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CAMECO CORPORATION

BENTON PROJECT

ASSESSMENT REPORT COVERING LINECUTTING, GEOLOGICAL MAPPING AND SOIL SURVEYS APRIL-NOVEMBER, 1994

November 7, 1995

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Dual. # 2.4722

SUMMARY

The Benton property consists of seven claims comprising 86 claim units that are located 170 kilometres northwest of Sudbury, Ontario. The claims are held 100% by Cameco Corporation. The claims are situated in the central and eastern parts of Benton Township.

The property was acquired by staking in March 1994 following some regional geological reconnaissance work completed in the southern Swayze greenstone belt as part of the Ontario Generative project. The area was recognized as having many geological characteristics in common with established gold mining camps such as Kirkland Lake and Timmins. The property lies along a regional high strain zone known locally as the Halcrow-Osway fault. It is thought that this high strain zone may be an extension of the Kirkland Lake-Larder Lake Break to the east. This regional structure is characterized by shearing, carbonatization, silicification and sericitization of most lithologies and by the presence of numerous gold showings and one past producer.

Following the staking, a 136 kilometre grid was cut, and a program of geological mapping and sampling was conducted. The geological mapping has confirmed the existence of narrow zones of high strain (shear) which cross the property. The lithologies present include mafic to intermediate volcanic flows and pyroclastics, chert/iron formation and minor amounts of felsic volcanics, gabbro and diabase. Within the high strain zone, alteration intensity has increased with the rocks containing dolomite, ankerite and sericite.

No significant gold occurrences were located as a result of the current program. The highest gold value from the present work is 847 ppb, from a chert unit. Up to 225 ppb gold is found in B-horizon soils near outcrops of intermediate pyroclastics. Sulphide mineralization is most often observed in chert/iron formation outcrops but is also found in intermediate to felsic pyroclastic units.

The presence of extensive overburden on the property inhibits the proper and complete evaluation of its gold potential. Ground geophysical surveys will assist in the interpretation of the bedrock geology. It is recommended that further exploration of the property consist of magnetic and VLF surveys, limited IP/resistivity surveying and a program of diamond drilling to test geological and geophysical targets.

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1.0 Introduction

The Benton property consists of seven claims comprising 86 claim units and is located in the eastern part of Benton Township about 170 kilometres northwest of Sudbury, Ontario. The property was acquired by Cameco in March 1994 by staking open ground.

The property is situated along the Halcrow-Osway corridor, which delimits a zone of high strain, along with anomalous carbonatization, silicification and locally sericitization. The property lies to the northwest of a zone of gold mineralization known as the Burton showing. The main lithologies which underlie the area include intermediate to mafic volcanic flows and pyroclastics, minor mafic volcanic flows, felsic tuffs, minor gabbro and chert sulphide iron formation. Numerous Input conductors cross the property and are associated with the volcanosedimentary lithologies.

This report covers exploration work done on the Benton property by Cameco personnel during 1994, including linecutting, geological mapping and lithogeochemical and soil sampling. The field work was completed by contractors and by Doug Panagapko and Peter Chubb.

2.0 Property Location and Access

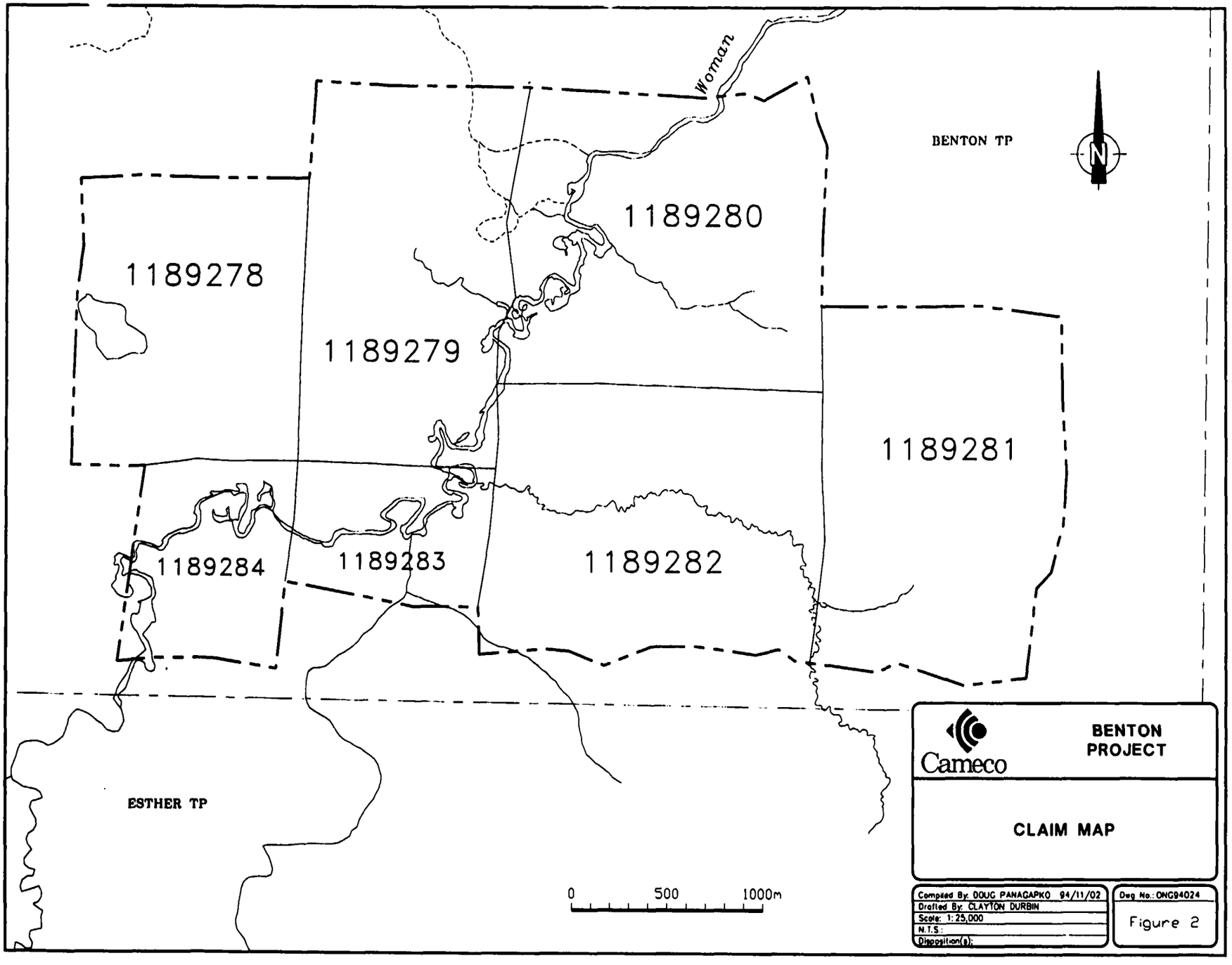
The Benton property consists of seven claims totalling 86 claim units, located in Benton Township, about 120 kilometres southwest of Timmins and 170 kilometres northwest of Sudbury, Ontario (see Figure 1). The property lies south of the Wakami River and is bisected by the Woman River.

The property can be accessed via the Dore road which leaves the Sultan Industrial Road about 24 kilometres east of Sultan, Ontario. An old logging road exits the Dore road 12 kilometres north of the Sultan road about one kilometre north of Fawn Creek. An overgrown logging road, 10 km long and suitable for use by ATV, provides access to the Woman River. A canoe must be used to access the baseline, and the part of the grid on the east side of the Woman River.

3.0 Land Status

The layout of the claim group is given in Figure 2. The property was acquired by staking in March and April 1994. The work was contracted out to Exsics Exploration of Timmins and the claims were recorded April 8, 1994. A total of $34,400 in assessment work must be filed by April 8, 1996 to keep the claims in good standing. The claim abstracts may be found in Appendix A.


ONTARIO
QUEBEC
Timmins
Kirkland Lake
Thunder Bay
BENTON
101
Chapleau
Sultan
Sultan Industrial Road
144
129
Sudbury
Lake Superior
USA
Lake Huron
TORONTO
Lake Erie
Lake Michigan
0 100 200 300 400 500km
Scale 1:5,000,000
Cameco
BENTON PROJECT
PROPERTY LOCATION MAP
Compiled By: DOUG PANAGAPKO 94/11/02
Drafted By: W.H., C.D.D.
Scale: 1:5,000,000
N.T.S.:
Disposition(s):
Dwg No.: ONGS4026
Figure 1


Woman
BENTON TP
N
1189280
1189278
1189279
1189281
1189284
1189283
1189282
ESTHER TP
0
500
1000m
Cameco
BENTON PROJECT
CLAIM MAP
Compiled By: DOUG PANAGAPKO 94/11/02
Drafted By: CLAYTON DURBIN
Scale: 1:25,000
N.T.S.:
Disposition(s):
Dwg No.: ONG94024
Figure 2

4.0 Topography and Vegetation

The property lies within the Hudson Bay watershed, about 25 kilometres north of the divide between the Great Lakes and Arctic watersheds. The Woman River flows north into the Wakami River which then flows northeast into Horwood Lake. Several creeks drain into the Woman River, which is meandering and relatively fast flowing. One set of short rapids located at 4+00E/3+50S must be negotiated to access the southern part of the grid. The property is largely covered by gravel and sand deposits to the east of the river and cedar, spruce and tamarack swamps to the west of the river. There is about 2-5% outcrop exposure east of the river but the area to the west is largely sand and swamp.

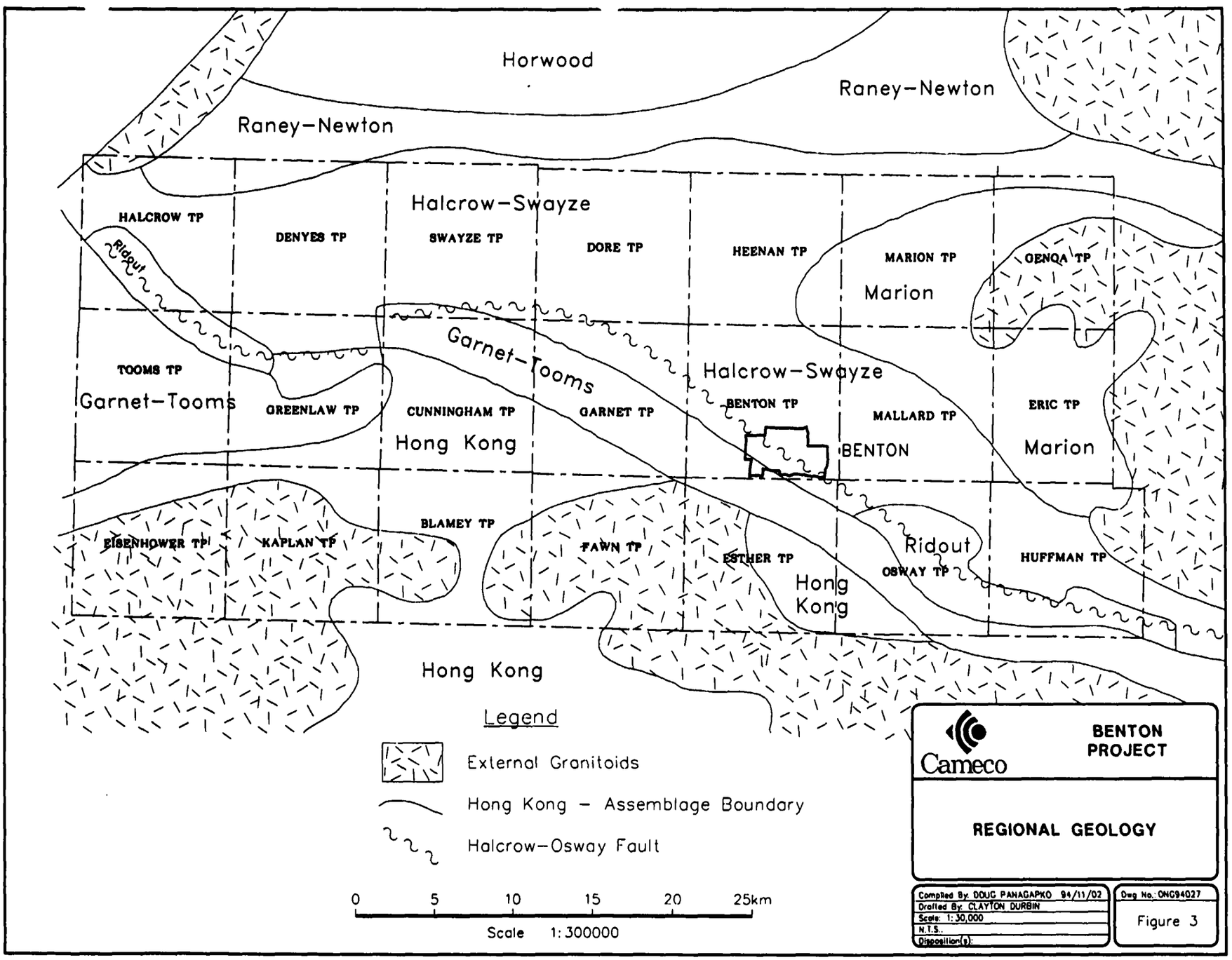
The upland areas on the grid are covered by poplar, birch and jack pine with some white spruce. In sand covered areas, jack pine predominate. Lower, poorly drained areas are covered by stunted black spruce, and in very wet areas, tamarack. Alder is very abundant within 50 metres of the Woman River. Refer to Figure 5 for topographic and vegetation features.

5.0 Regional Geology

The Benton property is located within the Abitibi Subprovince of the Precambrian Shield, specifically in the southwesternmost part of this extensive greenstone belt. The supracrustal sequence is bounded to the east by the Kenogamissi Batholith, to the south by the Ramsay-Algoma gneissic complex and to the west by the Kapuskasing granulite terrain. It is referred to as the Swayze greenstone belt.

The southern part of the Swayze greenstone belt, south of Coppell, Newton and Dale townships, can be broadly subdivided into five main assemblages (after Jackson and Fyon, 1991). These assemblages are: Garnet-Tooms, Hong Kong, Marion, Halcrow-Swayze and Ridout. Of regional significance to the Benton property are the Garnet-Tooms, and Halcrow-Swayze assemblages (see Figure 3).

The Garnet-Tooms assemblage underlies much of the southern half of Benton Township. It lies between the Ridout assemblage to the north and a unit of oxide facies iron formation which forms the top of the Hong Kong assemblage to the south. The main rock units which make up this assemblage are tholeiitic basalt, intermediate to felsic calc-alkalic flows and komatiitic flows with minor oxide facies iron formation. The basaltic rocks are cut by coarser grained dioritic to gabbroic phases which may be intrusions or coarse flows. Generally, the massive to pillowed tholeiitic basalts form the base of the assemblage and the upper part consists of calc-alkalic feldspar porphyritic basalts and andesites.


Horwood
Raney–Newton
Raney–Newton
Halcrow–Swayze
HALCROW TP
DENYES TP
SWAYZE TP
DORE TP
HEENAN TP
MARION TP
GENOA TP
Marion
Ridout
Garnet–Tooms
TOOMS TP
Garnet–Tooms
GREENLAW TP
CUNNINGHAM TP
GARNET TP
Halcrow–Swayze
BENTON TP
MALLARD TP
ERIC TP
Hong Kong
BENTON
Marion
BLAMEY TP
EISENHOWER TP
KAPLAN TP
FAWN TP
ESTHER TP
Ridout
OSWAY TP
HUFFMAN TP
Hong Kong
Hong Kong
Legend
External Granitoids
Hong Kong – Assemblage Boundary
Halcrow–Osway Fault
0 5 10 15 20 25km
Scale 1:300000
Cameco
BENTON PROJECT
REGIONAL GEOLOGY
Compiled By: DOUG PANAGAPKO 94/11/02
Drafted By: CLAYTON DURBIN
Scale: 1:30,000
N.T.S.
Disposition(s):
Dwg No.: ONG94027
Figure 3

The Halcrow-Swayze assemblage is the most regionally extensive group of lithologies in the southern Swayze belt, underlying the southern parts of Halcrow, Denyes, Swayze, Dore and Heenan townships and much of Garnet and Benton townships. The primary lithologies which make up the assemblage are komatiitic flows, tholeiitic basalt and intermediate to felsic calc-alkalic volcanics interlayered with oxide facies iron formation. The komatiitic to tholeiitic phases tend to occur along the margins of the assemblage with the intermediate to felsic rocks occupying the core (ie. in Denyes and Swayze townships).

The Benton property is underlain by rocks belonging to the Halcrow-Swayze and Garnet-Tooms assemblages. The area covering Benton Township was mapped by Siragusa in 1977-78 as part of a four-township mapping program (Siragusa, 1987). During 1993 and 1994, regional geological mapping has been completed over the south Swayze greenstone belt by Kevin Heather of the Geological Survey of Canada (Heather, 1994). Part of the work completed includes geochronological dating of various key lithologies in the area. These data have allowed for a re-interpretation of the overall stratigraphy and structure of the south Swayze area.

6.0 Previous Exploration

Exploration in the Benton Township area goes back to the late 1920's. Northern Aerial Minerals Exploration conducted some surface exploration around a gold showing in northeast Esther Township in 1928 (Laird, 1936). This area was to become known as the Burton showing. Prospecting activity to the east in Mallard Township commenced in 1931 with the discovery of gold at the falls on the Woman River. No specific activity is noted in Benton Township, although it is likely the area was traversed at this time.

In 1977, Granges Exploration AB drilled several holes in Benton Township, only two of which are close to the current land holdings. Hole SW-38 was drilled about 1300 metres west of the property and encountered andesite and andesitic tuff with graphitic, pyritic sections. Hole SW-44 was drilled about 1500 metres north of the property and cored dacitic tuff with graphitic bands and minor pyrite.

In 1975, Noranda Exploration Co. Ltd. completed ground geophysical surveys over several claim blocks in the vicinity of the Benton claims. This work was followed up in 1977 with two diamond drill holes. Hole B77-1 is located about 900 metres northwest of the property and intersected andesite, graphitic tuff and peridotite. Hole B77-2 was collared some 900 metres northeast of the claim block and drilled dacitic to andesitic flows and tuffs, grey chert and graphitic slates.

Weaco Resources Ltd. flew a Terraquest airborne VLF/Mag survey over the south Benton area in 1985. They also completed geological mapping over most of the current property. They noted several zones of intense shearing and alteration and recommended further work. No drilling was completed by Weaco in the current property area.

Central Crude Ltd. staked the ground in 1988 and completed an Aerodat airborne EM/Mag survey. As far as can be determined, they did not complete any ground follow-up. They still retain claims immediately west of the Cameco holdings.

7.0 1994 Exploration Program

7.1 Linecutting

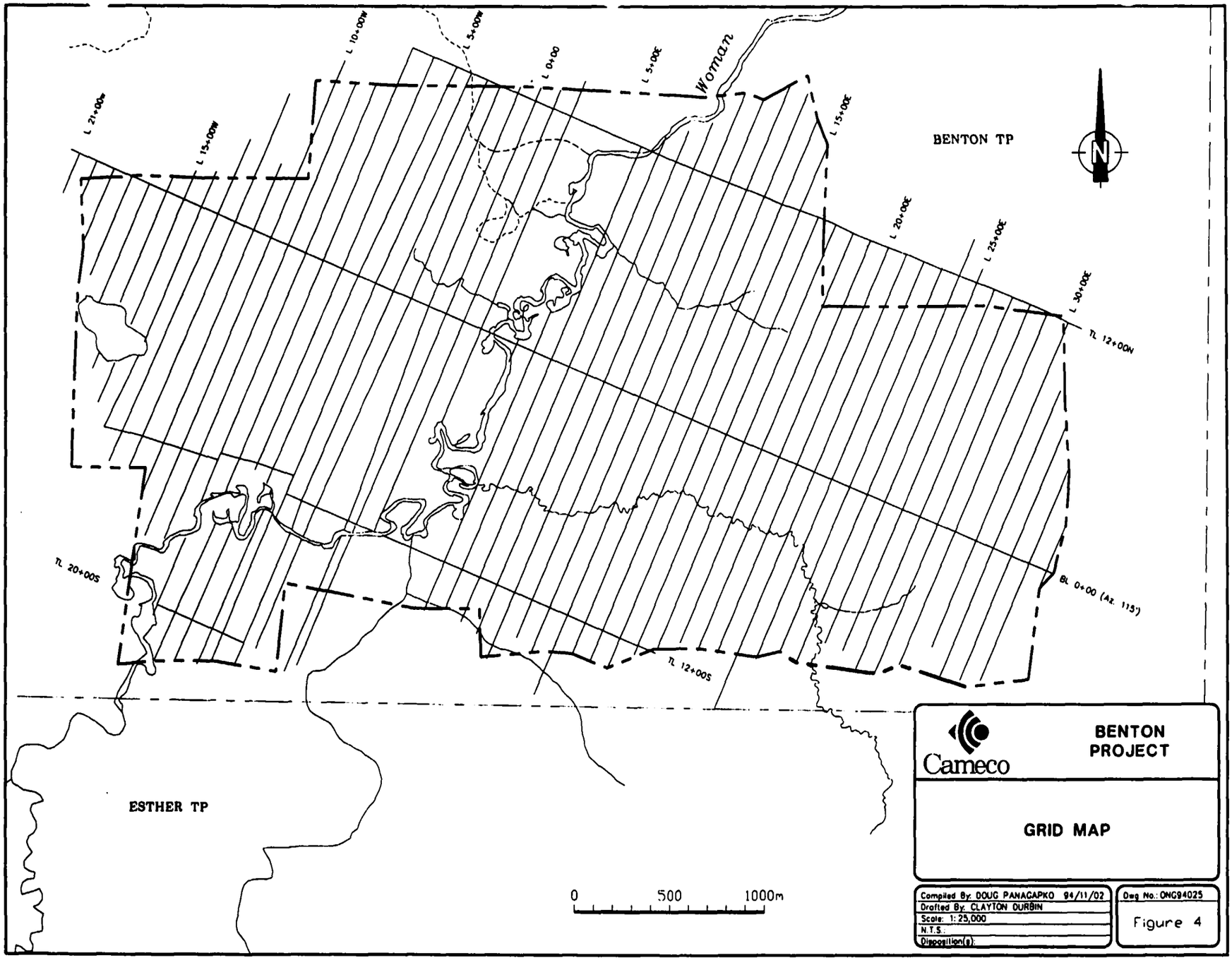
During the period April 15 to May 20, a cut line grid was completed over the Benton property. The work was contracted out to Services Exploration Enrg of Rouyn-Noranda, Quebec. A total of 136.0 kilometres of baselines, tie-lines and grid lines were cut and chained. Approximately 10 km of grid lines could not be cut due to the position of the Woman River. The baseline, oriented at 115° Az., was started on the Woman River at a point about 700 metres south of where the access trail reaches the river. This point could easily be located on 1:20,000 scale airphotos. In order to complete the grid around several small lakes, and to facilitate the completion of geophysical and geological surveys, it was necessary to cut tielines at 12+00N and 12+00S. Every 100 metre picket was marked with a metal dymo tag for a more permanent record. Figure 4 shows the grid layout.

