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CAMECO CORPORATION

REPORT ON THE 1994-95 BULK TILL SAMPLING PROGRAM

POWELL PROJECT

POWELL, BANNOCKBURN, BADEN AND ARGYLE TOWNSHIPS

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

December, 1995

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SUMMARY AND RECOMMENDATIONS

The Powell Project is located at the junction of the Powell, Bannockburn, Baden and Argyle Townships, northeastern Ontario, approximately 15km west of the village of Matachewan and 75 km west of Kirkland Lake. The project consists of 125 claims (232 claim units). One hundred and seven of these are under option from Messrs. Leahy and Kiernicki, both from Kirkland Lake. The remaining 18 claims were staked by Cameco in December, 1994 and April, 1995.

Thin discontinuous till deposits cover portions of the outcrop ridges. A bulk till sampling program, consisting of 103 samples, was carried out in October and November, 1994 and June and July, 1995. The purpose of till sampling and analyses was to gain some insight into the gold bearing potential of linear IP anomalies.

Till samples contain from 2 to 134 gold grains. The samples which are anomalous in gold (>49 grains) form a series of spot highs within a south-southeast trending, disrupted train. The source of the till train is believed to be off property.

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

Based on the till survey results, more prospecting is recommended in the area of POW9401. Additional till sampling is recommended on the remainder of the property.

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

1.0 INTRODUCTION

This report describes the 1994-1995 bulk till sampling program which was carried out by Cameco Corporation between October 3, 1994 and July 18, 1995.

1.1 Property Location, Access and Infrastructure

The centre of the project is located approximately 15km west of Matachewan, Ontario (Figure 1). Access is provided by an all-weather gravel road (highway 566), which bisects the property.

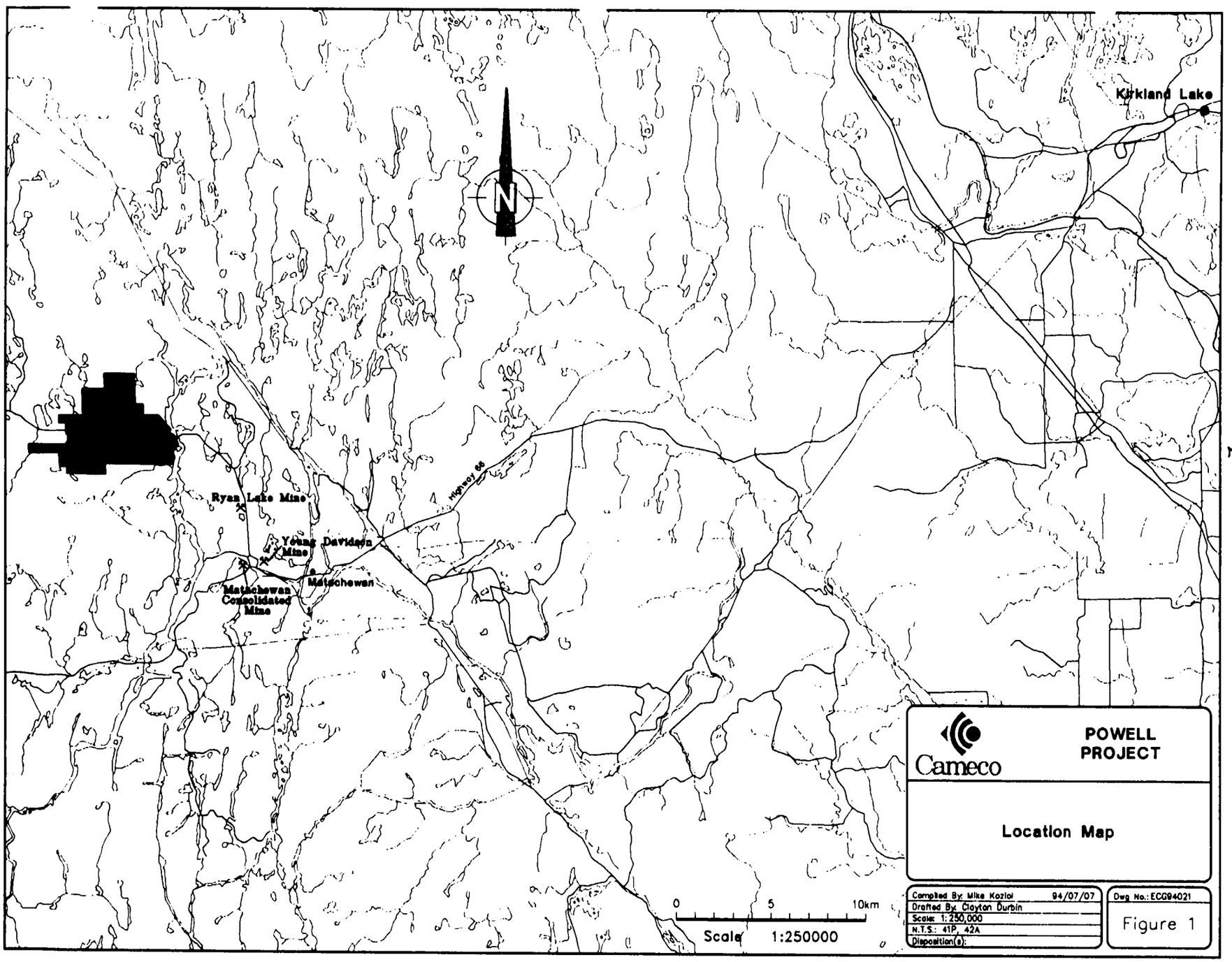
Electrical power can be obtained from high voltage transmission lines near the town of Matachewan. Skilled labour and mining equipment are easily obtainable from Kirkland Lake, approximately 75 km to the east.

1.2 Claim Ownership and Land Status

The Powell project consists of 125 unpatented mining claims (232 claim units). Messrs. Fred Kiernicki and Mike Leahy jointly own 107 claims that make up a portion of the Powell Project. Cameco has the option to earn 100% interest in these. The 18 remaining claims were staked by Cameco in December, 1994 and April, 1995. The claims on which till sampling was completed are listed in Table F-1.

1.3 Previous Work

The area was last mapped by Lovell in 1964 for the Government of Ontario. He produced a map of the Powell, Baden, Cairo, and Alma Townships on a scale of 1:31,680. Powell (1991) published a report describing intensity, orientation and nature of structural fabrics within the Powell and Bannockburn Townships.


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

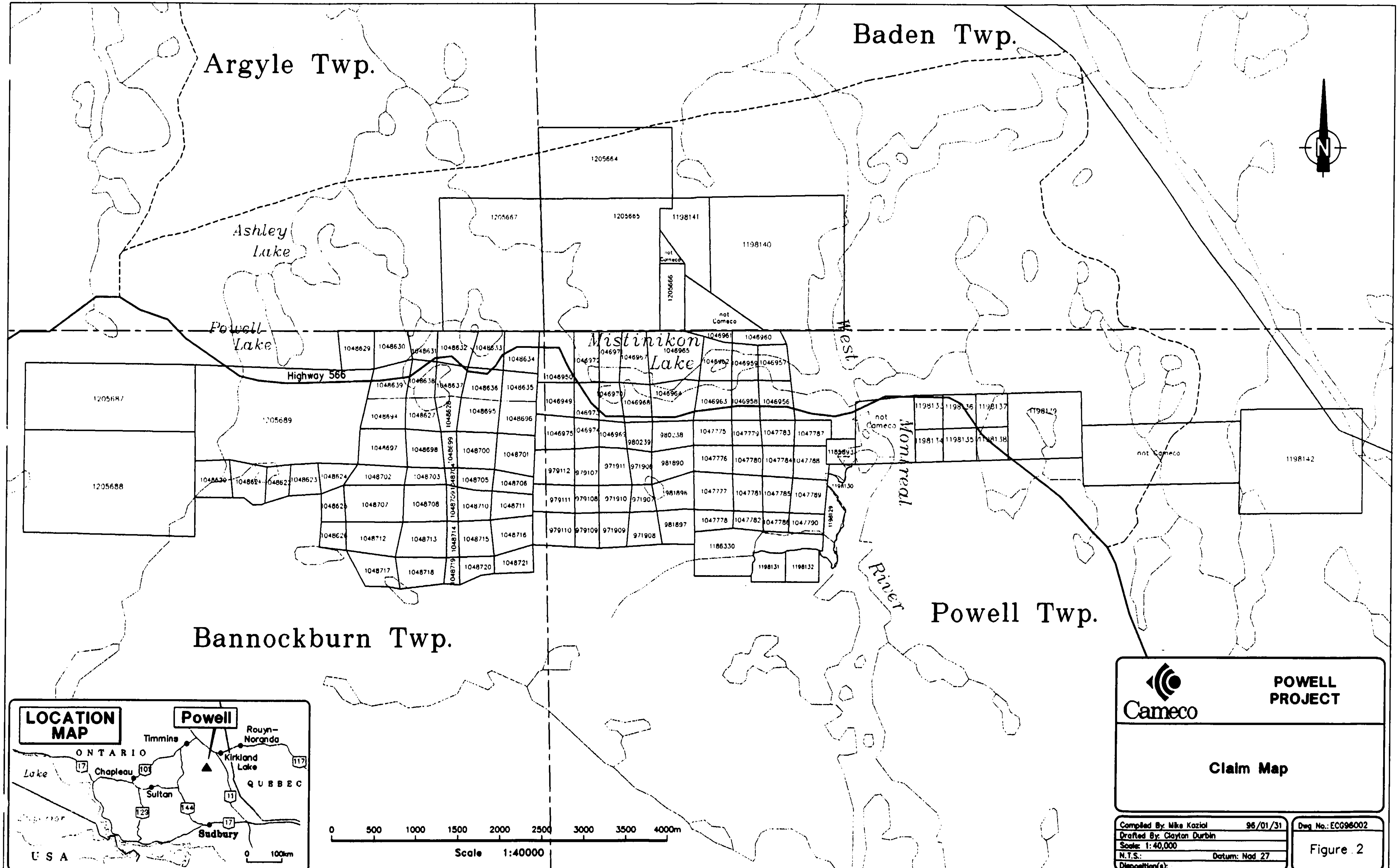

Argyle Twp.
Baden Twp.
Ashley Lake
Powell Lake
Highway 566
Mistinikon Lake
West Montreal River
Bannockburn Twp.
Powell Twp.
not Cameco
LOCATION MAP
Powell
Timmins
Rouyn-Noranda
ONTARIO
QUEBEC
Kirkland Lake
Chapleau
Sultan
Sudbury
USA
Scale 1:40000
0 500 1000 1500 2000 2500 3000 3500 4000m
Cameco
POWELL PROJECT
Claim Map
Compiled By: Mike Koziol 96/01/31
Drafted By: Clayton Durbin
Scale: 1:40,000
N.T.S.:
Datum: Nad 27
Disposition(s):
Dwg No.: ECG96002
Figure 2

Table F-1. List of Claims on which Till Sampling was Completed

Claim Number	Number of Samples	Sample number (PO94T-**, POW94T-**, or POW95T-**)
971910	1	81
971911	2	76,82
979107	3	55,75,93
979108	1	57
979110	1	48
980238	4	38,51,52,84
980239	3	78,79,80
981896	1	83
981897	1	8
1046950	2	53,98
1046961	1	102
1046963	1	73
1046964	1	102
1046965	1	101
1046967	1	100
1046969	1	77
1046971	1	99
1046975	1	37
1047775	5	39,40,41,62,63
1047777	4	43,44,47,50
1047778	2	20,22
1047781	3	42,45,71
1047782	4	9,12,13,27
1047783	1	56
1047784	3	46,64,72
1047785	1	69
1047786	4	10,11,33,68
1047787	1	87
1047788	1	74
1047789	1	70
1047790	1	85
1048634	1	54
1048700	1	60
1048701	1	59
1048705	1	58
1186330	29	1,2,3,4,5,6,7,14,15,16,17,18,19,21,23,24,25,26,28,29,30,31,32,34,35,36,65,66,67
1198133	1	88
1198138	1	94
1205667	3	61,91,92

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

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

Cameco started work on the project in the fall of 1994. The work including geological mapping of the southeast corner of the property (Chubb et al., 1995) and 18.8 km IP and resistivity surveys (Matthews, 1995). Initial till sampling consisted of 49 bulk samples. Cameco continued geological mapping, ground geophysics (IP and magnetometer) and till sampling programs in 1995. A seven hole, 1407m, diamond drilling program was completed in December, 1995.

1.4 Topography and Vegetation

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

1.5 Purpose of Program

The purpose of this program was to gain some insight into the gold bearing potential of linear IP anomalies.

2.0 GEOLOGY

2.1 Bedrock Geology

The Powell Project is located within the western part of the

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

The geology on the Powell property includes a basal sequence of meta-sediments (turbidites and greywacke) at the southern boundary, overlain by a mafic/ultramafic volcanic sequence (including komatiite and peridotite) with interlayers of argillite to the north. The ultramafics are overlain by pillowed and massive thoeliitic basalt and andesite and associated fragmental rocks. The flows and fragmentals are capped by a sequence of clastic and calcareous sediments. These sediments are overlain by a thick section of intermediate fragmentals, flows and breccias belonging to the calc-alkalic suite which is interpreted to belong to the Blake River Group (Koziol et. al., 1996). A small syenite intrusion is located in the south western portion of the Powell property. Several carbonate shear zones are present on the property. They are characterized by heavy gossan on the weathered surfaces and contain variable amounts of chlorite, quartz and iron carbonate. Sulphides are limited (trace amounts) with local enrichment of disseminated pyrite (up to 2% volume).

2.2 Surficial Geology

Surficial geology on the Powell Project includes glacial till, glaciofluvial and glaciolacustrine sediments, and more recent eolian, alluvial and organic deposits. Till occurs as thin discontinuous patches overlying bedrock highs. Generally, the till is less than 2 m thick, decreasing to only few tens of centimetres on the flat portions of bedrock ridges.

Vertical sections in road cuts and trenches show a compact but non-cohesive, non-calcareous, sand to silt supported till containing from 10% to 50% clasts. The clast component of the till is dominated by angular to sub-angular, locally derived, rock fragments (including schist fragments from locally mapped shear zones). Vertical textural changes, from the top down include a coarsening of the till matrix accompanied by an increase in clast content and degree of compaction. The content of locally derived rock fragments also increases towards the base. The colour of the

till changes from a yellowish, oxidized colour near the top to a grey deeper in the section. The till is an oxidized, yellowish grey colour where it is very thin. In the southeast corner of the property, till can be found on the down-ice side of prominent ridges below glaciofluvial-glaciolacustrine sands and gravels.

Glacial erratics are present throughout the till covered areas and are mainly of local lithologies; with only a few rounded granitic boulders from more distal sources. Three green-carbonate altered boulders were found near the north edge of the survey area. The source for these is not known.

Glaciofluvial and glaciolacustrine deposits on the property consist of sand and gravel and distal outwash sands and silts. These deposits are widespread to the west of line 10W and cover significant portions west of Mistinikon Lake.

Sand dunes and sand ridges cover a large portion of the northern part of the property in the Argyle and Baden Townships, on claims 1205665 and 1205667.

2.3 Glacial Ice Directions

Several glacial striations and grooves record a generally south-southeasterly (160°-170°) direction of ice advance across the property. Locally, in depression in outcrops, evidence of an earlier, westerly (140°-150°) glacial direction was found.

3.0 SAMPLE COLLECTION AND PREPARATION METHODS

Sampling was carried out on selected lines down-ice from IP anomalies, in areas where the geology is considered to be favourable for hosting gold mineralization. Samples were collected from hand-dug pits, road cuts and trenches. Where possible, samples were collected from below the depth of maximum oxidation. Sample depths ranged from 0.1m to 2.0m. Approximately 10 kg of material per sample was collected and shipped to Overburden Drilling Management in Nepean, Ontario for processing.

Sample processing initially involves wet screening to -10 mesh (<2 mm) size fraction. Heavy minerals are then separated from the -10 mesh fraction by wet gravity tabling and then concentrated to a 3.2 specific gravity using heavy liquid separation (diluted methylene iodide). Magnetic minerals are removed by using an automagnet. The magnetic and non-magnetic heavies are weighted to provide percentages of each. The gold grains are counted and their sizes and shapes recorded during the tabling stage and further refined by panning to obtain exact grain counts. Proportions of pristine to

modified and reshaped grains are then reported.

A -150 mesh sub-sample split was collected from each of the bulk till samples and sent to ACME in Vancouver for gold and multi-element analyses. The non-magnetic heavy mineral concentrates from the 49 samples collected in 1994 were also analyzed for gold and multi-elements using Neutron Activation at ACTLABS in Ancaster, Ontario.

4.0 THE BULK TILL PROGRAM

The bulk till sampling was carried out by Mike Koziol, Alain Faber and Peter Chubb during 1994 (49 samples) and 1995 (54 samples). A summary of the work completed is presented in Table F-2. A total of 103 bulk till samples was collected (Table F-3).

Table F-2. Summary of work completed

Number of Claims	Sample analysis distribution			
	Gold grain counts	Gold Assays (-150 mesh)	Multi-element analyses (ICP)	Neutron Activation analyses
39	103	103	103	49

5.0 RESULTS

Till samples from the Powell property contain a range from 2 to 134 (152 when normalized to 10 kg total sample weight) gold grains. An average (mean) abundance for the 103 samples is 25.7 gold grains, with a standard deviation of 24. The gold grains range in size from 10x5 microns to 400x625 microns and their condition varies from pristine to reshaped. Map F-2 shows a plot of the gold grains in the tills, with the mean, mean + one standard deviation, and mean + two standard deviations contoured. This data shows an incomplete (disrupted) glacial dispersion train originating from the northwest (and off property). There are several spot high gold grain counts within this train and they display variable conditions of preservation; from 90% pristine grains in sample POW94-046 to 92% reshaped grains in sample POW94-045. For this reason a detailed study was commissioned to help determine the significance of the high number of gold grains in some of the samples.

Table F-3. Location and Gold Grain Counts of Till Samples Obtained from the Powell Property

Sample	Location	Till Grade	Depth	Gold cnt.			Norm.
#	on grid		metres	Total	Pristine	Mod./rsh.	Total*
POW94T-001	2700E, 1165S	Mod. Till + 20% frag.	0.2	77	53	24	78
POW94T-002	3100E, 1125S	Mod. Till + 20% frag.	0.1	18	1	17	17
POW94T-003	3300E, 1130S	Mod. Till + 10% frag.	0.1	29	0	29	30
POW94T-004	2505E, 1070S	Good Till + 5% frag.	0.1	7	0	7	8
POW94T-005	2300E, 1080S	Good Till + 10% frag.	0.2	31	9	22	33
POW94T-006	2090E, 1133S	Good Till + 10% frag.	0.1	25	8	17	23
POW94T-007	1900E, 1100S	Mod. Till + 10% frag.	1.0	24	2	22	28
POW94T-008	1715E, 1028S	Good Till + 10% frag.	0.3	12	0	12	13
POW94T-009	2600E, 825S	Poor Till + 5% frag.	0.4	58	33	25	57
POW94T-010	2700E, 825S	Mod. Till + 5% frag.	0.8	38	2	36	31
POW94T-011	2800E, 840S	Mod. Till + 10% frag.	0.7	129	3	126	111
POW94T-012	2500E, 812S	Mod. Till + 5% frag.	0.6	39	1	38	30
POW94T-013	2400E, 880S	Mod. Till + 5% frag.	0.5	16	5	11	14
POW94T-014	2400E, 935S	Mod. Till + 5% frag.	0.6	18	3	15	15
POW94T-015	2400E, 985S	Mod. Till + 5% frag.	0.5	16	0	16	17
POW94T-016	2200E, 1035S	Mod. Till + 5% frag.	0.5	21	4	17	17
POW94T-017	2120E, 1035S	Mod. Till + 5% frag.	0.5	26	6	20	20
POW94T-018	2025E, 1050S	Poor Till + 5% frag.	0.5	15	0	15	12
POW94T-019	1820E, 1000S	Mod. Till + 10% frag.	0.7	25	3	22	21
POW94T-020	2100E, 900S	Mod. Till + 5% frag.	0.7	31	1	30	23
POW94T-021	2210E, 905S	Mod. Till + 5% frag.	0.8	14	0	14	15
POW94T-022	2200E, 800S	Mod. Till + 5% frag.	0.5	31	0	31	25
POW94T-023	2300E, 925S	Mod. Till + 5% frag.	0.5	14	0	14	12
PO94T-024	2521E, 1050S	Poor Till + 1-2% frag.	0.6	29	2	27	35
PO94T-025	2675E, 1000S	Poor Till + 1% frag.	0.6	28	13	15	36
PO94T-026	2700E, 1135S	Mod. Till + 5% frag.	0.5	17	3	14	14
POW94T-027	2500E, 895S	Mod. Till + 5% frag	0.6	31	3	28	28
POW94T-028	2750E, 1010S	V Poor Till + 5% frag.	0.3	11	0	11	16
PO94T-029	2790E, 1000S	V Poor Till + no frag.	0.7	7	0	7	7
POW94T-030	2915E, 1000S	Poor Till + 2% frag.	0.6	51	7	44	43
PO94T-031	3171E, 1040S	Poor Till + 2% frag.	1.0	13	0	13	13
PO94T-032	2905E, 1110S	Mod. Till + >10% frag.	0.6	34	1	33	48
PO94T-033	2905E, 925S	Mod. Till + 10% frag.	0.3	12	1	11	12
PO94T-034	2790E, 1175S	Mod. Till + 5% frag.	0.4	12	2	10	13
POW94T-035	2850E, 1170S	Good Till + 5% frag.	0.6	24	4	20	26
PO94T-036	2750E, 1110S	Poor Till + 1% frag.	1.0	13	0	13	13
POW94T-037	700E,300N	Mod. Till + 30% frag.	0.6	30	3	27	26
POW94T-038	1600E, 120N	Mod. Till + 5% frag.	0.7	91	13	78	93
POW94T-039	1800E, 310N	Mod. Till + 5% frag.	0.5	43	1	42	41
POW94T-040	2000E, 350N	Good Till + 10% frag.	0.6	32	5	27	27
POW94T-041	2200E, 275N	Mod. Till + 5% frag.	0.5	61	9	52	59
POW94T-042	2300E, 555S	Good Till + 10% frag.	0.6	21	4	17	15
POW94T-043	2110E, 525S	Mod. Till + 10% frag.	0.3	21	6	15	19
POW94T-044	1900E, 550S	Mod. Till + 10% frag.	0.5	20	5	15	22

* Normalized Totals for gold grains normalized to 10kg sample

Table F-3. Continued.

Sample #	Location on grid	Till Grade	Depth metres	Gold cnt. Total	Pristine	Mod./rsh.	Norm. Total*
POW94T-045	2480E, 500S	Poor Till + 30% frag.	0.5	66	4	62	83
POW94T-046	2800E,125S	Poor Till + 15% frag.	0.5	134	121	13	152
POW94T-047	2200E, 350S	Poor Till + 20% frag.	0.3	11	4	7	10
POW94T-048	275E, 800N	Good Till + 20% frag.	0.5	10	2	8	10
POW94T-049*	522848E, 5313115N	Good Till + 25% frag.	1.3	20	4	16	18
POW95T-050	2000E, 660S	Sandy, Poorly sorted	1.5	9	0	9	7
POW95T-051	1500E, 130N	Sandy, 10% frag.	0.6	46	9	37	41
POW95T-052	1700E, 150N	Sandy, 10% frag.	0.7	27	1	26	22
POW95T-053	100E, 1125N	Sandy to Silty, 25% frag.		37	8	29	28
POW95T-054	380W, 1190N	Sandy, 15% frag.		41	6	35	29
POW95T-055	610E, 025N	Sandy, minor clay, 15% frag.		31	5	26	20
POW95T-056	2800E, 105N	Hard pan, 20% frag.	1.0	9	0	9	7
POW95T-057	595E, 675S	Sandy, Ablation Till, 20% fra	2.0	12	2	10	11
POW95T-058	880W, 280S	Sandy, Ablation Till, 10% fra	1.0	17	4	13	14
POW95T-059	550W, 165S	Lodgement Till, Hard, 10% fr	1.5	8	0	8	7
POW95T-060	760W, 265N	Ablation Till, 20% frag.	0.2	12	1	11	10
POW95T-061	580W, 1800N	Sandy, Ablation Till, 40% fra	1.0	108	62	46	91
POW95T-062	1910E, 210N	Sandy, Ablation Till, 10% fra	0.8	21	1	20	20
POW95T-063	2100E, 310N	Sandy, Ablation Till, 10% fra	0.8	63	2	61	46
POW95T-064	2895E, 075S	Sandy/Clayey, Ablation till, 1	0.4	67	2	65	55
POW95T-065	2600E, 1125S	Sandy/Silty, Ablation Till, 20	1.0	22	4	18	16
POW95T-066	2700E, 1025S	Sandy, Basal Till, 20% frag.	1.5	9	1	8	8
POW95T-067	2700E, 1125S	Sandy, 40% frag.	1.5	2	0	2	2
POW95T-068	2750E, 725S	Sandy, Ablation Till, 30% fra	0.2	52	2	50	41
POW95T-069	2900E, 500S	Ablation/Basal Till, 25% frag	1.0	16	0	16	13
POW95T-070	3100E, 550S	Sandy/Clayey, Ablation Till,	0.9	35	1	34	32
POW95T-071	2450E, 375S	Sandy, Hard Pan, 40% frag.	0.5	11	1	10	9
POW95T-072	2700E, 130S	Sandy, Ablation Till, 10% fra	0.8	25	4	21	18
POW95T-073	1900E, 430N	Sandy, Ablation/Basal Till, 1	1.1	68	7	61	49
POW95T-074	3195E, 050N	Sandy, 15% frag.	0.5	47	2	45	40
POW95T-075	400E, 050N	Sandy, Outwash?, 20% frag.	0.7	18	2	16	12
POW95T-076	800E, 065N	Sandy, Ablation/Basal Till, 2	0.8	28	0	28	22
POW95T-077	800E, 125N	Test Sample		10	1	1	11
POW95T-078	1010E, 070N	Gravely/Sandy, 30% frag.	0.9	18	1	18	15
POW95T-079	1200E, 070N	Sandy, 10% frag.	1.0	29	0	29	23
POW95T-080	1100E, 335N	Sandy, Basal Till, Hard, 20%	2.0	7	0	7	5
POW95T-081	650E, 440S	Sand(y), Ablation Till, 10% f	1.2	23	0	23	16
POW95T-082	1000E, 350S	Sand, 5% frag.	1.2	3	0	3	2
POW95T-083	1425E, 360S	Sandy, Ablation Till, 20% fra	0.8	5	0	5	4
POW95T-084	1500E, 310N	Sandy, Basal Till, 20% frag.	0.8	27	1	26	18
POW95T-085	3200E, 800S	Sandy, 10% frag.	0.8	41	4	37	42
POW95T-086*	514074E, 5320542N	Silty/Sandy, Hard/Compact,2	1.5	5	0	5	4
POW95T-087	3350E, 180N	Sandy/Gravely, 50% frag.	1.0	24	3	21	20
POW95T-088*	520363E, 5316890N	Sandy, Clayey, 30% frag.	2.0	15	1	14	12

* Normalized Totals for gold grains normalized to 10kg sample

** Sample teken along highway 566, by the barite mill.

Table F-3. Continued.

