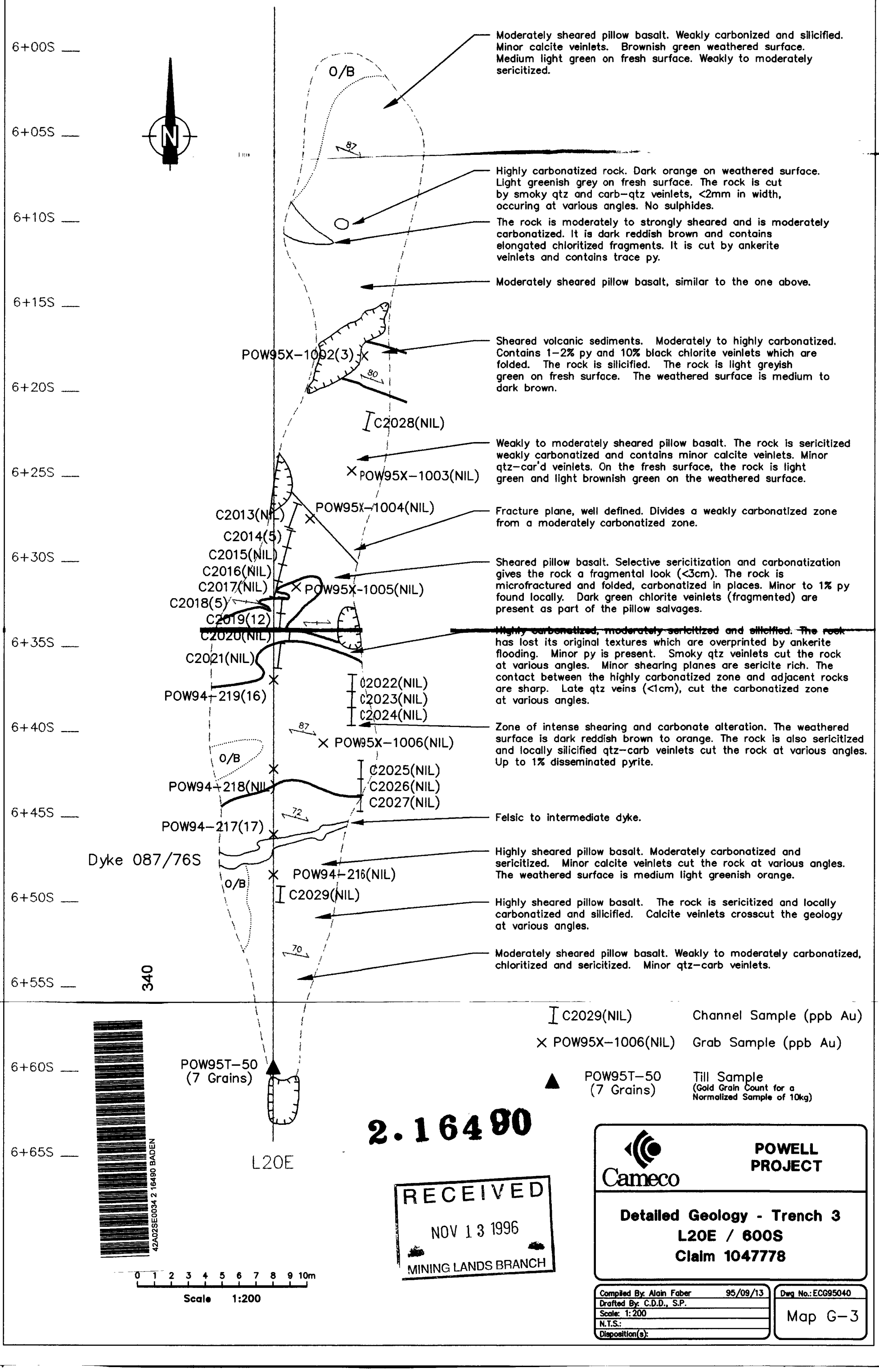
2.16490

Cameco

POWELL PROJECT

Detailed Geology - Trench 2
L27E / 1050S
Claim 1186330

Compiled By: Alain Faber 95/09/13	Dwg No.: ECG95039
Drafted By: C.D.D, S.P.	Map G-2
Scale: 1:200	
N.T.S.:	
Disposition(s):	



2.16490

Cameco

POWELL PROJECT

Detailed Geology - Trench 3
L20E / 600S
Claim 1047778

Compiled By: Alain Faber 95/09/13	Dwg No.: ECG95040
Drafted By: C.D.D., S.P.	Map G-3
Scale: 1:200	
N.T.S.:	
Disposition(s):	