7.2 Geological Mapping

7.2.1 Introduction

During the period July 11-Aug 3, all lines on the newly established grid were mapped and bedrock exposures were located and tied into the grid. In addition to mapping exposed bedrock, topographic features, overburden and vegetation types and claim lines and posts were noted. All location data, lithologies, alteration, mineralization, structure and sample information were entered on a daily basis into Fieldlog, a field-based database program which is linked to Autocad. An updated grid and geology map was kept in the field. Once the crew demobilized to Sudbury, paper copies of all datasets could be immediately generated.

The bedrock and surficial geology is given on Figure 6, located in the back pocket. Sample locations and Fieldlog station numbers are given in Figure 7. Certificates of


L 10+00W
L 5+00W
L 0+00
L 5+00E
Woman
L 15+00E
L 20+00E
L 25+00E
L 30+00E
L 21+00W
L 15+00W
BENTON TP
N
N 12+00N
BL 0+00 (Az. 113°)
N 12+00S
N 20+00S
ESTHER TP
0
500
1000m
Cameco
BENTON PROJECT
GRID MAP
Compiled By: DOUG PANAGAPKO 94/11/02
Drafted By: CLAYTON DURBIN
Scale: 1: 25,000
N.T.S.
Disposition(s):
Dwg No.: ONG94025
Figure 4

analysis and whole rock geochemical data may be found in Appendix B. A summary of the geochemical nature of samples submitted for whole rock analysis is shown on Figure 8. Lithologic descriptions based on whole rock geochemistry are related to Jensen Cation Plots (see Figure 10 for legend). Individual samples are plotted on Figures 12 through 15. Sample 155 on Figure 15 is a standard sample. Figures 16 and 17 present data collected by Siragusa in 1978 as part of a township mapping program.

Figure 18 is a general representation of the whole rock samples on a SiO2 vs Al2O3 plot. About half the samples plot in the mafic area, while the rest of the samples are distributed in the intermediate to felsic domains.

7.2.2 Lithologies

The Benton property is underlain by a mixed sequence of volcanic and sedimentary rocks which have been intruded by minor mafic to felsic intrusives. All rocks are of Archean age and have been subjected to regional metamorphism to the lower to middle greenschist grade.

Outcrop exposure is limited by excessive swamp and glacial overburden and averages 1-2% on the east side of the Woman River. Large areas west of the river are devoid of outcrop, making a geological interpretation rather difficult. Two main lithologies underlie the claim group: massive to locally pillowed intermediate volcanic flows and fine to coarse intermediate pyroclastics. Intercalated within these units are less extensive mafic volcanic flows, felsic volcanic flows and tuffs, cherty iron formation and mafic intrusives (gabbro, diabase). Each of these lithologic units will be described in more detail below.

Mafic Volcanic Flow (Fe-Tholeiitic Basalt)

This unit predominantly underlies the northeast corner of the property, but also occurs in several areally limited segments in the central and western parts of the grid. Generally, the mafic flows are fine grained, massive to foliated (locally pillowed) and contain variable percentages of carbonate (usually calcite). The flows are non-magnetic and rarely contain disseminated fine-grained pyrite. Samples 056 and 086 are from the main flow unit and these plot as Fe-tholeiites (Figure 13, 14).

Intermediate Volcanic Flow

A major intermediate flow unit underlies the southwestern third of the property, both east and west of the Woman River. In addition, much of the eastern part of the property is interpreted to be underlain by massive to pillowed andesitic flow rocks. These rocks are medium to dark green on the fresh surface, massive to weakly foliated and are

JENSEN CATION PLOT

Field Identification

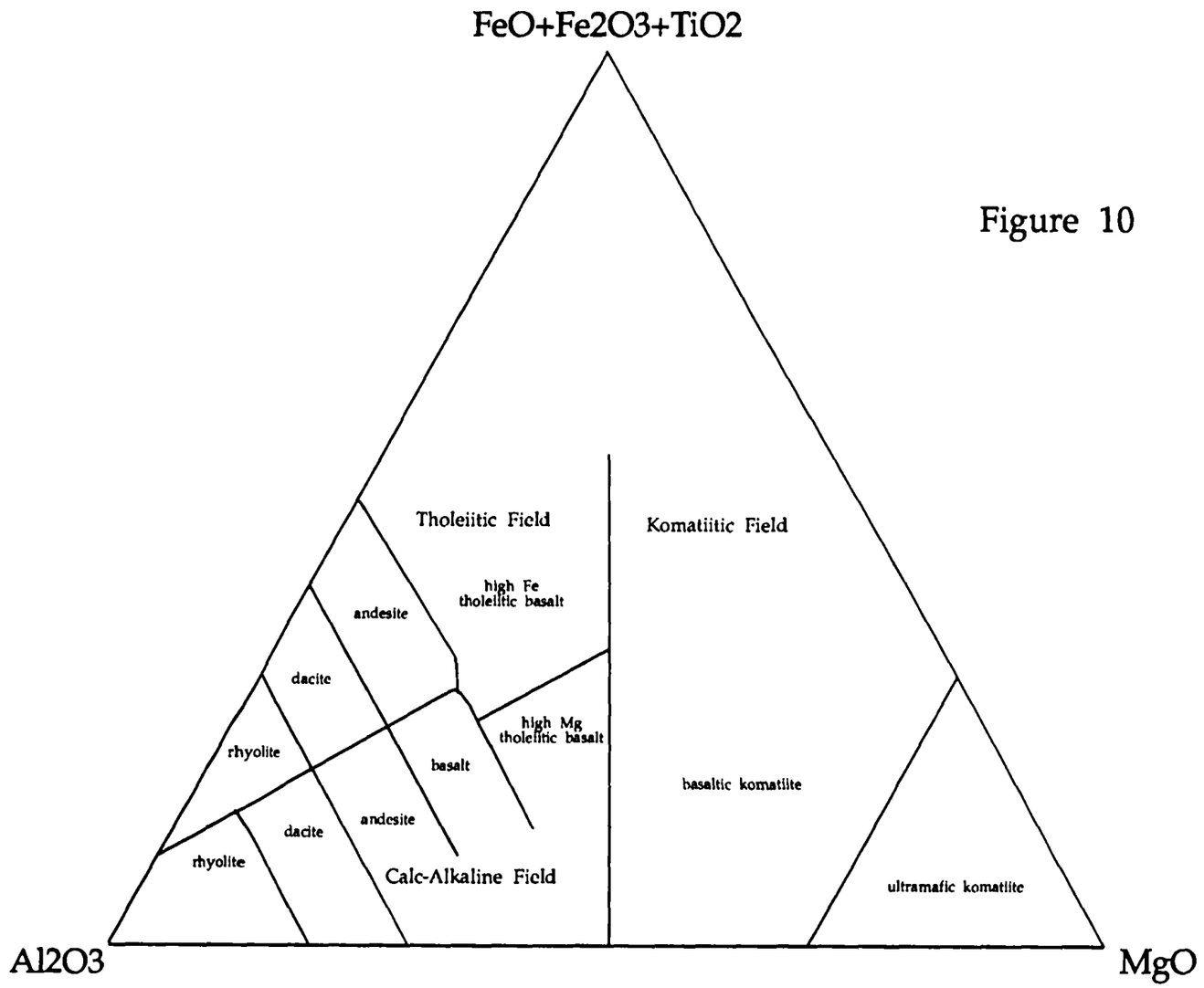


Figure 10

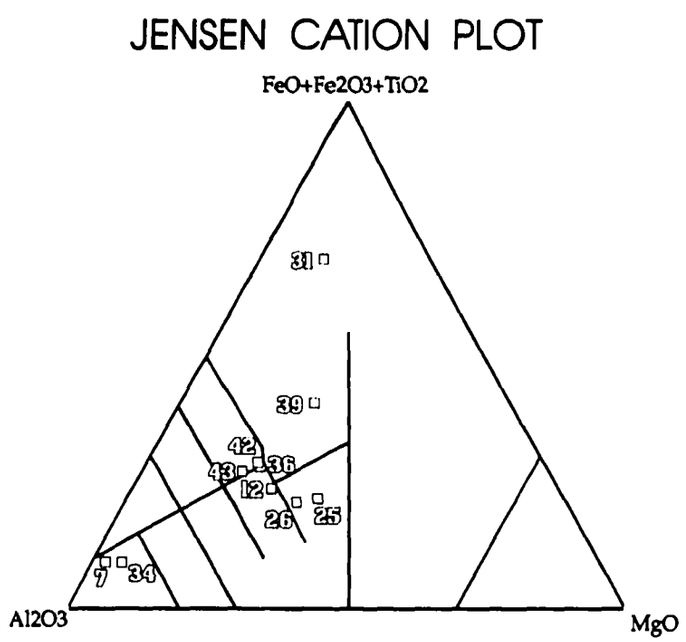


Figure 12

Benton 1994 Samples (7-43)

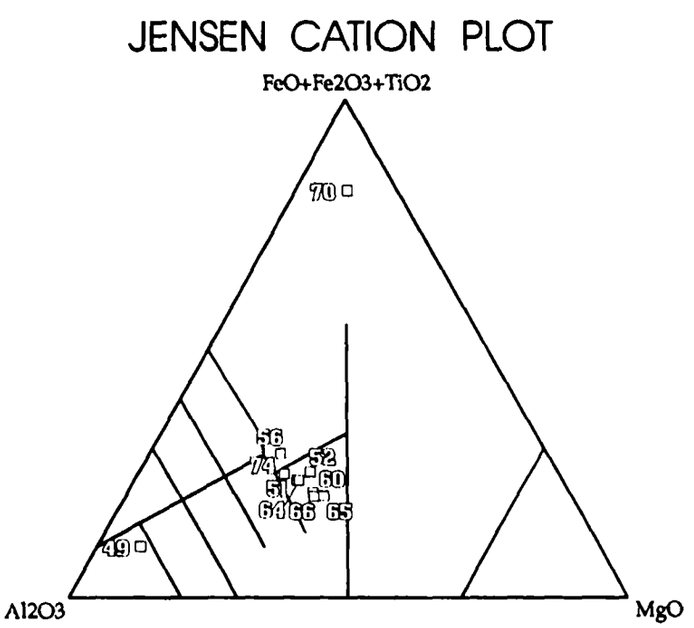


Figure 13

Benton 1994 Samples (49-74)

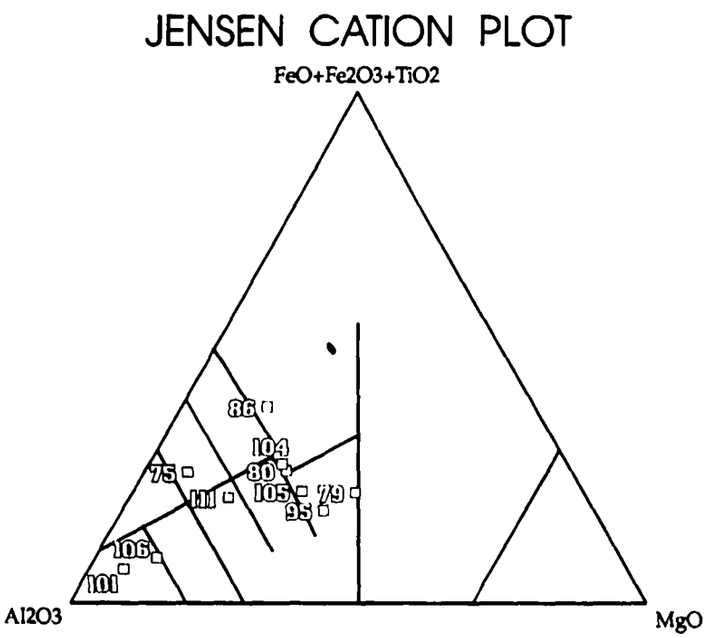


Figure 14

Benton 1994 Samples (75-106)

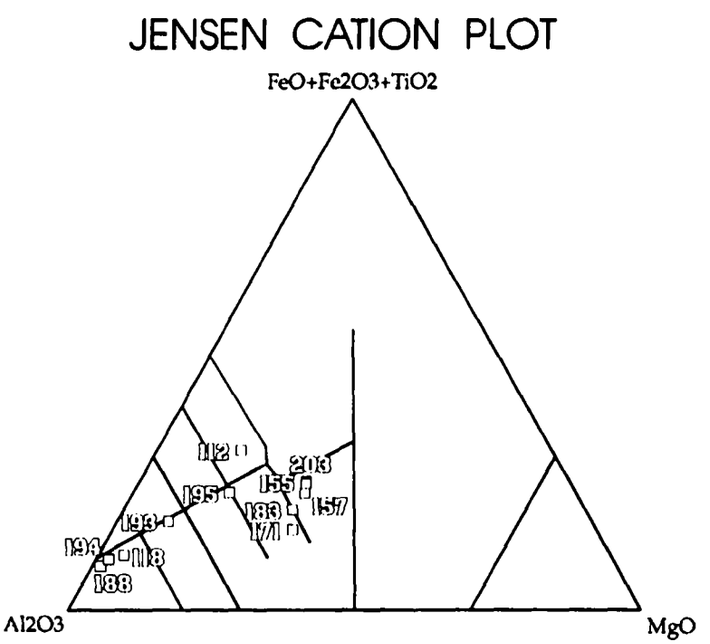


Figure 15

Benton 1994 Samples (112-203)

occasionally pillowed. Variolitic pillow lava was located at 28+00E/5+00S. Good exposures of undeformed pillow lava can be found at 4+75W/11+00S and 4+75W/14+00S where the pillows top to the south (210°). Another exposure of pillowed andesite at 14+00E/10+35S indicates tops to the north. These flows are relatively fresh, and contain small amounts of calcite.

Chemically, whole rock analysis of seven samples indicate that the intermediate flows are primarily Mg-tholeiitic basalts with one sample plotting as a calc-alkaline andesite (Figures 12, 13, 14 and 15).

Intermediate Pyroclastics

A wedge of fine to coarse intermediate pyroclastic rocks occupies the middle of the claim group. At the north limit of the property, the unit is about 3000 metres in apparent thickness. At the southern property boundary, the unit is only about 600 metres thick. A second thin unit of intermediate tuff is interpreted to underlie the eastcentral part of the claims. Overall, where exposed, the unit consists of tuff sized dacite/andesite fragments which form a moderate to strongly layered unit. It is typically light grey to light green on weathered surface and medium grey on fresh surface. Coarser grained lapilli tuff to tuff breccia subunits have been mapped in the central and northern parts of the property. These consist of andesitic fragments set in a sericite/chlorite matrix. The fragments are moderately stretched parallel to the regional foliation and local high strain coupled with increased sericite alteration has made this unit a highly fissile schist in a number of different locations on the property.

Numerous samples of this pyroclastic unit have been submitted for whole rock geochemical analysis. Of the 14 samples submitted, seven plot as Mg-tholeiitic basalts or calc-alkaline basalts, four plot as calc-alkaline rhyolites, two as calc-alkaline dacites and one as a tholeiitic andesite. Thus, the general chemical affinity for this unit is calc-alkaline to Mg-rich tholeiite. The samples are plotted on Figures 12 to 15.

Felsic Volcanics

Felsic volcanic flows and tuffs occur in several thin, isolated lenses on the property, primarily to the east of the Woman River. These rocks weather creme to buff colour and have a light grey fresh surface. Rusty brown carbonate is often a common constituent of this unit. The unit is fine to medium grained and weakly to moderately foliated. Massive exposures are interpreted to be flows and those containing fine grained clasts are considered to be tuffs. The felsic rocks tend to alter to sericite-carbonate and locally contain disseminated sulphides, mainly pyrite. It is not known whether the felsic units are repeated in the stratigraphy by folding or represent distinct episodes of felsic volcanic activity.

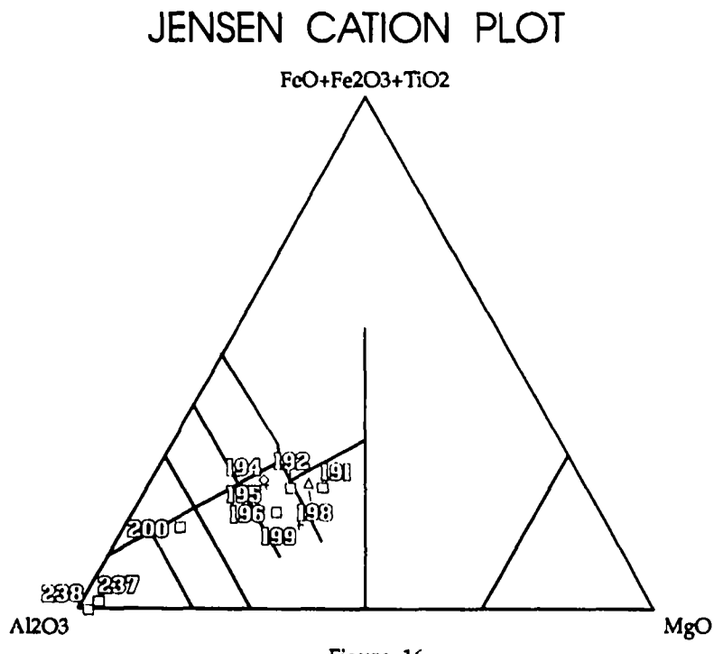


Figure 16

OGS Lithologic Samples (191-238)

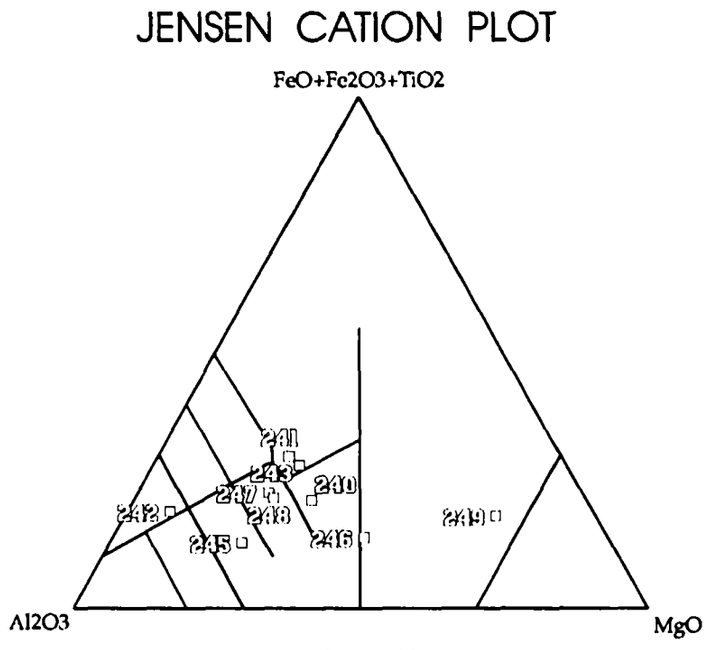


Figure 17

OGS Lithologic Samples (240-249)

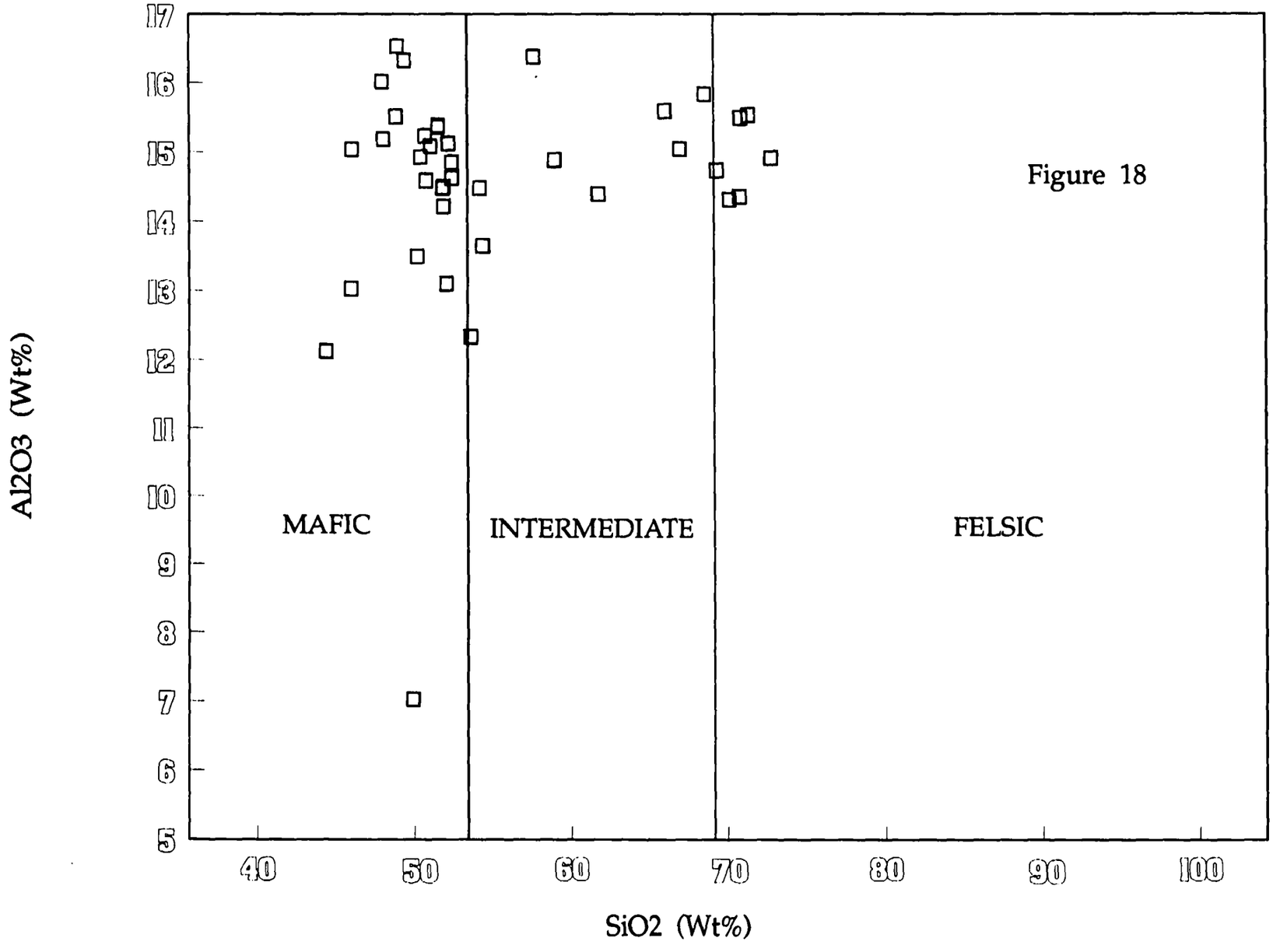

17
16
15
14
13
12
11
10
9
8
7
6
5
Al2O3 (Wt%)
MAFIC
INTERMEDIATE
FELSIC
40
50
60
70
80
90
100
SiO2 (Wt%)

Figure 18

Geochemically the majority of the seven samples submitted for analysis are classified as calc-alkaline rhyolites with the exception of samples 25 and 65 which plot as Mg-tholeiitic basalt. These two samples are described in the field notes as felsic volcanic and are not pyritic. Sample 65 is carbonatized and this may explain its Mg-rich nature. Sample 104 is a good felsic fragmental which contains 1% fine grained pyrite, thus it plots closer to the Fe-tholeiitic basalt field. Refer to Figures 11 through 14 for the sample points.