Sample #	Location on grid	Till Grade	Depth metres	Gold cnt. Total	Pristine	Mod./rsh.	Norm. Total*
POW95T-089*	513922E, 5319149N	Sandy, 15% frag.	0.6	21	2	19	17
POW95T-090*	514107E, 5318698N	Sandy/Silty, 15% frag.	0.7	32	3	29	26
POW95T-091*	514590E, 5318633N	Sandy, 20% frag.	1.0	47	31	16	42
POW95T-092*	580W, 1800N	Sandy, Ablation Till, 40% fra	1.0	112	58	54	
POW95T-093	580E, 115S	Sandy, Cemented, 20% frag.	0.8	21	2	19	15
POW95T-094*	520961E, 5316180N	Sandy, 20% frag.	1.0	2	0	2	2
POW95T-095*	521560E, 5315731N	Sandy, Clayey, 45% frag.	1.0	17	4	13	14
POW95T-096*	522345E, 5314881N	Sandy, 50% frag.	1.5	9	2	7	9
POW95T-097*	522821E, 5311897N	Very Sandy, 10% frag.	1.0	456	116	340	400
POW95T-098	305E, 1365N	Sand to Coarse Sand, 15% fra	0.7	3	0	3	2
POW95T-099	700E, 1040N	Hard Pan, Cemented, 50% fra	0.6	4	0	4	3
POW95T-100	1080E, 925N	Sandy, Ablation Till, 10% fra	0.8	14	1	13	11
POW95T-101	1415E, 1115N	Sandy, 15% frag.	0.7	44	1	43	34
POW95T-102	1710E, 750N	Sandy silt, (distal), 15% frag.	0.7	32	0	32	26
POW95T-103	2145E, 1425N	Sandy silt, Ablation Till, 15%	0.7	29	0	29	24
94T-01	main showing	Mod. Till + ?% frags.	?	10	0	10	
94T-02	2600E, 900S	Mod. Till + ?% frags.	?	9	7	2	
94T-03	2700E, 950S	Mod. Till + ?% frags.	?	2	0	2	
Mean				27.9	5.2	22.6	25.7
Standard				24	15	18	24
Max.				134	121	126	152
Min.				2	0	1	2

* Normalized Totals for gold grains normalized to 10kg sample

** POW95T-086: Located at 100m north of Powell Creek, 1.4km north of POW95T-089.

** POW95T-088: 1.2km east of he Bailey Bridge, on highway 566.

** POW95T-089: On road 23, north of Beaudin Lake.

**POW95T-090: On road 23, north of Beaudin Lake.

** POW95T-091: On road 23, north of Beaudin Lake.

**POW95T-092: Repeat for sample POW95T-061.

** POW95T-094: 2.1km east of the Bailey Bridge, on highway 566.

** POW95T-095: 2.82km east of the Bailey Bridge, on highway 566.

** POW95T-096: 4.3km east of the Bailey Bridge, on highway 566.

** POW95T-097: 7.4km east of the Bailey Bridge, on highway 566.

Mr. S. A. Averill of Overburden Drilling Management Limited completed studies on "Source Fingerprints of Pebbles and Gold Grains" in 14 selected samples (Appendix F-3). His work involved binocular microscope examination of the pebbles and SEM studies of visible gold grains. All of the samples have a significant component of local lithologies and several contain anomalous concentrations of sheared pebbles from specific lithologies.

Sample POW9401, located on line 27E, at 11+65S, is down-ice from the ultramafic rocks initially mapped by Leahy (1992). Approximately 18% of the pebbles in this sample are derived from an ultramafic (talc and serpentine schist) source. SEM studies of the gold grains in this sample found inclusions of iron chlorite, albite and epidote, and one inclusion of talc. The high proportion of ultramafic pebbles and inclusions of altered ultramafic host rocks suggest this sample was derived from a Lighting Zone type source (sheared mafic-ultramafic contact). The pristine condition of the gold grains suggests a proximal source.

Five other samples (POW94-04, 24,25, 26 and 28) from this area were studied by Mr. Averill. Results suggest that more than one shear may be present, probably of the sharply defined brittle type rather than the broad diffuse ductile type. SEM examination of the gold grains found a larger proportion of reshaped gold grains in these samples than was reported from the original binocular microscope classification (Appendix F-3).

Based on these studies, the source of the high number of pristine gold grains found in sample POW9401 is at or near the ultramafic sequence. This may be either near the mafic-ultramafic contact to the north or the ultramafic-sediment contact to the south. As a result of the reclassification of the gold grain condition of the other samples by the SEM work, it in now believed that the source is distal, and possibly off-property (see Map F-2).

Laboratory analyses for gold in the -150 mesh split returned values ranging from below detection limits of 2 ppb to a high of 83 ppb in sample POW95092 (this is a re-sampling of sample pit POW95-061, see Appendix F-2). The mean is 9.6 ppb with a standard deviation of 12. Generally, the higher gold in the -150 mesh correlates with the samples containing higher numbers of gold grains (see Map F-3).

Gold and multi-element analyses were carried out on the non-magnetic heavy mineral fraction for the first 49 samples collected. Gold assays range from below detection limits of 5 ppb to 7780 ppb. When normalized to total sample weight, these range from <1 ppb to 21 ppb. (Appendix F-2)

6.0 CONCLUSIONS

Surficial geology in the project area consists of a variety of glacial sediments including a thin, discontinuous till. In general, the till is <2m thick and is sand and silt supported. The clasts, which form 10% to 50%, are largely angular to sub-angular and locally derived. The dominant glacial direction is south-southeast (160°-170°).

Till sampling programs consisting of 103 samples were carried out in October and November, 1994 and June and July, 1995. Till samples contain a range of 2 to 134 gold grains, and an average of 25.7 grains. Samples anomalous in gold form a series of spot highs within a disrupted train originating beyond the northwest boundary of the property.

Several samples were studied in detail, including pebble counts and gold grain analyses by SEM. The gold in one of the samples (POW9401) is believed to have originated from the ultramafic sequence in contact with the greywacke/siltstone unit at the southeast corner of the project.

7.0 RECOMMENDATIONS

Additional prospecting up ice from sample POW9401 and more till sampling on the rest of the property are recommended.

8.0 REFERENCES

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

Jensen, L. S. 1980. Gold Mineralization in the Kirkland Lake-Larder Lake Areas; in Genesis of Archean Volcanic Hosted Gold Deposits, edited by E.G. Pye & R.G. Roberts. OGS Miscellaneous Paper 97, pp.59-65.

Koziol, M., Faber, A., and Chubb, P., 1996. Cameco Corporation; report on the 1995 Field Exploration Program; Powell Project; Powell, Bannockburn, Baden, and Argyle Townships, Ontario; NTS 41P/15 and 42A/02. Assessment report

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

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

ODM, 1974. Airborne Electromagnetic and Total Intensity Magnetic Survey for Bannockburn Township. Map # 1021.

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

APPENDIX F-1

Overburden Drilling Management
Laboratory Sample Logs

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

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

DATE: 06-Dec-94

ATTENTION: MR. MIKE KOZIOL

CLIENT: CAMECO CORPORATION
1349 KELLY LAKE ROAD
UNIT 6
SUDBURY ONT.
P3E 5P5

FAX 705 523-4571

PROJECT: POW-94-T 01 to 36

FILE NO: CAPO1NOV.WR2

NO. OF SAMPLES: 36

NO. OF PANNINGS: 36

H.M.C.	✓
3/4 H	
-63 MICRON	✓
-125 MICRON	

SENT TO ACME ANALYTICAL LAB.

REMARKS: Finalized data having PPB calculated on actual H.M.C weights. Gold grains removed from samples 1, 9 and 11 and mounted for SEM. work.

Remy Huneault
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

DATA LOG

Clast:

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

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

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

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

(F: Fine, M: Medium, C: Coarse)

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

Colour:
- B: Beige
- GY: Grey
- GB: Grey Beige
- GN: Green
- GG: Grey Green
- BN: Brown
- BK: Black
- PP: Purple
- PK: Pink
- OC: Ochre
- DOC: Dark Ochre
- MOC: Medium Ochre
- LOC: Light Ochre

GOLD LOG

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

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

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

CAPO1NOV.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
POW-94-T									
01	77	1	23	53	13.1	4331	77	1805	2449
02	18	1	16	1	14.2	466	106	359	1
03	29	18	11	0	33.6	4868	4742	125	0
04	7	4	3	0	13.2	101	99	2	0
05	31	4	18	9	16.1	168	41	84	44
06	25	7	10	8	19.9	352	117	215	20
07	24	15	7	2	13.4	817	768	34	15
08	12	7	5	0	13.2	733	720	14	0
09	58	16	9	33	43.1	160	75	4	81
10	38	29	7	2	18.2	877	790	81	5
11	129	108	18	3	63.0	2433	2143	161	129
12	39	19	19	1	33.5	171	144	24	2
13	16	5	6	5	26.5	137	122	5	10
14	18	9	6	3	10.1	179	120	50	9
15	16	16	0	0	27.2	21	21	0	0
16	21	10	7	4	26.3	169	129	23	17
17	26	10	10	6	26.2	60	28	4	28
18	15	15	0	0	33.1	223	223	0	0
19	25	16	6	3	28.5	217	175	38	4
20	31	12	18	1	21.9	107	67	39	1
21	14	11	3	0	20.3	86	82	5	0
22	31	27	4	0	33.2	145	132	13	0
23	14	12	2	0	23.6	352	335	16	0
24	29	24	3	2	14.4	92	58	7	26
25	28	13	12	3	17.5	206	104	69	33
26	17	11	3	3	23.4	45	42	1	2
27	31	24	4	3	21.5	618	462	12	145
28	11	2	9	0	4.8	91	22	69	0
29	7	5	2	0	4.3	126	79	48	0
30	51	31	13	7	67.7	84	39	23	22
31	13	11	2	0	51.3	31	29	2	0
32	34	30	3	1	10.6	674	629	45	0
33	12	9	2	1	9.9	71	54	16	1
34	12	8	2	2	9.3	547	539	3	5
35	24	20	0	4	17.1	222	157	0	65
36	13	13	0	0	82.4	53	53	0	0

CAP01NOV.WR2 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 36

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOUR SD	COLOUR CY	OR	
POW-94-T																					
01	9.9	5.3	4.7	460.9	445.4	15.5	13.1	2.4	C	90	10	0	NA	U	Y	Y	Y	BN	BN	N	TILL
02	10.9	6.4	4.5	330.8	314.8	16.0	14.2	1.8	C	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
03	9.7	2.6	7.1	223.7	184.5	39.2	33.6	5.6	C	95	5	0	NA	U	Y	Y	+	LOC	LOC	N	TILL
04	8.9	1.8	7.1	338.5	323.7	14.8	13.2	1.6	C	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
05	9.3	1.6	7.7	161.2	140.7	20.5	16.1	4.4	C	95	5	0	NA	U	Y	+	Y	OC	OC	N	TILL
06	11.0	3.1	8.0	356.2	330.9	25.3	19.9	5.4	C	90	10	0	NA	U	Y	Y	Y	OC	OC	N	TILL
07	8.5	2.2	6.3	263.1	244.1	19.0	13.4	5.6	C	85	15	0	NA	U	Y	+	Y	LOC	LOC	N	TILL
08	8.9	1.3	7.7	445.8	428.7	17.1	13.2	3.9	C	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
09	10.2	4.6	5.6	565.2	509.6	55.6	43.1	12.5	P	85	15	0	NA	U	+	Y	-	LOC	LOC	N	TILL
10	12.2	3.5	8.7	213.9	191.4	22.4	18.2	4.2	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
11	11.6	3.3	8.3	567.1	474.3	92.8	63.0	29.8	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
12	13.0	1.4	11.7	601.0	558.5	42.5	33.5	9.0	C	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
13	11.1	4.9	6.2	275.0	248.0	27.0	26.5	0.5	C	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
14	12.4	5.8	6.6	220.6	206.1	14.5	10.1	4.4	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
15	9.3	2.1	7.3	428.7	396.7	32.0	27.2	4.8	P	85	15	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
16	12.3	3.5	8.8	363.9	329.7	34.2	26.3	7.9	P	95	5	0	NA	U	Y	Y	Y	OC	OC	N	TILL
17	12.8	4.3	8.5	292.8	258.1	34.7	26.2	8.5	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
18	13.0	4.0	9.1	350.7	306.2	44.5	33.1	11.4	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
19	12.0	3.9	8.2	376.0	339.3	36.7	28.5	8.2	C	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
20	13.3	4.3	9.0	336.3	307.5	28.8	21.9	6.9	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
21	9.5	2.1	7.4	248.2	222.4	25.8	20.3	5.5	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
22	12.6	4.3	8.3	257.5	213.0	44.5	33.2	11.3	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
23	11.4	3.2	8.2	319.4	295.4	24.0	23.6	0.4	P	90	10	0	NA	U	Y	Y	Y	OC	OC	N	TILL
24	8.2	1.1	7.1	586.6	568.5	18.1	14.4	3.7	C	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
25	7.7	2.3	5.5	237.5	214.1	23.4	17.5	5.9	P	95	5	0	NA	U	Y	Y	Y	OC	OC	N	TILL
26	11.8	3.3	8.5	599.8	570.1	29.7	23.4	6.3	C	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
27	11.0	3.0	8.0	419.9	388.7	31.2	21.5	9.7	P	95	5	0	NA	U	Y	Y	Y	OC	OC	N	TILL
28	6.8	2.5	4.3	202.3	196.9	5.4	4.8	0.6	C	100	0	0	NA	U	Y	Y	Y	OC	OC	Y	TILL
29	10.1	1.6	8.5	290.1	285.0	5.1	4.3	0.8	C	95	5	0	NA	U	Y	Y	Y	OC	OC	Y	TILL
30	11.9	0.9	11.0	436.4	350.6	85.8	67.7	18.1	P	60	40	0	NA	U	Y	Y	Y	LOC	LOC	Y	TILL
31	9.7	0.3	9.4	550.9	485.7	65.2	51.3	13.9	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
32	7.1	0.9	6.2	340.9	326.9	14.0	10.6	3.4	P	60	40	0	NA	U	Y	Y	Y	OV	OC	N	TILL
33	10.1	4.2	6.0	314.3	300.2	14.1	9.9	4.2	P	90	10	0	NA	U	Y	Y	Y	OC	OC	N	TILL
34	9.2	4.6	4.6	233.4	220.6	12.8	9.3	3.5	P	85	15	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
35	9.4	3.3	6.1	439.7	416.0	23.7	17.1	6.6	P	85	15	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
36	9.9	0.2	9.8	797.4	697.5	99.9	82.4	17.5	P	80	20	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAP01NOV.WR2 — NUMBER OF GRAINS

TOTAL # OF PANNINGS 36

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW-94-T													
01	Y	5 X 10	2 C					1		1			NO SULPHIDES
		15 X 25	4 C			2		5		7			
		25 X 25	5 C			4	1	9	2	16			PRISTINE VG MAY BE LEACHED FROM
		25 X 50	8 C			3		10		13			CARBONATE GANGUE.
		25 X 75	10 C			1		3		4			
		25 X 100	13 C					1	1	2			VG MOUNTED ON SEM STUB
		25 X 150	18 C					1		1			
		50 X 50	10 C						5	5			
		50 X 75	13 C			1	1	3	1	6			
		50 X 100	15 C				1	1		2			
		50 X 125	18 C			1				1			
		50 X 150	20 C					2		2			
		75 X 75	15 C			1	1			2			
		75 X 100	18 C		1	1		2	1	5			
		75 X 150	22 C					1		1			
		75 X 175	25 C					1		1			
		75 X 200	27 C				1			1			
		100 X 150	25 C				1			1			
		100 X 200	29 C			1				1			
		125 X 125	25 C				1	1		2			
		125 X 150	27 C				1	1		2			
		150 X 200	34 C					1		1			
										77	13.1	4331	
02	Y	15 X 15	3 C				1			1			NO SULPHIDES
		15 X 25	4 C			2		1		3			
		25 X 25	5 C			2				2			VG ISOLATED
		25 X 50	8 C			3				3			
		25 X 75	10 C			2	1			3			
		50 X 50	10 C			1				1			
		50 X 75	13 C			3				3			
		75 X 125	20 C	1						1			
		125 X 125	25 C			1				1			
										18	14.2	466	
03	Y	25 X 25	5 C			2				2			NO SULPHIDES
		25 X 50	8 C	3	1	2				6			
		25 X 75	10 C	1		1				2			VG MOUNTED ON SEM STUB
		25 X 100	13 C			2				2			
		50 X 50	10 C	3		1				4			
		50 X 75	13 C	2		2				4			
		50 X 100	15 C	2						2			
		50 X 150	20 C	1						1			

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAP01NOV.WR2 NUMBER OF GRAINS
TOTAL # OF PANNINGS 36

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW-94-T													
		75 X 75	15 C		1					1			
		75 X 100	18 C	1						1			
		75 X 125	20 C		1					1			
		75 X 150	22 C			1				1			
		125 X 150	27 C	1						1			
		325 X 700	75 M		1					1			
										29	33.6	4868	
04	Y	10 X 10	2 C			1				1			NO SULPHIDES
		15 X 25	4 C			2				2			
		25 X 25	5 C	1						1			VG ISOLATED
		25 X 50	8 C	1						1			
		50 X 50	10 C	1						1			
		75 X 100	18 C	1						1			
										7	13.2	101	
05	Y	10 X 10	2 C			1		1		2			NO SULPHIDES
		15 X 15	3 C	1		4				5			
		15 X 25	4 C			1				1			VG ISOLATED
		25 X 25	5 C					3		3			
		25 X 50	8 C	1		7	2	2	1	13			
		25 X 75	10 C				1		1	2			
		50 X 50	10 C	1		2		1		4			
		50 X 75	13 C	1						1			
										31	16.1	168	
06	Y	10 X 10	2 C					2		2			NO SULPHIDES
		15 X 25	4 C	1		4		2		7			
		25 X 25	5 C			2		1		3			VG ISOLATED
		25 X 50	8 C	2	1	2		2		7			
		25 X 75	10 C	1						1			
		50 X 50	10 C			1		1		2			
		50 X 75	13 C	1						1			
		50 X 150	20 C		1					1			
		50 X 225	27 C			1				1			
										25	19.9	352	
07	Y	10 X 10	2 C			1				1			NO SULPHIDES
		15 X 25	4 C	1		2		1		4			
		25 X 25	5 C	4	2	1	1			8			VG ISOLATED
		25 X 50	8 C	2	2					4			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAPO1NOV.WR2 — NUMBER OF GRAINS

TOTAL # OF PANNINGS 36

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW-94-T													
		25 X 75	10 C	1						1			
		25 X 100	13 C		1					1			
		50 X 50	10 C			2		1		3			
		75 X 125	20 C	1						1			
		150 X 200	34 C		1					1			
										24	13.4	817	
08	Y	25 X 25	5 C	1		4				5			NO SULPHIDES
		25 X 50	8 C	2		1				3			
		25 X 75	10 C	1						1			VG ISOLATED
		50 X 75	13 C	1						1			
		50 X 125	18 C	1						1			
		100 X 250	34 C	1						1			
										12	13.2	733	
09	Y	10 X 10	2 C					1		1			NO SULPHIDES
		15 X 15	3 C		1	2		1	1	5			EST. 0.5% LIMONITE/GOETHITE
		15 X 25	4 C	1		1	1	6	1	10			
		25 X 25	5 C	2	2	3	2	6	2	17			
		25 X 50	8 C	2	1			7	1	11			
		25 X 75	10 C					1		1			
		50 X 50	10 C	2				1	2	5			
		50 X 75	13 C	4				2		6			
		50 X 125	18 C						1	1			
		75 X 100	18 C	1						1			
										58	43.1	160	
10	Y	10 X 10	2 C			1				1			NO SULPHIDES
		15 X 25	4 C			1		1		2			
		25 X 25	5 C	7	2	1				10			
		25 X 50	8 C	4	2	2		1		9			
		25 X 75	10 C	1						1			
		25 X 100	13 C		1					1			
		50 X 50	10 C	3						3			
		50 X 75	13 C	4						4			
		50 X 100	15 C	2		1				3			
		50 X 125	18 C	1						1			
		75 X 75	15 C			1				1			
		75 X 100	18 C	1						1			
		150 X 200	34 C		1					1			
										38	18.2	877	

GOLD CLASSIFICATION
==========

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAPO1NOV.WR2
TOTAL # OF PANNINGS 36

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON %%G GMS	CALC V.G. ASSAY PPB	REMARKS
POW-94-T													
11	Y	15 X 15	3 C	5						5			NO SULPHIDES
		15 X 25	4 C	2	2	2	2	1		9			
		25 X 25	5 C	6	2	2				10			38 VG MOUNTED ON SEM STUB
		25 X 50	8 C	17		1				18			
		25 X 75	10 C	6		2				8			
		25 X 100	13 C	4					1	5			
		25 X 125	15 C	3						3			
		50 X 50	10 C	9		4				13			
		50 X 75	13 C	5	2	1				8			
		50 X 100	15 C	3	3					6			
		50 X 125	18 C	3		1	1			5			
		50 X 150	20 C	2	1					3			
		75 X 75	15 C	2						2			
		75 X 100	18 C	4						4			
		75 X 125	20 C	2						2			
		75 X 150	22 C	4						4			
		75 X 175	25 C	2						2			
		75 X 200	27 C	2						2			
		100 X 100	20 C	2		1				3			
		100 X 125	22 C	1	1					2			
		100 X 150	25 C	2						2			
		100 X 175	27 C		1					1			
		100 X 200	29 C	1	1		1			3			
		125 X 150	27 C	1						1			
		125 X 175	29 C	2						2			
		125 X 200	31 C	1						1			
		125 X 225	34 C	1					1	2			
		175 X 200	36 C	2						2			
		175 X 275	25 M	1						1			
										129	63.0	2433	
12	Y	10 X 10	2 C			2				2			NO SULPHIDES
		15 X 15	3 C	1		3	1			5			
		15 X 25	4 C	4	1	3				8			
		25 X 25	5 C	1		5				6			
		25 X 50	8 C	7		3		1		11			
		25 X 75	10 C	1		2				3			
		50 X 50	10 C		1					1			
		50 X 100	15 C	1						1			
		50 X 125	18 C		1					1			
		100 X 125	22 C	1						1			
										39	33.5	171	

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

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

DATE: 06-Dec-94

ATTENTION: MR. MIKE KOZIOL

CLIENT: CAMECO CORPORATION
1349 KELLY LAKE ROAD
UNIT 6
SUDBURY ONT.
P3E 5P5

FAX 705 523-4571

PROJECT: POW-94-T 037 to 049

FILE NO: CAPO2NOV.WR2

NO. OF SAMPLES: 13

NO. OF PANNINGS: 13

H.M.C.	✓
3/4 H	
-63 MICRON	✓
-125 MICRON	

SENT TO Acme ANALYTICAL LAB.

REMARKS: Finalized data having PPB calculated on actual H.M.C weights. Gold grains removed from samples 38, 41, 45, 46, 48 and 49 and mounted for S.E.M. work.

Rémy Huneault
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

DATA LOG

Clast:

Size of Clast:

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

% Clast Composition:

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

Class:

- BLD: Boulder Chips
- BDK: Bedrock Chips

Matrix:

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

(SD: Sand: F: Fine, M: Medium, C: Coarse)

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

Colour:

- B: Beige
- GY: Grey
- GB: Grey Beige
- GN: Green
- GG: Grey Green
- BN: Brown
- BK: Black
- PP: Purple
- PK: Pink
- OC: Ochre
- DOC: Dark Ochre
- MOC: Medium Ochre
- LOC: Light Ochre

GOLD LOG

Number of Grains:

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

Thickness:

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

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

CAFO2NOV.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
POW-94-T									
037	30	19	8	3	21.3	185	85	13	87
038	91	55	23	13	57.4	254	211	32	10
039	43	40	2	1	37.2	3352	3349	3	1
040	32	19	8	5	53.3	84	69	13	3
041	61	50	2	9	32.2	577	532	37	8
042	21	15	2	4	20.7	319	242	73	5
043	21	15	0	6	22.4	114	109	0	5
044	20	14	1	5	25.3	78	57	15	6
045	66	61	1	4	43.1	967	943	1	24
046	134	13	0	121	6.4	848	293	0	555
047	11	7	0	4	19.2	204	183	0	22
048	10	8	0	2	16.4	76	70	0	6
049	20	16	0	4	16.3	652	636	0	17

CAPOCNOV.WR2 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 13

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET) TABLE SPLIT	+10 CHIPS	TABLE FEED	WEIGHT (GRAMS DRY) TABLE CONC	M.I. LIGHTS	M. I. CONC CONC. TOTAL	NON MAG	MAG	DESCRIPTION CLAST SIZE	CLAST % V/S	GR	LS	OT	MATRIX S/U	SD	ST	CY	COLOUR SD	COLOUR CY	OR	CLASS
POW-94-T																					
037	11.7	3.7	8.0	328.6	302.7	25.9	21.3	4.6	C	85	15	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
038	9.8	2.2	7.6	213.3	139.7	73.6	57.4	16.2	C	80	20	0	NA	U	Y	+	Y	LOC	LOC	N	TILL
039	10.5	2.5	8.1	530.9	484.8	46.1	37.2	8.9	C	75	25	0	NA	U	+	Y	Y	LOC	LOC	N	TILL
040	12.0	2.3	9.8	554.0	491.7	62.3	53.3	9.0	P	85	15	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
041	10.3	1.4	8.9	648.9	607.6	41.3	32.2	9.1	C	80	20	0	NA	U	Y	Y	Y	OC	OC	N	TILL
042	14.4	4.6	9.8	577.3	550.1	27.2	20.7	6.5	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
043	11.1	3.8	7.3	443.2	413.9	29.3	22.4	6.9	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
044	9.2	1.2	8.1	566.1	533.6	32.5	25.3	7.2	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
045	8.0	3.3	4.7	325.0	273.3	51.7	43.1	8.6	P	95	5	0	NA	U	Y	Y	Y	OC	OC	N	TILL
046	8.8	2.3	6.6	250.6	243.7	6.9	6.4	0.5	C	95	5	0	NA	U	Y	+	-	DOC	DOC	N	TILL
047	11.4	4.6	6.8	576.2	547.0	29.2	19.2	10.0	P	85	15	0	NA	U	Y	Y	Y	OC	OC	N	TILL
048	10.4	3.9	6.5	638.6	617.3	21.3	16.4	4.9	P	80	20	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
049	11.1	5.3	5.8	724.9	699.5	25.4	16.3	9.1	P	85	15	0	NA	U	Y	Y	-	LOC	LOC	N	TILL

GOLD CLASSIFICATION
==========
VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAPO2NOV.WK2 NUMBER OF GRAINS
TOTAL # OF PANNINGS 13

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW-94-T													
037	Y	15 X 15	3 C	2	2	3	1			8			NO SULPHIDES
		25 X 25	5 C	3	3	3				9			
		25 X 50	8 C	3	1					4			
		25 X 75	10 C	1		1				2			
		50 X 50	10 C	2				1		3			
		50 X 75	13 C	1	1					2			
		75 X 75	15 C					1		1			
		75 X 100	18 C					1		1			
										30	21.3	185	
038	Y	15 X 15	3 C	4	7		4	2	4	21			NO SULPHIDES
		25 X 25	5 C	7	4	6		2		19			
		25 X 50	8 C	12	8	9		3	1	33			
		25 X 75	10 C	2		1	1	1		5			
		25 X 100	13 C			1				1			
		50 X 50	10 C	4	1	1				6			
		50 X 75	13 C	2						2			
		50 X 100	15 C	1						1			
		75 X 100	18 C	1						1			
		100 X 100	20 C	1						1			
		100 X 200	29 C	1						1			
										91	57.4	254	
039	Y	15 X 15	3 C	9						9			NO SULPHIDES
		15 X 50	7 C	3						3			
		25 X 25	5 C	12	2	1		1		16			
		25 X 50	8 C	7		1				8			
		25 X 75	10 C	1						1			
		50 X 50	10 C	2						2			
		50 X 75	13 C	2						2			
		50 X 100	15 C	1						1			
		350 X 575	76 C	1						1			
										43	37.2	3352	
040	Y	15 X 15	3 C	3		1		2		6			NO SULPHIDES
		15 X 50	7 C			1		1		2			
		25 X 25	5 C	4		3		1		8			
		25 X 50	8 C	7	1	2		1		11			
		50 X 75	13 C	2		1				3			
		50 X 100	15 C	1						1			
		75 X 125	20 C	1						1			