Chert/Ferruginous Chert

Chemical metasediments, chiefly chert and ferruginous chert, occur primarily east of the Woman River, either as isolated outcrops or as small groups of outcrops. One location (15+70E/6+70N) consists of a narrow chert horizon in contact with felsic volcanics and intermediate tuff. The majority of the exposures occur between lines 6+00E and 14+00E, north of the baseline, forming a wedge shaped area that may be the result of later folding (a fold nose?). The chert is dark brown to black with some brick red jasperoid layers. It is often rusty weathered and brecciated. No consistent determination could be of the orientation of the layering in the chert, due to its brecciated nature. Locally, the chert is sulphidized, containing up to 10% pyrite (10+00E/3+75N). The chert is weakly magnetic, with small grains of chert being picked up by a magnet.

Two samples of chert (31,70) were sent in for whole rock analysis and both samples plot near the Fe apex, as they consist almost entirely of silica and iron with very low Ca, Al and Mg values (Figures 12, 13).

Mafic Intrusives (Gabbro, Leucogabbro, Melanogabbro)

Mafic intrusives occur as isolated pods and small bodies throughout the property. The two largest intrusions occur in the area of 4+00E/12+00S and 31+00E/5+00S. These rocks are medium to coarse grained, equigranular, massive with variable percentages of pyroxene, plagioclase, quartz and chlorite. The unit is dark green on weathered surface and dark greenish grey on fresh surface. Leucogabbro has less than 40% mafic component, gabbro 40-60% mafics and melanogabbro has more than 60% mafic minerals. The mafic intrusives are generally non-magnetic and rarely contain trace pyrite and pyrrhotite. One sample (52) was submitted for whole rock analysis and plots as a Mg-tholeiitic basalt (Figure 13).

Diabase

Olivine diabase outcrops in two different locations on the property. At 12+00E/10+00N, two outcrops of diabase were located, giving an interpreted strike of 325°. At 4+40W/0+00, one outcrop was found in a spruce swamp, but no orientation could be determined. The unit is fine to medium grained, equigranular and contains

olivine, pyroxene and plagioclase. It is generally moderately to strongly magnetic. No sulphides were observed. The diabase is thought to be part of the Sudbury Swarm (1238 Ma), oriented at approximately 290°.

7.2.3 Structure

Both massive and foliated lithologies occur on the property. The more massive rocks are the mafic to intermediate (andesitic) flows. In these lithologies, no apparent foliation can be observed. Where pillowed, the pillows are generally undeformed and occasionally are preserved adequately enough to determine stratigraphic tops. Intermediate flows near the south boundary of the property are both north and south facing, indicating that isoclinal folding has occurred. A penetrative foliation is observed in most of the intermediate to felsic pyroclastic units. This foliation ranges from a weak planar fabric to an intense fissility in the rock. It is oriented approximately 110°-120° with dips ranging from vertical to 80° north and south. The lithology that most frequently displays this intense fissility is the intermediate (dacitic) tuff to lapilli tuff. Figure 6 shows those areas which display this feature (noted by an *). This feature is evidence of local areas of high strain, or shearing.

The distribution of chemical sediments (ferruginous chert, iron formation) indicates the possibility of some tight folding with axes oriented at about 120°. The series of outcrops of iron formation near 8+00E/3+00N may form the nose of a fold, with the other exposures of iron formation further to the southeast lying on the limb of the fold. Bedding measurements in the iron formation are highly variable, possibly indicating a later faulting or brecciation event which has disturbed the original layering.

No obvious cross faults can be determined from the geological mapping completed to date. These structures may exist, but will have to be delineated by ground magnetic surveys.

7.2.4 Alteration

Overall, alteration is not widespread on the Benton property. Mafic to intermediate volcanic flows are relatively unaltered, or only weakly chloritized and carbonatized. The main alteration minerals observed are carbonate (both calcite and dolomite/ankerite), sericite and chlorite. Carbonate alteration is most predominant within andesitic flows and andesitic to dacitic pyroclastics. No zones of intense carbonate alteration have been located on the property. Figure 19 shows a plot of Fe/Ca molar ratios against wt% CO2. It illustrates the distribution of samples which have Fe-carbonate (dolomite/ankerite) vs. Ca-carbonate (calcite) alteration. Most samples have low overall CO2 values but there is a range of Fe/Ca ratios indicating that both ankerite and dolomite are present in

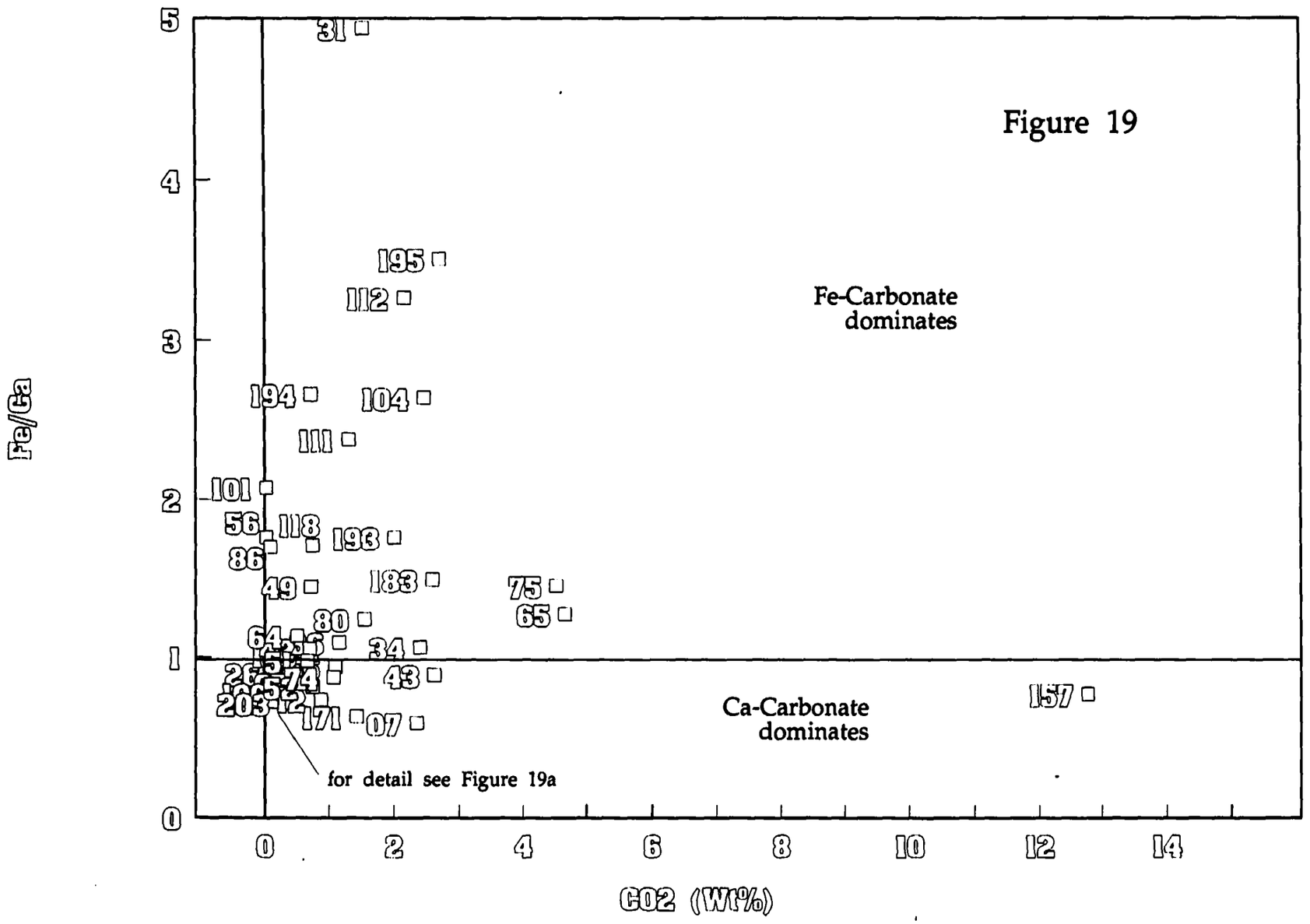


Figure 19
Fe/Ca
CO2 (Wt%)
Fe-Carbonate dominates
Ca-Carbonate dominates
for detail see Figure 19a
0
1
2
3
4
5
0
2
4
6
8
10
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118
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86
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183
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64
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171
07

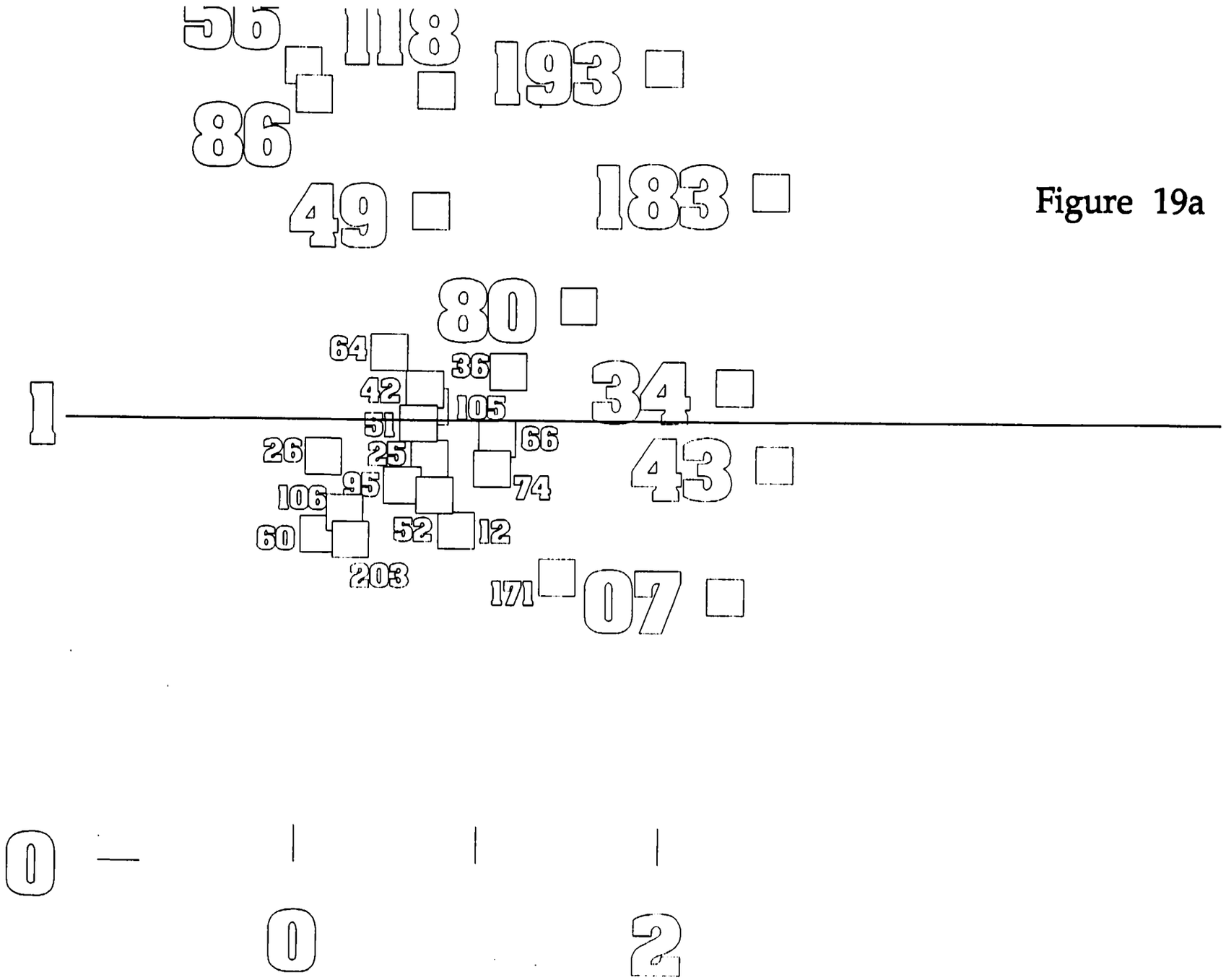
56
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Figure 19a

TABLE 1 Fe/Ca RATIOS AND CO2 ANALYTICAL RESULTS

	Fe	Ca	number	Fe/Ca	CO2	lithology	Fe/Ca/avg
	INTERMEDIATE FLOWS						
	0.14	0.16	26	0.90	0.15	2a	0.68
	0.14	0.19	60	0.73	0.12	2a	0.55
	0.13	0.13	66	0.94	1.10	2a	0.72
	0.17	0.13	80	1.24	1.55	2a	0.94
	0.13	0.13	105	1.01	0.73	2a	0.77
	0.10	0.02	31	4.94	1.55	2a	3.76
	0.16	0.18	74	0.88	1.07	2a	0.67
	0.17	0.16	42	1.05	0.70	2a	0.80
	0.14	0.20	203	0.71	0.30	2b	0.54
	0.14	0.19	12	0.74	0.88	2b	0.56
avg	0.14	0.15		1.31	0.82	avg int flow	1.00
	INTERMEDIATE PYROCLASTICS						
	0.05	0.03	49	1.44	0.73	2A	0.72
	0.17	0.05	112	3.27	2.16	2A	1.62
	0.12	0.16	157	0.77	12.78	2A	0.38
	0.08	0.04	193	1.76	2.01	2A	0.87
	0.13	0.04	195	3.51	2.71	2A	1.74
	0.04	0.03	34	1.06	2.40	2A	0.53
	0.16	0.14	36	1.09	1.16	2A	0.54
	0.15	0.15	51	0.98	0.67	2A	0.48
	0.15	0.13	64	1.13	0.51	2A	0.56
	0.12	0.08	75	1.45	4.53	2A	0.72
	0.03	0.00	188	7.00	0.33	2A	3.48
	0.04	0.02	118	1.71	0.76	2B	0.85
	0.08	0.13	171	0.63	1.43	2B	0.31
	0.10	0.04	111	2.38	1.31	2C	1.18
avg	0.10	0.08		2.01	2.39	avg int pyro	1.00
	FELSIC PYROCLASTICS						
	0.14	0.11	65	1.27	4.66	3A	0.87
	0.04	0.02	194	2.66	0.73	3A	1.81
	0.04	0.06	07	0.59	2.35	3A	0.40
	0.12	0.14	95	0.84	0.58	3A	0.57
	0.03	0.01	101	2.07	0.03	3A	1.41
	0.15	0.17	43	0.89	2.62	3A	0.61
	0.16	0.06	104	2.64	2.47	3B	1.80
	0.04	0.05	106	0.77	0.27	3B	0.53
avg	0.09	0.08		1.47	1.71	avg fel pyro	1.00
	0.17	0.10	56	1.76	0.03	1a	
	0.15	0.16	25	0.90	0.73	3a	
	0.13	0.09	183	1.49	2.59	8b	
	0.16	0.19	52	0.81	0.76	8b	
	0.20	0.12	86	1.70	0.09	13a	

roughly equal amounts. Figure 18a is a detail of the cluster of samples on Figure 18. Table 1 summarizes the Fe and Ca ratio data that was used to plot the aforemetioned figures. The average ratios indicate that the intermediate pyroclastic rocks contain the most iron carbonate (average Fe/Ca ratio of 2.01) with higher overall CO2 values. Sericite is commonly associated with the intermediate pyroclastic units, where it can be a significant constituent. The felsic volcanics, both flows and tuffs are usually altered to sericite and rusty brown carbonate (ankerite).

7.2.5 Mineralization

Sulphides are found in most rock types on the property, in variable amounts. The massive flow rocks generally contain less than 1% fine grained pyrite as disseminated crystals. The intermediate to felsic pyroclastic rocks are occasionally mineralized with trace to 3% fine pyrite. The distribution of mineralized outcrops appears to be random and not confined to any particular zone. The most significant mineralization occurs within the iron formation/ferruginous chert units. Within quartz altered zones in the iron formation, up to 10% pyrite occurs both as disseminations and as semi-massive layers (eg. line 13+00E/1+00N). Prospecting to date has not shown any structural control to this mineralization.

A total of 64 samples were analysed for geochemical gold content (see certificates in Appendix B). Fifty-one samples assayed 5 ppb or less, six samples assayed in the 6-15 ppb range, four returned values in the 16-50 ppb range and three samples assayed better than 50 ppb. The highest value was 847 ppb Au. Most anomalous values are related to the ferruginous chert/iron formation units.

7.3 B-Horizon Soil Survey

In areas where outcrop is relatively plentiful, and where the area is underlain by intermediate to felsic pyroclastic rocks, it was decided to complete a detailed B-horizon soil survey in an effort to detect hydromorphic gold anomalies. Figure 9 shows the distribution of sample sites on the grid, the sample number and the gold assay in ppb.

Of the 231 samples collected, only nine returned values of 10 ppb or greater. The majority of the weakly anomalous samples are associated with the chert/iron formation units north of the baseline and east of the river. Two samples returning 14 ppb are related to intermediate tuffaceous rocks on lines 6+00E and 10+00E. The most anomalous sample is located at 5+00W/5+50N in an area thought to be underlain by intermediate tuff near a small area of felsic tuff. A reassay of this sample returned 181 ppb gold, thus validating the original assay.

This survey confirmed that gold in soils can be useful in outlining areas with better potential for hosting gold in bedrock (ie. chert/iron formation). One anomalous site will have to be prospected to determine the cause of the anomaly.

8.0 Airborne Geophysical Surveys

The Ontario Geological Survey released an airborne total field magnetic and electromagnetic survey covering the central and southern Swayze greenstone belt (OGS 1982). The data are available as a series of 1:20,000 scale combined magnetic/Input maps and 1:31,680 scale monochrome Input maps. The Benton property is located on Maps 80547 and 80548, Woman River and Satterly Lake Sheets.

The EM trends defined by a helicopter EM and magnetic survey flown in the Benton project area are compiled on Figure 17 with the anomalies derived from the 1981 OGS survey. The helicopter survey was flown by Aerodat for Dominion Explorers Inc. (Central Crude Ltd.) in 1988 with a line spacing of 100 m compared to 200 m for the OGS Input survey. The Benton project area falls at the junction of two Input blockswhich were flown in a north-south and northeasterly direction. As a result there is a slightly confusing pattern of Input conductors. The flight line direction for the Aerodat HEM survey is 030°. Reprocessing of the INPUT data has been carried out and is discussed in the 1993 Swayze report (Panagapko et. al., 1993).

The Aerodat interpretation maps were reviewed and the digitized EM trends are shown on Figure 17, differentiated as moderate, weak and very weak. Structural breaks and linear geological units (diabase dikes and iron formation) are also shown. The overall trend of the EM data is northwest/southeast, corresponding to the predominant geological strike. There is good agreement between the HEM and Input anomalies, although the Aerodat HEM data has also defined a number of additional weaker features. The 100 m HEM data laso provides more detail overall. The digital archive data has been located and efforts to obtain it should be made.

It is apparent that the structural setting of the Benton area is highly complex. A number of different structural and geological trends appear to converge in the centre of the property. The association of these converging trends and regions of increased conductivity represent potential target areas.

9.0 Conclusions

Based on the work described above, the following general conclusions can be made concerning the Benton property:

1) The property is underlain by a mixed sequence of mafic to felsic volcanic rocks which occur as both flows and pyroclastics. The majority of the property is underlain by intermediate volcanic flows and pyroclastics, in roughly equal amounts. Mafic volcanic flows cover approximately 10% of the claim area. Other lithologies which occupy less than 10% of the property include felsic volcanic flows and pyroclastics, chert/iron formation, gabbro and diabase.

2) There is very poor exposure of bedrock on the west side of the Woman River, where swamp and sand plains predominate. East of the river, outcrops are more numerous but large areas are still swamp and till covered. Interpretation of geological contacts is therefore based on limited information.

3) Alteration is most prevalent within strained intermediate to felsic pyroclastic rocks where sericite and carbonate are variably abundant. Both calcite and dolomite/ankerite are present but no extensive carbonate alteration zones have been mapped on the property. Intermediate pyroclastic rocks are the most ankeritized rocks on the property.

4) Sulphide mineralization is locally abundant within chert/iron formation and to a lesser degree within intermediate pyroclastic rocks. These rocks typically contain trace to 1% fine disseminated pyrite, with local concentrations to 10% in the chert/iron formation. Anomalous gold is most often associated with the chert/iron formation units. Values up to 847 ppb were returned from initial sampling. No new gold occurrences were located during the present work.

5) B-horizon soil sampling determined that weakly anomalous gold is related to known elevated gold values in the chert/iron formation and to a lesser degree in the intermediate pyroclastics. One isolated strongly anomalous sample is associated with intermediate tuff.

10.0 Recommendations

The following work is recommended for the next phase of exploration on the Benton property:

1) Obtain the digital data for the Aerodat airborne HEM survey flown by Dominion Explorers. These data will be useful in interpreting the geophysical characteristics of the property, prior to any ground work.

2) During the period January-March 1995, complete a ground magnetic survey over the property.

3) Based on the results of the geophysics combined with the geological data obtained, conduct a limited IP/Resistivity survey over selected lines in fall 1995.

4) Prospect the area of the anomalous gold in soil anomaly near 5+00W, in order to determine its cause.

5) Propose a program of diamond drilling, based on the data collected above, to be conducted in early 1996.

11.0 References

Heather, K.B. 1994 — An Interim Report on Geological, Structural and Geochronological Investigations of Granitoid Rocks in the Vicinity of the Swayze Greenstone Belt; in: NODA Summary Report 1993-94, pp 99-108.

Jackson, S.L. and Fyon, J.A., 1991 — The Western Abitibi Subprovince in Ontario, in: Geology of Ontario, Ont. Geol. Survey Special Volume 4, Part 1, pp 405-484.

Laird, H.C., 1936 — Geology of the Opeepeesway Lake Area, Ontario Dept. of Mines Annual Report, v. 44, pt. 7, pp. 1-30.