GOLD CLASSIFICATION
==========
VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAMECONOV.WR2 NUMBER OF GRAINS
TOTAL # OF PANNINGS 13

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
CCW-94-T													
										32	53.3	84	
041	Y	10 X 10	2 C	1	1			2		4			NO SULPHIDES
		15 X 15	3 C	4	2			4	1	11			
		25 X 25	5 C	10	2			1		13			
		25 X 50	8 C	10	1					11			
		25 X 75	10 C	1					1	2			
		50 X 50	10 C	3	2		1			6			
		50 X 75	13 C	3	2					5			
		50 X 100	15 C	2						2			
		50 X 125	18 C		1					1			
		75 X 100	18 C		2	1				3			
		75 X 125	20 C	1						1			
		75 X 150	22 C		1					1			
		125 X 175	29 C	1						1			
										61	32.2	577	
042	Y	15 X 15	3 C	2	1		1	3		7			NO SULPHIDES
		25 X 25	5 C	2						2			
		25 X 50	8 C	3				1		4			
		50 X 50	10 C	1	1					2			
		75 X 75	15 C	1	1					2			
		75 X 100	18 C	3						3			
		75 X 125	20 C			1				1			
										21	20.7	319	
043	Y	10 X 10	2 C					2		2			NO SULPHIDES
		15 X 25	4 C	1				2	1	4			
		25 X 25	5 C	2	2					4			
		25 X 50	8 C	5	2			1		8			
		25 X 100	13 C		1					1			
		50 X 75	13 C	1						1			
		75 X 100	18 C	1						1			
										21	22.4	114	
044	Y	15 X 15	3 C	1	1			1		3			NO SULPHIDES
		25 X 25	5 C	6	1			2	1	10			
		25 X 50	8 C	3				1		4			
		50 X 75	13 C	1			1			2			
		75 X 75	15 C	1						1			
										20	25.3	78	

GOLD CLASSIFICATION
==========
VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAPO2NOV.WR2 NUMBER OF GRAINS
TOTAL # OF PANNINGS 13

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW-94-T													
045	Y	15 X 15	3 C	3						3			NO SULPHIDES
		15 X 25	4 C	1						1			
		25 X 25	5 C	2	1	1				4			
		25 X 50	8 C	8	1			1		10			
		25 X 75	10 C	7						7			
		25 X 100	13 C	2						2			
		50 X 50	10 C	8	1			1		10			
		50 X 75	13 C	6	1			1	1	9			
		50 X 100	15 C	4						4			
		50 X 125	18 C	2						2			
		50 X 200	25 C	1						1			
		75 X 75	15 C	5						5			
		75 X 100	18 C	3						3			
		100 X 125	22 C	1						1			
		100 X 200	29 C	1						1			
		125 X 150	27 C	2						2			
		125 X 175	29 C	1						1			
										66	43.1	967	
046	Y	10 X 10	2 C	2	1			21	4	28			NO SULPHIDES
		15 X 15	3 C		4			31	11	46			
		25 X 25	5 C		3			31	4	38			
		25 X 50	8 C	1				14	1	16			
		25 X 75	10 C	1				1		2			
		50 X 50	10 C					2		2			
		50 X 100	15 C					1		1			
		75 X 125	20 C	1						1			
										134	6.4	848	
047	Y	15 X 15	3 C		1			1		2			NO SULPHIDES
		15 X 25	4 C	1						1			
		25 X 25	5 C					1		1			
		25 X 50	8 C	2						2			
		25 X 75	10 C					1		1			
		50 X 50	10 C	1				1		2			
		50 X 125	18 C	1						1			
		100 X 125	22 C	1						1			
										11	19.2	204	
048	Y	15 X 15	3 C	1						1			NO SULPHIDES
		15 X 25	4 C	1						1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAP02NOV.WR2 NUMBER OF GRAINS

TOTAL # OF PANNINGS 13

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW-94-T													
		25 X 25	5 C	1				1		2			
		25 X 50	8 C	2				1		3			
		25 X 75	10 C	1						1			
		50 X 75	13 C	2						2			
										10	16.4	76	
049	Y	15 X 25	4 C	2						2			NO SULPHIDES
		25 X 25	5 C	3	1			1		5			
		25 X 50	8 C		4			2	1	7			
		25 X 125	15 C	1						1			
		25 X 200	22 C	1						1			
		50 X 50	10 C		1					1			
		50 X 125	18 C	2						2			
		125 X 175	29 C		1					1			
										20	16.3	652	

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

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

DATE: 02-Aug-95

ATTENTION: B. Cooper, M. Koziol, D. Panagapko

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

FAX: (705) 523-4571

PROJECT: POW series

FILE NO: CAM_POW.WR1

NO. OF SAMPLES: 54

NO. OF PANNINGS: 43

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

REMARKS: _____

_____

_____

Rémy Huneault
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED - LABORATORY SAMPLE LOG

ABBREVIATIONS

DATA LOG

Clast:

Size of Clast:

- G: Granules
- P: Pebbles
- C: Cobbles

=========

Pristine

12
3
0
2
51

- TR: Only Trace Present
- NA: NOT APPLICABLE
- OX: Oxidized

Class:

- BLD: Boulder Chips
- BDK: Bedrock Chips

Matrix:

- S/U: Sorted or Unsorted
- SD: Sand ---------- F: Fine
- ST: Silt | M: Medium
- CY: Clay | C: Coarse
- OR: Organics

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

Colour:

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

GOLD LOG

Number of Grains:

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

Thickness:

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

Remarks:

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

CAN_POW.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 54

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET) TABLE SPLIT	+10 CHIPS	TABLE FEED	WEIGHT (GRAMS DRY) TABLE CONC	M. I. CONC M.I. LIGHTS	CONC. TOTAL	MOM MAG	MAG	CLAST SIZE	CLAST % V/S	CLAST % GR	CLAST % LS	CLAST % OT	MATRIX S/U	MATRIX SD	MATRIX ST	MATRIX CY	MATRIX COLOUR SD	MATRIX COLOUR CY	MATRIX OR	CLASS
POW 95T																					
50	13.1	4.3	8.8	325.2	301.7	23.5	15.9	7.6	P	90	10	0	NA	U	Y	Y	Y	GB	LOC	N	TILL
51	11.2	3.2	8.1	281.9	252.9	29.0	20.1	8.9	P	85	15	0	TR	GT Y	Y	+	Y	OC	OC	-Y	TILL
52	12.2	4.6	7.7	332.9	286.1	46.8	35.6	11.2	C	70	30	0	TR	GTZ U	Y	Y	Y	LOC	LOC		TILL
53	13.2	4.2	9.1	312.2	284.9	27.3	20.4	6.9	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	Y	TILL
54	14.2	4.0	10.2	494.5	438.4	56.1	41.6	14.5	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	Y	TILL
55	15.5	3.4	12.1	448.7	361.2	87.5	68.3	19.2	P	70	30	0	TR	GT Y	Y	Y	Y	LOC	LOC	Y	TILL
56	12.8	2.9	9.9	400.6	355.4	45.2	36.5	8.7	P	70	30	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
57	11.4	2.1	9.3	432.0	389.1	42.9	30.2	12.7	P	70	30	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
58	11.9	2.7	9.2	292.1	254.9	37.2	27.6	9.6	P	70	30	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
59	12.2	4.2	8.1	236.9	211.9	25.0	18.4	6.6	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
60	12.0	2.6	9.4	391.1	360.4	30.7	23.3	7.4	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
61	11.9	6.3	5.6	316.1	264.8	51.3	37.2	14.1	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
62	10.6	2.3	8.4	407.4	372.9	34.5	27.0	7.5	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
63	13.6	3.3	10.3	523.9	483.4	40.5	28.2	12.3	P	80	20	0	NA	U	Y	Y	Y	LOC	LOC		TILL
64	12.2	3.3	8.9	299.4	254.0	45.4	38.7	6.7	C	100	TR	0	NA	U	Y	Y	Y	LOC	LOC		TILL
65	14.0	4.6	9.4	399.7	371.8	27.9	20.0	7.9	C	90	10	0	NA	U	Y	Y	Y	LOC	LOC		TILL
66	11.7	5.0	6.7	404.7	368.7	36.0	24.4	11.6	C	95	5	0	NA	U	Y	Y	Y	LOC	LOC		TILL
67	12.1	3.3	8.8	683.2	647.2	36.0	8.5	27.5	C	100	TR	0	NA	U	Y	Y	-	B	B		TILL
68	12.8	3.6	9.3	250.6	210.7	39.9	25.6	14.3	P	80	20	0	NA	U	+	Y	Y	MOC	MOC		TILL
69	12.4	3.8	8.7	243.2	224.9	18.3	13.3	5.0	C	95	5	0	NA	U	Y	Y	Y	MOC	MOC		TILL
70	11.0	1.7	9.3	335.4	315.0	20.4	16.8	3.6	C	90	10	0	NA	U	Y	+	Y	MOC	MOC		TILL
71	12.2	5.6	6.6	621.4	595.3	26.1	14.9	11.2	C	90	10	0	NA	U	Y	Y	-	OC	OC		TILL
72	13.7	2.8	10.9	489.7	446.0	43.7	32.5	11.2	P	70	30	0	NA	U	Y	Y	Y	MOC	MOC		TILL
73	13.8	2.9	11.0	464.5	428.7	35.8	23.8	12.0	P	90	10	0	NA	U	Y	Y	Y	MOC	MOC		TILL
74	11.8	2.5	9.3	294.9	271.2	23.7	19.7	4.0	C	100	TR	0	NA	U	Y	+	Y	OC	OC		TILL
75	14.9	8.1	6.8	322.5	291.6	30.9	21.5	9.4	P	90	10	0	NA	U	Y	Y	-	LOC	LOC		TILL
76	12.5	4.1	8.4	383.4	333.5	49.9	37.5	12.4	P	95	5	0	NA	U	Y	Y	Y	LOC	LOC		TILL
77	9.0	1.5	7.5	194.8	153.7	41.1	32.5	8.6	P	85	15	0	NA	U	Y	Y	-	LOC	LOC		TILL
78	12.0	6.4	5.6	532.3	505.9	26.4	17.7	8.7	C	80	20	0	NA	U	Y	Y	-	MOC	MOC		TILL
79	12.5	2.3	10.2	375.7	318.7	57.0	44.3	12.7	P	75	25	0	NA	U	Y	Y	Y	LOC	LOC		TILL
80	13.7	1.7	12.0	665.7	613.4	52.3	40.5	11.8	P	85	15	0	NA	U	Y	Y	-	LOC	LOC		TILL
81	14.3	1.9	12.4	343.4	287.3	56.1	40.8	15.3	C	80	20	0	NA	U	Y	Y	Y	LOC	LOC		TILL
82	12.9	3.0	10.0	647.8	617.8	30.0	22.8	7.2	P	70	30	0	NA	U	Y	Y	-	LOC	LOC		TILL
83	14.1	3.3	10.8	256.2	195.6	60.6	46.1	14.5	P	70	30	0	NA	U	Y	Y	Y	BN	BN		TILL
84	15.2	3.8	11.4	456.5	422.1	34.4	24.6	9.8	C	85	15	0	NA	U	Y	+	Y	LOC	LOC		TILL
85	9.8	1.2	8.6	289.8	246.9	42.9	32.3	10.6	C	85	15	0	NA	U	Y	+	Y	LOC	LOC		TILL
86	12.4	2.6	9.8	282.0	238.0	44.0	33.7	10.3	P	70	30	0	NA	U	Y	Y	Y	LOC	LOC		TILL
87	12.1	5.6	6.5	222.8	162.1	60.7	42.4	18.3	C	85	15	0	NA	U	+	Y	Y	DOC	DOC		TILL
88	12.1	4.5	7.7	238.8	185.4	53.4	43.0	10.4	C	90	10	0	NA	U	Y	Y	Y	LOC	LOC		TILL
89	12.6	2.9	9.8	297.7	253.4	44.3	41.6	2.7	P	60	40	0	NA	U	Y	Y	Y	MOC	MOC		TILL
90	12.3	4.3	8.1	320.3	274.3	46.0	34.6	11.4	P	60	40	0	NA	U	Y	Y	Y	LOC	LOC		TILL
91	11.2	3.4	7.8	607.9	558.6	49.3	37.5	11.8	P	70	30	0	NA	U	Y	Y	Y	LOC	LOC		TILL
92	12.3	6.4	6.0	570.8	516.1	54.7	38.9	15.8	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC		TILL

CAM_POW.WR1 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 54

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET) TABLE SPLIT	+10 CHIPS	TABLE FEED	WEIGHT (GRAMS DRY) TABLE CONC	M.I. LIGHTS	N. I. CONC CONC. TOTAL	NON MAG	MAG	DESCRIPTION CLAST SIZE	CLAST % V/S	CLAST % GR	CLAST % LS	CLAST % OT	MATRIX S/U	MATRIX SD	MATRIX ST	MATRIX CY	MATRIX COLOUR SD	MATRIX COLOUR CY	OR	CLASS
POW 95T																					
93	13.7	2.6	11.1	549.0	498.6	50.4	39.8	10.6	P	65	35	0	NA	U	Y	Y	Y	LOC	LOC		TILL
94	13.0	4.0	9.0	391.4	335.5	55.9	41.4	14.5	P	90	10	0	NA	U	Y	Y	Y	LOC	LOC		TILL
95	12.2	5.7	6.6	690.6	649.2	41.4	29.6	11.8	C	95	5	0	NA	U	Y	Y	Y	LOC	LOC		TILL
96	10.3	5.8	4.5	218.8	196.0	22.8	14.4	8.4	P	10	90	0	NA	U	+	Y	Y	LOC	LOC		TILL
97	11.4	6.3	5.1	288.6	251.6	37.0	22.1	14.9	C	90	10	0	NA	U	Y	Y	Y	GB	LOC		TILL
98	13.3	2.5	10.8	338.5	311.8	26.7	20.1	6.6	C	50	50	0	NA	U	Y	+	Y	LOC	LOC		TILL
99	12.3	4.8	7.5	278.0	254.5	23.5	16.1	7.4	C	60	40	0	NA	U	Y	+	Y	DOC	DOC		TILL
100	12.3	2.7	9.6	285.3	241.5	43.8	35.5	8.3	C	60	40	0	NA	U	Y	+	Y	B	B		TILL
101	13.1	4.0	9.2	332.5	266.6	65.9	49.4	16.5	C	60	40	0	NA	U	Y	+	Y	B	B		TILL
102	12.4	2.7	9.7	269.5	201.4	68.1	51.7	16.4	C	55	45	0	NA	U	Y	+	Y	B	B		TILL
103	11.9	2.7	9.2	268.7	215.8	52.9	38.9	14.0	C	60	40	0	NA	U	Y	+	Y	B	B		TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

CAM_POW.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
POW 95T									
50	9	9	0	0	15.9	25	25	0	0
51	46	33	4	9	20.1	2178	1493	278	407
52	27	26	0	1	35.6	6989	6989	0	0
53	37	22	7	8	20.4	374	356	16	2
54	41	31	4	6	41.6	101	87	5	10
55	31	22	4	5	68.3	872	869	2	0
56	9	7	2	0	36.5	32	22	11	0
57	12	7	3	2	30.2	65	21	10	34
58	17	13	0	4	27.6	365	350	0	15
59	8	5	3	0	18.4	54	38	16	0
60	12	6	5	1	23.3	626	602	24	0
61	108	45	1	62	37.2	3303	3078	0	225
62	21	20	0	1	27.0	161	82	0	79
63	63	54	7	2	28.2	241	234	5	3
64	67	56	9	2	38.7	1708	1419	278	11
65	22	15	3	4	20.0	69	55	3	11
66	9	8	0	1	24.4	2078	2075	0	3
67	2	2	0	0	8.5	19	19	0	0
68	52	46	4	2	25.6	2068	1954	113	1
69	16	13	3	0	13.3	35	30	5	0
70	35	30	4	1	16.8	197	194	2	0
71	11	10	0	1	14.9	356	355	0	1
72	25	19	2	4	32.5	739	678	50	10
73	68	50	11	7	23.8	156	108	30	19
74	47	44	1	2	19.7	1488	1480	1	8
75	18	13	3	2	21.5	2021	1962	11	48
76	28	21	7	0	37.5	140	120	21	0
77	10	8	1	1	32.5	81	56	6	20
78	18	17	0	1	17.7	430	425	0	5
79	29	27	2	0	44.3	91	90	1	0
80	7	6	1	0	40.5	30	30	0	0
81	23	23	0	0	40.8	116	116	0	0
82	3	3	0	0	22.8	36	36	0	0
83	5	5	0	0	46.1	70	70	0	0
84	27	22	4	1	24.6	116	111	5	0
85	41	31	6	4	32.3	2378	2360	14	4
86	5	5	0	0	33.7	24	24	0	0
87	24	19	2	3	42.4	157	154	1	2
88	15	14	0	1	43.0	71	70	0	0
89	21	17	2	2	41.6	47	40	0	7
90	32	23	6	3	34.6	216	122	91	3
91	47	16	0	31	37.5	282	213	0	68
92	112	49	5	58	38.9	261	156	4	101
93	21	16	3	2	39.8	68	65	2	1
94	2	2	0	0	41.4	3	3	0	0
95	17	12	1	4	29.6	1143	1104	13	26

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

CAM_POW.WR1

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
POW 95T									
96	9	7	0	2	14.4	68	64	0	4
97	456	209	131	116	22.1	1329	682	334	313
98	3	2	1	0	20.1	34	33	1	0
99	4	4	0	0	16.1	48	48	0	0
100	14	9	4	1	35.5	79	70	6	2
101	44	27	16	1	49.4	205	176	29	0
102	32	27	5	0	51.7	174	165	9	0
103	29	24	5	0	38.9	226	222	5	0

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW 95T													
50	N	25 X 25	5 C	6						6			
		25 X 50	8 C	3						3			
										9	25.1	16	
51	Y	10 X 10	2 C	9		1		3		13			
		15 X 15	3 C	6		1		3	1	11			
		15 X 50	7 C	3						3			
		256 X 25	28 C	5	2	1		1	1	10			
		25 X 50	8 C	3	1					4			
		50 X 50	10 C	3						3			
		50 X 75	13 C	1						1			
		75 X 125	20 C				1			1			
										46	23.0	1903	
52	Y	15 X 15	3 C	8				1		9			No sulphides.
		15 X 25	4 C	8						8			
		25 X 25	5 C	2						2			
		25 X 50	8 C	2						2			
		50 X 50	10 C		1					1			
		50 X 75	13 C	2						2			
		50 X 100	15 C	1	1					2			
		400 X 625	125 M		1					1			
										27	35.6	6989	
53	Y	10 X 10	2 C	1				3	2	6			No sulphides.
		15 X 15	3 C	7		3	1		2	13			
		15 X 50	7 C	3						3			
		25 X 25	5 C	3			1	1		5			
		25 X 50	8 C	4		1				5			
		50 X 50	10 C			1				1			
		50 X 100	15 C	1						1			
		75 X 100	18 C	1						1			
		75 X 175	25 C	1						1			
		100 X 125	22 C	1						1			
										37	25.9	295	
54	Y	10 X 10	2 C	4				1		5			No sulphides.
		15 X 15	3 C	5	1	1		3		10			
		15 X 50	7 C	2						2			
		25 X 25	5 C	4		1		1		6			
		25 X 50	8 C	6	1	2				9			

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1 NUMBER OF GRAINS
TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW SET													
		25 X 75	10 C	1						1			
		25 X 100	13 C	1						1			
		50 X 50	10 C	3						3			
		50 X 75	13 C	1				1		2			
		50 X 100	15 C	1	1					2			
										41	29.1	145	
55	Y	10 X 10	2 C	1				2		3			No sulphides.
		15 X 15	3 C			1		2		3			
		15 X 25	4 C	2				1		3			
		15 X 50	7 C			1				1			
		25 X 25	5 C	4	2	1				7			
		25 X 50	8 C	4	1		1			6			
		25 X 75	10 C	1						1			
		25 X 100	13 C	1						1			
		50 X 50	10 C	1						1			
		50 X 75	13 C	1						1			
		75 X 100	18 C	1						1			
		75 X 125	20 C	1						1			
		125 X 250	36 C	1						1			
		225 X 425	58 C	1						1			
										31	34.4	1730	
56	N	25 X 25	5 C	3						3			Sample from same site collected in
		25 X 50	8 C	2						2			1994 contained ~150 gold grains.
		25 X 75	10 C			1				1			
		50 X 50	10 C	1		1				2			
		50 X 75	13 C	1						1			
										9	28.3	42	
57	Y	25 X 25	5 C	3			1	1		5			No sulphides.
		25 X 50	8 C	2		1				3			
		25 X 75	10 C				1			1			
		50 X 50	10 C	2						2			
		75 X 100	18 C					1		1			
										12	26.6	74	
58	Y	10 X 10	2 C	2				1		3			No sulphides.
		15 X 15	3 C	4				1		5			
		15 X 25	4 C	1						1			
		25 X 25	5 C	1	1			1		3			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW 95T													
		25 X 50	8 C	1						1			
		50 X 75	13 C	1				1		2			
		100 X 150	25 C	1						1			
		125 X 200	31 C	1						1			
										17	26.3	383	
59	N	25 X 25	5 C	2		1				3			
		25 X 50	8 C	1		1				2			
		25 X 75	10 C	1		1				2			
		50 X 75	13 C	1						1			
										8	23.0	43	
60	Y	15 X 15	3 C			1		1		2			No sulphides.
		15 X 25	4 C	2		1				3			
		15 X 75	9 C	1						1			
		25 X 50	8 C	1		2				3			
		25 X 75	10 C	1						1			
		25 X 100	13 C			1				1			
		175 X 250	40 C	1						1			
										12	26.9	543	
61	Y	10 X 10	2 C	1				3	1	5			No sulphides.
		15 X 15	3 C	1	2			1	4	8			Note: there is evidence that the
		15 X 25	4 C	1		1		3	2	7			pristine gold has leached in situ
		15 X 50	7 C	2				1	1	4			from clast(s), i.e. many of the
		15 X 75	9 C	1				3		4			grains have a red (clay?) coating.
		25 X 25	5 C	3	3			14	2	22			
		25 X 50	8 C	10	1			6	4	21			
		25 X 75	10 C	3	2			4	1	10			
		25 X 100	13 C					1		1			
		25 X 125	15 C					1		1			
		50 X 50	10 C	3				3	1	7			
		50 X 75	13 C	4				1	2	7			
		50 X 100	15 C					1		1			
		50 X 125	18 C	1						1			
		75 X 75	15 C	2						2			
		75 X 100	18 C	1				2		3			
		75 X 425	46 C	1						1			
		75 X 150	22 C	1						1			
		75 X 200	27 C	1						1			
		275 X 375	100 M	1						1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW 95T													
										108	16.0	7679	
62	Y	15 X 15	3 C	3	1					4			No sulphides.
		15 X 25	4 C	5						5			
		25 X 25	5 C	3						3			
		25 X 50	8 C	5	2					7			
		50 X 175	22 C					1		1			
		75 X 125	20 C	1						1			
										21	23.9	182	
63	Y	10 X 10	2 C	4		2		1		7			No sulphides.
		15 X 15	3 C	9		1	1			11			
		15 X 25	4 C	8	1	1				10			
		15 X 75	9 C	1						1			
		25 X 25	5 C	10	2	1				13			
		25 X 50	8 C	7		1			1	9			
		25 X 75	10 C	1	1					2			
		50 X 50	10 C	4						4			
		50 X 75	13 C	3						3			
		75 X 75	15 C	1						1			
		75 X 100	18 C	1						1			
		75 X 125	20 C	1						1			
										63	28.2	241	
64	Y	15 X 50	7 C				1		1	2			No sulphides.
		25 X 25	5 C	1	2		1			4			
		25 X 50	8 C	4	4		1			9			
		25 X 75	10 C		5					5			
		25 X 125	15 C	1						1			
		50 X 50	10 C	3	2	1				6			
		50 X 75	13 C	5	3		1		1	12			
		50 X 100	15 C	1	2					3			
		75 X 75	15 C	3	1	1	1			6			
		75 X 100	18 C	5	2					7			
		75 X 125	20 C	1	1					2			
		75 X 150	22 C	1	2					3			
		75 X 175	25 C	1						1			
		75 X 200	27 C				1			1			
		100 X 125	22 C		2					2			
		100 X 200	29 C			1				1			
		125 X 200	31 C	1						1			
		150 X 275	40 C	1						1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC v.G. ASSAY PPB	REMARKS
POW 95T													
										67	38.7	1708	
65	Y	10 X 10	2 C	2				1		3			No sulphides.
		15 X 15	3 C	3	1	1	1			6			
		15 X 50	7 C			1		1		2			
		25 X 25	5 C	3						3			
		25 X 50	8 C	3				2		6			
		25 X 75	10 C		1					1			
		50 X 50	10 C	1						1			
		50 X 75	13 C	1						1			
										22	20.0	69	
66	Y	10 X 25	4 C	1						1			No sulphides.
		15 X 15	3 C	1						1			
		25 X 50	8 C	1				1		2			
		50 X 75	13 C	1	1					2			
		75 X 100	18 C	1						1			
		100 X 225	31 C	1						1			
		225 X 325	75 M		1					1			
										9	24.4	2078	
67	N	25 X 50	8 C	2						2			
										2	8.5	19	
68	Y	15 X 15	3 C	3	1			1		5			No sulphides.
		15 X 50	7 C	1						1			
		25 X 25	5 C	6	1				1	8			
		25 X 50	8 C	4						4			
		25 X 75	10 C		1					1			
		50 X 50	10 C	3	2	2				7			
		50 X 75	13 C	3	3					6			
		50 X 100	15 C		1					1			
		50 X 125	18 C		1					1			
		75 X 75	15 C		2					2			
		75 X 100	18 C	1	3	1				5			
		75 X 125	20 C	3	1					4			
		100 X 100	20 C			1				1			
		100 X 125	22 C		2					2			
		100 X 150	25 C		1					1			
		125 X 125	25 C		1					1			
		175 X 200	36 C	1						1			
		200 X 225	40 C	1						1			

GOLD CLASSIFICATION

..SIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WK1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON AVG GMS	CALC V.G. ASSAY PPB	REMARKS
POW 95T													
										52	25.6	2068	
69	Y	10 X 10	2 C	2		1				3			No sulphides.
		15 X 15	3 C	3						3			
		15 X 25	4 C	1		1				2			
		15 X 50	7 C		1	1				2			
		25 X 25	5 C	2	1					3			
		25 X 50	8 C	2	1					3			
										16	13.3	35	
70	Y	10 X 10	2 C	4		1				5			No sulphides.
		15 X 15	3 C	9		2		1		12			
		15 X 25	4 C	8						8			
		25 X 25	5 C	2		1				3			
		25 X 50	8 C	2						2			
		50 X 50	10 C	1	1					2			
		50 X 75	13 C	1						1			
		50 X 100	15 C	1						1			
		75 X 125	20 C	1						1			
										35	16.8	197	
71	Y	15 X 15	3 C		1					1			No sulphides.
		15 X 25	4 C					1		1			
		25 X 50	8 C	3	1					4			
		25 X 75	10 C	1						1			
		50 X 50	10 C	1						1			
		50 X 75	13 C		2					2			
		125 X 150	27 C	1						1			
										11	14.9	356	
72	Y	15 X 75	9 C	2		1				3			No sulphides.
		25 X 25	5 C	4				2		6			
		25 X 50	8 C	5				1		6			
		25 X 75	10 C	1				1		2			
		50 X 75	13 C	1						1			
		50 X 100	15 C	1						1			
		75 X 75	15 C		1					1			
		75 X 125	20 C				1			1			
		75 X 150	22 C	1						1			
		100 X 150	25 C	1						1			
		100 X 200	29 C	1						1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW 95T													
		125 X 250	36 C	1						1			
										25	32.5	739	
73	Y	10 X 10	2 C	2	1	1				4			No sulphides.
		15 X 15	3 C	9	9	3	1	1	1	24			
		15 X 25	4 C	3	3					6			
		15 X 50	7 C	2	1	1			1	5			
		25 X 25	5 C	5	4	2	1	1		13			
		25 X 50	8 C	4	1			1	1	7			
		25 X 75	10 C	2	1	1		1		5			
		50 X 50	10 C		2					2			
		50 X 75	13 C				1			1			
		50 X 100	15 C		1					1			
										68	23.8	156	
74	Y	15 X 15	3 C	6	1					7			No sulphides.
		15 X 25	4 C	3		1				4			
		25 X 25	5 C	3	4					7			
		25 X 50	8 C	7	2			2		11			
		25 X 75	10 C	2	1					3			
		25 X 100	13 C	2						2			
		50 X 50	10 C	1						1			
		50 X 75	13 C	3						3			
		50 X 100	15 C	1						1			
		50 X 125	18 C	1						1			
		50 X 150	20 C	1						1			
		50 X 225	27 C	1						1			
		75 X 75	15 C		1					1			
		75 X 125	20 C	1						1			
		100 X 125	22 C	1						1			
		100 X 150	25 C	1						1			
		175 X 225	38 C		1					1			
										47	19.7	1488	
75	Y	15 X 25	4 C	3		1		1		5			No sulphides.
		25 X 25	5 C	2		1				3			
		25 X 50	8 C	3						3			
		25 X 75	10 C			1				1			
		50 X 50	10 C	3						3			
		50 X 75	13 C	1						1			
		50 X 125	18 C						1	1			
		275 X 350	56 C		1					1			

GOLD CLASSIFICATION

..SIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WK1

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
TOTAL # OF PANNINGS 43													
POW 95T													
										18	21.5	2021	
76	Y	15 X 15	3 C			1				1			No sulphides.
		15 X 25	4 C	2		1				3			
		25 X 25	5 C	10		1				11			
		25 X 50	8 C	4		2				6			
		25 X 75	10 C	2						2			
		50 X 50	10 C				1			1			
		50 X 75	13 C	1		1				2			
		75 X 100	18 C	1						1			
		100 X 125	22 C		1					1			
										28	37.5	140	
77	Y	15 X 15	3 C		1					1			No sulphides.
		25 X 25	5 C	1						1			
		25 X 75	10 C	1						1			
		50 X 50	10 C	2	1	1				4			
		50 X 75	13 C		1					1			
		50 X 100	15 C	1				1		2			
										10	32.5	81	
78	Y	10 X 10	2 C	2						2			No sulphides.
		15 X 15	3 C	1						1			
		25 X 25	5 C	3	2					5			
		25 X 50	8 C	2	3			1		6			
		50 X 50	10 C	2						2			
		50 X 75	13 C	1						1			
		125 X 200	31 C		1					1			
										18	17.7	430	
79	Y	10 X 10	2 C	1						1			No sulphides.
		15 X 15	3 C	5						5			
		25 X 25	5 C	7		2				9			
		25 X 50	8 C	5						5			
		50 X 50	10 C	4	1					5			
		50 X 75	13 C	2						2			
		50 X 100	15 C	1						1			
		75 X 100	18 C		1					1			
										29	44.3	91	

GOLD CLASSIFICATION

.SIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON AVG GMS	CALC V.G. ASSAY PPB	REMARKS
POW SET													
80	N	15 X 15	3 C			1				1			
		25 X 25	5 C	2						2			
		25 X 50	8 C	2						2			
		50 X 75	13 C	1						1			
		50 X 100	15 C	1						1			
										7	40.5	30	
81	Y	15 X 15	3 C	3	2					5			No sulphides.
		25 X 25	5 C	4	2					6			
		25 X 50	8 C	6	1					7			
		25 X 75	10 C	1						1			
		50 X 75	13 C	1						1			
		50 X 100	15 C	1						1			
		75 X 75	15 C	1						1			
		100 X 125	22 C	1						1			
										23	40.8	116	
82	N	25 X 50	8 C	1						1			
		50 X 75	13 C	2						2			
										3	22.8	36	
83	N	15 X 50	7 C	1						1			
		25 X 25	5 C	1						1			
		25 X 50	8 C	1						1			
		25 X 75	10 C	1						1			
		100 X 150	25 C	1						1			
										5	46.1	70	
84	Y	10 X 10	2 C			1				1			No sulphides.
		15 X 15	3 C	4	1	1		1		7			
		15 X 25	4 C	3						3			
		25 X 25	5 C	3	2	1				6			
		25 X 50	8 C	5	1	1				7			
		25 X 75	10 C	1						1			
		50 X 75	13 C		1					1			
		75 X 125	20 C	1						1			
										27	24.6	116	
85	Y	10 X 10	2 C	1						1			No sulphides.
		15 X 15	3 C	3		1				4			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW 95T													
		15 X 25	4 C	3		1		3		7			
		15 X 50	7 C	2						2			
		25 X 25	5 C	5		1	1			7			
		25 X 50	8 C	4				1		5			
		25 X 75	10 C	2	1					3			
		50 X 50	10 C	2		1	1			4			
		50 X 75	13 C		1					1			
		50 X 100	15 C	1	1					2			
		50 X 150	20 C		1					1			
		75 X 100	18 C		1					1			
		75 X 125	20 C		1					1			
		100 X 100	20 C	1						1			
		250 X 350	100 M		1					1			
										41	32.3	2378	
86	N	25 X 25	5 C	3						3			
		25 X 100	13 C	1						1			
		50 X 75	13 C	1						1			
										5	33.7	24	
87	Y	15 X 15	3 C	2				2		4			No sulphides.
		15 X 25	4 C	1		2				3			
		25 X 25	5 C	3	2					5			
		25 X 50	8 C	3				1		4			
		25 X 75	10 C		1					1			
		50 X 50	10 C	1						1			
		50 X 75	13 C		3					3			
		75 X 100	18 C		1					1			
		75 X 125	20 C	1						1			
		100 X 125	22 C		1					1			
										24	42.4	157	
88	Y	10 X 10	2 C	2						2			No sulphides.
		15 X 15	3 C	2						2			
		15 X 25	4 C	1				1		2			
		25 X 50	8 C	6						6			
		50 X 75	13 C	1						1			
		50 X 100	15 C	1						1			
		100 X 100	20 C		1					1			
										15	43.0	71	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC v.G. ASSAY PPB	REMARKS
POW 95T													
89	Y	10 X 10	2 C	1						1			No sulphides.
		15 X 15	3 C	3		1				4			
		15 X 25	4 C		1	1				2			
		25 X 25	5 C	3	1					4			
		25 X 50	8 C	2	2				1	5			
		25 X 75	10 C		1					1			
		50 X 50	10 C		2				1	3			
		50 X 100	15 C		1					1			
										21	41.6	47	
90	Y	5 X 10	2 C	1						1			No sulphides.
		15 X 15	3 C	2	1	2		1		6			
		15 X 25	4 C	2	3	1				6			
		25 X 25	5 C	3	1	1		1		6			
		25 X 50	8 C	3	1				1	5			
		25 X 75	10 C	2	1	1				4			
		25 X 125	15 C		1					1			
		50 X 75	13 C		1					1			
		50 X 175	22 C		1					1			
		100 X 150	25 C				1			1			
										32	34.6	216	
91	Y	10 X 10	2 C					2		2			No sulphides.
		15 X 15	3 C	1				3		4			
		15 X 25	4 C		1			3		4			
		25 X 25	5 C		1			12		13			
		25 X 50	8 C	6				3	1	10			
		25 X 75	10 C	1				1	1	3			
		50 X 50	10 C	1				1	1	3			
		50 X 75	13 C	2				3		5			
		50 X 150	20 C		1					1			
		75 X 100	18 C	1						1			
		100 X 175	27 C	1						1			
										47	37.5	282	
92	Y	10 X 10	2 C					1		1			No sulphides.
		15 X 15	3 C	7	1			7	1	16			
		15 X 25	4 C	4	1		1	10	3	19			
		15 X 50	7 C	1	1					2			
		25 X 25	5 C	8	1	2	1	14	3	29			
		25 X 50	8 C	12	3	1		6	6	28			
		25 X 75	10 C	1	2			3		6			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	MLN MAG GMS	CALC v.G. ASSAY PPB	REMARKS
POW 95T													
		50 X 50	10 C	1						1			
		50 X 75	13 C	4				3		7			
		50 X 100	15 C	1				1		2			
		75 X 125	20 C	1						1			
										112	38.9	261	
93	Y	15 X 15	3 C			1		1		2			No sulphides.
		15 X 25	4 C			1				1			
		15 X 50	7 C			1				1			
		25 X 25	5 C	1	1			1		3			
		25 X 50	8 C	5	2					7			
		25 X 75	10 C	2						2			
		50 X 50	10 C	2	1					3			
		50 X 75	13 C	1						1			
		50 X 100	15 C	1						1			
										21	39.8	68	
94	N	25 X 25	5 C	1						1			
		25 X 50	8 C	1						1			
										2	41.4	3	
95	Y	15 X 15	3 C	1				1		2			No sulphides.
		15 X 25	4 C	2						2			
		25 X 25	5 C	2	1			1		4			
		25 X 75	10 C	3						3			
		25 X 100	13 C					1		1			
		50 X 75	13 C		1	1		1		3			
		75 X 75	15 C	1						1			
		275 X 300	50 M		1					1			
										17	29.6	1143	
96	Y	15 X 15	3 C					1		1			No sulphides.
		15 X 25	4 C	2	1					3			
		15 X 50	7 C					1		1			
		25 X 25	5 C	2						2			
		25 X 75	10 C	1						1			
		75 X 75	15 C	1						1			
										9	14.4	68	
97	Y	10 X 10	2 C	8	2	10	2	9	8	39			No sulphides. Note: this gold

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_PGM.WK1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NGN %#6 GMS	CALC V.G. ASSAY PPB	REMARKS
POW 95T													
		10 X 15	3 C	5		3				8			population has abundant examples
		10 X 25	4 C					1	3	4			of grains which are 1/2 pristine
		15 X 15	3 C	34	6	15	8	2	14	79			1/2 reshaped indicative of a
		15 X 25	4 C	35	4	20	10	11	5	85			leached clast population. The
		15 X 50	7 C	1	1	1		2		5			small grain size makes morphology
		15 X 75	9 C	1				3		4			determination difficult, hence the
		25 X 25	5 C	39	15	12	10	10	5	91			"modified" gold grains may not be
		25 X 50	8 C	27	2	21	4	28	1	83			true. An SEM study will be neces-
		25 X 75	10 C	9		5		5		19			sary to positively identify the
		25 X 100	13 C	1						1			nature of these grains.
		50 X 50	10 C	6	2	3	1	7		19			
		50 X 75	13 C	3	2	4	1	1		13			
		50 X 100	15 C	1		1				2			
		50 X 125	18 C	1	1					2			
		75 X 75	15 C					1		1			
		75 X 125	20 C	1						1			
										456	22.1	1329	
	98 N	25 X 25	5 C	1		1				2			
		50 X 100	15 C	1						1			
										3	20.1	34	
	99 N	25 X 25	5 C	2						2			
		25 X 50	8 C	1						1			
		75 X 75	15 C	1						1			
										4	16.1	48	
	100 Y	25 X 25	5 C	2	1	2				5			No sulphides.
		25 X 50	8 C	2		1	1	1		5			
		50 X 50	10 C	1	1					2			
		50 X 75	13 C		1					1			
		50 X 150	20 C		1					1			
										14	35.5	79	
	101 Y	25 X 25	5 C	3	1	6	4	1		15			No sulphides.
		25 X 50	8 C	6	1	3				10			
		25 X 100	13 C		1	1				2			
		25 X 125	15 C		1					1			
		50 X 50	10 C	5	2		1			8			
		50 X 75	13 C	1	2	1				4			
		50 X 125	18 C		2					2			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

CAM_POW.WR1 NUMBER OF GRAINS

TOTAL # OF PANNINGS 43

SAMPLE #	PANNED Y/N	MEASUREMENT (MICRONS) DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
POW 95T													
		75 X 100	18 C		1					1			
		75 X 125	20 C		1					1			
										44	49.4	205	
102	Y	25 X 25	5 C	1	5	3	1			10			No sulphides.
		25 X 50	8 C	6	2					8			
		50 X 50	10 C	3	2					5			
		50 X 75	13 C	1	2		1			4			
		75 X 75	15 C	1						1			
		75 X 100	18 C		2					2			
		75 X 125	20 C	1						1			
		100 X 100	20 C		1					1			
										32	51.7	174	
103	Y	25 X 25	5 C	2	1	3	1			7			No sulphides.
		25 X 50	8 C	4	2		1			7			
		25 X 75	10 C	2						2			
		50 X 50	10 C	4	2					6			
		50 X 75	13 C	2	2					4			
		75 X 75	15 C	1						1			
		100 X 100	20 C		1					1			
		125 X 125	25 C		1					1			
										29	38.9	226	

APPENDIX F-2

Geochemical Analysis Certificates for -150 mesh Split (ACME Analytical) and Heavy Mineral Concentrates (ACTLABS)

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Cameco Corporation (ON) File # 95-2688 Page 1

#6 - 1349 Kelly Lake Road, Sudbury ON P3E 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	U ppm	Th ppm	Sr ppm	Cd ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Tl ppm	Hg ppb	As ppm	Sb ppm	Bi ppm	Ge ppm	Se ppm	Te ppm
COM-95T-001	2	11	15	38	<.5	47	9	275	2.07	<10	5	272	.7	40	1.46	.038	14	72	.70	543	.21	6.38	2.04	1.85	<4	115	<2	7	5	<1	9	<5	75	2.1	.1	.1	<.1	.3	.1
COM-95T-002	<2	56	10	46	<.5	34	10	758	2.69	<10	4	306	1.4	54	1.78	.059	19	70	.91	585	.24	6.31	2.32	1.81	<4	114	<2	11	4	<1	14	<5	10	2.7	<.1	<.1	<.1	<.1	<.1
COM-95T-003	2	17	19	41	<.5	19	8	453	2.55	<10	2	402	.7	58	2.63	.069	15	58	.71	458	.33	6.07	2.69	1.21	<4	97	2	10	5	<1	12	<5	10	1.5	<.1	<.1	<.1	<.1	<.1
POW-95T-050	2	53	14	59	<.5	37	19	750	3.95	<10	3	380	1.4	76	2.57	.081	17	72	1.07	443	.36	6.84	2.60	1.21	<4	98	4	10	6	<1	14	<5	25	5.3	.1	.2	<.1	.1	.1
POW-95T-051	<2	17	16	35	<.5	26	7	271	1.93	<10	4	293	.7	40	1.65	.030	13	63	.69	602	.22	6.04	2.24	1.90	<4	131	<2	7	5	<1	9	<5	20	1.6	<.1	.1	<.1	.1	<.1
POW-95T-052	<2	17	19	35	<.5	25	6	317	1.85	<10	4	315	.6	41	1.74	.046	14	57	.60	563	.22	5.93	2.33	1.82	<4	137	<2	7	5	<1	9	<5	20	1.7	<.1	<.1	<.1	.1	<.1
POW-95T-053	<2	5	16	35	<.5	27	7	290	1.91	<10	5	286	.4	40	1.62	.041	14	57	.57	542	.23	6.11	2.12	1.87	<4	156	2	7	5	<1	8	<5	35	1.5	<.1	.1	<.1	.1	<.1
POW-95T-054	<2	12	12	34	<.5	23	6	275	1.81	<10	4	308	.5	40	1.68	.031	11	49	.61	531	.21	6.05	2.21	1.70	<4	123	<2	7	4	<1	9	<5	30	1.5	<.1	.1	.1	.3	.2
POW-95T-055	<2	18	9	39	<.5	35	7	385	1.99	<10	4	333	.4	42	1.88	.060	15	57	.64	566	.23	6.05	2.41	1.81	<4	135	<2	9	6	<1	9	<5	<5	2.2	<.1	<.1	<.1	<.1	<.1
POW-95T-056	<2	15	11	42	<.5	34	8	398	2.19	<10	4	316	.7	48	1.73	.053	13	67	.81	537	.25	6.27	2.32	1.69	<4	123	<2	8	3	<1	10	<5	25	2.3	<.1	.2	<.1	.1	<.1
POW-95T-057	<2	21	<5	42	<.5	38	10	410	2.28	<10	3	304	<.4	46	1.62	.051	13	76	.92	551	.22	6.45	2.34	1.71	<4	100	<2	7	4	<1	10	<5	25	2.1	<.1	.1	<.1	.2	.1
POW-95T-058	<2	16	17	37	<.5	34	7	342	1.94	<10	4	320	<.4	42	1.74	.058	13	62	.73	577	.22	6.26	2.36	1.81	<4	122	<2	7	4	<1	9	<5	10	1.7	<.1	<.1	<.1	<.1	<.1
POW-95T-059	<2	42	10	46	<.5	37	10	524	2.74	<10	5	290	.6	56	1.76	.058	18	74	.96	616	.26	6.28	2.13	1.71	<4	114	<2	11	5	<1	14	<5	40	3.3	.5	<.1	<.1	<.1	<.1
POW-95T-060	<2	12	10	36	<.5	30	8	300	2.00	<10	4	292	.5	40	1.64	.036	14	58	.62	540	.23	6.17	2.15	1.83	<4	132	<2	7	5	<1	9	<5	35	1.4	<.1	<.1	<.1	.3	<.1
POW 95T-061	<2	31	19	40	<.5	34	8	435	2.55	<10	7	299	<.4	51	1.76	.084	20	73	.71	519	.27	6.16	2.14	1.64	4	179	<2	9	5	1	10	<5	50	4.9	<.1	.1	<.1	.1	<.1
POW-95T-062	<2	20	14	38	<.5	38	8	266	2.13	<10	3	286	.5	42	1.50	.031	10	71	.78	515	.21	6.28	2.20	1.65	<4	106	<2	6	3	<1	10	<5	50	2.0	<.1	<.1	<.1	.3	<.1
POW-95T-063	<2	11	13	36	<.5	27	7	289	2.00	<10	6	307	.5	42	1.69	.032	16	59	.62	537	.23	6.22	2.21	1.78	<4	141	<2	8	5	<1	9	<5	30	1.8	<.1	.1	<.1	.3	<.1
POW-95T-064	2	18	10	50	<.5	18	5	281	2.73	<10	4	225	.7	98	1.23	.031	14	53	.63	490	.37	5.17	1.53	1.44	<4	140	3	7	7	<1	11	<5	60	1.1	<.1	.3	<.1	.1	<.1
RE POW-95T-064	<2	19	8	51	<.5	19	5	271	2.78	<10	4	226	.5	99	1.25	.032	15	55	.63	494	.36	5.29	1.53	1.47	<4	137	<2	7	6	<1	11	<5	60	1.2	<.1	.3	<.1	.7	<.1
POW-95T-065	<2	19	12	46	<.5	62	14	333	2.25	<10	3	314	.5	46	1.69	.052	12	102	.90	552	.21	6.28	2.42	1.79	<4	92	<2	8	4	<1	10	<5	15	6.0	.1	.3	<.1	.3	<.1
POW-95T-066	<2	36	<5	51	<.5	385	31	1677	4.15	<10	4	219	1.1	63	1.33	.055	14	481	3.65	398	.20	5.51	1.60	1.28	<4	105	<2	10	3	<1	17	<5	55	11.8	.1	.2	<.1	.5	.1
POW-95T-067	<2	41	9	54	<.5	103	14	453	2.48	<10	3	311	.8	49	1.76	.056	15	134	1.15	522	.23	5.96	2.35	1.72	<4	99	<2	9	4	<1	12	<5	<5	9.4	.1	.2	.1	<.1	.1
POW-95T-068	2	30	16	37	<.5	25	9	285	3.13	<10	3	244	.8	64	1.32	.030	13	64	.57	497	.28	6.31	1.84	1.56	<4	118	<2	7	6	<1	10	<5	80	2.4	.1	.3	.1	.1	.1
POW-95T-069	<2	20	12	36	<.5	26	7	293	2.31	<10	3	286	.6	46	1.56	.037	12	58	.66	512	.24	6.41	2.07	1.72	<4	122	<2	7	4	<1	10	<5	75	2.0	<.1	.8	<.1	.3	.1
POW-95T-070	<2	12	12	33	<.5	23	5	281	1.79	<10	5	290	.5	38	1.67	.048	13	52	.58	527	.22	5.93	2.13	1.91	<4	133	<2	7	4	<1	8	<5	20	1.7	<.1	.2	.1	.3	.3
POW-95T-071	<2	24	14	46	<.5	28	9	360	3.64	<10	3	228	1.2	58	1.34	.081	13	63	.62	426	.25	6.15	1.61	1.41	<4	113	<2	8	6	<1	9	<5	140	4.6	.1	.5	.1	.7	.3
POW-95T-072	<2	17	9	40	<.5	28	7	297	2.14	<10	3	303	.7	43	1.58	.055	11	54	.61	530	.22	6.44	2.12	1.68	<4	124	<2	6	3	<1	9	<5	50	2.8	.1	.4	<.1	.1	.1
POW-95T-073	<2	5	11	37	<.5	34	7	332	2.04	<10	5	295	.4	42	1.79	.070	17	65	.75	501	.25	6.05	2.12	1.78	<4	161	<2	8	5	<1	9	<5	30	1.5	<.1	.3	.1	.2	.1
POW-95T-074	<2	21	16	37	<.5	19	5	280	2.76	<10	4	250	.5	54	1.37	.032	15	47	.56	466	.29	5.82	1.82	1.56	<4	127	<2	8	4	<1	10	<5	70	1.9	<.1	.4	<.1	.2	<.1
POW-95T-075	<2	23	11	39	<.5	35	8	380	2.14	<10	6	300	.9	45	1.73	.049	17	68	.71	518	.25	6.02	2.14	1.83	<4	153	<2	8	4	<1	9	<5	30	4.2	.1	.5	<.1	.5	.1
POW-95T-076	<2	16	7	35	<.5	27	8	363	2.15	<10	3	309	.5	45	1.75	.064	11	57	.61	518	.25	5.90	2.26	1.71	<4	141	<2	7	4	<1	9	<5	15	1.9	<.1	.2	<.1	.3	.2
POW-95T-077	<2	26	11	49	<.5	40	11	579	2.74	<10	6	298	.6	55	2.18	.071	20	85	1.05	516	.29	6.03	2.12	1.74	<4	152	<2	9	5	1	11	<5	20	2.9	.1	.2	<.1	.1	.1
POW-95T-078	2	21	11	35	<.5	32	8	362	2.47	<10	4	270	<.4	47	1.54	.053	15	65	.60	489	.27	5.79	1.94	1.63	<4	137	<2	7	4	<1	9	<5	45	3.0	<.1	.2	<.1	.2	<.1
POW-95T-079	<2	5	7	38	<.5	23	6	356	1.76	<10	3	320	<.4	38	1.75	.057	12	50	.55	532	.22	5.79	2.27	1.80	<4	127	<2	7	4	<1	8	<5	10	1.6	<.1	.2	<.1	.1	<.1
POW-95T-080	<2	12	8	36	<.5	21	5	343	1.62	<10	4	332	<.4	36	1.80	.059	15	49	.59	550	.22	5.98	2.37	1.89	<4	123	<2	8	5	<1	9	<5	5	1.0	<.1	.1	<.1	<.1	<.1
STANDARD CT/C/H-1	17	55	43	136	5.7	67	29	1132	4.46	18	36	227	17.4	107	1.21	.116	38	103	1.22	885	.33	7.01	1.61	1.93	21	56	14	9	8	1	15	<5	1800	.8	1.1	1.3	<.1	.8	1.3