OGS, 1982 — Airborne Electromagnetic and Total Intensity Magnetic Survey, Swayze Area, Woman River and Satterly Lake Sheets, Maps 80547 and 80548, Ontario Geological Survey, scale 1:20,000.

Panagapko, D.A., Wasyliuk and Matthews, M, 1993 — Ontario Generative Project, South Swayze Study Area, 1993 Exploration Report, Cameco Corporation Internal Report.

Siragusa, G.M. 1987 — Geology of the Garnet Lake Area, District of Sudbury, Ontario Geol. Surv. Report 248, 81p.

CERTIFICATE

I, Douglas Allan Panagapko, of 1064 Moss Street, Sudbury, Ontario, P3A 2H8, do hereby certify that:

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

I graduated from Carleton University in 1976 with a Bachelor of Science degree (Honours) in Geology, and have been practicing my profession continuously since graduation.

I am a member in good standing of the Prospectors and Developers Association of Canada.

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

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

Douglas A. Panagapko
Project Geologist

APPENDIX A

CLAIM RECORDS

Claim No: P 1189278
Status: Active

Due Date: 96/APR/08
Work Required: 4800

Recorded: 94-APR-08
Staked: 94-APR-02 14:00

Total Work: 0
Total Reserve: 0
Present Work Assignment: 0
Claim Bank: 0

Description of Claim:
BENTON (G-3233)

Claim Units: 12
Multiple Township: N

Claim Ownership Percentage	Client#	Recorded Holder(s)
100.00	114820	CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description	
STAKER	94/APR/08		RECORDED BY LEGAULT JACQUES MAURICE (M23645)	R9460.00263
STAKER	94/APR/08		LEGAULT JACQUES MAURICE (159090) RECORDS 100.00 % IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820)	R9460.00264

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.

OCT - 5 1994

T. Bickley
Mining Recorder
PORCUPINE MINING DIVISION

Status of claim is based on information currently on record.

Claim No: P 1189279
Status: Active

Due Date: 96/APR/08
Work Required: 6000

Recorded: 94-APR-08
Staked: 94-APR-02 13:40

Total Work:	0
Total Reserve:	0
Present Work Assignment:	0
Claim Bank:	0

Description of Claim:
BENTON (G-3233)

Claim Units: 15
Multiple Township: N

Claim Ownership Percentage	Client#	Recorded Holder(s)
100.00	114820	CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description	
STAKER	94/APR/08		RECORDED BY LEGAULT JACQUES MAURICE (M23645)	R9460.00263
STAKER	94/APR/08		LEGAULT JACQUES MAURICE (159090) RECORDS 100.00 % IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820)	R9460.00264

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

*** End of Abstract ***

This Abstract is a copy of the entries in the Record Book and is not be be considered as assurance of the validity of the claim.

OCT - 5 1994

T. Bingley
Mining Recorder
PORCUPINE MINING DIVISION

Status of claim is based on information currently on record.

PORCUPINE
FULL ABSTRACT

Claim No: P 1189280
Status: Active

Due Date: 96/APR/08	Recorded: 94-APR-08
Work Required: 6400	Staked: 94-APR-02 15:00
Total Work: 0	Description of Claim:
Total Reserve: 0	BENTON (G-3233)
Present Work Assignment: 0	
Claim Bank: 0	Claim Units: 16
	Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
100.00	114820	CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description	
STAKER	94/APR/08		RECORDED BY LEGAULT JACQUES MAURICE (M23645)	R9460.00265
STAKER	94/APR/08		LEGAULT JACQUES MAURICE (159090) RECORDS 100.00 % IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820)	R9460.00266

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

*** End of Abstract ***

This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.

OCT - 5 1994

T. Bierley
Mining Recorder
PORCUPINE MINING DIVISION

Status of claim is based on information currently on record.

Claim No: P 1189281
Status: Active

Due Date: 96/APR/08	Recorded: 94-APR-08
Work Required: 6000	Staked: 94-APR-04 12:00
Total Work: 0	Description of Claim:
Total Reserve: 0	BENTON (G-3233)
Present Work Assignment: 0	
Claim Bank: 0	Claim Units: 15
	Multiple Township: N

Claim Ownership

Percentage	Client#	Recorded Holder(s)
100.00	114820	CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description	
STAKER	94/APR/08		RECORDED BY LEGAULT JACQUES MAURICE (M23645)	R9460.00265
STAKER	94/APR/08		LEGAULT JACQUES MAURICE (159090) RECORDS 100.00 % IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820)	R9460.00266

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

*** End of Abstract ***

This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.

OCT - 5 1994

T. A. Burtay
Mining Recorder
PORCUPINE MINING DIVISION

Status of claim is based on information currently on record.

PORCUPINE
FULL ABSTRACT

Claim No: P 1189282
Status: Active

Due Date: 96/APR/08
Work Required: 6400

Recorded: 94-APR-08
Staked: 94-APR-04 09:00

Total Work:	0
Total Reserve:	0
Present Work Assignment:	0
Claim Bank:	0

Description of Claim:
BENTON (G-3233)

Claim Units: 16
Multiple Township: N

Claim Ownership Percentage	Client#	Recorded Holder(s)
100.00	114820	CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description	
STAKER	94/APR/08		RECORDED BY LEGAULT JACQUES MAURICE (M23645)	R9460.00265
STAKER	94/APR/08		LEGAULT JACQUES MAURICE (159090) RECORDS 100.00 % IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820)	R9460.00266

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

*** End of Abstract ***

This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.

OCT - 5 1994

T. J. Bisley
Mining Recorder
PORCUPINE MINING DIVISION

Status of claim is based on information currently on record.

Claim No: P 1189283
Status: Active

Due Date: 96/APR/08
Work Required: 2400

Recorded: 94-APR-08
Staked: 94-APR-02 13:40

Total Work:	0
Total Reserve:	0
Present Work Assignment:	0
Claim Bank:	0

Description of Claim:
BENTON (G-3233)

Claim Units: 6
Multiple Township: N

Claim Ownership Percentage	Client#	Recorded Holder(s)
100.00	114820	CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description	
STAKER	94/APR/08		RECORDED BY LEGAULT JACQUES MAURICE (M23645)	R9460.00263
STAKER	94/APR/08		LEGAULT JACQUES MAURICE (159090) RECORDS 100.00 % IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820)	R9460.00264

Reservation :
01 400' surface rights reservation around all lakes and rivers
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03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

*** End of Abstract ***

This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.

OCT - 5 1994

Mining Recorder
PORCUPINE MINING DIVISION

Status of claim is based on information currently on record.

Claim No: P 1189284
Status: Active

Due Date: 96/APR/08
Work Required: 2400

Recorded: 94-APR-08
Staked: 94-APR-03 10:00

Total Work:	0
Total Reserve:	0
Present Work Assignment:	0
Claim Bank:	0

Description of Claim:
BENTON (G-3233)

Claim Units: 6
Multiple Township: N

Claim Ownership Percentage	Client#	Recorded Holder(s)
100.00	114820	CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description	
STAKER	94/APR/08		RECORDED BY LEGAULT JACQUES MAURICE (M23645)	R9460.00263
STAKER	94/APR/08		LEGAULT JACQUES MAURICE (159090) RECORDS 100.00 % IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820)	R9460.00264

Reservation :
01 400' surface rights reservation around all lakes and rivers
02 Sand and gravel reserved
03 Peat reserved
04 Other reservations under the Mining Act may apply
05 Including land under water

*** End of Abstract ***

This Abstract is a copy of the entries in the Record Book and is not be be considered as assurance of the validity of the claim.

OCT - 5 1994

T. Bigley
Mining Recorder
PORCUPINE MINING DIVISION

Status of claim is based on information currently on record.

APPENDIX B

ANALYTICAL RESULTS

Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-1599-RG1

Company: **CAMECO CORPORATION** Date: AUG-03-94
Project: G-5094
Attn: G. Panagapko

We hereby certify the following Geochemical Analysis of 36 ROCK samples submitted JUL-27-94 by G. Panagapko.

Sample Number	Au PPB	Au Check PPB	CO2 %
BE9407	-	-	2.35
BE9411	3	-	-
BE9412	5	-	0.88
BE9417	5	7	-
BE9418	7	-	-
BE9419	5	-	-
BE9430	24	-	-
BE9431	-	-	1.55
BE9434	5	-	2.40
BE9436	5	-	1.16
BE9438	3	-	-
BE9439	33	36	1.43
BE9442	-	-	0.70
BE9443	-	-	2.62
BE9444	5	-	-
BE9446	5	-	-
BE9447	7	7	-
BE9451	5	-	0.67
BE9452	-	-	0.76
BE9453	10	-	-
BE9456	5	-	0.03
BE9464	-	-	0.51
BE9468	5	-	-
BE9469	41	-	-
BE9470	7	-	0.64
BE9471	847	845	-
BE9473	10	-	-
BE9474	-	-	1.07
BE9475	3	-	4.53
BE9476	5	-	-

One assay ton portion used.

Certified by G. Leboi

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

4W-1599-RG1

Company: **CAMECO CORPORATION** Date: AUG-03-94
Project: G-5094
Attn: G. Panagapko

We hereby certify the following Geochemical Analysis of 36 ROCK samples submitted JUL-27-94 by G. Panagapko.

Sample Number	Au PPB	Au Check PPB	CO2 %
BE9478	3	-	-
BE9479	3	-	17.26
BE9486	-	-	0.09
BE9492	Nil	-	-
BE94155	3	-	0.03
BE9455 Extra Sample	Nil	-	-

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

Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-1967-RG1

Company: **CAMECO CORPORATION**
Project: G-5094
Attn: P. Chubb

Date: SEP-02-94

We hereby certify the following Geochemical Analysis of 54 Rock samples submitted AUG-29-94 by P. Chubb.

Sample Number	Au PPB	Au check PPB	CO2 %
BE9425	-		0.73
BE9426	-		0.15
BE9449	-		0.73
BE9460	-		0.12
BE9465	-		4.66
BE9466	-		1.10
BE9480	-		1.55
BE9482	5		-
BE9489	Nil		-
BE9490	Nil	Nil	-
BE9495	2		0.58
BE9496	2		-
BE9497	Nil		-
BE94101	-		0.03
BE94102	Nil		-
BE94103	Nil		-
BE94104	Nil		2.47
BE94105	Nil		0.73
BE94106	Nil		0.27
BE94107	72	69	-
BE94108	456	439	-
BE94109	Nil		-
BE94110	Nil		-
BE94111	Nil		1.31
BE94112	Nil		2.16
BE94115	Nil		-
BE94118	-		0.76
BE94156	Nil		-
BE94157	Nil		12.78
BE94158	Nil		9.43

Note: Samples #BE9453 and #BE9468 were not received.
One assay ton used for gold

Certified by G. Tebbutt

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

4W-1967-RG1

Company: **CAMECO CORPORATION** Date: SEP-02-94
Project: G-5094
Attn: P. Chubb

We hereby certify the following Geochemical Analysis of 54 Rock samples submitted AUG-29-94 by P. Chubb.

Sample Number	Au PPB	Au check PPB	CO2 %
BE94159	Nil		-
BE94160	Nil		-
BE94161	Nil		-
BE94163	10	10	-
BE94166	Nil		-
BE94170	5		-
BE94171	34		1.43
BE94173	Nil		-
BE94175	2		-
BE94178	2		-
BE94179	Nil		-
BE94181	Nil		-
BE94183	-		2.59
BE94184	Nil		-
BE94188	-		0.33
BE94191	Nil		-
BE94193	-		2.01
BE94194	-		0.73
BE94195	-		2.71
BE94197	Nil		-
BE94203	-		0.30
BE94206	Nil		-
BE94207	-		-
BE94208	-		-

Note: Samples #BE9453 and #BE9468 were not received.
One assay ton used for gold

Certified by G. Gebert

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

Swastika Laboratories

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Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

4W-2239-SG1

Company: **CAMECO CORPORATION** Date: OCT-04-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 54 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S001	Nil	2
Be94S002	2	-
Be94S003	Nil	-
Be94S004	Nil	-
Be94S005	Nil	-
Be94S006	Nil	-
Be94S007	Nil	-
Be94S008	Nil	-
Be94S009	Nil	-
Be94S010	Nil	-
Be94S011	2	-
Be94S012	Nil	-
Be94S013	Nil	Nil
Be94S014	Nil	-
Be94S015	Nil	-
Be94S016	Nil	-
Be94S017	Nil	-
Be94S018	Nil	-
Be94S019	2	Nil
Be94S020	Nil	-
Be94S021	Nil	-
Be94S022	Nil	-
Be94S023	Nil	-
Be94S024	Nil	-
Be94S025	Nil	-
Be94S026	Nil	Nil
Be94S027	Nil	-
Be94S028	Nil	-
Be94S029	Nil	-
Be94S030	Nil	-

Certified by Denis Chartre

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Geochemical Analysis Certificate

4W-2239-SG1

Company: **CAMECO CORPORATION**

Date: OCT-04-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 54 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S031	Nil	-
Be94S032	Nil	-
Be94S033	Nil	-
Be94S034	Nil	-
Be94S035	Nil	-
Be94S036	Nil	Nil
Be94S037	Nil	-
Be94S038	Nil	-
Be94S039	Nil	-
Be94S040	Nil	-
Be94S041	Nil	-
Be94S042	2	-
Be94S043	Nil	-
Be94S044	Nil	-
Be94S045	Nil	-
Be94S046	Nil	-
Be94S047	Nil	Nil
Be94S048	Nil	-
Be94S049	Nil	-
Be94S050	Nil	-
Be94S051	Nil	-
Be94S052	Nil	-
Be94S053	Nil	-
Be94S054	Nil	-

Certified by Denis Chartre

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Geochemical Analysis Certificate

4W-2240-SG1

Company: **CAMECO CORPORATION** Date: OCT-04-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 82 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S055	3	-
Be94S056	3	-
Be94S057	2	-
Be94S058	Nil	-
Be94S059	Nil	-
Be94S060	Nil	-
Be94S061	Nil	-
Be94S062	Nil	-
Be94S063	Nil	-
Be94S064	9	9
Be94S065	50	45
Be94S066	Nil	-
Be94S067	Nil	-
Be94S068	Nil	-
Be94S069	9	-
Be94S070	Nil	-
Be94S071	Nil	Nil
Be94S072	Nil	-
Be94S073	Nil	-
Be94S074	Nil	-
Be94S075	Nil	-
Be94S076	Nil	-
Be94S077	Nil	-
Be94S078	Nil	-
Be94S079	Nil	-
Be94S080	Nil	-
Be94S081	Nil	Nil
Be94S082	Nil	-
Be94S083	Nil	-
Be94S084	Nil	-

Certified by Denis Chartre

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Geochemical Analysis Certificate

4W-2240-SG1

Company: **CAMECO CORPORATION** Date: OCT-04-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 82 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S085	Nil	-
Be94S086	Nil	-
Be94S087	12	10
Be94S088	Nil	-
Be94S089	Nil	-
Be94S090	Nil	-
Be94S091	Nil	-
Be94S092	Nil	-
Be94S093	Nil	-
Be94S094	Nil	-
Be94S095	Nil	-
Be94S096	Nil	-
Be94S097	Nil	-
Be94S098	2	3
Be94S099	31	41
Be94S100	Nil	-
Be94S101	7	-
Be94S102	Nil	-
Be94S103	Nil	-
Be94S104	Nil	-
Be94S105	Nil	-
Be94S106	Nil	-
Be94S107	Nil	-
Be94S108	Nil	-
Be94S109	Nil	-
Be94S110	Nil	-
Be94S111	12	7
Be94S112	Nil	-
Be94S113	Nil	-
Be94S114	Nil	-

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Geochemical Analysis Certificate

4W-2240-SG1

Company: **CAMECO CORPORATION** Date: OCT-04-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 82 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S115	Nil	-
Be94S116	5	-
Be94S117	14	14
Be94S118	2	-
Be94S119	Nil	-
Be94S120	Nil	-
Be94S121	Nil	-
Be94S122	Nil	-
Be94S123	Nil	-
Be94S124	Nil	-
Be94S125	Nil	-
Be94S126	Nil	-
Be94S127	Nil	-
Be94S128	Nil	-
Be94S129	Nil	-
Be94S130	Nil	-
Be94S131	Nil	Nil
Be94S132	Nil	-
Be94S133	Nil	-
Be94S134	Nil	-
Be94S135	Nil	-
Be94S136	Nil	-

Certified by Denis Chartre

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Geochemical Analysis Certificate

4W-2242-SG1

Company: **CAMECO CORPORATION** Date: OCT-05-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 54 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S137	9	7
Be94S138	3	-
Be94S139	Nil	-
Be94S140	Nil	-
Be94S141	7	9
Be94S142	Nil	-
Be94S143	Nil	-
Be94S144	Nil	-
Be94S145	Nil	-
Be94S146	2	-
Be94S147	3	-
Be94S148	2	-
Be94S149	5	-
Be94S150	3	-
Be94S151	Nil	-
Be94S152	3	-
Be94S153	Nil	-
Be94S154	5	-
Be94S155	3	-
Be94S156	Nil	-
Be94S157	Nil	-
Be94S158	3	-
Be94S159	Nil	-
Be94S160	Nil	-
Be94S161	2	-
Be94S162	3	-
Be94S163	5	5
Be94S164	2	-
Be94S165	3	3
Be94S166	5	-

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Geochemical Analysis Certificate

4W-2242-SG1

Company: **CAMECO CORPORATION** Date: OCT-05-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 54 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S167	3	-
Be94S168	7	9
Be94S169	2	-
Be94S170	Nil	-
Be94S171	3	-
Be94S172	7	-
Be94S173	5	-
Be94S174	3	-
Be94S175	7	-
Be94S176	Nil	-
Be94S177	5	-
Be94S178	7	5
Be94S179	2	-
Be94S180	9	10
Be94S181	3	-
Be94S182	3	-
Be94S183	Nil	-
Be94S184	3	-
Be94S185	Nil	-
Be94S186	Nil	-
Be94S187	Nil	-
Be94S188	2	-
Be94S189	2	Nil
Be94S190	3	-

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Geochemical Analysis Certificate

4W-2243-SG1

Company: **CAMECO CORPORATION** Date: OCT-05-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 41 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S191	9	12
Be94S192	10	-
Be94S193	Nil	-
Be94S194	Nil	-
Be94S195	Nil	-
Be94S196	Nil	-
Be94S197	Nil	-
Be94S198	Nil	-
Be94S199	2	-
Be94S200	Nil	-
Be94S201	2	-
Be94S202	2	-
Be94S203	Nil	-
Be94S204	Nil	-
Be94S205	Nil	-
Be94S206	7	3
Be94S207	14	10
Be94S208	2	Nil
Be94S209	Nil	-
Be94S210	Nil	-
Be94S211	Nil	-
Be94S212	Nil	-
Be94S213	Nil	-
Be94S214	Nil	-
Be94S215	Nil	-
Be94S216	Nil	-
Be94S217	Nil	-
Be94S218	2	-
Be94S219	Nil	-
Be94S220	Nil	-

Certified by Denis Chrétien

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Geochemical Analysis Certificate

4W-2243-SG1

Company: **CAMECO CORPORATION** Date: OCT-05-94

Project:

Attn: B. Cooper/P. Chubb

We hereby certify the following Geochemical Analysis of 41 Soil samples submitted SEP-16-94 by P. Chubb.

Sample Number	Au PPB	Au Check PPB
Be94S221	Nil	-
Be94S222	Nil	-
Be94S223	Nil	-
Be94S224	Nil	-
Be94S225	Nil	-
Be94S226	Nil	-
Be94S227	Nil	-
Be94S228	Nil	-
Be94S229	Nil	-
Be94S230	225	206
Be94S231	10	3

Certified by Denis Chantre

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CAMECO CORPORATION

TSL/ASSAYE Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)625-1544 FAX #: (905)206-0513

REPORT No. : M3686
Page No. : 1 of 1
File No. : AG01RA
Date : AUG-02-1994

I.C.A.P. TOTAL OXIDE ANALYSIS

Lithium MetaBorate Fusion

4W-1599-RG1

SAMPLE #	SiO2 %	Al2O3 %	Fe2O3 %	CaO %	MgO %	Na2O %	K2O %	TiO2 %	MnO %	P2O5 %	Ba ppm	Sr ppm	Zr ppm	Y ppm	Sc ppm	Nb ppm	Be ppm	Ni ppm	Cr ppm	Cu ppm	V ppm	Co ppm	Zn ppm	LOI %	TOTAL %
BE9407	66.97	15.04	2.83	3.35	0.32	4.94	2.02	0.40	0.08	0.12	420	400	90	4	4	< 30	2	10	760	< 5	65	5	65	3.27	99.36
BE9412	51.56	15.38	11.08	10.55	5.78	2.48	0.14	0.86	0.19	0.08	60	170	50	14	39	< 30	< 1	125	645	45	265	30	50	2.69	100.82
BE9431	86.94	1.32	8.02	1.14	0.61	0.14	<0.02	0.08	0.12	0.04	30	20	10	4	2	< 30	< 1	60	1650	< 5	60	15	30	1.91	100.32
BE9434	70.13	14.31	2.81	1.86	0.72	6.00	1.52	0.29	0.05	0.12	540	550	80	< 2	3	< 30	1	< 5	415	< 5	45	< 5	55	3.16	100.95
BE9436	52.46	14.84	12.62	8.11	4.66	3.37	0.14	1.00	0.27	0.10	70	140	60	20	47	< 30	< 1	120	310	70	305	55	65	3.39	100.94
BE9439	45.94	13.02	23.22	3.23	6.86	0.26	0.02	0.95	0.44	0.06	30	20	60	20	44	< 30	< 1	60	145	40	285	45	65	5.38	99.38
BE9442	50.75	15.23	13.34	8.90	4.56	2.50	0.60	1.15	0.28	0.16	140	140	270	22	42	< 30	3	105	205	45	235	40	95	3.19	100.64
BE9443	51.57	15.36	11.87	9.38	3.89	2.15	0.04	0.92	0.33	0.08	50	150	80	16	40	< 30	1	120	395	20	275	35	65	5.23	100.82
BE9451	52.46	14.62	11.67	8.40	7.09	0.70	<0.02	0.88	0.30	0.10	30	120	70	18	44	< 30	1	90	630	30	255	25	35	4.11	100.33
BE9452	50.23	13.49	12.41	10.70	7.43	1.95	0.14	0.84	0.21	0.08	60	140	40	16	52	< 30	1	95	185	70	295	40	20	2.88	100.36
BE9456	51.87	14.48	13.62	5.43	5.64	5.43	0.04	1.87	0.23	0.20	80	60	130	40	50	< 30	1	55	70	50	340	45	95	2.17	100.96
BE9464	51.92	14.49	11.67	7.23	7.19	2.67	0.10	0.92	0.21	0.10	70	330	60	20	46	< 30	1	75	770	60	290	45	75	3.58	100.10
BE9470	92.25	0.36	5.93	0.45	0.30	0.17	0.02	0.06	0.20	<0.02	40	30	< 10	< 2	3	< 30	< 1	15	675	< 5	30	5	10	0.78	100.55
BE9474	48.87	15.51	12.55	10.07	6.53	2.06	0.02	0.90	0.23	0.10	40	160	40	16	41	< 30	1	120	540	40	280	40	60	3.76	100.60
BE9475	58.96	14.88	9.26	4.48	1.30	4.49	1.02	0.85	0.40	0.20	270	150	150	26	13	< 30	2	40	225	5	95	20	40	4.58	100.44
BE9479	49.92	7.02	6.56	11.79	5.39	1.07	0.74	0.35	0.18	0.12	260	410	60	8	9	< 30	2	60	845	20	95	35	40	17.43	100.56
BE9486	53.67	12.33	15.76	6.52	3.07	3.26	1.60	1.82	0.21	0.26	430	180	160	40	38	60	3	15	265	5	425	40	170	1.91	100.41
BE94155	46.62	15.11	13.20	11.66	7.61	1.22	0.10	0.94	0.19	0.10	60	110	50	20	37	< 30	1	135	465	55	295	55	55	3.66	100.39