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

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

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

DATE RECEIVED: AUG 3 1995 **DATE REPORT MAILED:** Aug 18/95 **SIGNED BY.....** D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	U	Th	Sr	Cd	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	Tl	Hg	As	Sb	Bi	Ge	Se	Te
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
POW-95T-081	<2	31	17	22	<.5	22	6	433	1.99	<10	3	337	<.4	44	1.89	.056	14	50	.67	529	.24	6.16	2.52	1.84	<4	130	<2	8	4	<1	10	<5	10	1.9	<.1	<.1	<.1	.1	<.2
POW-95T-082	<2	20	20	25	<.5	29	16	759	2.79	<10	5	287	<.4	50	1.72	.062	17	62	.67	465	.26	6.14	2.03	1.57	<4	137	<2	8	5	1	10	<5	80	3.8	<.1	.2	<.1	.3	<.2
POW-95T-083	<2	9	13	23	<.5	25	7	390	1.95	<10	4	325	<.4	40	1.81	.057	15	52	.67	520	.22	6.11	2.35	1.76	<4	128	<2	8	4	<1	9	<5	20	1.7	<.1	<.1	<.1	.2	<.2
POW-95T-084	<2	10	13	21	<.5	26	7	374	1.91	<10	4	307	<.4	41	1.73	.057	13	57	.68	510	.24	5.95	2.27	1.78	<4	123	<2	7	4	<1	9	<5	25	1.1	<.1	<.1	<.1	.1	<.2
POW-95T-085	<2	24	21	22	<.5	28	6	295	1.90	<10	4	293	<.4	40	1.60	.035	13	56	.64	535	.24	5.96	2.21	1.93	<4	141	<2	7	5	<1	9	<5	25	1.6	<.1	<.1	<.1	.2	<.2
POW-95T-086	<2	16	19	21	<.5	27	7	332	1.80	<10	4	307	<.4	38	1.66	.050	12	53	.60	519	.22	5.72	2.23	1.72	<4	119	<2	6	4	<1	9	<5	30	1.8	<.1	<.1	<.1	.2	<.2
POW-95T-087	2	27	21	32	<.5	24	11	566	2.80	<10	6	291	<.4	52	1.69	.089	17	60	.67	460	.29	6.05	2.02	1.53	<4	153	<2	8	5	1	10	<5	85	4.7	.1	.2	<.1	.4	<.2
POW-95T-088	<2	45	20	23	<.5	24	8	401	2.11	<10	4	313	<.4	46	1.88	.051	15	46	.70	491	.24	5.85	2.21	1.67	<4	122	<2	8	4	<1	10	<5	40	2.0	<.1	.1	<.1	.1	<.2
POW-95T-089	<2	14	11	18	<.5	33	8	315	1.82	<10	5	304	<.4	38	1.71	.048	16	57	.63	493	.25	6.27	2.18	1.72	<4	147	<2	8	4	<1	9	<5	30	2.7	<.1	.1	<.1	.1	<.2
POW-95T-090	<2	18	20	27	<.5	38	9	458	2.26	<10	4	314	<.4	46	1.77	.056	15	73	.91	515	.24	6.15	2.27	1.77	<4	140	2	8	5	1	10	<5	25	22.1	<.1	.1	<.1	.2	<.2
POW-95T-091	<2	14	17	21	<.5	28	7	364	2.00	<10	5	326	<.4	40	1.75	.055	15	52	.63	516	.23	6.05	2.33	1.74	<4	129	<2	8	4	<1	9	<5	30	3.4	<.1	.1	.1	.2	<.2
POW-95T-092	<2	29	8	26	<.5	31	7	450	2.41	<10	7	296	<.4	45	1.70	.079	20	65	.68	483	.27	6.01	2.08	1.61	<4	167	<2	8	5	<1	9	<5	50	6.6	<.1	.1	<.1	.2	<.2
RE POW-95T-090	<2	18	17	27	<.5	41	8	467	2.28	<10	5	314	<.4	47	1.77	.058	16	74	.92	522	.25	6.12	2.33	1.80	<4	141	2	8	4	1	11	<5	20	20.2	<.1	.1	<.1	.1	<.2
POW-95T-093	<2	11	17	20	<.5	23	6	357	1.88	<10	4	309	<.4	39	1.79	.057	12	52	.62	502	.23	5.82	2.21	1.72	<4	125	2	7	3	<1	9	<5	35	1.5	<.1	.1	.1	.1	<.2
POW-95T-094	<2	20	17	41	<.5	38	16	575	2.30	<10	3	324	<.4	50	1.97	.059	13	53	.71	495	.26	5.91	2.28	1.65	<4	125	<2	8	4	<1	10	<5	10	9.9	.1	.1	<.1	.2	<.2
POW-95T-095	<2	54	15	49	<.5	34	13	486	2.59	<10	4	324	<.4	55	1.81	.044	16	56	.84	540	.29	6.04	2.28	1.77	<4	121	<2	8	4	1	12	<5	20	12.3	.1	.3	<.1	.2	<.2
POW-95T-096	3	379	34	40	<.5	31	8	440	2.36	<10	5	308	<.4	52	1.71	.052	21	50	.75	568	.29	6.21	2.15	1.86	<4	147	<2	10	4	1	11	<5	45	2.8	<.1	22.6	<.1	.3	<.2
POW-95T-097	3	221	38	53	<.5	75	25	717	5.06	<10	6	321	<.4	79	2.00	.078	29	125	1.61	554	.31	6.14	2.28	1.68	8	126	<2	12	4	1	15	<5	15	31.5	.2	1.5	<.1	.5	.7
POW-95T-098	<2	9	16	21	<.5	27	6	303	1.99	<10	5	304	<.4	40	1.64	.034	15	57	.61	518	.25	6.27	2.12	1.83	<4	133	<2	7	5	1	9	<5	40	1.5	<.1	.1	.1	.1	<.2
POW-95T-099	<2	8	19	18	<.5	29	6	299	2.27	<10	4	278	<.4	40	1.53	.044	14	53	.52	475	.24	5.83	1.90	1.63	<4	149	<2	7	4	<1	8	<5	55	2.0	<.1	.3	<.1	.1	<.2
POW-95T-100	<2	7	18	19	<.5	22	5	342	1.85	<10	4	319	<.4	38	1.74	.051	13	51	.58	524	.23	6.12	2.24	1.84	<4	144	<2	7	4	<1	8	<5	25	1.6	<.1	.2	<.1	.2	<.2
POW-95T-101	<2	11	12	21	<.5	23	6	361	1.87	<10	6	300	<.4	38	1.76	.052	20	55	.60	490	.24	5.92	2.07	1.80	4	160	<2	9	5	1	9	<5	45	1.4	<.1	<.1	<.1	<.1	<.2
POW-95T-102	<2	10	8	19	<.5	21	5	386	1.92	<10	7	328	<.4	40	1.89	.056	18	47	.57	510	.26	5.85	2.27	1.79	<4	170	<2	8	5	<1	9	<5	20	1.3	<.1	<.1	<.1	<.1	<.2
POW-95T-103	<2	7	14	21	<.5	22	6	294	1.81	<10	4	301	<.4	36	1.59	.059	12	50	.52	491	.22	5.70	2.08	1.60	<4	134	<2	6	4	<1	8	<5	25	2.3	<.1	.1	<.1	.1	<.2
STANDARD CT/C/M-1	17	54	38	121	5.7	65	28	1197	4.32	15	37	232	16.5	104	1.22	.114	41	94	1.22	854	.33	6.92	1.62	1.92	20	57	16	9	7	1	15	<5	1900	.9	.8	1.0	<.1	1.0	1.1

Sample type: TILL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

GEOCHEM PRECIOUS METALS ANALYSIS

Cameco Corporation (ON) File # 95-2688 Page 1

#6 - 1349 Kelly Lake Road, Sudbury ON P3E 5P5

SAMPLE#	Au** ppb
~~COM-95T-001~~	~~3~~
~~COM-95T-002~~	~~5~~
~~COM-95T-003~~	~~18~~
POW-95T-050	28
POW-95T-051	3
POW-95T-052	7
POW-95T-053	3
POW-95T-054	3
POW-95T-055	5
POW-95T-056	8
POW-95T-057	6
POW-95T-058	3
POW-95T-059	23
POW-95T-060	5
POW-95T-061	66
POW-95T-062	6
POW-95T-063	11
POW-95T-064	2
RE POW-95T-064	3
POW-95T-065	7
POW-95T-066	14
POW-95T-067	7
POW-95T-068	11
POW-95T-069	5
POW-95T-070	7
POW-95T-071	26
POW-95T-072	21
POW-95T-073	3
POW-95T-074	2
POW-95T-075	5
POW-95T-076	6
POW-95T-077	<2
POW-95T-078	9
POW-95T-079	5
POW-95T-080	7
STANDARD AU-S	44

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

DATE RECEIVED: AUG 3 1995 **DATE REPORT MAILED:** Aug 18/95 **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Au** ppb
POW-95T-081	5
POW-95T-082	3
POW-95T-083	3
POW-95T-084	3
POW-95T-085	4
POW-95T-086	4
POW-95T-087	8
POW-95T-088	10
POW-95T-089	9
POW-95T-090	46
POW-95T-091	19
POW-95T-092	83
RE POW-95T-090	13
POW-95T-093	4
POW-95T-094	2
POW-95T-095	7
POW-95T-096	15
POW-95T-097	289
POW-95T-098	5
POW-95T-099	6
POW-95T-100	<2
POW-95T-101	9
POW-95T-102	<2
POW-95T-103	5
STANDARD AU-S	44

Sample type: TILL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ACME ALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST ANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX 4)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

Cameco Corporation (ON) PROJECT POW94T File # 94-4510

#6 - 1349 Kelly Lake Road, Sudbury ON P3E 5P5

SAMPLE#	Au** ppb
POW94T 037	12
POW94T 038	32
POW94T 039	4
POW94T 040	3
POW94T 041	7
POW94T 042	3
RE POW94T 042	6
POW94T 043	<1
POW94T 044	4
POW94T 045	28
POW94T 046	16
POW94T 047	3
POW94T 048	2
POW94T 049	10
STANDARD AU-S	45

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: TILL PULP
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 20 1994 **DATE REPORT MAILED:** Jan 11/95 **SIGNED BY**..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Cameco Corporation (ON) PROJECT POW94T File # 94-4510

#6 - 1349 Kelly Lake Road, Sudbury ON P3E 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	U ppm	Th ppm	Sr ppm	Cd ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Tl ppm	Hg ppb	As ppm	Sb ppm	Bi ppm	Ge ppm	Se ppm	Te ppm
POW94T 037	<2	17	5	19	<.3	24	5	262	1.71	25	4	279	<.4	39	1.50	.030	13	53	.56	500	.22	6.11	2.00	1.72	3	184	<2	7	7	<1	9	<5	55	1.3	.1	<.1	<.1	.1	<.1
POW94T 038	<2	4	<4	20	<.3	28	5	328	1.90	50	4	314	<.4	42	1.72	.041	16	66	.65	538	.25	5.98	2.29	1.97	<2	261	<2	9	8	<1	10	<5	25	.8	<.1	<.1	<.1	<.1	.1
POW94T 039	<2	7	4	18	<.3	25	6	283	1.77	20	2	287	<.4	39	1.57	.047	12	55	.59	501	.21	5.87	2.12	1.75	<2	186	<2	7	6	<1	9	<5	45	1.5	<.1	.1	.1	.2	.2
POW94T 040	<2	6	5	20	<.3	25	5	283	1.71	29	4	286	.5	39	1.66	.057	13	57	.61	498	.21	5.82	2.10	1.80	<2	198	<2	8	6	<1	9	<5	35	1.2	<.1	<.1	.1	.1	.1
POW94T 041	<2	4	4	14	<.3	22	4	232	1.67	17	2	259	.4	37	1.42	.022	10	52	.46	475	.20	5.49	2.02	1.73	<2	188	<2	7	5	<1	8	<5	25	1.1	<.1	<.1	<.1	<.1	<.1
POW94T 042	<2	25	<4	28	<.3	30	9	362	2.36	17	2	286	<.4	60	1.44	.032	11	55	.76	502	.26	6.31	2.10	1.61	3	153	<2	8	6	<1	13	<5	45	1.9	<.1	.1	<.1	<.1	<.1
RE POW94T 042	2	26	6	28	<.3	28	8	352	2.33	<10	<2	278	<.4	58	1.41	.032	8	56	.75	500	.25	6.35	2.16	1.64	<2	150	<2	8	5	<1	12	<5	45	1.8	<.1	<.1	<.1	<.1	<.1
POW94T 043	<2	12	<4	21	<.3	29	8	361	1.88	27	4	270	<.4	43	1.49	.049	13	54	.59	480	.21	5.99	1.99	1.63	<2	177	<2	7	5	<1	10	<5	35	2.8	<.1	<.1	<.1	.2	.2
POW94T 044	<2	15	4	25	<.3	32	8	303	2.02	17	3	307	<.4	47	1.51	.042	11	60	.69	523	.21	6.48	2.15	1.74	<2	160	<2	7	5	<1	10	<5	35	1.7	<.1	.1	.1	.1	.3
POW94T 045	2	19	5	31	<.3	21	5	295	2.56	32	4	242	<.4	53	1.25	.033	16	53	.54	465	.25	6.13	1.64	1.50	3	202	2	8	7	<1	10	<5	75	2.6	.1	.1	<.1	.3	<.1
POW94T 046	<2	20	5	34	.3	27	5	309	2.84	23	3	184	<.4	48	1.03	.039	17	40	.49	407	.23	6.22	1.13	1.15	3	154	<2	10	8	<1	11	<5	75	1.1	<.1	.2	<.1	.4	<.1
POW94T 047	<2	10	<4	29	<.3	33	9	318	2.18	14	2	266	<.4	43	1.43	.044	11	61	.57	464	.21	6.55	1.91	1.50	<2	179	<2	7	7	<1	9	<5	50	3.5	<.1	.1	<.1	.1	<.1
POW94T 048	<2	11	5	21	<.3	28	7	301	1.76	17	3	283	<.4	39	1.57	.046	10	55	.58	495	.20	5.75	2.13	1.63	<2	166	<2	7	5	<1	9	<5	25	1.8	<.1	.2	<.1	.1	.2
POW94T 049	11	76	17	34	.3	35	17	457	2.76	<10	2	320	<.4	61	1.88	.051	12	55	.77	668	.23	5.85	2.28	1.66	3	135	<2	10	5	<1	12	<5	25	5.2	<.1	.8	<.1	<.1	<.1
STANDARD CT/C	18	55	37	133	6.4	71	32	1160	4.57	28	39	241	18.5	114	1.18	.109	41	104	1.29	914	.31	7.56	1.69	2.02	18	60	17	11	12	<1	16	<5	1800	38.0	18.0	21.4	<.1	.7	.2

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.
- SAMPLE TYPE: TILL PULP HG ANALYSIS BY FLAMELESS AA. AS SB BI GE SE & TE ANALYSIS BY HYDRIDE ICP.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 20 1994 **DATE REPORT MAILED:** Jan 11/95 **SIGNED BY**.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Cameco Corporation (ON) PROJECT BEN94/POW94 File # 94-4312 Page 1

#6 - 1349 Kelly Lake Road, Sudbury ON P3E 5P5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	U ppm	Th ppm	Sr ppm	Cd ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Tl ppm	Hg ppb	As ppm	Sb ppm	Bi ppm	Ge ppm	Se ppm	Te ppm
BEN94T 84	<2	23	4	32	<.3	36	9	476	2.45	<10	4	307	<.4	55	1.59	.025	16	68	.79	463	.22	6.40	1.80	1.37	3	83	<2	8	4	<1	11	<5	15	5.7	.3	.1	<.1	<.1	.1
BEN94T 85	<2	31	9	37	.4	36	11	1193	5.06	<10	4	248	<.4	47	1.20	.021	11	61	.55	452	.20	5.89	1.47	1.24	4	93	<2	6	5	<1	9	<5	65	35.7	1.4	.2	<.1	.3	<.1
BEN94T 86	2	80	10	82	<.3	54	16	841	5.85	<10	3	264	<.4	47	1.24	.025	13	56	.51	429	.18	5.72	1.55	1.29	2	91	<2	8	5	<1	10	<5	240	16.7	2.4	.2	<.1	.3	<.1
BEN94T 87	<2	27	8	33	<.3	31	8	393	2.53	<10	4	299	.5	53	1.54	.019	17	69	.76	461	.25	6.18	1.80	1.38	4	100	<2	7	7	1	10	<5	25	9.5	.4	.1	<.1	.1	<.1
POW94T 01	8	127	<4	168	.4	393	37	660	3.46	<10	3	235	<.4	64	1.21	.022	14	431	2.61	370	.21	5.75	1.28	1.04	<2	78	<2	8	3	<1	13	<5	60	10.9	.1	.3	.1	.2	.3
POW94T 02	<2	30	<4	49	<.3	519	60	276	3.10	<10	<2	232	<.4	81	1.01	.014	8	185	.88	408	.26	6.13	1.49	1.30	<2	84	<2	4	5	<1	10	<5	45	10.6	.1	.2	<.1	<.1	<.1
POW94T 03	<2	17	6	24	.3	106	15	249	2.53	<10	4	263	<.4	49	1.29	.010	11	79	.54	442	.22	6.45	1.53	1.35	<2	97	<2	5	5	1	7	<5	50	6.4	<.1	.2	<.1	<.1	.1
POW94T 04	<2	9	8	22	<.3	50	7	279	1.75	<10	3	281	<.4	39	1.38	.014	13	67	.56	452	.20	6.06	1.53	1.41	<2	107	<2	6	5	<1	8	<5	20	2.5	<.1	<.1	.1	<.1	.3
POW94T 05	<2	5	9	22	<.3	42	4	237	1.69	<10	3	270	<.4	36	1.36	.028	11	48	.49	446	.20	5.43	1.46	1.41	<2	115	<2	5	4	<1	6	<5	35	1.5	<.1	.1	<.1	<.1	<.1
POW94T 06	<2	10	15	24	<.3	25	4	275	2.04	<10	2	282	<.4	46	1.42	.025	10	48	.59	451	.22	5.35	1.72	1.36	<2	99	<2	5	4	<1	8	<5	45	1.3	<.1	.4	<.1	<.1	<.1
POW94T 07	<2	6	10	21	<.3	23	5	269	1.63	<10	3	266	.5	37	1.33	.030	11	49	.50	433	.19	5.66	1.48	1.35	<2	112	<2	5	4	1	7	<5	35	1.6	<.1	.1	<.1	<.1	<.1
RE POW94T 07	<2	6	9	21	<.3	23	5	273	1.68	<10	3	266	.4	38	1.35	.032	11	51	.52	440	.20	5.65	1.55	1.40	<2	118	<2	5	5	<1	7	<5	45	1.6	<.1	.2	<.1	<.1	.2
POW94T 08	<2	12	6	22	<.3	42	7	262	1.87	<10	3	262	<.4	42	1.34	.015	8	55	.60	404	.19	5.66	1.51	1.18	<2	85	<2	5	3	<1	8	<5	55	1.5	<.1	.1	<.1	<.1	.2
POW94T 09	<2	52	4	32	.3	35	18	926	2.92	<10	5	316	<.4	60	1.67	.048	20	70	.78	456	.26	6.03	1.82	1.38	3	139	<2	10	6	1	12	<5	15	6.9	.1	.2	<.1	<.1	.1
POW94T 10	<2	30	7	23	<.3	33	8	262	1.93	<10	3	250	.4	43	1.25	.012	11	62	.62	422	.21	5.80	1.48	1.34	<2	99	<2	6	4	<1	8	<5	40	1.7	<.1	.1	<.1	<.1	.2
POW94T 11	<2	15	8	29	<.3	33	8	346	2.32	<10	4	267	<.4	50	1.38	.030	15	63	.66	443	.24	6.25	1.53	1.37	4	119	<2	7	6	1	9	<5	30	1.9	<.1	.1	<.1	<.1	.1
POW94T 12	<2	6	7	20	<.3	23	6	248	1.68	<10	3	275	<.4	38	1.37	.022	11	54	.53	449	.20	5.78	1.57	1.41	<2	121	<2	5	4	<1	7	<5	25	1.0	<.1	.1	<.1	<.1	.1
POW94T 13	<2	12	<4	27	<.3	27	5	263	1.70	<10	<2	287	<.4	41	1.30	.015	9	55	.63	460	.22	5.86	1.81	1.50	<2	99	<2	5	4	<1	8	<5	15	.7	<.1	.1	<.1	<.1	<.1
POW94T 14	<2	26	9	35	<.3	39	10	476	2.58	<10	3	237	.7	54	1.28	.033	10	70	.85	404	.21	5.74	1.32	1.14	2	97	<2	6	4	<1	9	<5	55	2.7	<.1	.2	<.1	<.1	<.1
POW94T 15	<2	9	7	16	<.3	16	3	211	1.34	<10	2	253	<.4	35	1.18	.014	12	39	.38	445	.21	5.28	1.61	1.49	<2	122	<2	5	5	<1	6	<5	25	.6	<.1	.1	<.1	<.1	<.1
POW94T 16	<2	7	9	21	<.3	45	8	329	1.99	<10	4	250	<.4	38	1.28	.026	12	63	.54	417	.19	5.48	1.25	1.19	<2	107	<2	5	3	<1	7	<5	45	3.9	<.1	.1	<.1	<.1	.1
POW94T 17	<2	12	5	23	.3	46	9	415	2.32	<10	3	269	<.4	48	1.35	.036	9	78	.74	412	.20	5.63	1.51	1.17	<2	87	<2	6	3	<1	9	<5	45	2.9	.1	<.1	<.1	<.1	.1
POW94T 18	<2	12	6	21	<.3	26	6	293	1.78	<10	3	287	<.4	41	1.39	.026	10	54	.61	447	.20	5.69	1.77	1.41	<2	97	<2	6	3	<1	8	<5	45	1.5	<.1	.1	<.1	.1	.1
POW94T 19	<2	8	9	29	<.3	19	5	269	1.74	<10	3	252	.4	38	1.34	.046	11	48	.48	431	.21	5.62	1.49	1.42	<2	125	<2	6	4	<1	7	<5	55	1.0	<.1	.1	<.1	.1	.1
POW94T 20	<2	14	5	25	<.3	32	8	437	2.15	<10	3	274	<.4	49	1.34	.036	12	62	.69	449	.21	6.19	1.86	1.61	3	108	<2	6	5	<1	9	<5	40	2.2	<.1	.1	<.1	.2	.1
POW94T 21	<2	12	9	24	<.3	27	7	343	1.91	<10	3	271	<.4	43	1.33	.028	10	54	.59	431	.19	5.87	1.43	1.25	<2	95	<2	6	3	<1	8	<5	35	1.4	<.1	.1	<.1	.1	<.1
POW94T 22	<2	13	7	22	<.3	31	8	372	2.17	<10	3	295	<.4	47	1.42	.031	12	64	.68	454	.21	6.53	1.69	1.43	4	110	<2	6	6	1	9	<5	40	1.8	<.1	.1	<.1	.1	<.1
POW94T 23	<2	11	<4	23	<.3	30	7	260	2.15	<10	2	265	<.4	47	1.35	.027	9	55	.62	414	.21	5.55	1.50	1.15	<2	98	<2	5	4	<1	8	<5	50	1.2	<.1	.2	<.1	<.1	<.1
POW94T 24	<2	9	5	22	<.3	29	6	268	1.62	<10	3	270	<.4	37	1.39	.023	11	57	.58	439	.20	5.48	1.63	1.48	<2	107	<2	6	3	<1	7	<5	15	1.2	<.1	<.1	<.1	.1	.1
POW94T 25	<2	8	10	21	<.3	52	8	280	1.85	<10	3	263	<.4	38	1.41	.028	12	67	.60	433	.20	5.76	1.45	1.38	3	115	<2	6	5	<1	7	<5	30	2.5	<.1	.1	<.1	.2	.2
POW94T 26	2	17	7	33	<.3	97	13	389	2.39	<10	<2	271	<.4	47	1.28	.025	10	127	.99	431	.21	6.06	1.52	1.29	<2	104	<2	6	4	<1	9	<5	25	6.0	<.1	.1	<.1	.1	<.1
POW94T 27	<2	14	6	24	.4	82	11	331	2.27	<10	3	247	<.4	47	1.28	.028	13	71	.61	411	.21	6.00	1.39	1.24	2	111	<2	6	5	<1	8	<5	30	4.1	<.1	.1	<.1	.1	.1
POW94T 28	<2	19	8	36	<.3	160	13	468	2.14	<10	2	242	<.4	40	1.23	.022	10	98	.48	428	.20	5.44	1.52	1.45	<2	116	<2	5	5	<1	8	<5	125	4.6	<.1	.1	<.1	.1	<.1
POW94T 29	<2	11	<4	35	.3	188	12	319	2.31	<10	4	246	<.4	41	1.29	.023	11	103	.50	428	.21	5.77	1.33	1.33	<2	123	<2	6	4	<1	7	<5	35	10.4	<.1	.1	<.1	.2	<.1
POW94T 30	<2	4	5	20	<.3	29	5	313	1.85	<10	4	310	<.4	40	1.62	.037	17	58	.58	467	.22	6.14	1.63	1.48	<2	136	<2	7	5	<1	8	<5	20	1.3	<.1	.1	<.1	.2	.3
STANDARD CT/C	19	55	37	127	6.2	72	29	1088	4.24	21	36	229	17.1	107	1.15	.108	37	97	1.16	876	.28	7.01	1.54	1.84	13	55	15	8	10	1	14	<5	1815	41.6	17.3	20.8	<.1	.7	.1

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

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

Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 1 1994 **DATE REPORT MAILED:** Dec 7/94

SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Tl ppm	Hg ppb	As ppm	Sb ppm	Bi ppm	Ga ppm	Se ppm	Te ppm
POW94T 31	<2	4	16	23	<.3	31	5	343	1.88	<4	<10	<4	6	283	<.4	<4	<4	43	1.68	.055	18	64	.61	506	.23	5.58	1.89	1.51	2	165	<2	7	5	1	8	<5	25	1.3	<.1	.1	<.1	.1	<.1
POW94T 32	<2	25	18	27	<.3	332	14	404	1.76	6	<10	<4	4	255	<.4	<4	<4	37	1.47	.023	13	72	.57	492	.21	5.35	1.79	1.52	<2	115	<2	6	5	1	8	<5	30	8.4	.1	.1	<.1	.1	.2
POW94T 33	2	13	17	36	<.3	82	7	313	3.77	17	<10	<4	3	247	<.4	5	<4	70	1.20	.042	8	160	.66	489	.25	5.67	1.62	1.27	3	99	<2	4	5	<1	9	<5	75	17.5	.1	.4	<.1	<.1	.2
POW94T 34	2	20	17	34	<.3	129	16	327	2.80	7	<10	<4	3	250	<.4	<4	<4	52	1.25	.028	11	154	.98	459	.21	6.17	1.47	1.16	3	94	<2	5	3	<1	9	<5	55	8.6	.1	.3	<.1	.1	.1
POW94T 35	<2	23	19	24	.3	120	14	338	2.13	10	<10	<4	4	257	<.4	4	<4	47	1.32	.027	11	94	.63	511	.22	5.74	1.70	1.46	4	112	<2	5	5	1	8	<5	50	6.0	.1	.3	.1	.1	.3
POW94T 36	<2	5	17	21	<.3	34	6	334	1.82	<4	<10	<4	5	280	<.4	<4	<4	43	1.60	.041	14	59	.59	498	.24	5.35	1.85	1.40	<2	145	<2	6	4	1	8	<5	25	1.9	.1	.2	.2	.1	.5
RE POW94T 36	2	4	15	22	<.3	35	6	345	1.90	9	<10	<4	5	290	<.4	<4	<4	45	1.66	.043	17	62	.62	532	.25	5.50	1.95	1.50	3	142	<2	6	6	1	8	<5	20	1.7	<.1	.1	<.1	<.1	.3

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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

GEOCHEM PRECIOUS METALS ANALYSIS

Cameco Corporation (ON) PROJECT BEN94/POW94 File # 94-4312 Page 1

#6 - 1349 Kelly Lake Road, Sudbury ON P3E 5P5

SAMPLE#	Au** ppb
BEN94T 84	12
BEN94T 85	20
BEN94T 86	7
BEN94T 87	8
POW94T 01	34
POW94T 02	6
POW94T 03	9
POW94T 04	6
POW94T 05	10
POW94T 06	3
POW94T 07	4
RE POW94T 07	2
POW94T 08	2
POW94T 09	52
POW94T 10	4
POW94T 11	67
POW94T 12	4
POW94T 13	4
POW94T 14	6
POW94T 15	17
POW94T 16	6
POW94T 17	14
POW94T 18	7
POW94T 19	3
POW94T 20	4
POW94T 21	2
POW94T 22	4
POW94T 23	5
POW94T 24	5
POW94T 25	3
POW94T 26	5
POW94T 27	4
POW94T 28	5
POW94T 29	3
POW94T 30	11
STANDARD AU-R	512

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: DEC 1 1994 **DATE REPORT MAILED:** Dec 7/94 **SIGNED BY** ..... .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Au** ppb
POW94T 31	1
POW94T 32	5
POW94T 33	15
POW94T 34	1
POW94T 35	6
POW94T 36	10
RE POW94T 35	8

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

ACTLABS

ACTIVATION LABORATORIES LTD

Invoice No.: 7367
Work Order: 7462
Invoice Date: 04-JAN-95
Date Submitted: 13-DEC-94
Your Reference: POW94T/BEN
Account Number: 949

CAMECO CORP
UNIT 6 - 1349 KELLY CK RD
SUDBURY
ONTARIO
P3G 5P5
ATTENTION: MIKE KOZIOL

CERTIFICATE OF ANALYSIS

INAA package, elements and detection limits:

AU	5.	PPB	AG	5.	PPM	AS	2.	PPM	BA	200.	PPM
[illegible]	5.	PPM	CA	1.	%	CO	5.	PPM	CR	10.	PPM
[illegible]	2.	PPM	FE	0.02	%	HF	1.	PPM	HG	5.	PPM
IR	50.	PPB	MO	20.	PPM	NA	500.	PPM	NI	200.	PPM
RB	50.	PPM	SB	0.2	PPM	SC	0.1	PPM	SE	20.	PPM
SR	0.2	%	TA	1.	PPM	TH	0.5	PPM	U	0.5	PPM
W	4.	PPM	ZN	200.	PPM	LA	1.	PPM	CE	3.	PPM
ND	10.	PPM	SM	0.1	PPM	EU	0.2	PPM	TB	2.	PPM
YB	0.2	PPM	LU	0.1	PPM						

CERTIFIED BY :

DR. ERIC L. HOFFMAN

Activation Laboratories Ltd. Work Order: 7462 Report: 7367

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	TA PPM	TH PPM	U PPM
POW94T-1	2210	<5	10	<200	<5	12	55	8700	<2	19.4	140	<5	<50	<20	2310	<200	<50	<0.2	100	<20	<0.2	5	100	8.6
POW94T-2	505	<5	<2	<200	<5	<2	46	3000	<2	19.2	240	<5	<50	<20	2500	870	<50	1.2	100	<20	0.2	8	150	15
POW94T-3	235	<5	9	<200	<5	9	33	1700	<2	19.8	210	<5	<50	<20	3220	<200	<50	<0.2	98	<20	<0.2	15	200	17
POW94T-4	46	<5	10	<200	<5	12	43	2400	<2	16.9	300	<5	<50	<20	3520	<200	<50	<0.2	94	<20	<0.2	9	140	20
POW94T-5	521	<5	<2	<200	<5	13	41	1200	<2	18.7	390	<5	<50	<20	2860	720	<50	<0.2	100	<20	<0.2	7	180	21
POW94T-6	<6	<5	<2	<200	<5	7	42	1200	<2	17.5	180	<5	<50	20	2510	<200	<50	0.7	90	<20	<0.2	7	100	13
POW94T-7	50	<5	<2	<200	<5	8	41	960	<2	17.6	290	<5	<50	<20	2650	<200	<50	<0.2	92	<20	<0.2	7	170	14
POW94T-8	5	<5	7	<200	<5	8	41	1000	<2	16.6	150	<5	<50	<20	2760	<200	<50	<0.2	91	<20	<0.2	8	89	11
POW94T-9	406	<5	8	<200	<5	5	48	650	<2	15.3	110	<5	<50	<20	3690	<200	<50	<0.2	87	<20	<0.2	10	80	15
POW94T-10	1240	<5	<2	<200	<5	12	35	900	6	16.2	270	<5	<50	<20	2750	<200	<50	<0.2	90	<20	<0.2	8	160	12
POW94T-11	1380	<5	<2	<200	<5	10	37	1000	<2	17.0	160	<5	<50	<20	2610	<200	<50	<0.2	86	<20	<0.2	12	190	18
POW94T-12	187	<5	<2	<200	<5	<2	40	770	<2	14.3	280	<5	<50	<20	3470	<200	<50	<0.2	82	<20	<0.2	8	160	22
POW94T-13	173	<5	<2	<200	<5	19	31	990	<2	15.6	250	<5	<50	<20	3100	<200	<50	<0.2	99	<20	<0.2	11	130	25
POW94T-14	610	<5	<2	<200	<5	11	67	1100	<2	19.0	230	<5	<50	<20	2840	<200	<50	<0.2	110	<20	<0.2	6	150	14
POW94T-15	505	<5	<2	460	<5	<3	31	1100	<2	16.8	320	<5	<50	<20	2740	<200	<50	<0.2	97	<20	<0.2	11	200	31
POW94T-16	155	<5	17	<200	<5	<2	42	1900	<2	16.2	190	<5	<50	<20	3080	<200	<50	<0.2	84	<20	<0.2	10	130	22
POW94T-17	39	<5	14	<200	<5	6	44	1200	<2	16.4	160	<5	<50	<20	3450	<200	<50	0.5	89	<20	<0.2	7	110	11
POW94T-18	732	<5	8	<200	<5	15	45	890	<2	17.0	160	<5	<50	<20	3500	<200	<50	<0.2	91	<20	<0.2	10	120	13
POW94T-19	207	<5	9	<200	<5	<2	41	830	<2	16.7	220	<5	<50	<20	2950	<200	<50	1.3	90	<20	<0.2	9	150	20
POW94T-20	264	<5	13	<200	<5	<2	57	790	<2	16.2	260	<5	<50	<20	3090	<200	<50	1.2	84	<20	<0.2	8	130	13
POW94T-21	152	<5	<2	<200	<5	4	45	640	<2	14.2	180	<5	<50	<20	3300	<200	<50	<0.2	81	<20	<0.2	7	93	11
POW94T-22	86	<5	9	<200	<5	14	51	870	<2	16.5	190	<5	<50	<20	3440	<200	<50	1.9	86	<20	<0.2	9	140	19
POW94T-23	772	<5	<2	<200	<5	<2	28	1100	<2	14.2	130	<5	<50	<20	2340	<200	<50	<0.2	86	<20	<0.2	6	76	8.0
POW94T-24	160	<5	<2	<200	<5	<3	30	790	<2	15.2	360	<5	<50	<20	4800	<200	<50	<0.2	85	<20	<0.2	8	170	27
POW94T-25	269	<5	<2	<200	<5	<2	46	1400	<2	16.1	300	<5	<50	<20	3890	<200	<50	<0.2	86	<20	<0.2	8	160	13
POW94T-26	97	<5	16	540	<5	<2	58	3900	<2	15.1	150	<5	<50	<20	3050	<200	<50	<0.2	86	<20	<0.2	4	78	8.6
POW94T-27	986	<6	11	490	<5	<3	60	1400	<2	22.0	300	<5	<50	<20	3840	<200	<50	1.9	110	<20	<0.2	15	230	32
POW94T-28	783	<6	38	1500	<5	<4	110	7600	<2	23.2	540	<5	<50	<20	3370	<200	<50	<0.3	110	<20	<0.2	13	270	28
POW94T-29	6440	<7	<3	<210	<5	<4	43	5100	<2	23.4	650	<5	<50	<20	2580	<200	<50	<0.3	110	<20	<0.2	18	380	34
POW94T-30	6	<5	<2	<200	<5	9	28	850	5	15.7	330	<5	<50	<20	2590	<200	<50	1.2	87	<20	<0.2	10	220	28
POW94T-31	76	<5	14	<200	<5	14	33	840	<2	16.8	240	<5	<50	20	2870	<200	<50	1.6	97	<20	<0.2	8	180	20
POW94T-32	650	<5	<2	<200	<5	<2	42	1600	5	18.5	380	<5	<50	<20	2700	<200	<50	<0.2	97	<20	<0.2	14	240	25
POW94T-33	44	<5	20	<200	<5	11	53	1400	<2	20.2	220	<5	<50	<20	2050	460	<50	<0.2	100	<20	<0.2	7	120	15
POW94T-34	94	<5	20	<200	<5	8	76	4800	3	20.5	260	<5	<50	<20	2230	<200	<50	<0.2	92	<20	<0.2	9	140	14
POW94T-35	687	<5	<2	<200	<5	<3	56	3000	<2	19.8	310	<5	<50	<20	2250	<200	<50	<0.2	96	<20	<0.2	10	180	17
POW94T-36	65	<5	6	<200	<5	8	25	550	<2	12.3	150	<5	<50	<20	2510	<200	<50	1.3	73	<20	<0.2	7	83	14
POW94T-37	200	<5	<2	<200	<5	7	39	1000	<2	17.2	290	<5	<50	20	1650	490	<50	<0.2	98	<20	<0.2	5	150	17
POW94T-38	79	<5	<2	<200	<5	<3	28	830	<2	15.3	380	<5	<50	26	4310	<200	<50	1.8	83	<20	<0.2	8	250	34
POW94T-39	7780	<5	<2	<200	<5	11	39	730	<2	15.5	190	<5	<50	<20	4560	<200	<50	<0.2	87	<20	<0.2	<1	130	17
POW94T-40	199	<5	<2	<200	<5	9	30	570	<2	12.7	160	<5	<50	<20	3770	<200	<50	<0.2	73	<20	<0.2	7	100	14
POW94T-41	179	<5	<2	<200	<5	15	33	1000	<2	17.3	360	<5	<50	<20	2960	<200	<50	<0.2	90	<20	<0.2	11	250	36
POW94T-42	437	<5	14	<200	<5	7	61	950	<2	19.0	150	<5	<50	<20	3060	<200	71	1.5	89	<20	<0.2	8	85	6.9
POW94T-43	318	<6	<2	<200	<5	9	50	1000	<2	19.0	220	<5	<50	<20	5150	<200	<50	1.5	110	<20	<0.2	10	140	21
POW94T-44	139	<5	11	<200	<5	<3	46	880	<2	18.3	190	<5	<50	<20	4280	<200	<50	1.1	100	<20	<0.2	<1	130	21
POW94T-45	176	<6	13	<200	<5	<3	35	1800	<2	21.4	260	<5	<50	<20	2400	<200	<50	1.2	100	<20	<0.2	15	290	23

Activation Laboratories Ltd. Work Order: 7462 Report: 7367

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	TA PPM	TH PPM	U PPM
POW94T-46	238	<6	<3	850	<5	<4	47	3100	<2	26.8	340	<5	<50	<20	1430	<200	<50	0.9	120	<20	<0.2	13	280	24
POW94T-47	661	<5	<2	<200	<5	7	42	1200	<2	20.5	220	<5	<50	<20	2010	<200	<50	<0.2	110	<20	<0.2	10	160	14
POW94T-48	6210	<5	<2	<200	<5	9	41	790	<2	16.0	120	<5	<50	<20	2100	<200	<50	<0.2	95	<20	<0.2	8	63	8.8
POW94T-49	62	<5	9	990	<5	12	48	730	<2	15.0	72	<5	<50	<20	2600	<200	<50	0.8	86	<20	<0.2	5	38	4.8
BEN94T-84	10	<5	7	<200	<5	8	40	570	<2	15.7	140	<5	<50	<20	3220	<200	<50	<0.2	90	<20	<0.2	3	61	7.8
BEN94T-85	71	<5	300	<200	<5	<2	34	260	<2	45.1	42	<5	<50	<20	1520	<200	<50	16	23	<20	<0.2	<1	28	6.0
BEN94T-86	72	<6	180	<200	<5	<6	210	370	<2	56.0	130	<5	<50	41	2990	870	<50	21	41	<20	<0.2	<1	59	<1.3
BEN94T-87	5	<5	18	<200	<5	<2	47	780	<2	17.2	130	<5	<50	<20	3450	590	<50	0.9	86	<20	<0.2	4	67	7.1

Activation Laboratories Ltd. Work Order: 7462 Report: 7367

Sample description	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
POW94T-1	<5	260	310	580	250	39	8.8	8	30.8	4.3	9.601
POW94T-2	<4	<200	390	680	250	40	6.2	6	32.0	4.6	10.61
POW94T-3	<5	<200	450	870	290	48	7.7	<2	35.8	6.1	25.21
POW94T-4	<5	200	420	730	300	47	9.1	<2	30.5	4.5	9.904
POW94T-5	<6	230	530	820	360	49	9.3	6	36.0	5.7	12.13
POW94T-6	<4	<200	250	450	190	30	6.7	7	26.8	3.8	14.93
POW94T-7	<5	<200	470	800	320	50	8.2	6	32.4	4.9	10.04
POW94T-8	<4	230	270	490	210	35	7.9	6	25.7	3.7	9.843
POW94T-9	<4	306	210	460	180	31	7.8	5	24.3	4.1	30.98
POW94T-10	<6	210	450	690	260	42	7.8	<2	29.0	4.3	13.50
POW94T-11	<5	<200	410	720	270	38	6.6	<2	28.6	5.1	46.74
POW94T-12	<4	<200	370	710	240	40	8.0	7	29.1	5.3	25.10
POW94T-13	<5	212	330	660	270	41	9.8	8	33.0	5.5	19.81
POW94T-14	<6	<200	420	750	350	51	10.0	7	32.4	4.8	7.484
POW94T-15	<5	<200	480	920	330	52	10.3	<2	38.0	6.2	20.30
POW94T-16	<5	393	300	610	220	36	7.6	<2	29.2	5.2	20.01
POW94T-17	<5	232	250	530	190	33	7.8	<2	27.4	4.8	20.06
POW94T-18	<4	<200	290	580	220	35	7.7	6	29.8	4.9	25.61
POW94T-19	<5	263	360	730	240	41	8.9	7	31.7	5.4	21.98
POW94T-20	<5	<200	390	610	230	37	7.5	<2	25.3	3.9	17.04
POW94T-21	<4	<200	270	470	200	32	6.2	<2	23.5	3.4	15.41
POW94T-22	<4	<200	320	660	230	37	8.0	<2	29.1	5.0	25.86
POW94T-23	<5	<200	220	380	130	25	4.6	<2	24.2	3.3	15.95
POW94T-24	<6	240	500	790	340	48	8.8	<2	29.8	4.6	11.24
POW94T-25	<6	230	460	720	310	44	7.3	<2	25.8	4.6	13.50
POW94T-26	<5	<200	240	420	170	27	6.8	<2	20.4	3.0	16.06
POW94T-27	<6	<200	520	1000	340	57	10.2	<2	44.9	7.5	16.53
POW94T-28	<8	<200	750	1300	540	75	10.9	13	45.5	6.8	4.306
POW94T-29	<9	<200	1000	1700	680	95	11.3	8	51.3	7.9	4.090
POW94T-30	<4	<200	520	900	250	46	8.6	6	31.4	5.4	52.21
POW94T-31	<5	202	400	750	270	41	8.5	<2	31.3	5.7	39.08
POW94T-32	<6	<200	630	1100	460	65	9.6	8	37.9	5.5	8.146
POW94T-33	<6	<200	320	590	240	37	7.6	<2	35.4	5.0	7.746
POW94T-34	<5	210	390	740	310	48	8.3	7	31.8	4.8	7.145
POW94T-35	<6	280	510	790	310	48	8.7	8	33.5	5.1	13.35
POW94T-36	<4	212	230	450	160	28	7.1	5	22.0	4.0	61.27
POW94T-37	<6	230	440	700	270	41	7.6	7	30.2	4.4	16.09
POW94T-38	<5	<200	600	1100	340	55	8.5	<2	32.5	6.1	40.90
POW94T-39	<4	232	310	620	220	38	7.6	<2	26.6	4.7	29.06
POW94T-40	<4	252	260	480	160	30	6.0	5	21.8	3.7	41.02
POW94T-41	<5	<200	540	1000	340	53	8.9	<2	36.9	6.2	22.72
POW94T-42	<5	230	240	410	150	26	5.9	5	22.0	3.4	16.01
POW94T-43	<6	312	350	750	310	47	11.0	<2	34.6	6.0	17.34
POW94T-44	<5	320	300	650	250	39	8.4	7	31.9	5.3	19.70
POW94T-45	<6	274	600	1100	320	50	7.2	<2	36.1	6.3	31.46

Activation Laboratories Ltd. Work Order: 7462 Report: 7367

Sample description	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
POW94T-46	<8	<200	700	1200	480	65	8.8	8	46.2	7.1	4.703
POW94T-47	<6	280	420	680	270	39	7.0	7	35.1	5.4	14.85
POW94T-48	<6	<200	210	380	170	28	7.8	5	25.5	3.8	12.16
POW94T-49	<4	<200	130	260	110	19	5.3	4	16.8	2.4	11.79
BEN94T-84	<4	<200	190	330	140	23	5.4	<2	18.1	2.5	15.06
BEN94T-85	<4	<200	61	140	56	7.5	2.2	<2	5.6	1.1	22.56
BEN94T-86	<8	440	170	350	140	20	5.0	<2	10.1	2.0	1.661
BEN94T-87	<4	<200	200	350	130	22	5.0	4	17.7	2.6	12.73

Activation Laboratories Ltd. Work Order: 7462 Report: 7367B

SAMPLE #	Ag PPM	Cu PPM	Ni PPM	Zn PPM	Cd PPM	Mn PPM	Pb PPM
POW94T-1	<0.2	21	38	34	<0.5	148	6
POW94T-2	<0.2	6	99	10	<0.5	102	12
POW94T-3	<0.2	6	27	7	<0.5	108	14
POW94T-4	<0.2	9	22	11	<0.5	172	8
POW94T-5	<0.2	12	21	8	<0.5	148	14
POW94T-6	<0.2	19	9	8	<0.5	142	22
POW94T-7	<0.2	11	13	10	<0.5	154	14
POW94T-8	<0.2	36	22	12	<0.5	164	10
POW94T-9	<0.2	42	16	30	<0.5	244	8
POW94T-10	<0.2	11	9	8	<0.5	132	16
POW94T-11	<0.2	15	15	11	<0.5	168	10
POW94T-12	<0.2	13	13	9	<0.5	142	10
POW94T-13	<0.2	5	5	13	<0.5	94	10
POW94T-14	<0.2	25	18	14	<0.5	204	14
POW94T-15	<0.2	13	10	7	<0.5	118	10
POW94T-16	<0.2	18	54	17	<0.5	682	8
POW94T-17	<0.2	19	18	10	<0.5	186	10
POW94T-18	<0.2	17	16	13	<0.5	150	10
POW94T-19	<0.2	18	16	13	<0.5	166	8
POW94T-20	<0.2	32	28	13	<0.5	174	8
POW94T-21	<0.2	16	13	11	<0.5	178	8
POW94T-22	<0.2	27	18	11	<0.5	168	8
POW94T-23	<0.2	5	7	7	<0.5	118	12
POW94T-24	<0.2	6	10	7	<0.5	126	10
POW94T-25	<0.2	21	41	11	<0.5	160	10
POW94T-26	<0.2	26	45	22	<0.5	180	8
POW94T-27	<0.2	25	44	15	<0.5	218	10
POW94T-28	<0.2	44	135	13	<0.5	374	4
POW94T-29	<0.2	2	22	5	<0.5	62	8
POW94T-30	<0.2	5	9	8	<0.5	138	12
POW94T-31	<0.2	5	12	8	<0.5	136	10
POW94T-32	<0.2	10	83	10	<0.5	234	14
POW94T-33	<0.2	14	32	15	<0.5	218	16
POW94T-34	<0.2	37	64	40	<0.5	188	14
POW94T-35	<0.2	17	51	25	<0.5	180	14
POW94T-36	<0.2	9	13	10	<0.5	136	6
POW94T-37	<0.2	9	8	7	<0.5	110	12
POW94T-38	<0.2	7	8	9	<0.5	110	10
POW94T-39	<0.2	7	11	8	<0.5	116	8
POW94T-40	<0.2	6	11	11	<0.5	160	8

Activation Laboratories Ltd. Work Order: 7462 Report: 7367B

SAMPLE #	Ag PPM	Cu PPM	Ni PPM	Zn PPM	Cd PPM	Mn PPM	Pb PPM
POW94T-41	<0.2	14	9	8	<0.5	120	16
POW94T-42	<0.2	40	25	15	<0.5	248	8
POW94T-43	<0.2	19	15	11	<0.5	188	10
POW94T-44	<0.2	18	12	11	<0.5	130	6
POW94T-45	<0.2	13	9	9	<0.5	132	20
POW94T-46	<0.2	41	5	7	<0.5	134	10
POW94T-47	<0.2	9	13	10	<0.5	144	14
POW94T-48	<0.2	11	11	8	<0.5	126	12
POW94T-49	<0.2	56	29	22	<0.5	208	14
BEN94T-84	<0.2	10	15	16	<0.5	214	4
BEN94T-85	<0.2	87	28	49	<0.5	8170	24
BEN94T-86	<0.2	274	152	127	<0.5	586	24
BEN94T-87	<0.2	22	20	36	<0.5	374	6

APPENDIX F-3

Source Fingerprints of Pebbles and Gold Grains in Selected Overburden Samples

OVERBURDEN DRILLING MANAGEMENT LIMITED

December 23, 1994

Mr. Mike Koziol
CAMECO CORPORATION
1349 Kelly Lake Road
Unit #6
Sudbury, Ontario
P3E 5P5

Dear Mr. Koziol:

Re: Source Fingerprints of Pebbles and Gold Grains in Selected Overburden Samples, Powell Township, Ontario

We have completed our binocular microscope examination of the pebbles and our SEM study of the visible gold grains from your five selected samples in the above project area and are now able to report the results obtained. The sample locations are shown in Figure 1.

We used the 2 to 5 cm fraction for the pebble counts. At least forty pebbles of this size were present in each sample; therefore we standardized to 40 pebbles. To ensure that our classifications were accurate, we first cleansed the pebbles with oxalic acid. Also, I personally did the logging as I am familiar with the rock formations in the Powell area.

Pebbles having normal glacially sculpted shapes and occasional striated surfaces -- i.e. till pebbles -- are present in all samples but in some cases do not constitute the entire pebble population. As shown in Table 1, basalt pebbles are always dominant. Many are plagioclase-phyric or show other features (e.g flow-fragmental structures) which are characteristic of the local basalt horizons and atypical of Abitibi-wide basalts. Less abundant local lithologies include porphyry, syenite and diabase. Ultramafic pebbles are restricted to Sample 01. Greywacke pebbles are rare. Granitic pebbles are moderately abundant. Most appear to be derived from relatively proximal plutons as gneissic phases from the north edge of the Abitibi GreenstoneBelt are absent.

All samples contain at least a few sheared basalt pebbles as expected in a basalt-dominated district. In addition, two samples -- Nos. 01 and 46 -- contain distinctly anomalous concentrations of sheared pebbles of a specific lithology.

In Sample 01, the ultramafic component (18 percent of the pebble population) is a talc-serpentine schist. Importantly, the sheared pebbles are glacially-sculpted individuals, not weathered fragments of a large, erratic clast. The restriction of the ultramafic pebbles to Sample 01 and the universally sheared condition of these pebbles indicates that an ultramafic-hosted shear zone is present immediately up-ice.

Mines Are Where WE Find Them.

107-15 Capella Court Nepean, Ontario K2E 7X1 Tel. 613-226-1771 FAX 613-226-8753

In Sample 46, 93 percent of the pebbles are of sheared basalt. These pebbles are sharply angular and thus may be fragments produced by post glacial-weathering rather than glacial processes. However, they are not fragments of a single boulder because several different primary phases of basalt are discernible including aphyric, plagioclase-phyric and flow-fragmental. It is likely that Sample 46 was collected from weathered rubble directly above sheared bedrock. Some of the fragments are spotted with limonitized pyrite. The observed shearing and pyritization are consistent with the sheared outcrop face and IP anomaly you have identified immediately up-ice.

As in our earlier fingerprinting studies of gold grains for Vlad Sopuck of your Saskatoon office, we pre-examined the grains by binocular microscope, counted the grains and classified them by size and degree of wear (Table 2) when we processed the samples, then mounted a representative population of each grain size (Table 3) for SEM study of grain habit (leafy, crystalline, blocky interstitial, dendritic, etc), gangue imprints (striated pyrite molds, slotted mica molds, etc.), surface inclusions, surface gold fineness, core inclusions and core gold fineness.

The gold grains from Sample 01 are of particular interest since laboratory contamination is always a concern in the first sample of a new series. Our laboratory records for equipment cleanup during the changeover from the previous sample series are sketchy because the samples were not anomalous. However, we always run a blank sample between sample series and the gold particles in Sample 01 display a normal size distribution, ranging up to 150 microns wide, whereas laboratory carryover is normally characterized by grains finer than 25 microns.

Of the original 77 grains, 38 were mounted for SEM study. Although essentially pristine (Plate 1), many of the grains show slight modification indicating that they were liberated by glaciation of bedrock rather than post-glacial weathering of an erratic mineralized boulder. The larger grains tend to be of a leafy habit (Plates 1a to 1d) whereas the smaller grains often have the blocky form of interstitial gold (Plate 1e). With a few exceptions, the grains have a uniform core fineness of 860 to 875 (Table 4). Surface fineness tends to be slightly higher and more erratic, probably as a result of silver leaching during postglacial weathering of the till.

The essentially pristine condition, distinctive morphology and uniform core fineness of the Sample 01 gold grains denote a single very proximal source, probably the pebble-indicated ultramafic shear zone. Many of the gold grains contain gangue inclusions which are helpful in establishing a link with the shear zone. Most of the inclusions are of Fe-chlorite but one core inclusion of Fe-talc was found and the talc in the sheared pebbles is of the same variety. Inclusions of albite and epidote were also identified. The overall alteration assemblage suggests mineralization of the Lightning Zone type (sheared mafic-ultramafic contact). The gold grain surfaces lack striated isometric molds; thus pyrite does not appear to be an important gangue mineral and the shear zone may not be conductive.

The gold grains in Sample 46 are of similar interest because they too were obtained from a sample containing abundant sheared fragments and were recorded as pristine in our preliminary binocular microscope examinations (Table 2). Almost all of the grains are less than 25 microns wide, and 53 of the original 134 grains of this size were mounted for SEM study. Of these, 50 are pristine, one is modified and one is a reshaped grain of the regional background population.

.../p. 3

The pristine grains are all of a simple blocky shape (Plate 2) and are clearly derived from one bedrock source or boulder. Their fineness (Table 4) is more variable than in Sample 01 but some gold zones such as your Bakos Zone in Saskatchewan have an uneven gold fineness. Although the blocky form of gold is often found in association with pyrite and some of the sheared basalt fragments in Sample 46 contain a little disseminated pyrite, the gold grains do not have any surface molds indicative of a pyrite association, and micropanning of the rusty residue obtained by washing the basalt fragments in oxalic acid did not yield any additional gold grains. Unfortunately the gold grains do not contain inclusions of any kind, probably because they are so small, and it is impossible to prove that they are from the pebble-indicated shear zone in the underlying basalt although this is probably the case. More gold grains are present than in Sample 01 but the very small size of the grains reduces the strength of the anomaly and the shear zone may be only weakly mineralized.

The 66 gold grains from Sample 45 are of interest due to their marked physical contrast with the grains of Samples 01 and 46. They have a coarser average size (Fig. 2) and most were classified as reshaped in our preliminary binocular microscope examinations (Table 2). SEM study of 26 representative medium-sized grains (25 to 125 microns wide) confirmed that all are reshaped as shown by the examples in Plate 3 although some have soil-filled folds or cavities (Plates 3b, c) and one has pristine areas (Plate 3d) from which soluble gangue was leached after glacial transport and deposition. The core fineness of the gold grains is extremely variable, ranging randomly from 700 to 950 (Table 4), and surface fineness is generally high indicating extensive post-glacial leaching of silver. The reshaped condition, large average size and variable fineness of the gold grains indicate a background population unrelated to the dispersal trains of Samples 01 and 46. The unusually large number of background grains at this site is probably due to placer activity as you reported that you collected the sample from a saddle in a small isolated bedrock outcrop surrounded by sand. However, the placer must be immature as the pebbles have retained their glacially sculpted subangular shapes and striated facets.

Samples 11 (129 gold grains) and 38 (91 grains) were not studied in detail because the budget was limited and our binocular microscope classifications indicated a dominance of reshaped grains (Table 2). Quick SEM examinations of representative grains (Table 3) established that an even higher proportion of the grains are reshaped but no fineness measurements were taken. Sample 11 was collected down-ice from Sample 01 but the gold grain sizes (Fig. 2) as well as shapes (Table 3) more closely match those of the background population in Sample 45.

In summary, the gold grains in Sample 01 appear to be from a well-mineralized, proximal, ultramafic hosted shear zone, those in Sample 46 appear to be from a separate, less well-mineralized, proximal, basalt-hosted shear zone and those in Sample 45 are background grains concentrated by placer activity. The overall gold grain background of your Powell property is high due to the generally high fertility of the area and this impedes interpretation of mixed wear populations such as those in Samples 11 and 38.