SIGNED :

TSL/94

TSL/ASSAYE' Laboratories
1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)625-1544 FAX #: (905)206-0513

CAMECO CORPORATION
ATTN: P. CHUBB
PROJ: G-5094

4W-1967-RG1

REPORT No. : **M3850**
Page No. : 1 of 1
File No. : M3850
Date : SEP-09-1994

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 %
BE9425	48.03	15.18	11.64	9.11	9.10	2.25	0.06	0.79	0.19	0.10	50	150	50	16	39	< 1	40	570	85	155	255	55	< 30	<0.05	3.78	%100.21
BE9426	48.96	16.52	11.22	8.77	8.13	2.69	0.04	0.82	0.18	0.12	70	240	40	14	40	< 1	45	570	110	160	275	80	< 30	<0.05	3.25	%100.70
BE9449	68.59	15.83	3.62	1.76	1.17	4.94	1.80	0.40	0.05	0.16	520	350	80	4	8	1	15	395	15	15	70	90	< 30	<0.05	2.32	%100.64
BE9460	50.80	14.58	11.03	10.68	8.41	1.83	0.18	0.65	0.17	0.08	70	110	40	12	44	< 1	40	535	65	115	255	100	< 30	<0.05	2.50	%100.92
BE9465	45.99	15.03	11.20	6.18	9.57	2.30	0.02	0.68	0.15	0.08	40	40	40	8	38	< 1	45	270	85	180	250	55	< 30	<0.05	9.02	%100.23
BE9466	51.91	14.21	10.15	7.56	8.25	2.24	0.02	0.80	0.17	0.10	50	100	60	16	46	1	35	490	55	90	275	55	< 30	<0.05	4.04	99.47
BE9480	47.99	16.01	13.38	7.58	6.17	1.72	0.02	0.91	0.34	0.12	50	100	60	20	45	1	40	430	80	135	295	80	< 30	<0.05	5.27	99.51
BE9495	51.09	15.08	9.40	7.89	8.77	2.02	0.02	0.79	0.17	0.12	40	260	70	22	46	1	30	515	65	65	270	55	< 30	<0.05	4.21	99.55
BE94101	71.33	15.53	2.39	0.81	0.84	3.94	2.58	0.40	0.02	0.10	930	320	80	4	9	2	5	265	20	20	65	20	< 30	<0.05	1.81	99.75
BE94104	54.22	14.48	12.75	3.39	5.28	1.63	0.62	0.81	0.18	0.12	120	90	60	22	41	4	40	380	110	125	265	115	< 30	<0.05	5.88	99.37
BE94105	50.45	14.92	10.69	7.41	6.98	3.98	0.12	0.87	0.19	0.12	90	90	50	14	39	2	45	375	80	125	290	75	< 30	<0.05	2.76	98.49
BE94106	69.32	14.73	3.10	2.81	1.50	4.13	1.74	0.29	0.06	0.12	240	320	110	6	6	3	10	575	10	25	50	55	< 30	<0.05	1.50	99.28
BE94111	61.71	14.39	7.93	2.34	3.08	2.78	1.02	0.57	0.09	0.22	210	230	100	8	14	3	20	175	40	55	115	90	< 30	<0.05	4.50	98.63
BE94112	52.25	15.12	13.77	2.96	3.24	1.39	1.76	1.40	0.22	0.20	830	50	80	26	43	4	45	315	90	65	410	115	< 30	<0.05	5.51	97.82
BE94118	70.80	14.35	3.31	1.36	0.58	2.06	1.26	0.50	0.10	0.16	320	280	100	4	15	4	10	340	10	10	90	45	< 30	<0.05	3.13	97.61
BE94157	44.37	12.12	9.64	8.78	6.15	0.61	2.00	0.66	0.17	0.12	210	110	30	12	44	5	30	495	110	65	225	70	< 30	<0.05	14.96	99.57
BE94171	54.40	13.64	6.68	7.40	6.43	5.34	0.12	0.79	0.16	0.14	170	260	70	20	38	< 1	35	480	75	80	255	40	< 30	<0.05	3.09	98.20
BE94183	49.42	16.32	10.22	4.81	7.49	4.20	0.06	0.70	0.15	0.12	50	100	60	26	40	< 1	30	455	55	70	210	45	< 30	<0.05	6.77	%100.27
BE94188	72.78	14.91	2.79	0.28	0.18	0.49	3.68	0.37	0.06	0.12	370	110	80	26	7	2	< 5	250	25	35	50	30	< 30	<0.05	2.33	98.00
BE94193	66.01	15.59	6.19	2.47	1.47	3.20	1.08	0.58	0.09	0.12	290	240	100	10	14	< 1	15	230	35	50	115	60	< 30	<0.05	4.19	%100.99
BE94194	70.86	15.49	3.26	0.86	0.29	3.96	2.00	0.47	0.06	0.14	340	140	110	22	9	< 1	< 5	290	15	10	70	35	< 30	<0.05	2.49	99.89
BE94195	57.64	16.37	10.04	2.01	3.59	3.02	0.80	0.84	0.15	0.20	160	110	120	20	21	< 1	25	210	25	95	155	75	< 30	<0.05	6.04	%100.71
BE94203	52.11	13.09	11.37	11.18	6.61	1.65	0.14	0.75	0.22	0.12	110	130	70	26	42	< 1	50	970	45	105	260	55	< 30	<0.05	2.20	99.43

SIGNED :

TSL/94

TSL/ASSAYEI Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)625-1544 FAX #: (905)206-0513

CAMECO CORPORATION
ATTN: P. CHUBB

REPORT No. : M3962
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File No. : SP30MA
Date : OCT-03-1994

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

4W-2293-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	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
BE94500	2	0.28	< 5	< 10	18	< 1	< 5	0.08	< 1	15	190	15	15	0.42	5900	< 2	<0.01	18	46	49	< 5	< 1	< 10	4	15	< 1	< 10	2	97	< 1
BE94501	< 1	0.83	< 5	< 10	51	< 1	< 5	0.72	< 1	17	560	10	1.6	0.47	220	< 2	0.07	33	510	10	< 5	1	< 10	30	57	25	< 10	2	34	4
BE94504	< 1	0.81	< 5	< 10	30	< 1	< 5	1.7	< 1	12	320	5	3.4	0.59	840	< 2	0.02	18	1100	3	< 5	2	< 10	49	17	19	< 10	5	56	< 1
BE94505	< 1	0.35	< 5	< 10	54	< 1	< 5	1.3	< 1	9	380	15	1.7	0.23	350	< 2	0.08	23	440	3	< 5	1	< 10	54	73	14	< 10	3	48	8
BE94506	1	0.16	75	< 10	4	< 1	< 5	0.03	< 1	26	590	25	6.2	0.01	290	16	0.01	69	80	26	85	< 1	< 10	2	39	15	< 10	< 1	15	< 1
BE94507	< 1	3.4	< 5	< 10	3	< 1	< 5	1.2	< 1	29	280	49	4.9	2.0	780	< 2	0.04	110	190	< 1	< 5	4	< 10	19	2500	72	< 10	3	65	2
BE94508	2	0.24	110	< 10	11	< 1	< 5	0.01	< 1	3	140	12	15	0.04	2100	< 2	<0.01	11	80	1	< 5	< 1	< 10	2	16	< 1	< 10	1	35	< 1
BE94509	1	0.05	< 5	< 10	13	< 1	< 5	3.3	< 1	8	190	2	7.7	0.65	5800	< 2	<0.01	18	16	< 1	< 5	< 1	< 10	45	4	< 1	< 10	4	41	< 1
BE94510	2	1.0	< 5	< 10	9	< 1	< 5	1.6	< 1	6	320	11	20	1.2	7700	2	0.01	17	250	3	< 5	2	< 10	14	19	< 1	< 10	4	75	< 1
BE94511	< 1	0.63	< 5	< 10	61	< 1	< 5	0.68	< 1	8	250	11	2.0	0.22	500	< 2	0.06	16	550	4	< 5	< 1	< 10	27	92	13	< 10	3	64	5
BE94512	< 1	1.9	< 5	< 10	11	< 1	< 5	2.1	< 1	20	400	52	3.0	1.8	540	< 2	0.05	47	920	2	< 5	3	< 10	50	1700	64	< 10	7	34	7
BE94513	< 1	2.7	< 5	< 10	17	< 1	< 5	1.2	< 1	25	260	38	4.1	1.7	860	< 2	0.07	79	300	< 1	< 5	8	< 10	12	3000	95	< 10	6	56	2
BE94514	< 1	0.91	< 5	< 10	68	< 1	< 5	1.3	< 1	6	280	11	1.3	0.36	230	< 2	0.10	15	410	3	< 5	1	< 10	35	690	19	< 10	3	38	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/94

SIGNED :

TSL/ASSAYEl Laboratories
1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)625-1544 FAX #: (905)206-0513

CAMECO CORPORATION
ATTN: B. COOPER & P. CHUBB

REPORT No. : **M3943**
Page No. : 1 of 2
File No. : SP28MA
Date : SEP-28-1994

4W-2239-SG1

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
Be94S001	< 1	0.63	< 5	< 10	9	< 1	< 5	0.13	< 1	4	18	3	0.72	0.14	74	< 2	0.01	12	270	3	< 5	1	< 10	7	440	15	< 10	3	17	< 1
Be94S002	< 1	1.1	< 5	< 10	24	< 1	< 5	0.11	< 1	3	19	2	1.1	0.09	69	< 2	0.01	9	360	10	< 5	1	< 10	8	520	21	< 10	2	25	< 1
Be94S003	< 1	1.3	< 5	< 10	17	< 1	< 5	0.10	< 1	3	21	2	1.2	0.11	52	< 2	0.01	11	290	3	< 5	1	< 10	8	580	22	< 10	2	24	< 1
Be94S004	< 1	1.7	< 5	< 10	26	< 1	< 5	0.10	< 1	5	30	4	1.6	0.14	53	< 2	0.01	18	370	4	< 5	2	< 10	8	670	29	< 10	3	20	1
Be94S005	< 1	1.5	< 5	< 10	18	< 1	< 5	0.11	< 1	5	29	5	1.4	0.15	64	< 2	0.01	19	420	4	< 5	2	< 10	8	590	25	< 10	2	27	2
Be94S006	< 1	2.1	< 5	< 10	20	< 1	< 5	0.11	< 1	4	29	3	1.9	0.14	47	< 2	0.01	16	240	3	< 5	2	< 10	8	680	36	< 10	2	24	2
Be94S007	< 1	1.3	< 5	< 10	25	< 1	< 5	0.13	< 1	5	26	5	1.4	0.15	83	< 2	0.01	19	430	3	< 5	1	< 10	9	610	23	< 10	3	20	1
Be94S008	< 1	1.4	< 5	< 10	36	< 1	< 5	0.14	< 1	6	32	5	1.4	0.19	91	< 2	0.01	21	350	4	< 5	2	< 10	10	650	22	< 10	3	24	2
Be94S009	< 1	1.1	< 5	< 10	28	< 1	< 5	0.15	< 1	5	23	4	1.2	0.15	90	< 2	0.01	17	560	3	< 5	1	< 10	9	530	21	< 10	3	24	< 1
Be94S010	< 1	1.6	< 5	< 10	30	< 1	< 5	0.15	< 1	7	35	5	1.7	0.16	130	< 2	0.01	19	780	4	< 5	2	< 10	9	650	31	< 10	3	26	< 1
Be94S011	< 1	0.89	< 5	< 10	18	< 1	< 5	0.14	< 1	5	26	4	1.4	0.15	100	< 2	0.01	13	480	5	< 5	1	< 10	8	620	24	< 10	2	17	< 1
Be94S012	< 1	1.2	< 5	< 10	30	< 1	< 5	0.13	< 1	5	24	6	1.1	0.13	69	< 2	0.01	24	200	5	< 5	1	< 10	10	590	23	< 10	2	24	< 1
Be94S013	< 1	1.1	< 5	< 10	33	< 1	< 5	0.16	< 1	5	28	5	1.3	0.16	73	< 2	0.01	19	360	7	< 5	1	< 10	10	720	24	< 10	3	20	2
Be94S014	< 1	1.0	< 5	< 10	11	< 1	< 5	0.13	< 1	4	22	4	0.92	0.15	60	< 2	0.01	15	320	2	< 5	1	< 10	8	490	18	< 10	3	17	< 1
Be94S015	< 1	0.75	< 5	< 10	18	< 1	< 5	0.15	< 1	3	19	3	0.86	0.17	59	< 2	0.02	13	190	1	< 5	1	< 10	10	570	18	< 10	3	19	< 1
Be94S016	< 1	0.59	< 5	< 10	19	< 1	< 5	0.23	< 1	3	21	9	0.85	0.19	69	< 2	0.02	12	410	9	< 5	1	< 10	12	520	17	< 10	4	19	< 1
Be94S017	< 1	0.77	< 5	< 10	22	< 1	< 5	0.16	< 1	3	21	32	0.84	0.16	92	< 2	0.02	23	160	2	< 5	2	< 10	10	520	16	< 10	4	240	< 1
Be94S018	< 1	1.7	< 5	< 10	32	< 1	< 5	0.08	< 1	4	26	7	1.6	0.11	55	< 2	0.01	13	350	7	< 5	2	< 10	7	570	29	< 10	2	22	< 1
Be94S019	< 1	1.7	< 5	< 10	16	< 1	< 5	0.14	< 1	6	34	12	1.8	0.19	87	< 2	0.01	19	530	6	< 5	2	< 10	8	630	25	< 10	4	22	2
Be94S020	< 1	1.1	< 5	< 10	17	< 1	< 5	0.13	< 1	6	31	6	1.5	0.17	110	< 2	0.01	19	400	5	< 5	1	< 10	8	640	28	< 10	2	19	2
Be94S021	< 1	1.3	< 5	< 10	28	< 1	< 5	0.11	< 1	5	27	5	1.3	0.14	65	< 2	0.01	18	270	4	< 5	1	< 10	8	610	25	< 10	3	18	< 1
Be94S022	< 1	1.4	< 5	< 10	34	< 1	< 5	0.11	< 1	4	27	4	1.6	0.12	57	< 2	0.01	13	440	5	< 5	2	< 10	9	640	32	< 10	2	17	1
Be94S023	< 1	1.7	< 5	< 10	19	< 1	< 5	0.10	< 1	5	30	4	1.3	0.16	61	< 2	0.01	15	350	4	< 5	2	< 10	8	590	24	< 10	3	20	2
Be94S024	< 1	0.81	< 5	< 10	19	< 1	< 5	0.18	< 1	4	20	3	0.67	0.18	58	< 2	0.01	15	310	4	< 5	1	< 10	12	530	15	< 10	3	19	< 1
Be94S025	< 1	0.75	< 5	< 10	13	< 1	< 5	0.11	< 1	2	25	4	1.5	0.14	57	< 2	0.01	10	270	4	< 5	1	< 10	8	980	47	< 10	2	18	2
Be94S026	< 1	1.3	< 5	< 10	28	< 1	< 5	0.11	< 1	4	26	4	1.8	0.13	82	< 2	0.01	12	570	7	< 5	1	< 10	8	650	34	< 10	2	18	< 1
Be94S027	< 1	0.96	< 5	< 10	13	< 1	< 5	0.09	< 1	3	19	2	1.0	0.10	40	< 2	0.01	9	190	4	< 5	1	< 10	7	470	20	< 10	2	14	< 1
Be94S028	< 1	0.95	< 5	< 10	23	< 1	< 5	0.11	< 1	3	19	3	1.1	0.11	120	< 2	0.01	9	290	5	< 5	1	< 10	8	590	27	< 10	2	21	< 1
Be94S029	< 1	0.60	< 5	< 10	17	< 1	< 5	0.14	< 1	4	21	4	1.1	0.15	77	< 2	0.01	12	290	4	< 5	1	< 10	8	560	26	< 10	2	17	1
Be94S030	< 1	1.5	< 5	< 10	23	< 1	< 5	0.16	< 1	4	25	11	1.6	0.18	94	< 2	0.01	15	310	9	< 5	1	< 10	10	490	24	< 10	3	29	< 1
Be94S031	< 1	0.97	< 5	< 10	11	< 1	< 5	0.16	< 1	6	21	7	1.1	0.13	190	< 2	0.01	15	390	4	< 5	1	< 10	8	460	18	< 10	4	17	< 1
Be94S032	< 1	0.86	< 5	< 10	20	< 1	< 5	0.14	< 1	4	20	3	1.2	0.13	90	< 2	0.01	12	280	6	< 5	1	< 10	9	520	25	< 10	2	19	< 1
Be94S033	< 1	1.2	< 5	< 10	15	< 1	< 5	0.10	< 1	3	21	4	1.2	0.12	66	< 2	0.01	10	380	3	< 5	1	< 10	7	520	26	< 10	2	25	< 1
Be94S034	< 1	1.5	< 5	< 10	13	< 1	< 5	0.11	< 1	4	26	3	1.4	0.15	60	< 2	0.01	12	290	8	< 5	2	< 10	7	610	24	< 10	3	17	2
Be94S035	< 1	1.7	< 5	< 10	15	< 1	< 5	0.11	< 1	5	28	5	1.4	0.16	63	< 2	0.02	15	340	2	< 5	2	< 10	8	570	23	< 10	3	22	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

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TSL/ASSAYER Laboratories

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

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CAMECO CORPORATION

ATTN: B. COOPER & P. CHUBB

REPORT No. : M3943

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File No. : SP28MA

Date : SEP-28-1994

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

4W-2239-SG1

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
Be94S036	< 1	1.4	< 5	< 10	11	< 1	< 5	0.14	< 1	3	27	4	1.1	0.15	52	< 2	0.01	13	350	3	< 5	1	< 10	8	520	28	< 10	3	17	< 1
Be94S037	< 1	1.6	< 5	< 10	20	< 1	< 5	0.15	< 1	4	27	5	1.4	0.16	54	< 2	0.01	14	320	2	< 5	2	< 10	9	500	29	< 10	3	20	< 1
Be94S038	< 1	1.0	< 5	< 10	17	< 1	< 5	0.13	< 1	3	20	3	0.78	0.14	45	< 2	0.01	10	200	7	< 5	1	< 10	9	470	20	< 10	3	17	2
Be94S039	< 1	1.2	< 5	< 10	20	< 1	< 5	0.11	< 1	6	31	6	1.3	0.19	73	< 2	0.01	19	220	3	< 5	2	< 10	8	660	25	< 10	5	17	< 1
Be94S040	< 1	0.92	< 5	< 10	25	< 1	< 5	0.12	< 1	4	23	5	1.1	0.13	55	< 2	0.01	15	180	3	< 5	1	< 10	8	540	21	< 10	3	16	1
Be94S041	< 1	1.1	< 5	< 10	26	< 1	< 5	0.11	< 1	5	28	8	1.4	0.19	78	< 2	0.01	18	130	5	< 5	2	< 10	9	650	24	< 10	2	26	1
Be94S042	< 1	0.90	< 5	< 10	17	< 1	< 5	0.14	< 1	4	26	6	1.6	0.20	76	< 2	0.02	16	120	7	< 5	1	< 10	10	740	27	< 10	2	28	1
Be94S043	< 1	1.1	< 5	< 10	18	< 1	< 5	0.15	< 1	6	26	4	1.3	0.16	85	< 2	0.02	16	290	3	< 5	1	< 10	9	580	23	< 10	3	27	< 1
Be94S044	< 1	1.2	< 5	< 10	24	< 1	< 5	0.13	< 1	5	25	5	1.3	0.14	59	< 2	0.01	15	280	3	< 5	1	< 10	9	590	27	< 10	2	27	1
Be94S045	< 1	0.88	< 5	< 10	17	< 1	< 5	0.08	< 1	2	17	4	1.0	0.08	47	< 2	0.01	7	300	5	< 5	1	< 10	7	510	22	< 10	2	27	< 1
Be94S046	< 1	1.3	< 5	< 10	19	< 1	< 5	0.11	< 1	5	26	4	1.1	0.15	59	< 2	0.02	15	330	5	< 5	2	< 10	7	580	23	< 10	3	32	1
Be94S047	< 1	1.2	< 5	< 10	18	< 1	< 5	0.11	< 1	4	24	5	1.3	0.13	54	< 2	0.01	16	370	8	< 5	1	< 10	7	590	24	< 10	2	45	2
Be94S048	< 1	0.96	< 5	< 10	21	< 1	< 5	0.08	< 1	3	18	2	0.91	0.10	45	< 2	0.01	10	180	4	< 5	1	< 10	7	510	20	< 10	2	54	< 1
Be94S049	< 1	1.1	< 5	< 10	15	< 1	< 5	0.10	< 1	4	24	3	0.98	0.14	51	< 2	0.01	13	150	8	< 5	1	< 10	7	550	19	< 10	2	91	< 1
Be94S050	< 1	0.93	< 5	< 10	13	< 1	< 5	0.12	< 1	4	21	4	0.88	0.14	49	< 2	0.01	13	240	3	< 5	1	< 10	8	530	17	< 10	3	140	< 1
Be94S051	< 1	1.1	< 5	< 10	23	< 1	< 5	0.09	< 1	4	23	3	1.2	0.14	58	< 2	0.01	13	170	5	< 5	1	< 10	7	610	25	< 10	2	21	< 1
Be94S052	< 1	0.76	< 5	< 10	17	< 1	< 5	0.15	< 1	3	19	3	0.83	0.15	64	< 2	0.01	11	250	4	< 5	1	< 10	9	510	18	< 10	3	23	< 1
Be94S053	< 1	0.68	< 5	< 10	14	< 1	< 5	0.12	< 1	3	18	3	0.85	0.13	48	< 2	0.01	10	190	9	< 5	1	< 10	8	500	17	< 10	2	22	< 1
Be94S054	< 1	1.1	< 5	< 10	14	< 1	< 5	0.08	< 1	4	24	4	1.0	0.14	50	< 2	0.01	13	130	3	< 5	2	< 10	6	580	21	< 10	3	27	< 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
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File No. : SP28MA
Date : SEP-28-1994