Please call me if you have any questions.

Yours sincerely,

S.A. Averill, President

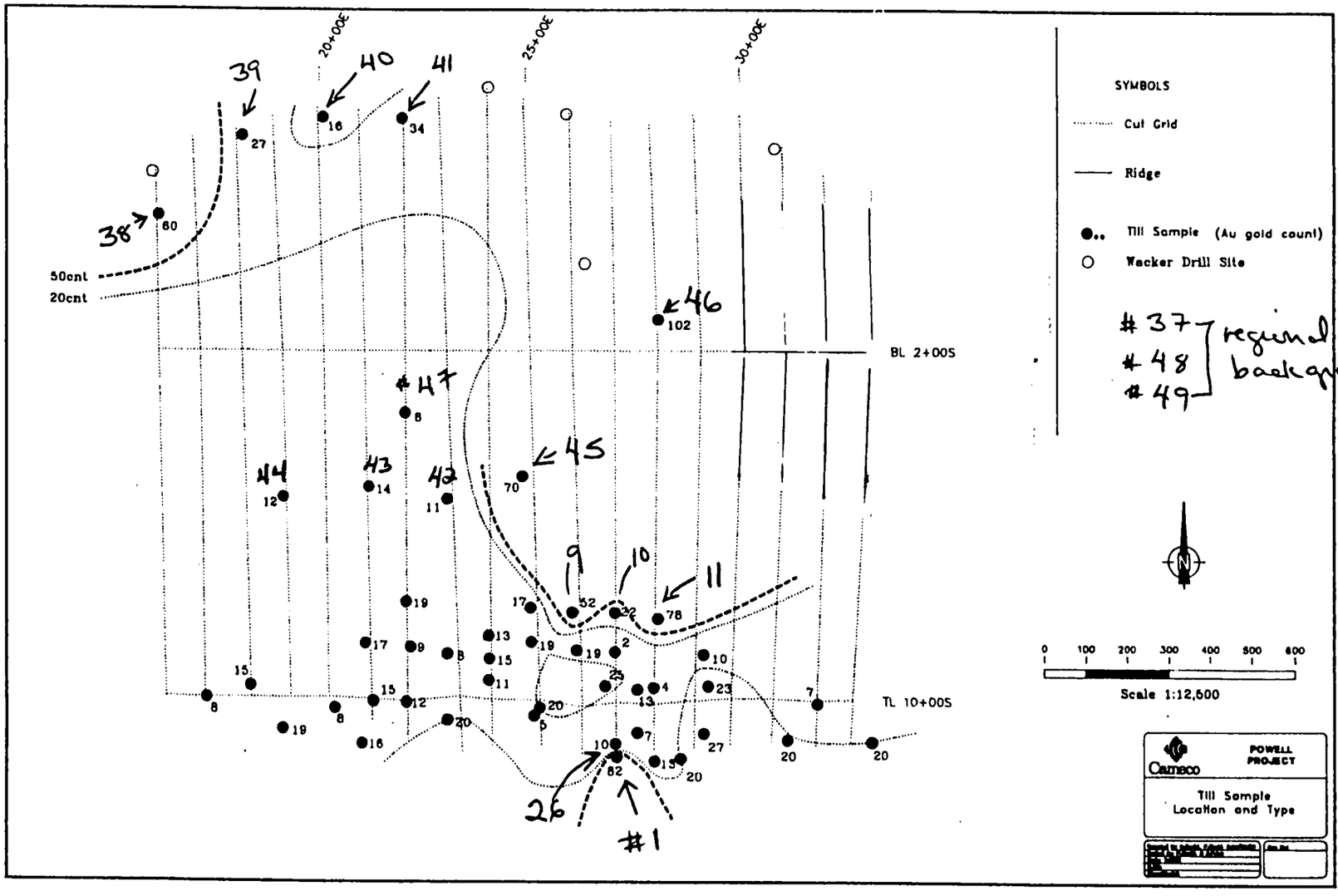


Figure 1 – Sample locations and normalized gold abundances

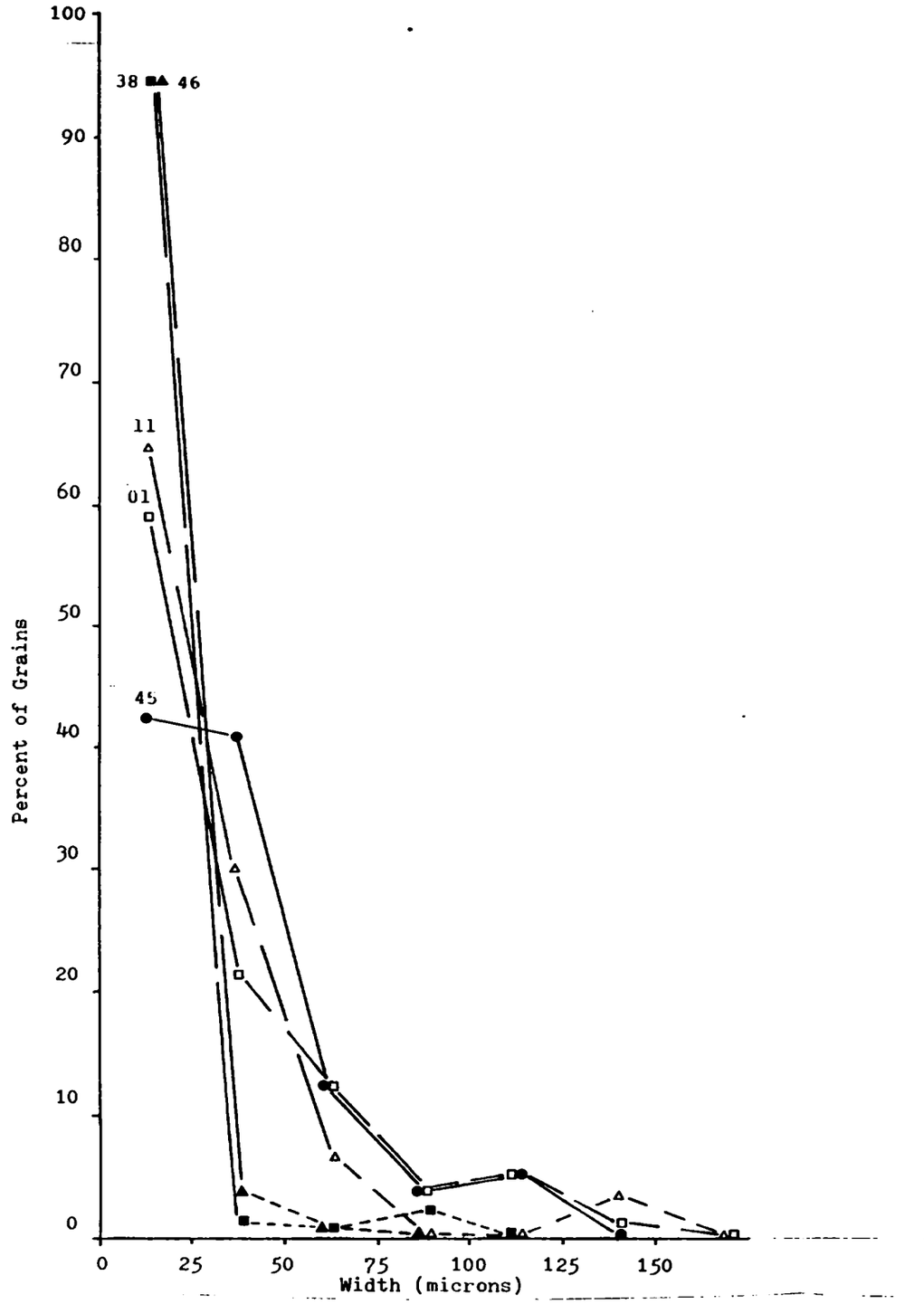


Figure 2 – Gold grain size distribution of Samples POW-94-T-01, 11, 38, 45 and 46

Sample No.	Percent of Total Pebbles									
	Basalt	Sheared Basalt	Intermed. Volc.	Ultramafic Volc.	Greywacke	Porphyry	Syenite	Granite	Diabase	Quartz Vein
POW-95-T										
01	58	5	0	18	2	2	5	7	3	0
11	55	5	5	0	0	5	3	15	8	0
38	43	10	13	0	2	0	2	23	0	2
45	55	10	13	0	0	0	0	20	2	0
46	2	93	0	0	0	0	0	0	5	0

Table 1 – Lithologies for 2 to 5 cm pebble fraction

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
POW-94-T									
01	77	1	23	53	13.1	4331	77	1805	2449
11	129	108	18	3	63.0	2433	2143	161	129
38	91	55	23	13	57.4	254	211	32	10
45	66	61	1	4	43.1	967	943	1	24
46	134	13	0	121	6.4	848	293	0	555

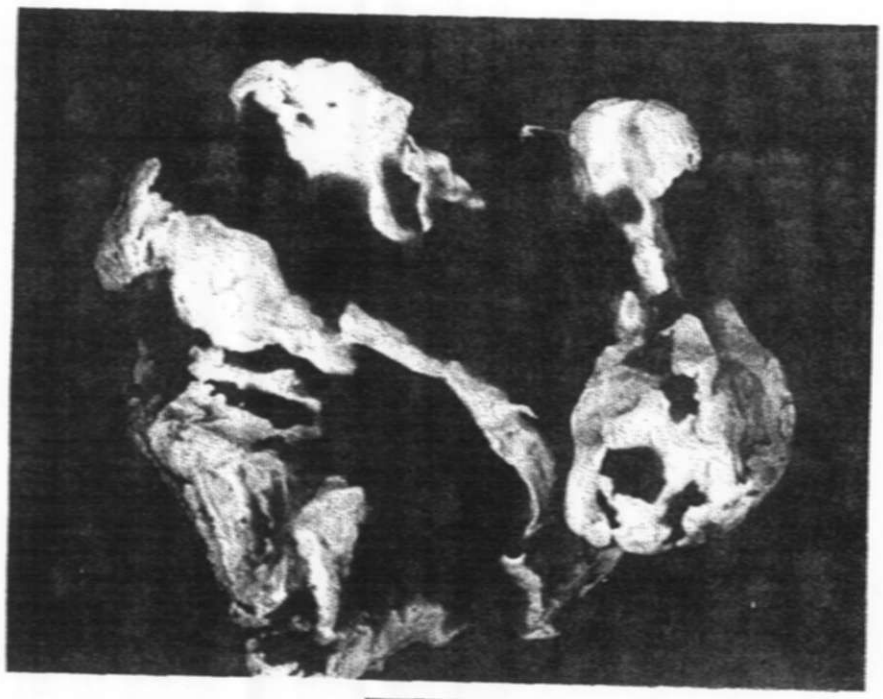
Table 2 – Binocular microscope gold grain descriptions

Sample No.	Number of Coarse Grains (>100 uM wide)				Number of Medium Grains (25-100 uM wide)				Number of Fine Grains (<25 uM)			
	Total	Reshaped	Modified	Pristine	Total	Reshaped	Modified	Pristine	Total	Reshaped	Modified	Pristine
PON-94-T												
01	7	0	0	7	19	1	5	13	12	0	0	12
11	-	-	-	-	38	34	3	1	28	24	1	3
38	-	-	-	-	14	11	3	0	38	34	4	0
45	-	-	-	-	26	26	0	0	16	14	0	2
46	-	-	-	-	4	2	1	1	53	2	0	51

Table 3 – Summary of SEM gold grain classifications

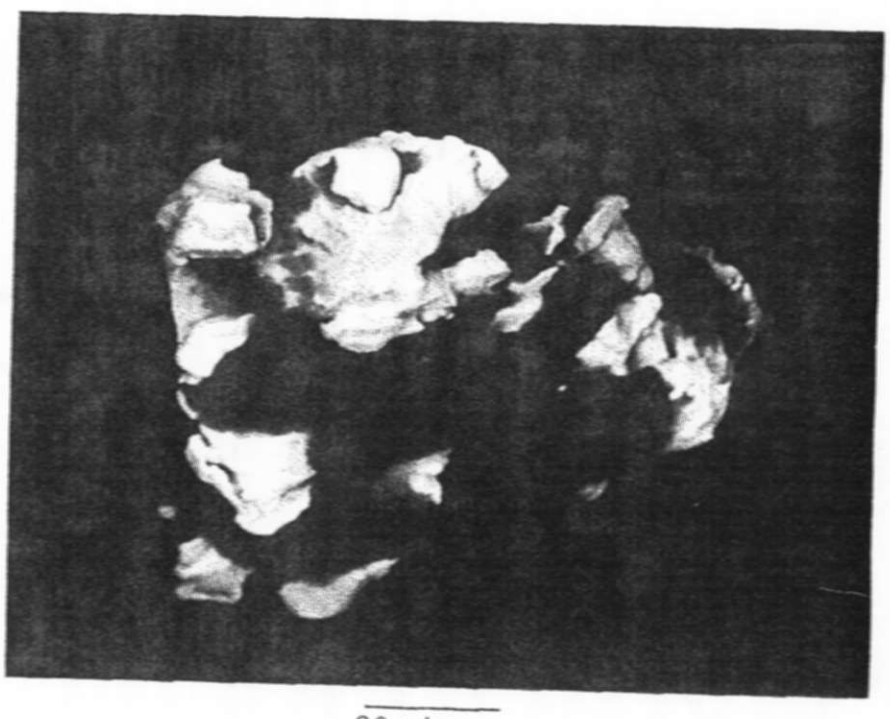
Sample No.	Fineness		Interior Associations	Exterior Associations
	Interior	Exterior		
Polished-1				
01	880	870		
	885	880		Chlorite (x1), tr. epidote, tr. sericite
	865	875	Chlorite (x2)	
	870	870	Chlorite (x4)	Chlorite (x3)
	870	–		
	875	875		
	875	870		
	875	875		
	880	865		
	880	870		
	880	885		
	890	870	Epidote (x1)	
	885	875	Muscovite (x5), Fe talc (x1)	
	900	910		
	910	870	Albite (x5), chlorite (x2)	Albite (x1), chlorite (x1)
	925	–		
	940	870	Albite (x5), chlorite (x1), tr. epidote	
	1000	955		
45	725	700		
	860	740		
	885	–		
	890	800		
	910	870		
	915/940	910		
	930	880		
	945	830		
	950	–		
	980	950		
	998	–		
	995	–		
	960	945		
46	720	805		
	785	–		
	800	–		
	825	840		
	835	–		
	845	860		
	850	–		
	850	895		
	885	–		
	885	–		
	890	900		
	905	905		
	910	910		
	930	935		
	960	960		

Table 4 – Fineness and Association/inclusion data for representative gold grains (fineness value = Au/(Au + Ag)x1000



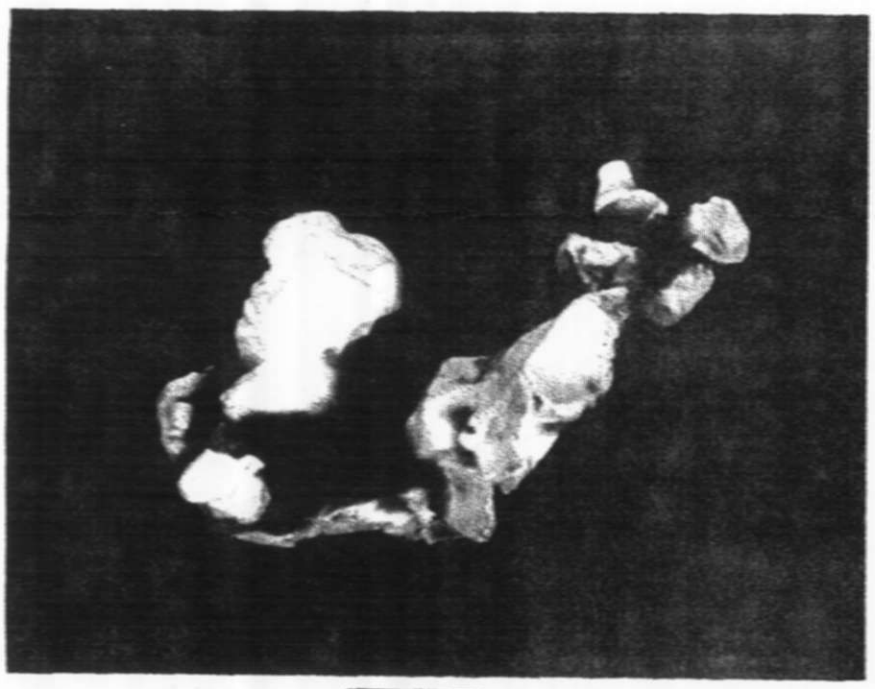
20 microns

Plate 1a – Large, slightly modified leaf with chlorite inclusions. Surface/core fineness = 910/870.



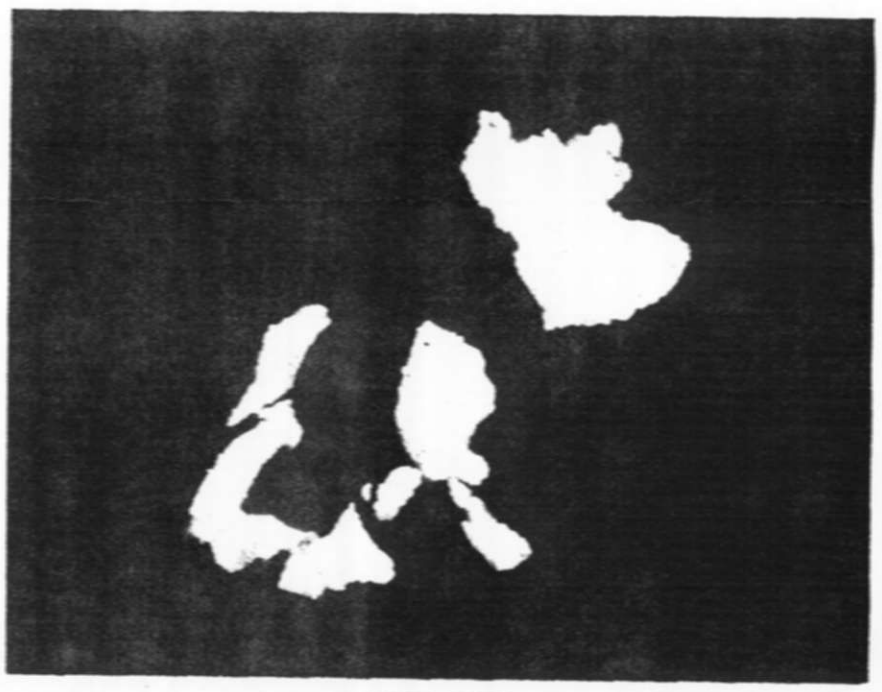
20 microns

Plate 1b – Large, very slightly modified leaf with chlorite inclusions. Surface/core fineness = 870/870.



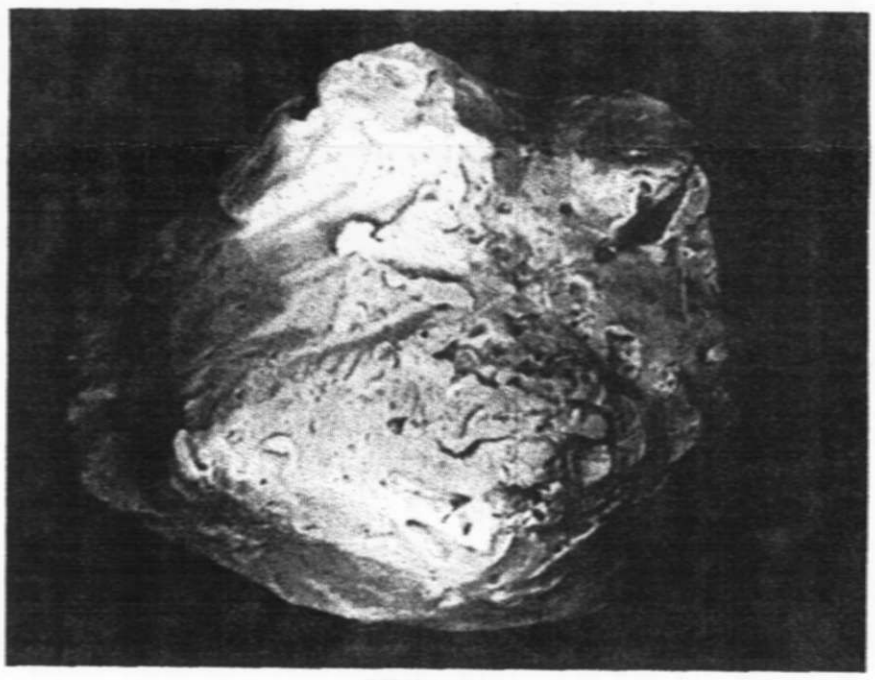
20 microns

Plate 1c – Large, very slightly modified leaf with chlorite inclusions. Surface/core fineness = 865/875.



20 microns

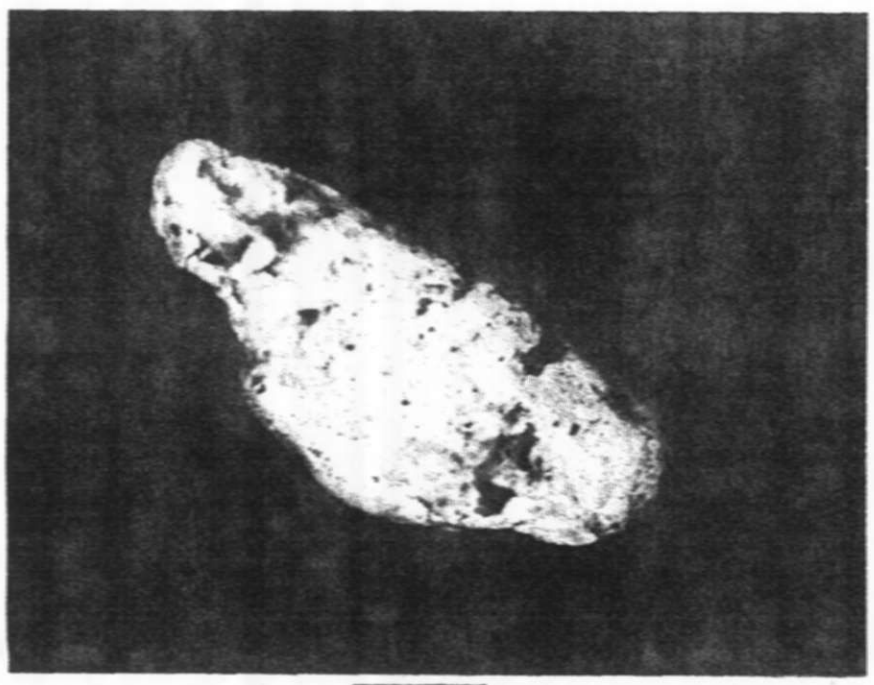
Plate 1d – Polished section of leaf with chlorite inclusions.



10 microns

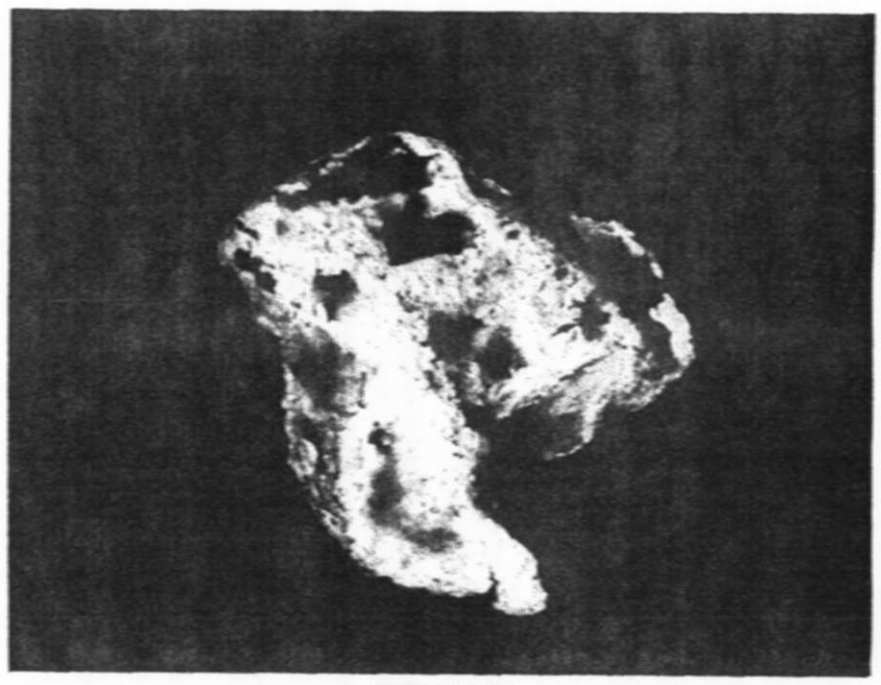
Plate 1e – Smaller, slightly modified blocky, interstitial-type grain. Surface/core fineness = 880/865.

Plate 1 – SEM photos of representative gold grains from Sample POW-94T-01



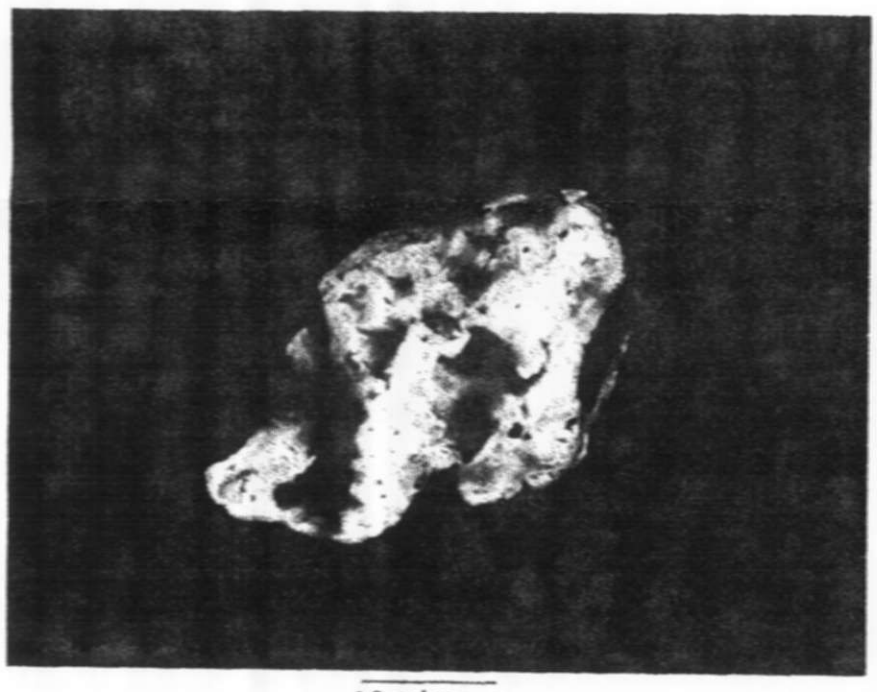
10 microns

Plate 3a – Thoroughly reshaped grain of unknown primary habit. Surface fineness = 995. Grain lost in polishing, therefore core fineness not available.