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

4W-2240-SG1

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
Be94S055	< 1	1.0	< 5	< 10	26	< 1	< 5	0.14	< 1	5	22	4	0.95	0.16	65	< 2	0.01	15	220	2	< 5	1	< 10	8	530	20	< 10	2	21	< 1
Be94S056	< 1	0.92	< 5	< 10	19	< 1	< 5	0.13	< 1	3	19	3	0.89	0.12	45	< 2	<0.01	10	170	2	< 5	1	< 10	8	500	22	< 10	2	22	1
Be94S057	< 1	1.2	< 5	< 10	21	< 1	< 5	0.09	< 1	4	24	4	1.2	0.13	46	< 2	0.01	13	220	3	< 5	1	< 10	7	580	27	< 10	2	16	1
Be94S058	< 1	1.0	< 5	< 10	21	< 1	< 5	0.16	< 1	5	28	8	1.6	0.18	75	< 2	0.01	18	300	4	< 5	1	< 10	9	660	25	< 10	3	21	1
Be94S059	< 1	1.1	< 5	< 10	27	< 1	< 5	0.13	< 1	5	27	11	1.4	0.19	100	< 2	<0.01	18	200	5	< 5	2	< 10	9	640	25	< 10	3	23	< 1
Be94S060	< 1	1.4	< 5	< 10	30	< 1	< 5	0.14	< 1	5	30	9	1.6	0.18	75	< 2	0.01	18	310	4	< 5	2	< 10	9	670	30	< 10	3	22	< 1
Be94S061	< 1	1.4	< 5	< 10	34	< 1	< 5	0.13	< 1	7	26	5	1.2	0.16	82	< 2	0.01	21	460	2	< 5	2	< 10	8	570	24	< 10	3	20	< 1
Be94S062	< 1	1.4	< 5	< 10	29	< 1	< 5	0.13	< 1	6	27	7	1.6	0.15	74	< 2	0.01	18	310	5	< 5	2	< 10	9	750	35	< 10	3	19	< 1
Be94S063	< 1	0.98	< 5	< 10	23	< 1	< 5	0.11	< 1	4	19	5	1.1	0.13	58	< 2	0.01	13	150	3	< 5	1	< 10	9	610	27	< 10	3	16	< 1
Be94S064	< 1	1.6	< 5	< 10	50	< 1	< 5	0.14	< 1	11	33	31	2.0	0.22	100	< 2	<0.01	43	180	8	5	2	< 10	12	690	28	< 10	3	65	1
Be94S065	< 1	0.79	< 5	< 10	16	< 1	< 5	0.06	< 1	3	17	7	1.9	0.08	270	< 2	<0.01	6	130	3	< 5	1	< 10	6	460	22	< 10	1	23	< 1
Be94S066	< 1	1.6	< 5	< 10	37	< 1	< 5	0.11	< 1	6	33	8	1.7	0.16	100	< 2	<0.01	20	290	4	< 5	2	< 10	8	670	30	< 10	3	23	2
Be94S067	< 1	0.86	< 5	< 10	25	< 1	< 5	0.10	< 1	3	20	2	0.96	0.10	83	< 2	<0.01	11	120	4	< 5	1	< 10	9	600	24	< 10	2	15	1
Be94S068	< 1	1.4	< 5	< 10	14	< 1	< 5	0.11	< 1	5	24	7	1.1	0.14	52	< 2	<0.01	15	260	2	< 5	2	< 10	6	430	20	< 10	2	16	1
Be94S069	< 1	1.2	35	< 10	23	< 1	< 5	0.13	< 1	7	29	23	1.5	0.20	93	< 2	0.01	21	140	3	< 5	2	< 10	9	610	28	< 10	6	20	2
Be94S070	< 1	1.3	< 5	< 10	28	< 1	< 5	0.11	< 1	5	25	6	1.3	0.12	82	< 2	<0.01	16	280	3	< 5	1	< 10	8	530	26	< 10	2	24	2
Be94S071	< 1	0.50	< 5	< 10	12	< 1	< 5	0.14	< 1	2	14	4	0.38	0.11	38	< 2	<0.01	8	340	1	< 5	< 1	< 10	8	360	9	< 10	2	16	< 1
Be94S072	< 1	1.4	< 5	< 10	18	< 1	< 5	0.09	< 1	4	24	2	1.0	0.13	47	< 2	0.01	12	170	3	< 5	2	< 10	7	540	21	< 10	3	15	< 1
Be94S073	< 1	0.94	< 5	< 10	20	< 1	< 5	0.13	< 1	5	21	5	0.95	0.15	63	< 2	<0.01	16	290	3	< 5	1	< 10	7	510	18	< 10	3	16	2
Be94S074	< 1	0.81	5	< 10	23	< 1	< 5	0.13	< 1	4	20	4	0.97	0.14	48	< 2	<0.01	12	260	1	< 5	1	< 10	8	470	19	< 10	2	14	< 1
Be94S075	< 1	1.1	< 5	< 10	24	< 1	< 5	0.15	< 1	5	24	11	1.3	0.16	59	< 2	0.01	19	230	3	< 5	2	< 10	10	710	29	< 10	3	16	1
Be94S076	< 1	0.89	< 5	< 10	22	< 1	< 5	0.17	< 1	5	24	5	1.0	0.17	73	< 2	0.01	15	260	3	< 5	1	< 10	10	590	21	< 10	3	17	< 1
Be94S077	< 1	0.87	< 5	< 10	19	< 1	< 5	0.23	< 1	4	20	3	0.83	0.17	59	< 2	0.01	15	340	2	< 5	1	< 10	11	530	18	< 10	3	15	< 1
Be94S078	< 1	0.86	< 5	< 10	22	< 1	< 5	0.16	< 1	4	20	4	0.96	0.16	60	< 2	0.01	14	160	1	< 5	1	< 10	10	590	19	< 10	3	17	< 1
Be94S079	< 1	1.4	< 5	< 10	35	< 1	< 5	0.19	< 1	5	27	6	1.5	0.19	73	< 2	0.01	24	240	4	< 5	2	< 10	12	730	33	< 10	4	22	1
Be94S080	< 1	1.5	< 5	< 10	22	< 1	< 5	0.17	< 1	5	35	22	2.0	0.24	100	< 2	<0.01	22	610	2	< 5	2	< 10	11	690	35	< 10	3	34	1
Be94S081	< 1	1.2	< 5	< 10	24	< 1	< 5	0.16	< 1	5	27	7	1.5	0.19	110	< 2	0.01	14	930	3	< 5	2	< 10	10	540	23	< 10	3	35	< 1
Be94S082	< 1	1.3	< 5	< 10	29	< 1	< 5	0.17	< 1	5	28	6	1.3	0.17	84	< 2	0.01	20	560	3	< 5	2	< 10	12	600	27	< 10	3	18	< 1
Be94S083	< 1	0.80	< 5	< 10	26	< 1	< 5	0.20	< 1	4	21	3	0.98	0.15	100	< 2	0.01	13	490	2	< 5	1	< 10	12	490	18	< 10	3	16	< 1
Be94S084	< 1	0.92	< 5	< 10	19	< 1	< 5	0.14	< 1	4	20	3	0.94	0.13	76	< 2	0.01	14	310	6	< 5	1	< 10	9	540	20	< 10	3	17	< 1
Be94S085	< 1	1.6	< 5	< 10	27	< 1	< 5	0.14	< 1	5	27	4	1.5	0.16	73	< 2	0.01	18	360	3	< 5	2	< 10	11	650	29	< 10	3	18	1
Be94S086	< 1	0.83	< 5	< 10	17	< 1	< 5	0.12	< 1	3	17	2	0.95	0.12	50	< 2	0.01	10	120	4	< 5	1	< 10	10	620	22	< 10	3	15	< 1
Be94S087	< 1	1.1	< 5	< 10	23	< 1	< 5	0.17	< 1	5	25	5	1.2	0.17	220	< 2	0.01	15	780	8	< 5	1	< 10	9	530	25	< 10	3	21	< 1
Be94S088	< 1	1.6	< 5	< 10	37	< 1	< 5	0.14	< 1	5	27	5	1.6	0.16	120	< 2	0.01	16	290	4	< 5	2	< 10	10	620	27	< 10	3	24	< 1
Be94S089	< 1	1.3	< 5	< 10	19	< 1	< 5	0.17	< 1	6	30	17	1.5	0.23	120	< 2	0.01	22	330	5	< 5	2	< 10	10	610	25	< 10	3	59	< 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

SIGNED :

TSL/94

TSL/ASSAYER Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)625-1544 FAX #: (905)206-0513

CAMECO CORPORATION
ATTN: B. COOPER & P. CHUBB

REPORT No. : M3944
Page No. : 2 of 3
File No. : SP28MA
Date : SEP-28-1994

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

4W-2240-SG1

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
Be94S090	< 1	1.1	< 5	< 10	32	< 1	< 5	0.18	< 1	6	29	6	1.5	0.23	82	< 2	0.01	19	190	11	< 5	2	< 10	13	800	35	< 10	3	20	2
Be94S091	< 1	0.62	< 5	< 10	17	< 1	< 5	0.21	< 1	4	19	3	0.90	0.18	61	< 2	0.01	11	260	3	< 5	1	< 10	11	570	26	< 10	3	18	2
Be94S092	< 1	1.1	< 5	< 10	27	< 1	< 5	0.16	< 1	5	27	9	1.3	0.20	94	< 2	0.01	18	230	5	< 5	2	< 10	10	690	28	< 10	4	21	1
Be94S093	< 1	1.7	10	< 10	27	< 1	< 5	0.14	< 1	4	27	4	1.4	0.14	80	< 2	0.01	16	250	240	70	2	< 10	10	680	32	< 10	3	21	< 1
Be94S094	< 1	0.69	< 5	< 10	20	< 1	< 5	0.18	< 1	4	19	5	0.92	0.17	62	< 2	0.01	14	210	6	< 5	1	< 10	10	570	24	< 10	3	16	< 1
Be94S095	< 1	1.1	< 5	< 10	12	< 1	< 5	0.17	< 1	5	22	4	1.1	0.16	64	< 2	0.01	15	370	1	< 5	1	< 10	9	540	22	< 10	4	15	1
Be94S096	< 1	0.89	< 5	< 10	21	< 1	< 5	0.19	< 1	4	22	7	1.0	0.18	130	< 2	0.01	19	350	3	< 5	1	< 10	11	590	22	< 10	4	38	1
Be94S097	< 1	1.2	< 5	< 10	19	< 1	< 5	0.14	< 1	4	28	9	1.6	0.20	130	< 2	0.01	17	240	6	< 5	2	< 10	10	720	25	< 10	3	43	< 1
Be94S098	< 1	1.3	10	< 10	25	< 1	< 5	0.17	< 1	6	30	20	2.3	0.21	400	< 2	0.01	22	370	3	< 5	2	< 10	11	570	28	< 10	4	59	< 1
Be94S099	< 1	0.89	20	< 10	23	< 1	< 5	0.16	< 1	7	33	43	9.6	0.22	1600	< 2	0.01	22	390	17	< 5	2	< 10	11	570	31	< 10	3	67	3
Be94S100	< 1	0.75	< 5	< 10	30	< 1	< 5	0.33	< 1	5	27	26	1.3	0.18	160	< 2	0.02	22	530	7	< 5	2	< 10	14	380	27	< 10	12	29	< 1
Be94S101	< 1	1.1	< 5	< 10	13	< 1	< 5	0.11	< 1	3	22	5	1.8	0.11	130	< 2	0.01	8	140	6	< 5	2	< 10	8	580	23	< 10	4	26	< 1
Be94S102	< 1	1.3	< 5	< 10	19	< 1	< 5	0.19	< 1	7	27	16	1.3	0.18	300	< 2	0.01	18	520	4	< 5	3	< 10	10	510	26	< 10	7	24	< 1
Be94S103	< 1	0.81	< 5	< 10	15	< 1	< 5	0.18	< 1	4	22	4	1.1	0.16	65	< 2	0.01	13	350	3	< 5	1	< 10	11	560	20	< 10	3	17	< 1
Be94S104	< 1	0.78	< 5	< 10	23	< 1	< 5	0.13	< 1	4	17	3	0.98	0.12	130	< 2	<0.01	9	220	6	< 5	1	< 10	11	530	19	< 10	2	20	< 1
Be94S105	< 1	1.2	< 5	< 10	23	< 1	< 5	0.17	< 1	5	27	4	1.2	0.17	77	< 2	0.01	16	410	5	< 5	1	< 10	10	550	25	< 10	3	17	< 1
Be94S106	< 1	0.89	< 5	< 10	19	< 1	< 5	0.12	< 1	2	15	2	0.74	0.08	69	< 2	0.01	8	110	4	< 5	1	< 10	11	530	16	< 10	2	15	< 1
Be94S107	< 1	1.1	< 5	< 10	24	< 1	< 5	0.11	< 1	4	19	2	1.1	0.10	88	< 2	0.01	10	170	6	< 5	1	< 10	10	550	22	< 10	3	16	< 1
Be94S108	< 1	1.4	< 5	< 10	20	< 1	< 5	0.16	< 1	5	28	5	1.3	0.18	82	< 2	0.02	17	390	4	< 5	2	< 10	11	600	25	< 10	3	18	< 1
Be94S109	< 1	1.2	< 5	< 10	23	< 1	< 5	0.19	< 1	5	27	5	1.3	0.18	82	< 2	0.01	17	470	5	< 5	2	< 10	13	620	26	< 10	4	19	< 1
Be94S110	< 1	1.5	< 5	< 10	26	< 1	< 5	0.16	< 1	5	29	5	1.5	0.16	76	< 2	0.01	18	410	< 1	< 5	2	< 10	12	630	27	< 10	3	16	< 1
Be94S111	< 1	1.2	< 5	< 10	18	< 1	< 5	0.14	< 1	4	30	6	1.4	0.18	81	< 2	0.01	17	350	12	< 5	2	< 10	9	620	26	< 10	3	17	2
Be94S112	< 1	1.1	< 5	< 10	22	< 1	< 5	0.11	< 1	4	26	8	1.2	0.15	74	< 2	0.01	14	430	5	< 5	2	< 10	10	590	25	< 10	3	19	2
Be94S113	< 1	1.5	< 5	< 10	29	< 1	< 5	0.10	< 1	5	31	5	1.5	0.13	53	< 2	0.01	18	260	6	< 5	2	< 10	9	690	32	< 10	3	16	2
Be94S114	< 1	0.91	< 5	< 10	14	< 1	< 5	0.13	< 1	3	20	3	0.85	0.14	52	< 2	0.01	13	260	6	< 5	1	< 10	8	510	19	< 10	3	17	< 1
Be94S115	< 1	1.3	< 5	< 10	28	< 1	< 5	0.09	< 1	2	20	5	1.5	0.10	120	< 2	0.01	7	310	5	< 5	1	< 10	9	520	27	< 10	2	23	1
Be94S116	< 1	0.67	< 5	< 10	16	< 1	< 5	0.10	< 1	2	15	6	1.0	0.11	69	< 2	0.01	8	150	7	< 5	1	< 10	9	570	24	< 10	2	21	< 1
Be94S117	< 1	2.0	< 5	< 10	35	< 1	< 5	0.10	< 1	7	33	23	2.6	0.16	110	< 2	0.01	23	340	3	< 5	2	< 10	8	600	37	< 10	2	35	2
Be94S118	< 1	2.0	< 5	< 10	19	< 1	< 5	0.10	< 1	6	31	10	2.4	0.16	81	4	0.01	17	360	5	< 5	2	< 10	8	700	37	< 10	3	27	< 1
Be94S119	< 1	1.4	< 5	< 10	24	< 1	< 5	0.13	< 1	3	26	5	1.7	0.14	87	< 2	0.01	13	280	7	< 5	2	< 10	10	670	25	< 10	3	18	< 1
Be94S120	< 1	1.2	< 5	< 10	21	< 1	< 5	0.14	< 1	5	21	4	1.2	0.14	78	< 2	0.01	14	280	5	< 5	1	< 10	11	620	23	< 10	3	20	< 1
Be94S121	< 1	1.4	< 5	< 10	26	< 1	< 5	0.17	< 1	4	24	3	1.3	0.16	75	< 2	0.01	17	360	3	< 5	1	< 10	11	600	25	< 10	3	17	< 1
Be94S122	< 1	1.2	< 5	< 10	34	< 1	< 5	0.16	< 1	4	23	4	1.2	0.16	82	< 2	<0.01	15	350	4	< 5	1	< 10	12	600	24	< 10	3	24	< 1
Be94S123	< 1	0.75	< 5	< 10	22	< 1	< 5	0.15	< 1	3	19	3	0.80	0.13	67	< 2	0.01	11	270	4	< 5	1	< 10	11	490	18	< 10	3	14	< 1
Be94S124	< 1	0.98	< 5	< 10	24	< 1	< 5	0.14	< 1	4	21	2	1.1	0.14	67	< 2	0.01	14	230	4	< 5	1	< 10	11	580	24	< 10	3	15	< 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

SIGNED : Ramj Saad

TSL/94

TSL/ASSAYER Laboratories

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

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CAMECO CORPORATION

ATTN: B. COOPER & P. CHUBB

REPORT No. : **M3944**
Page No. : 3 of 3
File No. : SP28MA
Date : SEP-28-1994

4W-2240-SG1

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
Be94S125	< 1	1.0	< 5	< 10	28	< 1	< 5	0.24	< 1	5	26	5	1.3	0.19	97	< 2	0.01	17	470	3	< 5	1	< 10	15	530	23	< 10	4	21	< 1
Be94S126	< 1	0.86	< 5	< 10	19	< 1	< 5	0.18	< 1	3	20	3	1.2	0.15	69	< 2	0.01	10	260	9	< 5	1	< 10	13	590	22	< 10	2	17	< 1
Be94S127	< 1	1.1	< 5	< 10	27	< 1	< 5	0.21	< 1	5	26	6	1.3	0.20	95	< 2	0.01	18	400	4	< 5	2	< 10	13	590	24	< 10	4	20	< 1
Be94S128	< 1	0.84	< 5	< 10	20	< 1	< 5	0.12	< 1	3	19	4	1.1	0.13	53	< 2	0.01	10	150	4	< 5	1	< 10	10	640	24	< 10	3	17	< 1
Be94S129	< 1	0.89	< 5	< 10	27	< 1	< 5	0.21	< 1	4	25	5	1.0	0.22	94	< 2	0.01	15	330	2	< 5	2	< 10	13	610	20	< 10	4	17	< 1
Be94S130	< 1	1.1	< 5	< 10	21	< 1	< 5	0.16	< 1	4	22	9	1.5	0.18	95	< 2	0.01	14	470	5	< 5	1	< 10	10	540	21	< 10	3	22	< 1
Be94S131	< 1	1.2	< 5	< 10	23	< 1	< 5	0.15	< 1	5	25	8	1.7	0.17	67	< 2	0.01	18	270	3	< 5	2	< 10	11	720	26	< 10	3	19	1
Be94S132	< 1	1.3	< 5	< 10	19	< 1	< 5	0.11	< 1	4	25	5	1.5	0.13	55	< 2	<0.01	13	260	4	< 5	1	< 10	9	630	29	< 10	2	19	< 1
Be94S133	< 1	0.96	< 5	< 10	31	< 1	< 5	0.16	< 1	5	25	6	1.3	0.18	87	< 2	0.01	15	260	4	< 5	1	< 10	11	650	29	< 10	3	20	< 1
Be94S134	< 1	0.81	< 5	< 10	22	< 1	< 5	0.20	< 1	4	22	5	0.88	0.19	70	< 2	0.01	15	370	< 1	< 5	1	< 10	11	520	18	< 10	4	16	< 1
Be94S135	< 1	0.96	< 5	< 10	38	< 1	< 5	0.20	< 1	6	26	7	1.3	0.23	140	< 2	0.02	18	280	7	< 5	2	< 10	13	710	27	< 10	3	26	1
Be94S136	< 1	1.4	< 5	< 10	26	< 1	< 5	0.17	< 1	5	28	4	1.5	0.18	79	< 2	0.01	20	330	3	< 5	2	< 10	12	700	24	< 10	3	26	< 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/94

SIGNED :

TSL/ASSAYEI Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
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CAMECO CORPORATION
ATTN: B. COOPER & P. CHUBB

REPORT No. : M3955
Page No. : 1 of 2
File No. : SP29MA
Date : SEP-29-1994

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

4W-2242-SG1

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
Be94S137	< 1	1.1	< 5	< 10	24	< 1	< 5	0.17	< 1	5	25	3	1.2	0.18	96	< 2	0.01	18	350	2	< 5	1	< 10	13	570	25	< 10	3	14	1
Be94S138	< 1	1.4	< 5	< 10	41	< 1	< 5	0.19	< 1	5	33	4	1.3	0.21	150	< 2	0.01	20	510	2	< 5	2	< 10	14	640	28	< 10	4	18	2
Be94S139	< 1	1.2	< 5	< 10	18	< 1	< 5	0.16	< 1	5	28	5	1.3	0.20	74	< 2	0.01	14	530	< 1	< 5	2	< 10	10	560	29	< 10	3	17	1
Be94S140	< 1	1.1	< 5	< 10	24	< 1	< 5	0.13	< 1	5	22	4	1.3	0.15	91	< 2	0.01	13	360	2	< 5	1	< 10	9	620	32	< 10	3	15	2
Be94S141	< 1	1.0	< 5	< 10	29	< 1	< 5	0.15	< 1	3	25	4	1.9	0.17	71	< 2	0.01	12	780	5	< 5	1	< 10	11	650	43	< 10	2	20	< 1
Be94S142	< 1	1.1	< 5	< 10	26	< 1	< 5	0.19	< 1	4	27	5	1.5	0.21	88	< 2	0.01	15	380	3	< 5	2	< 10	13	710	31	< 10	3	19	2
Be94S143	< 1	1.7	< 5	< 10	38	< 1	< 5	0.16	< 1	6	31	17	1.5	0.24	160	< 2	0.01	25	350	< 1	< 5	2	< 10	12	540	28	< 10	5	23	< 1
Be94S144	< 1	0.86	< 5	< 10	25	< 1	< 5	0.17	< 1	4	22	4	0.89	0.21	72	< 2	<0.01	13	240	2	< 5	1	< 10	11	560	20	< 10	3	17	< 1
Be94S145	< 1	1.0	< 5	< 10	28	< 1	< 5	0.23	< 1	4	27	5	1.3	0.23	82	< 2	0.01	17	520	1	< 5	2	< 10	14	690	32	< 10	3	18	2
Be94S146	< 1	1.3	< 5	< 10	20	< 1	< 5	0.12	< 1	6	29	3	1.3	0.19	63	< 2	0.01	19	310	2	< 5	2	< 10	10	660	30	< 10	3	16	2
Be94S147	< 1	1.3	< 5	< 10	30	< 1	< 5	0.13	< 1	5	29	4	1.2	0.19	77	< 2	0.01	19	370	1	< 5	2	< 10	10	610	29	< 10	3	13	2
Be94S148	< 1	1.9	< 5	< 10	28	< 1	< 5	0.11	< 1	4	40	11	4.2	0.19	210	< 2	<0.01	12	1600	2	< 5	2	< 10	9	860	74	< 10	2	26	2
Be94S149	< 1	0.94	< 5	< 10	19	< 1	< 5	0.14	< 1	3	23	5	1.2	0.19	67	< 2	0.01	12	280	2	< 5	1	< 10	10	670	28	< 10	2	15	2
Be94S150	< 1	2.0	5	< 10	28	< 1	< 5	0.10	< 1	6	36	17	2.7	0.20	85	4	0.01	21	690	< 1	< 5	2	< 10	9	730	44	< 10	2	23	3
Be94S151	< 1	1.3	< 5	< 10	35	< 1	< 5	0.19	< 1	6	31	6	1.5	0.23	92	< 2	0.02	20	400	< 1	< 5	2	< 10	12	670	31	< 10	3	17	2
Be94S152	< 1	0.97	< 5	< 10	28	< 1	< 5	0.18	< 1	4	23	4	1.2	0.21	72	< 2	0.02	14	240	5	< 5	2	< 10	13	740	30	< 10	3	13	2
Be94S153	< 1	1.4	< 5	< 10	29	< 1	< 5	0.18	< 1	6	28	5	1.4	0.21	110	< 2	0.01	20	470	3	< 5	2	< 10	12	600	27	< 10	3	14	< 1
Be94S154	< 1	1.2	< 5	< 10	25	< 1	< 5	0.19	< 1	5	23	5	1.2	0.20	90	< 2	0.01	19	490	< 1	< 5	2	< 10	12	570	21	< 10	3	14	1
Be94S155	< 1	1.0	< 5	< 10	23	< 1	< 5	0.18	< 1	5	26	4	1.1	0.20	220	< 2	0.01	16	500	4	< 5	2	< 10	12	580	27	< 10	3	13	2
Be94S156	< 1	1.2	< 5	< 10	35	< 1	< 5	0.16	< 1	5	25	3	1.4	0.18	130	< 2	0.01	18	350	1	< 5	2	< 10	12	660	31	< 10	3	16	1
Be94S157	< 1	1.1	< 5	< 10	31	< 1	< 5	0.13	< 1	4	23	6	1.5	0.18	140	< 2	0.01	18	300	3	< 5	2	< 10	11	650	26	< 10	3	18	< 1
Be94S158	< 1	1.3	< 5	< 10	25	< 1	< 5	0.11	< 1	4	24	4	1.4	0.14	68	< 2	0.01	12	230	3	< 5	2	< 10	10	600	28	< 10	2	15	< 1
Be94S159	< 1	1.3	< 5	< 10	25	< 1	< 5	0.15	< 1	4	21	4	0.96	0.15	71	< 2	0.01	15	280	1	< 5	2	< 10	11	570	22	< 10	3	14	1
Be94S160	< 1	0.98	< 5	< 10	22	< 1	< 5	0.17	< 1	3	23	3	1.1	0.19	80	< 2	0.01	14	400	4	< 5	1	< 10	11	580	29	< 10	3	12	1
Be94S161	< 1	1.2	< 5	< 10	29	< 1	< 5	0.15	< 1	5	24	4	1.3	0.19	120	< 2	0.01	15	310	1	< 5	1	< 10	11	620	28	< 10	3	19	< 1
Be94S162	< 1	1.1	< 5	< 10	20	< 1	< 5	0.20	< 1	5	23	4	1.2	0.19	140	< 2	0.01	15	520	1	< 5	1	< 10	11	590	27	< 10	3	16	1
Be94S163	< 1	1.3	< 5	< 10	19	< 1	< 5	0.14	< 1	2	26	11	1.2	0.16	61	< 2	0.01	9	590	4	< 5	2	< 10	10	550	31	< 10	3	19	< 1
Be94S164	< 1	1.1	< 5	< 10	30	< 1	< 5	0.16	< 1	4	26	12	1.3	0.22	69	< 2	<0.01	17	320	3	< 5	2	< 10	11	640	31	< 10	3	33	2
Be94S165	< 1	0.86	< 5	< 10	17	< 1	< 5	0.10	< 1	2	17	3	1.1	0.11	39	< 2	<0.01	8	110	4	< 5	1	< 10	9	780	32	< 10	2	11	2
Be94S166	< 1	1.4	< 5	< 10	27	< 1	< 5	0.14	< 1	5	24	7	1.6	0.19	190	< 2	0.01	14	190	3	< 5	2	< 10	13	670	26	< 10	2	37	< 1
Be94S167	< 1	1.5	< 5	< 10	28	< 1	< 5	0.13	< 1	5	25	4	1.4	0.16	100	< 2	0.01	16	330	2	< 5	1	< 10	10	650	27	< 10	2	14	1
Be94S168	< 1	0.47	10	< 10	28	< 1	< 5	0.07	< 1	2	13	8	3.1	0.06	490	< 2	<0.01	5	390	8	< 5	< 1	< 10	7	380	26	< 10	1	27	< 1
Be94S169	< 1	1.0	< 5	< 10	18	< 1	< 5	0.09	< 1	3	21	2	1.4	0.13	140	< 2	0.01	9	210	4	< 5	1	< 10	8	580	28	< 10	2	17	< 1
Be94S170	< 1	0.98	< 5	< 10	16	< 1	< 5	0.10	< 1	2	20	3	1.1	0.13	120	< 2	0.01	10	190	3	< 5	1	< 10	8	660	29	< 10	2	12	< 1
Be94S171	< 1	0.64	< 5	< 10	10	< 1	< 5	0.17	< 1	3	19	3	1.2	0.20	140	< 2	0.01	12	140	< 1	< 5	1	< 10	9	500	18	< 10	2	13	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

SIGNED :

TSL/94

TSL/ASSAYE Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
PHONE #: (905)625-1544 FAX #: (905)206-0513

CAMECO CORPORATION
ATTN: B. COOPER & P. CHUBB

REPORT No. : M3955
Page No. : 2 of 2
File No. : SP29MA
Date : SEP-29-1994

I.C.A.P. PLASMA SCAN

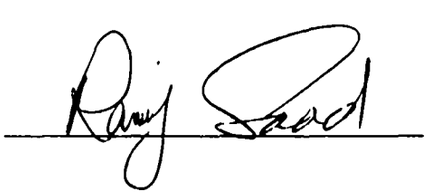
Aqua-Regia Digestion

4W-2242-SG1

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
Be94S172	< 1	0.73	< 5	< 10	13	< 1	< 5	0.17	< 1	2	17	3	0.75	0.15	50	< 2	<0.01	10	210	< 1	< 5	1	< 10	9	500	19	< 10	2	12	2
Be94S173	< 1	0.97	< 5	< 10	11	< 1	< 5	0.15	< 1	2	20	2	1.1	0.16	59	< 2	0.01	10	340	3	< 5	1	< 10	8	480	25	< 10	3	10	< 1
Be94S174	< 1	1.5	< 5	< 10	21	< 1	< 5	0.11	< 1	5	26	3	1.4	0.17	65	< 2	0.01	15	570	2	< 5	2	< 10	8	580	27	< 10	2	16	2
Be94S175	< 1	0.62	< 5	< 10	20	< 1	< 5	0.39	< 1	5	28	65	1.7	0.20	140	< 2	0.02	17	620	3	< 5	5	< 10	14	380	36	< 10	20	40	2
Be94S176	< 1	0.68	< 5	< 10	28	< 1	< 5	0.28	< 1	3	22	20	0.81	0.18	99	< 2	0.02	17	510	2	< 5	2	< 10	13	380	17	< 10	7	20	< 1
Be94S177	< 1	0.86	< 5	< 10	12	< 1	< 5	0.13	< 1	5	19	2	0.89	0.15	100	< 2	<0.01	12	300	1	< 5	1	< 10	7	450	18	< 10	3	12	1
Be94S178	< 1	1.2	< 5	< 10	24	< 1	< 5	0.13	< 1	4	23	3	1.3	0.18	63	< 2	0.01	14	240	< 1	< 5	2	< 10	10	690	28	< 10	3	17	1
Be94S179	< 1	1.5	< 5	< 10	21	< 1	< 5	0.15	< 1	5	27	4	1.4	0.19	62	< 2	0.01	15	340	3	< 5	2	< 10	9	570	24	< 10	3	14	< 1
Be94S180	< 1	1.1	< 5	< 10	24	< 1	< 5	0.12	< 1	4	20	4	1.3	0.15	68	< 2	<0.01	11	130	3	< 5	1	< 10	9	570	26	< 10	2	15	< 1
Be94S181	< 1	0.93	< 5	< 10	31	< 1	< 5	0.13	< 1	4	20	3	0.91	0.19	76	< 2	<0.01	24	100	1	< 5	1	< 10	9	540	20	< 10	2	16	1
Be94S182	< 1	0.98	< 5	< 10	18	< 1	< 5	0.13	< 1	4	21	9	1.2	0.16	330	< 2	<0.01	13	240	3	< 5	1	< 10	9	520	25	< 10	3	27	< 1
Be94S183	< 1	0.78	< 5	< 10	18	< 1	< 5	0.12	< 1	3	18	3	0.88	0.16	68	< 2	<0.01	11	170	2	< 5	1	< 10	9	530	19	< 10	3	12	1
Be94S184	< 1	1.1	< 5	< 10	28	< 1	< 5	0.15	< 1	4	24	6	1.1	0.20	100	< 2	<0.01	14	340	3	< 5	2	< 10	10	550	21	< 10	3	19	2
Be94S185	< 1	1.1	< 5	< 10	22	< 1	< 5	0.14	< 1	5	21	3	1.1	0.19	120	< 2	0.01	16	280	1	< 5	1	< 10	9	570	24	< 10	3	17	< 1
Be94S186	< 1	1.3	< 5	< 10	13	< 1	< 5	0.09	< 1	13	27	11	1.2	0.18	2100	< 2	<0.01	19	270	< 1	< 5	2	< 10	7	580	21	< 10	3	18	2
Be94S187	< 1	0.88	< 5	< 10	20	< 1	< 5	0.15	< 1	5	23	5	1.3	0.18	230	< 2	<0.01	15	330	3	< 5	1	< 10	10	560	25	< 10	3	15	1
Be94S188	< 1	1.1	< 5	< 10	22	< 1	< 5	0.13	< 1	5	24	3	1.1	0.19	76	< 2	0.01	16	300	3	< 5	1	< 10	10	590	26	< 10	3	16	< 1
Be94S189	< 1	1.4	< 5	< 10	24	< 1	< 5	0.12	< 1	5	26	9	1.7	0.16	110	< 2	0.01	14	420	3	< 5	1	< 10	9	590	28	< 10	2	18	1
Be94S190	< 1	0.55	< 5	< 10	23	< 1	< 5	0.55	< 1	4	22	9	0.98	0.29	290	< 2	0.02	14	470	1	< 5	2	< 10	16	480	23	< 10	4	19	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/94

SIGNED : 

TSL/ASSAYEI Laboratories

1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
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CAMECO CORPORATION
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REPORT No. : M3954
Page No. : 1 of 2
File No. : SP29MA
Date : SEP-29-1994

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

4W-2243-SG1

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
Be94S191	< 1	0.46	< 5	< 10	20	< 1	< 5	0.25	< 1	3	19	3	0.71	0.18	61	< 2	0.02	11	310	< 1	< 5	1	< 10	13	410	18	< 10	3	20	1
Be94S192	< 1	0.55	< 5	< 10	19	< 1	< 5	0.27	< 1	4	21	6	0.89	0.23	85	< 2	0.02	13	270	1	< 5	1	< 10	14	540	24	< 10	3	20	2
Be94S193	< 1	0.64	< 5	< 10	29	< 1	< 5	0.37	< 1	4	26	6	1.0	0.25	100	< 2	0.02	14	530	1	< 5	2	< 10	17	530	28	< 10	5	21	2
Be94S194	< 1	0.93	< 5	< 10	27	< 1	< 5	0.21	< 1	4	27	7	1.2	0.22	80	< 2	0.02	17	420	3	< 5	2	< 10	12	600	30	< 10	4	16	1
Be94S195	< 1	1.1	< 5	< 10	29	< 1	< 5	0.13	< 1	3	22	4	1.0	0.16	100	< 2	0.01	11	140	2	< 5	2	< 10	13	620	28	< 10	2	25	< 1
Be94S196	< 1	0.72	< 5	< 10	26	< 1	< 5	0.19	< 1	3	22	5	0.98	0.18	150	< 2	0.01	13	490	1	< 5	1	< 10	13	490	24	< 10	3	20	< 1
Be94S197	< 1	1.2	< 5	< 10	21	< 1	< 5	0.16	< 1	5	26	4	1.3	0.20	90	< 2	0.02	17	390	3	< 5	2	< 10	12	630	28	< 10	3	24	< 1
Be94S198	< 1	0.98	< 5	< 10	25	< 1	< 5	0.13	< 1	3	23	5	1.3	0.18	120	< 2	0.01	13	240	3	< 5	1	< 10	11	620	27	< 10	2	15	< 1
Be94S199	< 1	1.2	< 5	< 10	22	< 1	< 5	0.14	< 1	3	27	6	1.8	0.17	79	< 2	0.01	11	570	4	< 5	2	< 10	10	750	42	< 10	3	19	< 1
Be94S200	< 1	1.1	< 5	< 10	24	< 1	< 5	0.19	< 1	4	25	5	1.2	0.21	71	< 2	0.02	14	240	2	< 5	2	< 10	13	690	29	< 10	3	21	1
Be94S201	< 1	0.56	< 5	< 10	23	< 1	< 5	0.73	< 1	4	25	6	0.96	0.44	160	< 2	0.02	13	550	1	< 5	2	< 10	18	520	21	< 10	5	17	2
Be94S202	< 1	1.2	< 5	< 10	15	< 1	< 5	0.13	< 1	3	23	4	1.3	0.14	52	< 2	<0.01	9	190	1	< 5	2	< 10	10	580	27	< 10	2	15	1
Be94S203	< 1	0.96	< 5	< 10	20	< 1	< 5	0.16	< 1	4	23	3	1.1	0.18	75	< 2	0.01	14	330	2	< 5	1	< 10	10	550	21	< 10	3	12	1
Be94S204	< 1	1.4	< 5	< 10	24	< 1	< 5	0.16	< 1	6	27	4	1.3	0.20	92	< 2	0.02	17	370	2	< 5	2	< 10	10	600	27	< 10	3	17	2
Be94S205	< 1	0.77	< 5	< 10	15	< 1	< 5	0.20	< 1	4	21	3	0.86	0.19	67	< 2	0.02	14	410	2	< 5	1	< 10	12	530	19	< 10	3	13	1
Be94S206	< 1	0.57	< 5	< 10	14	< 1	< 5	0.15	< 1	2	16	2	0.85	0.14	51	< 2	0.01	9	160	< 1	< 5	1	< 10	11	620	26	< 10	2	10	2
Be94S207	< 1	0.66	< 5	< 10	22	< 1	< 5	0.27	< 1	3	21	3	0.94	0.21	80	< 2	0.02	12	460	1	< 5	1	< 10	15	570	21	< 10	3	14	< 1
Be94S208	< 1	0.68	< 5	< 10	33	< 1	< 5	0.21	< 1	4	19	3	0.70	0.18	90	< 2	0.01	14	410	< 1	< 5	1	< 10	13	430	17	< 10	4	11	1
Be94S209	< 1	0.62	< 5	< 10	18	< 1	< 5	0.22	< 1	3	21	4	0.84	0.21	72	< 2	0.02	13	410	< 1	< 5	1	< 10	13	610	19	< 10	3	12	2
Be94S210	< 1	1.0	< 5	< 10	23	< 1	< 5	0.17	< 1	4	27	4	1.2	0.18	86	< 2	0.02	14	380	2	< 5	2	< 10	12	710	27	< 10	3	11	2
Be94S211	< 1	1.1	< 5	< 10	28	< 1	< 5	0.15	< 1	4	25	3	1.5	0.15	82	< 2	0.02	13	270	3	< 5	2	< 10	12	680	29	< 10	3	12	2
Be94S212	< 1	0.83	< 5	< 10	10	< 1	< 5	0.10	< 1	2	18	2	0.90	0.10	39	< 2	0.01	7	150	1	< 5	1	< 10	8	560	26	< 10	2	10	1
Be94S213	< 1	1.1	< 5	< 10	25	< 1	< 5	0.14	< 1	5	22	4	1.1	0.16	110	< 2	0.01	14	570	2	< 5	1	< 10	9	530	28	< 10	2	17	< 1
Be94S214	< 1	1.3	< 5	< 10	30	< 1	< 5	0.11	< 1	4	23	4	1.1	0.14	56	< 2	0.01	12	460	3	< 5	2	< 10	11	570	26	< 10	2	13	1
Be94S215	< 1	1.1	< 5	< 10	17	< 1	< 5	0.14	< 1	5	24	3	1.1	0.18	76	< 2	0.01	15	360	1	< 5	2	< 10	10	570	26	< 10	3	13	2
Be94S216	< 1	0.73	< 5	< 10	20	< 1	< 5	0.08	< 1	2	13	1	0.70	0.09	37	< 2	0.01	8	84	3	< 5	1	< 10	9	510	19	< 10	2	8	1
Be94S217	< 1	1.2	< 5	< 10	24	< 1	< 5	0.14	< 1	5	25	3	1.2	0.18	66	< 2	0.02	14	230	2	< 5	2	< 10	9	630	28	< 10	3	11	1
Be94S218	< 1	0.53	< 5	< 10	19	< 1	< 5	2.7	< 1	3	22	7	0.82	1.3	130	< 2	0.03	12	500	< 1	< 5	2	< 10	28	540	19	< 10	5	15	4
Be94S219	< 1	0.79	< 5	< 10	23	< 1	< 5	0.32	< 1	4	22	4	0.95	0.24	78	< 2	0.02	13	510	3	< 5	2	< 10	15	570	23	< 10	4	13	2
Be94S220	< 1	0.90	< 5	< 10	22	< 1	< 5	0.15	< 1	4	24	6	1.4	0.18	110	< 2	0.02	10	350	3	< 5	2	< 10	12	590	26	< 10	2	22	1
Be94S221	< 1	0.70	< 5	< 10	24	< 1	< 5	0.16	< 1	4	19	3	0.85	0.16	140	< 2	0.02	14	520	2	< 5	1	< 10	11	460	18	< 10	3	15	1
Be94S222	< 1	1.2	< 5	< 10	28	< 1	< 5	0.12	< 1	3	23	3	1.1	0.13	76	< 2	0.01	10	380	3	< 5	1	< 10	10	570	27	< 10	2	13	< 1
Be94S223	< 1	0.53	< 5	< 10	25	< 1	< 5	0.20	< 1	3	19	3	0.81	0.15	110	< 2	0.01	12	770	2	< 5	1	< 10	11	450	19	< 10	3	13	1
Be94S224	< 1	0.85	< 5	< 10	26	< 1	< 5	0.17	< 1	4	22	3	1.1	0.16	110	< 2	0.01	13	360	2	< 5	1	< 10	11	590	25	< 10	3	12	1
Be94S225	< 1	1.0	< 5	< 10	27	< 1	< 5	0.11	< 1	4	22	3	1.3	0.14	59	< 2	0.01	11	240	1	< 5	1	< 10	9	660	28	< 10	2	13	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

SIGNED : Ray Saad

TSL/94

TSL/ASSAYER Laboratories
1270 FEWSTER DRIVE, UNIT 3 MISSISSAUGA,ONTARIO L4W-1A4
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CAMECO CORPORATION
ATTN: B. COOPER & P. CHUBB

REPORT No. : M3954
Page No. : 2 of 2
File No. : SP29MA
Date : SEP-29-1994

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

4W-2243-SG1

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
Be94S226	< 1	1.3	< 5	< 10	21	< 1	< 5	0.11	< 1	4	24	3	1.1	0.14	54	< 2	0.01	12	230	< 1	< 5	2	< 10	9	560	27	< 10	2	11	2
Be94S227	< 1	1.2	< 5	< 10	16	< 1	< 5	0.22	< 1	4	26	4	1.2	0.21	78	< 2	0.02	14	540	< 1	< 5	2	< 10	13	530	29	< 10	4	13	1
Be94S228	< 1	1.2	< 5	< 10	19	< 1	< 5	0.13	< 1	4	26	10	1.3	0.18	65	< 2	0.01	16	250	< 1	< 5	2	< 10	10	650	30	< 10	3	14	< 1
Be94S229	< 1	1.5	< 5	< 10	31	< 1	< 5	0.15	< 1	8	28	8	1.2	0.21	130	< 2	0.02	26	210	1	< 5	2	< 10	11	600	22	< 10	3	23	2
Be94S230	< 1	1.6	< 5	< 10	18	< 1	< 5	0.16	< 1	5	38	12	2.1	0.20	100	< 2	0.01	19	380	1	< 5	2	< 10	11	700	37	< 10	4	18	< 1
Be94S231	< 1	1.3	< 5	< 10	17	< 1	< 5	0.08	< 1	4	26	7	1.6	0.11	45	< 2	<0.01	12	180	3	< 5	2	< 10	6	550	32	< 10	2	17	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/94

SIGNED :

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9560.00489

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, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.16377

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

41O09NW0042 2 16377 BENTON

900

Recorded Holder(s): CAMECO CORPORATION		Client No.: 114820
Address: #6-1349 KELLY LAKE RD, SUDBURY, ONT P3E 5P5		Telephone No.: 705-523-4555
Mining Division: PORCUPINE	Township/Area: BENTON TWP.	M or G Plan No.: G-3233
Dates Work Performed — From: APR 15/94	To: NOV 30/94	

Work Performed (Check One Work Group Only)

	Work Group	Type
✓	Geotechnical Survey	LINECUTTING, GEOLOGICAL MAPPING, SOIL SURVEY.
	Physical Work, Including Drilling	
	Rehabilitation	
	Other Authorized Work	SECTION 18 ONLY
	Assays	
	Assignment from Reserve	

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Total Assessment Work Claimed on the Attached Statement of Costs $ 64,957.00

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
EXPLORATION SERVICES INC.	765 boul. QUEBEC, ROUYN-NORANDA, QC J9X 5C4
RON MATTHEWS - CAMECO	2121 11th ST W. SASKATOON, SK, S7M 1J3

(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: NOV 15/95	Recorded Holder or Agent (Signature): Douglas A. Panagapko

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: DOUGLAS A. PANAGAPKO, #6-1349 KELLY LAKE RD, SUDBURY, ON P3E5P5

Telephone No.	Date	Certified By (Signature)
705-523-4555	NOV 15/95	Douglas A. Panagapko

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
		NOT DATED. Gary White	
	Deemed Approval Date	Date Approved	
	Date Notice for Amendments Sent		

0303/91)

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
	P 1189278	12	8016	4800		3216
	P 1189279	15	12469	6000		6469
	P 1189280	16	12454	6400		6054
	P 1189281	15	11555	6000		5555
	P 1189282	16	14933	6400		8533
	P 1189283	6	2653	2400		253
	P 1189284	6	2877	2400		477
	7		64957	34400		30557
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

024 (03/91)

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

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.

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MINING LANDS BRANCH

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

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction
W9560.00489

2.16377

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 question sur la collecte 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	26631	
	Field Supervision Supervision sur le terrain		26631
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type LINECUTTING	25568	
	ANALYSIS	5436	
			31004
Supplies Used Fournitures utilisées	Type FIELD EQUIP	500	
	FREIGHT	148	
			648
Equipment Rental Location de matériel	Type FM RADIOS	216	
			216
	Total Direct Costs Total des coûts directs		58499

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	596	
			596
Food and Lodging Nourriture et hébergement		4862	4862
Mobilization and Demobilization Mobilisation et démobilisation		1000	1000
	Sub Total of Indirect Costs Total partiel des coûts indirects		6458
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		6458
	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)		64,957

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

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

Filing Discounts

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

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

Total Value of Assessment Credit	Total Assessment Claimed
x 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
x 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 I am authorized
(Recorded Holder, Agent, Position in Company)

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.

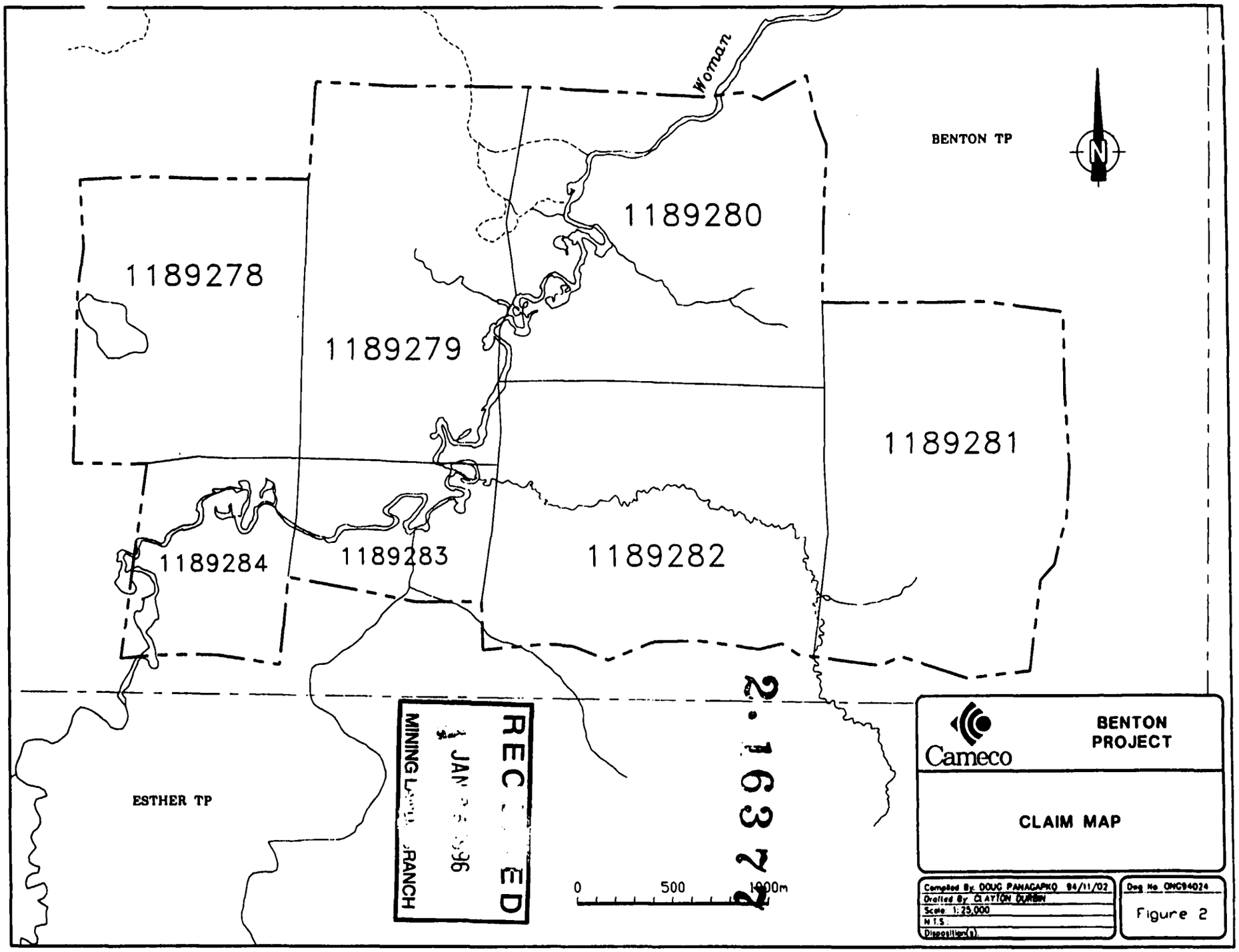
Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature	Date
Douglas A. Panagapka	Nov-15/95

0212 (04/91)

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


Woman
BENTON TP
1189280
1189278
1189279
1189281
1189284
1189283
1189282
ESTHER TP
N
0
500
1000m
RECEIVED
JAN
MINING
RANCH
2.1632
Cameco
BENTON PROJECT
CLAIM MAP
Compiled By DOUG PANAGAPKO 96/11/02
Drafted By CLAYTON DURBIN
Scale 1:25,000
N.T.S.
Disposition(s)
Dwg No ONG94024
Figure 2

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

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

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

February 13, 1996

Our File: 2.16377
Transaction #: W9560.00489

Mining Recorder
Ministry of Northern Development & Mines
60 Wilson Avenue, 1st Floor
Timmins, Ontario
P4N 2S7

Dear Mr. White:

Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS 1189278 et al. IN BENTON TOWNSHIP

Assessment credits have been approved as outlined on the report of work form. The credits have been approved under Section 12 (Geology) of the Mining Act Regulations.

The approval date is February 12, 1996.

If you have any questions regarding this correspondence, please contact Steven Beneteau at (705) 670-5855.

Yours sincerely,
ORIGINAL SIGNED BY:

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

SBB/jl
Enclosure:

cc: Resident Geologist
Timmins, Ontario

Assessment Files Library
Sudbury, Ontario

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

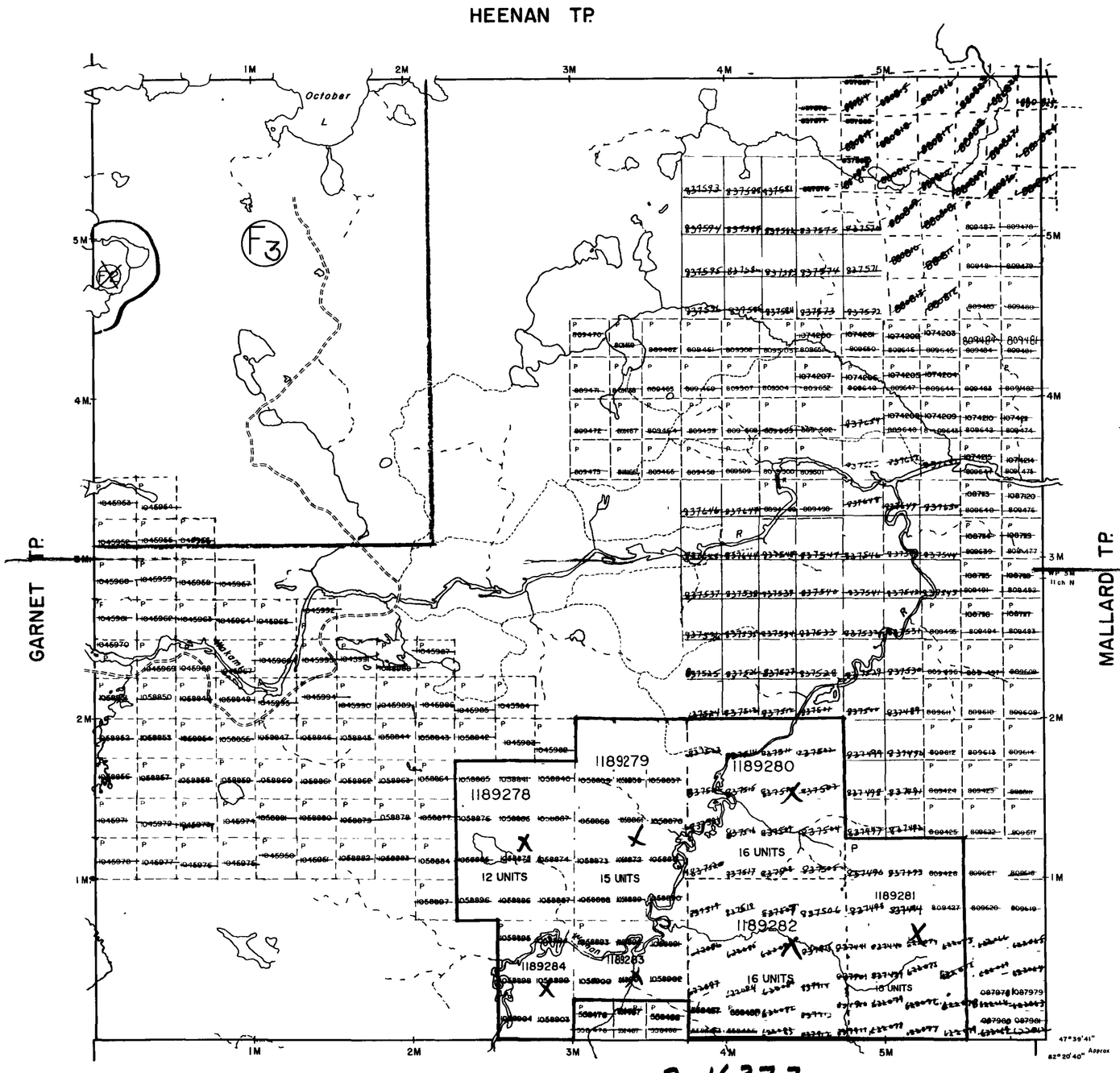
M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+S. – MINING AND SURFACE RIGHTS

Description	Order No	Date	Disposition	File

THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1993/94. FURTHER INFORMATION ON FILE. 1995/96

F3

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



2.16377
(GEOL.)

LEGEND

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

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	▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊕
CANCELLED	⊗
SAND & GRAVEL	⊕

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

SCALE. 1 INCH = 40 CHAINS

2.16377

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

TOWNSHIP

BENTON

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MINES LANDS BRANCH

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY W9560.00489

Ontario Ministry of Natural Resources — Land Management Branch

Date MARCH, 1985

Number G-3233

Wakami River

BENTON TP

Woman River

L 10+00W
L 5+00W
L 0+00
L 5+00E
L 15+00E
L 20+00E
L 25+00E
L 30+00E
L 21+00W
L 15+00W
TL 12+00N
TL 20+00S
TL 12+00S
BL 0+00 (Az 115°)

MALLARD TP

ESTHER TP

Legend

- JP Jack Pine
- BPS Balsam, Poplar, Spruce
- MB Mixed Forest
- POP Poplar
- BIR Birch
- SPR Spruce
- Swamp boundary
- Esker
- ■ □ Posts (located, inferred)

N

0 100 200 300 400 500 600 700 800 900 1000m
Scale 1:10000

2.16377

Douglas A. Panagapko

Cameco

BENTON PROJECT

VEGETATION AND SURFICIAL GEOLOGY

Compiled By: DOUG PANAGAPKO 94/11/01	Dwg No ONG94020
Drafted By: CLAYTON DURBIN	
Scale: 1 10,000	Figure 5
NTS:	
Disposition(s):	

Wakami River

BENTON TP

Woman River

L 10+00W
L 5+00W
L 0+00
L 5+00E
L 15+00E
L 20+00E
L 25+00E
L 30+00E
L 21+00W
L 15+00W
TL 12+00N
TL 20+00S
TL 12+00S
BL 0+00 (Az 115°)

2A-C
2A-B
2A
2a
1a
1b
2B
3B
3A
5c
5b
8d
8b
8e

ESTHER TP

MALLARD TP

Legend

- 13a Diabase
- 8b Gabbro
- 8d Leucogabbro
- 8e Melanogabbro
- 5b Ferruginous Chert
- 5c Chert
- 3a Felsic Flow
- 3A Felsic Tuff
- 2A Intermediate Tuff
- 2a Intermediate Flow
- 2b Intermediate Flow (pillowed)
- 1B Mafic Lapilli-tuff
- 1a Mafic Flow
- 1b Mafic Flow (pillowed)
- geological contact, inferred
- foliation (inclined, vertical)
- bedding (inclined, vertical)
- jointing (inclined, vertical)
- 03a outcrop
- pillow top
- trail, road

0 100 200 300 400 500 600 700 800 900 1000m
Scale 1:10000

41O09NW0042 2 16377 BENTON

220

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MINING LANDS BRANCH

Douglas A Panagapko

Cameco

BENTON PROJECT

BEDROCK GEOLOGY

Compiled By: DOUG PANAGAPKO 94/11/01	Dwg No. ONG94021
Drafted By: CLAYTON DURBIN	
Scale: 1 10,000	Figure 6
N.T.S.:	
Disposition(s)	

Wakami River

BENTON TP

Woman River

L 21+00W
L 15+00W
L 10+00W
L 5+00W
L 0+00
L 5+00E
L 15+00E
L 20+00E
L 25+00E
L 30+00E
TL 12+00N
TL 20+00S
TL 12+00S
BL 0+00 (Az 115°)

ESTHER TP

MALLARD TP

2.16377

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BRANCH

Legend

36 044 — Sample Number / Station Number

Douglas A. Panagapko

Cameco

BENTON PROJECT

SAMPLE LOCATIONS and FIELDLOG STATIONS

Compiled By: DOUG PANAGAPKO 94/11/01	Dwg No.: ONG94022
Drafted By CLAYTON DURBIN	
Scale: 1:10,000	Figure 7
NTS:	
Disposition(s)	

0 100 200 300 400 500 600 700 800 900 1000m
Scale 1:10000

41O09NW0042 2 16377 BENTON

Wakami River

BENTON TP

Woman River

L 21+00W
L 15+00W
L 10+00W
L 5+00W
L 0+00
L 5+00E
L 15+00E
L 20+00E
L 25+00E
L 30+00E
TL 12+00N
TL 20+00S
BL 0+00 (Az 115°)
BL 12+00S

191 MgBa
112 ThA
194 CAR
188 CAR
195 CAA
157 MgBa
196
183 CAD
193 CAD
203 MgBa
195
79 MgBa
86 FeBa
198 ThA
118 CAR
194 CAB
75 ThD
80 FeBa
74 MgBa
56 FeBa
111 CAA
200 CAD
241 FeBa
106 CAR
43 ThA
105 MgBa
192 ThA
34 CAB
49 CAB
199 CAB
104 CAR
39 FeBa
85 MgBa
25 MgBa
97 CAR
12 CAB
249
101 CAR
36 CAB
240 MgBa
171 CAB
247 CAB
26 MgBa
66 MgBa
64 MgBa
51 MgBa
238
42 ThA
65 MgBa
52 MgBa
248 CAB
243 FeBa
242
237
245 CAB
60 MgBa
246

ESTHER TP

MALLARD TP

Legend

× Sample# Classification	Cameco 1994 Sample
○ Sample# Classification	OGS Litholgic Sample (1978)

FeBa	Fe Tholeiitic Basalt
MgBa	Mg-Tholeiitic Basalt
CAB	Calc-alkaline Basalt
CAA	Calc-alkaline Andesite
CAD	Calc-alkaline Dacite
CAR	Calc-alkaline Rhyolite
ThA	Tholeiitic Andesite
ThD	Tholeiitic Dacite

N

0 100 200 300 400 500 600 700 800 900 1000m
Scale 1:10000

Douglas A. Panagapko

Cameco

BENTON PROJECT

WHOLE ROCK GEOCHEMICAL CLASSIFICATION

Compiled By: DOUG PANAGAPKO 94/11/01	Dwg No.: ONG94023
Drafted By: CLAYTON DURBIN	
Scale: 1:10,000	Figure 8
NTS:	
Disposition(s):	

41O09NW0042 2 16377 BENTON

L 15+00W

L 0+00

L 5+00E

L 15+00E

L 20+00E

L 25+00E

BL 0+00 (Az 115°)

TL 12+00N

TL 12+00S

Woman River

Legend

Au Value (ppb) — 14 × r207 — Sample Number

Sample Location

(gold is NIL if not reported)

× t087 — Basal Till Site

N

2.16377

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MINING LANDS BRANCH

Douglas A. Panagapko

Cameco

BENTON PROJECT

B-HORIZON SOIL SURVEY

Compiled By: DOUG PANAGAPKO 94/11/15	Dwg No: ONG94029
Drafted By: CLAYTON DURBIN	
Scale 1:5,000	Figure 9
NTS:	
Disposition(s)	

41O09NW0042 2 16377 BENTON

250

BENTON TP

MALLARD TP

ESTHER TP

Woman River

L 21+00W
L 15+00W
L 10+00W
L 5+00W
L 0+00
L 5+00E
L 15+00E
L 20+00E
L 25+00E
L 30+00E
TL 12+00N
TL 20+00S
TL 12+00S
BL 0+00 (Az 115°)

LEGEND

- DIABASE
- IRON FORMATION
- INPUT ANOMALIES
- OUTLINE OF AERODAT COVERAGE
- AERODAT HEM CONDUCTOR
  - MODERATE
  - WEAK
  - VERY WEAK
- AERODAT INTERPRETED STRUCTURE
- PROPERTY OUTLINE
- HALCROW–OSWAY FAULT BOUNDARY

0 200 400 600 800 1000 1200m

Scale 1:10,000

2.16377

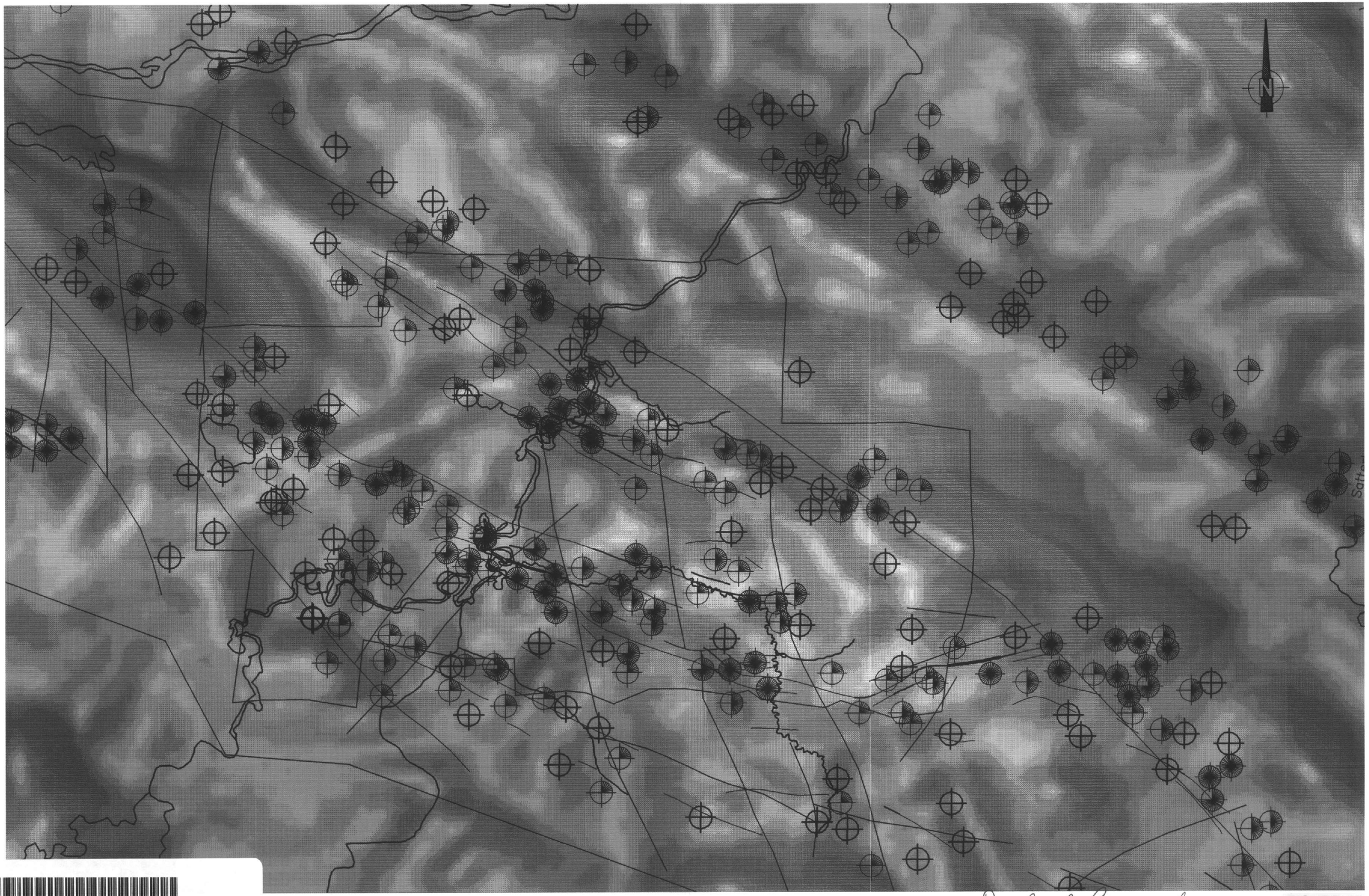
Cameco

BENTON PROJECT

AIRBORNE GEOPHYSICS COMPILATION

Compiled By: RON MATTHEWS 94/07/07	Dwg No.: QNG94028
Drafted By: WALLY HARILDSTAD	
Scale: 1:10,000	Figure 17
NTS:	
Disposition(s)	

260



Douglas A. Panagoulis

FIGURE 20