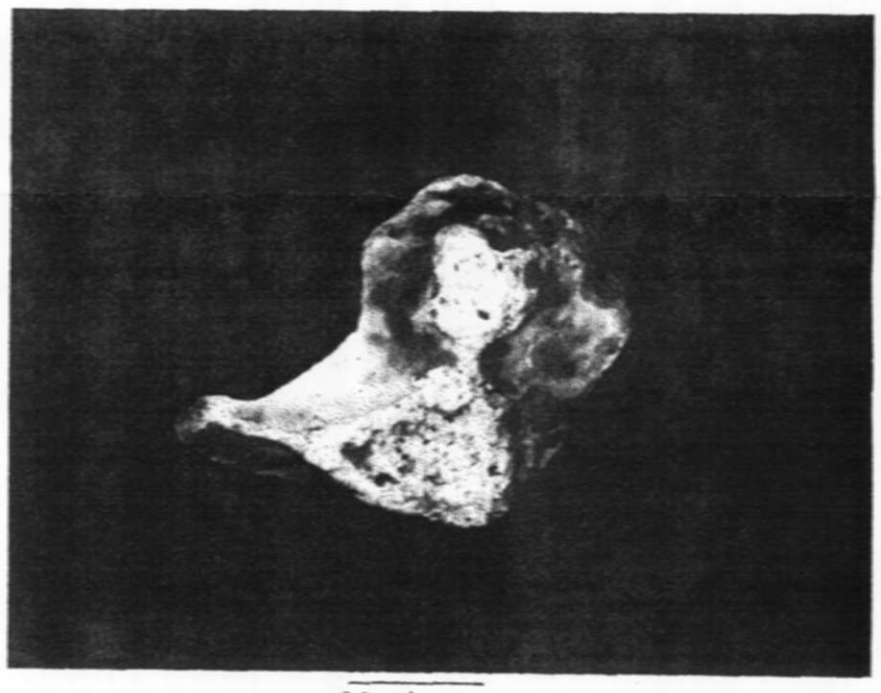
10 microns

Plate 3b – Thoroughly reshaped leaf with soil-filled folds o gangue cavities. Surface fineness = 885. Grain lost i polishing, therefore core fineness not available.



10 microns

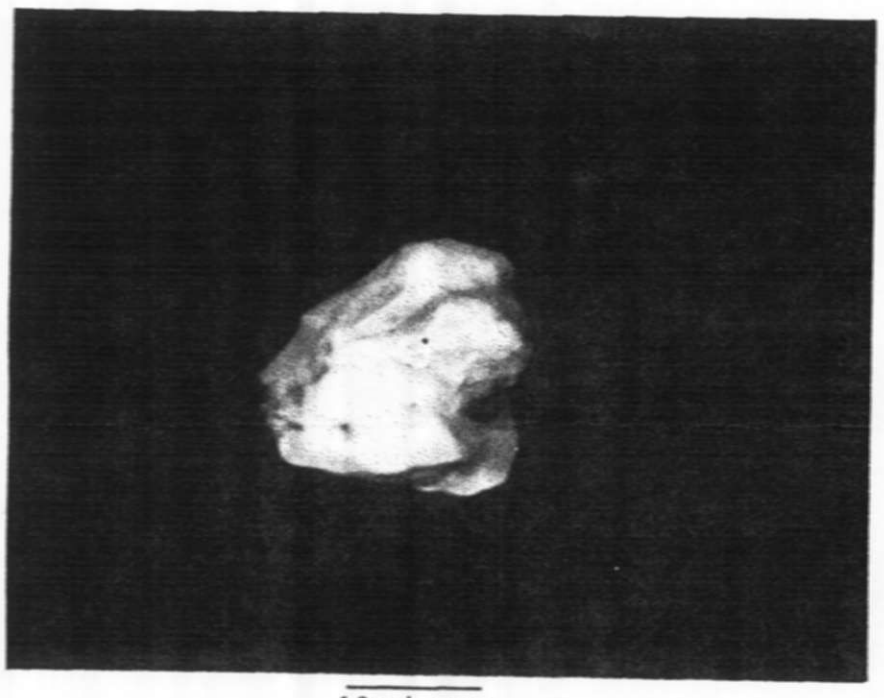
Plate 3c – Thoroughly reshaped leaf with soil-filled folds or gangue cavities. Surface/core fineness = 890/800.



20 microns

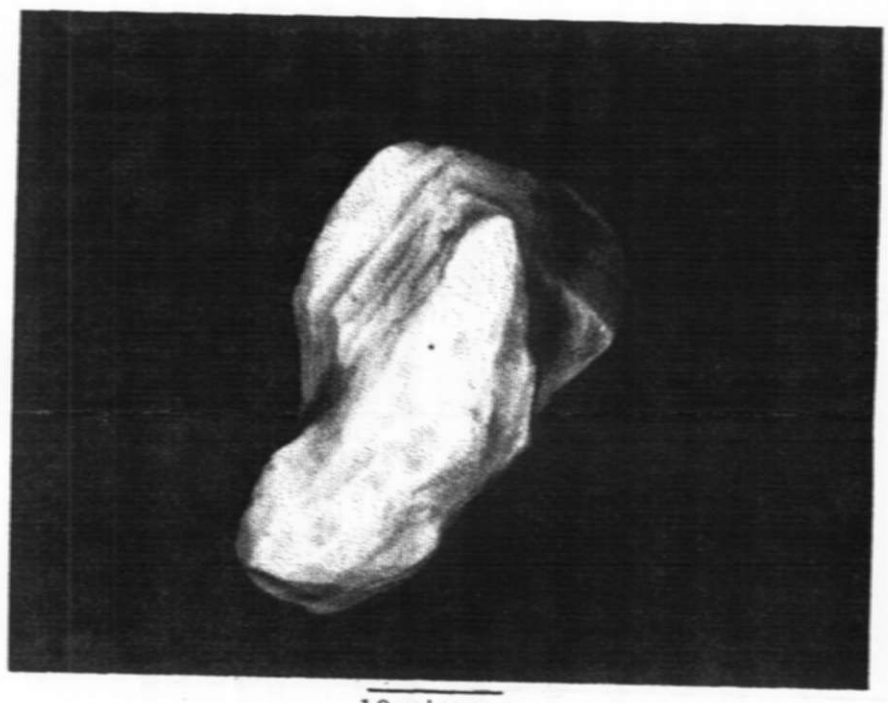
Plate 3d – Thoroughly reshaped grain with pristine areas formed by postglacial dissolution of soluble gangue minerals. Surface/core fineness = 940/910.

Plate 3 – SEM photos of representative gold grains from Sample POW-94T-45



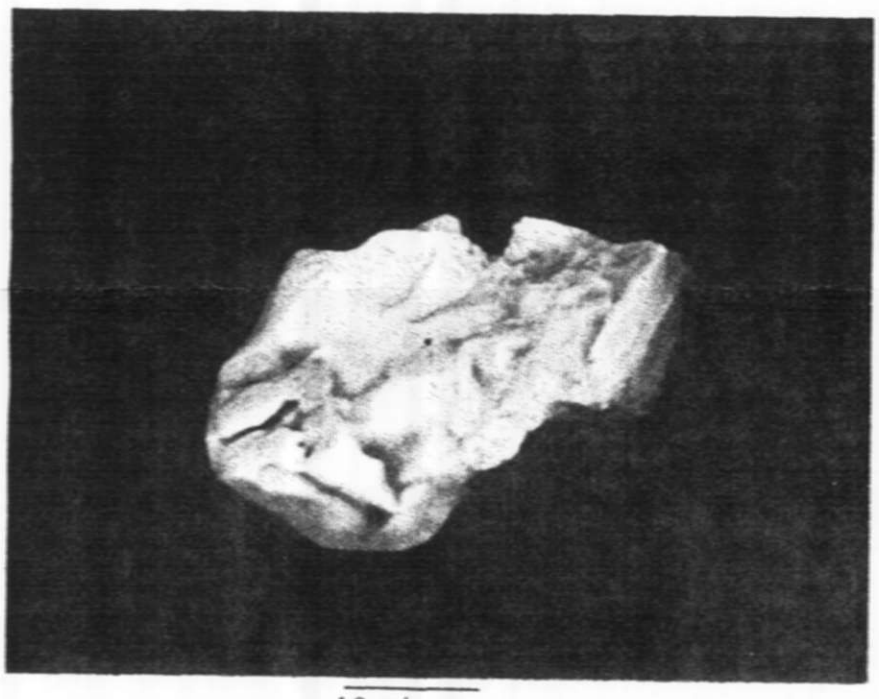
10 microns

Plate 2a – Small, pristine, blocky, interstitial–type gold grain. Surface/core fineness = 780/805.



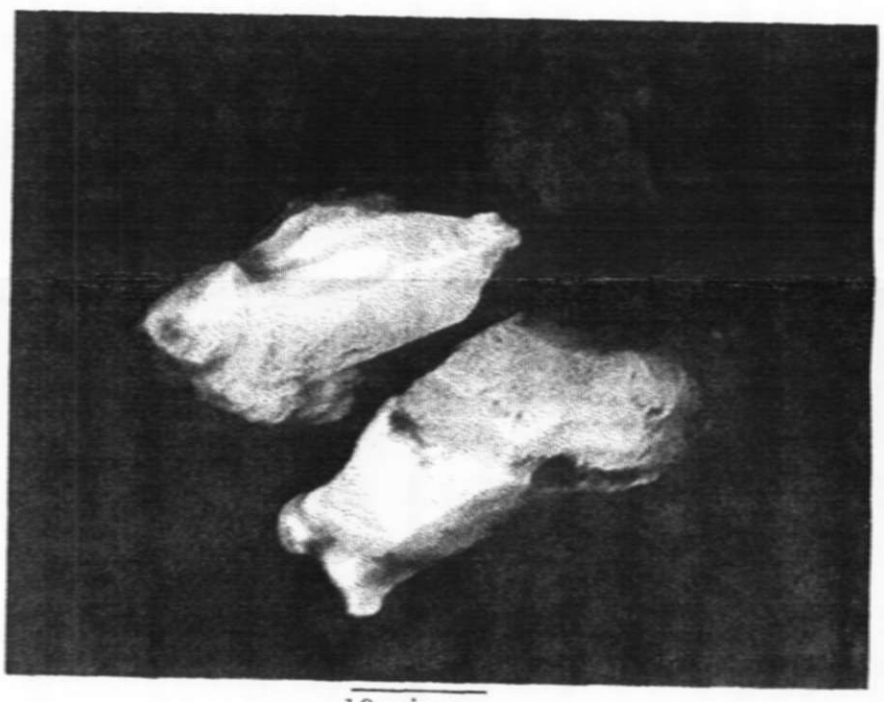
10 microns

Plate 2b – Small, pristine, blocky, interstitial–type gold grain. Surface fineness = 885. Grain lost in polishing, therefore core fineness not available.



10 microns

Plate 2c – Small, pristine, blocky, interstitial–type gold grain. Surface fineness = 785. Grain lost in polishing, therefore core fineness not available.



10 microns

Plate 2d – Two small, pristine, blocky, interstitial–type gold grain. Surface finenesses = 880 and 835. Grain lost in polishing, therefore core finenesses not available.

Plate 2 – SEM photographs of representative gold grains from Sample POW–94T–46

OVERBURDEN DRILLING MANAGEMENT LIMITED

January 06, 1995

Mr. Mike Koziol
CAMECO CORPORATION
1349 Kelly Lake Road
Unit #6
Sudbury, Ontario
P3E 5P5
Via Fax (705) 523-4571 (4 p.)

Dear Mr. Koziol:

Re: Pebble Lithologies in Infill Samples, Powell Township, Ontario

I have completed my pebble counts on the above six samples and thought you might be able to use this information while awaiting our SEM gold grain work. I have added the pebble data to Table 1 of my December 23 report to facilitate correlation with the five samples we studied earlier. The sample sites are shown on the geology map you sent; thanks for this information as it eases my job of explaining the results.

Five of the samples -- Nos. 04, 24, 25, 26 and 28 -- are 100 to 400 m south of the shear zone you identified in the field. All contain material compatible with this shear zone. In three cases, talc schist was identified but the main sheared lithology is basalt.

Sample 28 is of a rubble in which all fragments are sheared basalt. Deformation was of the brittle type, producing a breccia cemented by stockwork quartz veinlets up to 5 mm wide. The vein walls are schistose and often coated with fuchsite. Less deformation occurs between veinlets and a coarse-grained plagioclase-phyric basalt protolith is often recognizable. The basalt is rusty and slightly vuggy; it appears to have contained 1 to 2 percent pyrite before becoming weathered.

The other four samples south of the shear zone contain glacially transported pebbles instead of rubble fragments. Some sheared, veined pebbles were identified in all samples. The highest concentration -- 40 percent -- is in Sample 26 beside Sample 01 which yielded the best visible gold anomaly in our December study. These samples are 400 m south of your shear zone and may be on a second shear zone. The essentially pristine condition of the gold grains in Sample 01 also favours a southern shear zone, and the paucity of similar pristine grains to the north, especially in fuchsite-bearing sample No. 28, suggests that the southern zone is the best exploration target. Moreover, 20 percent of the pebbles in Sample 26 are of fractured siltstone containing 5-10 percent chloritoid, and Lovell's sediment-basalt contact passes nearby. Rusty, disseminated pyrite is present on the fracture surfaces.

.../p. 2

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Sample 27 north of your shear zone contains only a few sheared basalt pebbles of diverse (regional) types; quartz-veined pebbles are absent.

In summary, you appear to have more than one shear zone and these shear zones are probably of the sharply defined brittle type rather than the broad, diffuse ductile type. Ultramafic rocks were important shear controls but basalt is the main sheared and veined lithology. Hopefully our SEM gold grain studies will provide further clues but we won't have many grains to work with.

Please call me if you have any questions.

Yours sincerely,

S.A. Averill, President

Sample No.	Percent of Total Pebbles									
	Basalt	Sheared Basalt	Intermed. Volc.	Ultramafic Volc.	Greywacke	Porphyry	Syenite	Granite	Diabase	Quartz Vein
PCW-95-T										
01	58	5	0	18	2	2	5	7	3	0
11	55	5	5	0	0	5	3	19	8	0
38	48	10	13	0	2	0	2	23	0	2
45	55	10	13	0	0	0	0	20	2	0
46	2	93	0	0	0	0	0	0	5	0
04	43	7	7	3	3	3	14	17	3	0
24	68	12	12	4	0	0	8	8	0	0
25	63	11	11	0	20	0	3	3	0	0
26	28	40	40	0	8	0	0	2	2	0
27	63	10	10	2	0	2	3	18	2	0
28	0	100	0	0	0	0	0	0	0	0

Table 1 – Lithologies for 2 to 5 cm pebble fraction

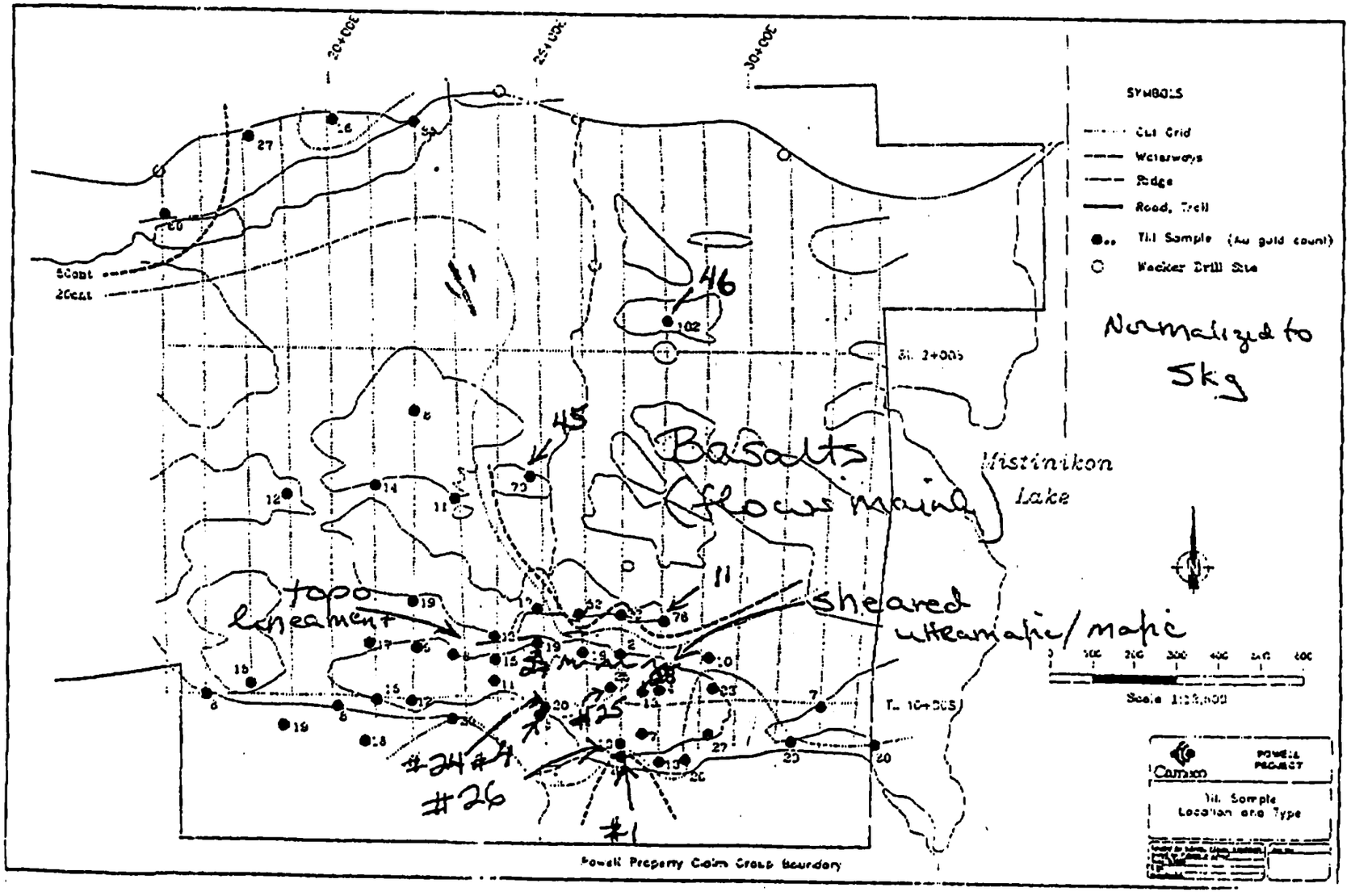

Figure 1 – Sample Location and Geology Map

OVERBURDEN DRILLING MANAGEMENT LIMITED

March 31, 1995

Mr. Mike Koziol
CAMECO CORPORATION
1349 Kelly Lake Road
Unit #6
Sudbury, Ontario
P3E 5P5

Dear Mr. Koziol:

Re: Source Fingerprints of Gold Grains in Infill Samples, Powell Township, Ontario

We have completed our SEM study of the gold grains from Samples POW-94-T-04, 24, 25, 26 27, 28 and 38 as requested. This study supplements our January 06, 1995 pebble lithology study of the first six listed samples. The pebbles from Sample 38 and four other samples were investigated in December, 1994. A gold grain study of these five samples was made at the same time but in the case of Sample 38, only the surface wear features of the grains were examined; no fineness or inclusion data was obtained.

Prior to submitting the samples, you had found field evidence of two E-W trending shear zones which I have designated Shear 1 and Shear 2 on Figure 1. In December, we showed that Sample 46 near Shear 1 in the north contains pristine gold but suggested that the shear mineralization is very weak because the overburden is mostly sheared rubble and the gold grains are very small. Further south, we identified coarser-grained pristine gold in genuine till in Sample 01 about 200 m south of Shear 2 but felt the source was immediately up-ice (i.e. within 50 m) rather than in Shear 2. Our January pebble lithology data also favoured this very southerly source which is shown as the hypothetical Shear 3 on Figure 1.

Five of the samples used in the present study -- Nos. 04, 24, 25, 26 and 28 -- are from the controversial area between Shear 2 and Shear 3. Sample 27 is from just north of Shear 2 and thus serves as a useful reference sample. Sample 38 is from a different lineament (creek) on the northwestern part of the property.

As shown in Table 1, our SEM wear classifications invariably prove that more of the gold grains are reshaped than our original binocular microscope classifications indicated and that only a few are modified or pristine. Representative examples from the four samples with the most gold grains -- Nos. 24, 25, 27 and 38 -- are shown in Plates 1 to 4, respectively. Evidently most of the grains are well-travelled background grains and neither Shear 2 nor the creek lineament in the northwest has contributed significant gold to the till. In the case of Shear 2, the lack of dispersed gold cannot be due to a lack of glacial erosion because we established in January that the till contains plenty of sheared mafic and ultramafic clasts including abundant fuchsite-bearing rubble in Sample 28.

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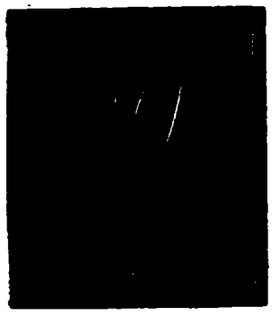
We limited our gold fineness and inclusion studies to Samples 24 and 25 between Shears 2 and 3, Sample 27 north of Shear 2 and Sample 38 in the far northwest because the other three samples between Shears 2 and 3 contained too few gold grains. As shown in Table 2, surface gold fineness in the four studied samples ranges widely and randomly between about 600 and 1000. This is typical of background gold grains derived from diverse sources. Core fineness is generally similar or somewhat lower, indicating some leaching of silver from the grain surfaces. Surface inclusions are absent although soil-filled folds and gangue cavities are common (Plates 1b, 2b, 3b, 4b). No core inclusions were found, perhaps due to the very small size of most of the gold grains. In contrast, the pristine to slightly modified gold grains of Sample 01 studied in December contain numerous inclusions of Fe-chlorite and Fe-talc.

In summary, neither Shear 2 nor the creek lineament in the northwest appears to contain significant concentrations of gold. The source of the pristine to slightly modified gold grains of Sample 01 is probably our proposed Shear 3 along the contact between northern mafic to ultramafic volcanics and southern Timiskaming Group sediments provided the grains occur naturally in the till matrix and were not weathered from a clast in the till. You could collect a couple of check samples about 10 m from the original till pit to confirm this.

Please call me if you have any questions.

Yours sincerely,

S.A. Averill, President



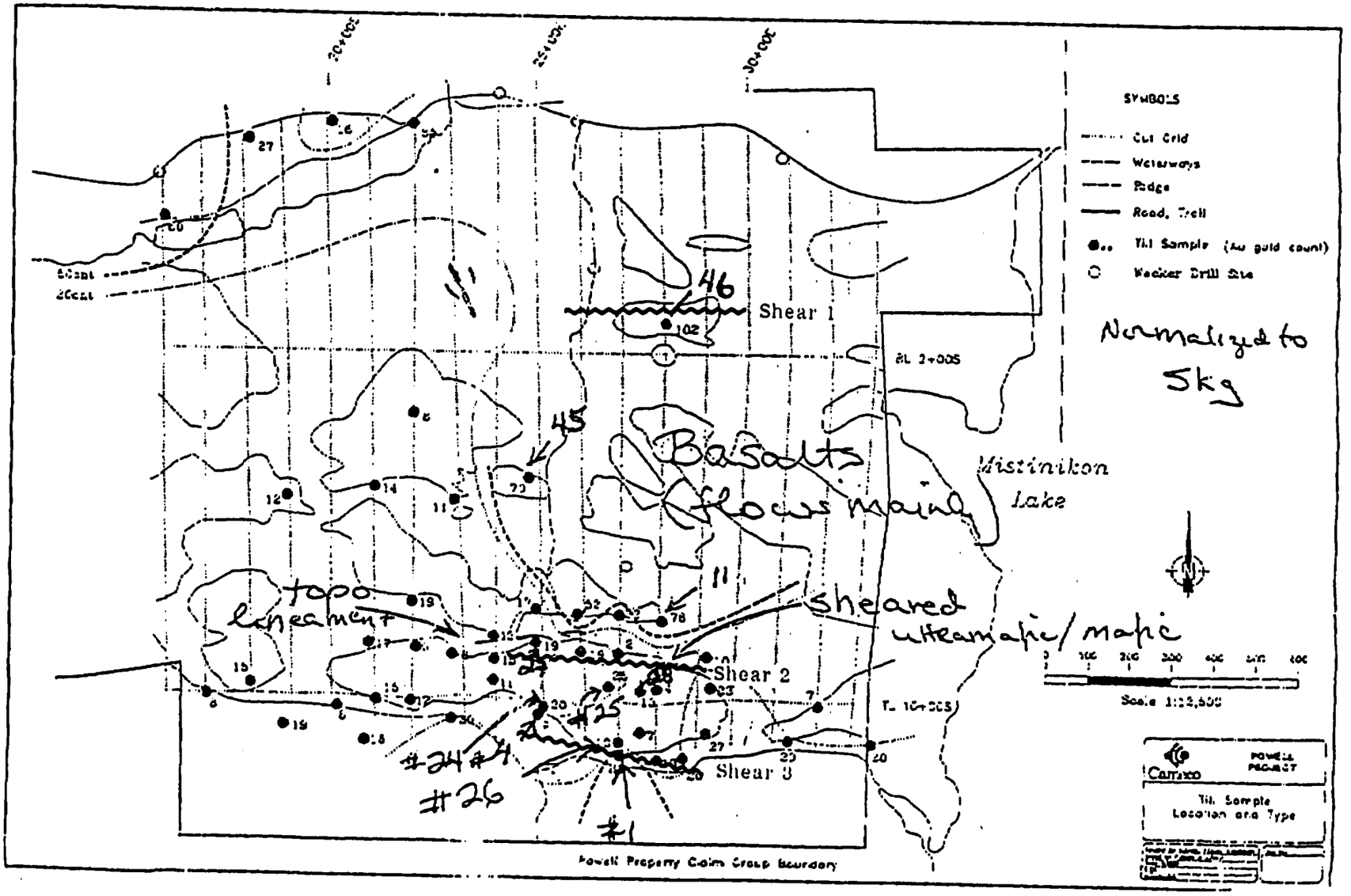


Figure 1 – Sample Location and Geology Map

Sample No.	Number of Visible Gold Grains							
	Binocular Classification				SEM Classification			
	Total	Reshaped	Modified	Pristine	Total	Reshaped	Modified	Pristine
POW-94-T								
04	7	4	3	0	4	4	0	0
24	29	24	3	2	23	20	2	1
25	28	13	12	3	16	12	4	0
26	17	11	3	3	3	2	0	1
27	31	24	4	3	24	19	4	1
28	11	2	9	0	8	4	4	0
38	91	40	38	13	38	34	4	0

Table 1 – Comparison of binocular microscope and SEM wear classifications of visible gold grains.

Sample Number

POW-94-T-24		POW-94-T-25		POW-94-T-27		POW-94-T-38	
Surface	Core	Surface	Core	Surface	Core	Surface	Core
515	560	570	615	600	--	605	375
760	--	660	660	620	--	670	525
795	--	750	730	640	--	730	--
800	750	770	740	650	--	760	--
840	540	830	850	690	660	820	--
860	875	835	835	825	660	825	780
860	--	870	845	835	--	835	745
865	890	895	--	855	--	840	--
885	--	900	860	870	865	850	--
890	--	900	930	875	805	860	740
905	--	915	--	875	--	895	765
910	910	920	900	880	--	910	--
910	910	935	925	880	875	915	--
910	--	945	915	890	655	925	790
915	--	1000	--	930	910	1000	880
925	--	1000	--	940	775	1000	--
950	975			950	920		
950	1000			1000	--		
960	875			1000	1000		
960	--			1000	1000		
980	910			1000	1000		
1000	940						
1000	--						

Table 2 - Surface and core fineness of gold grains studied by SEM. Core fineness was not measured for every grain including a few grains lost in polishing.

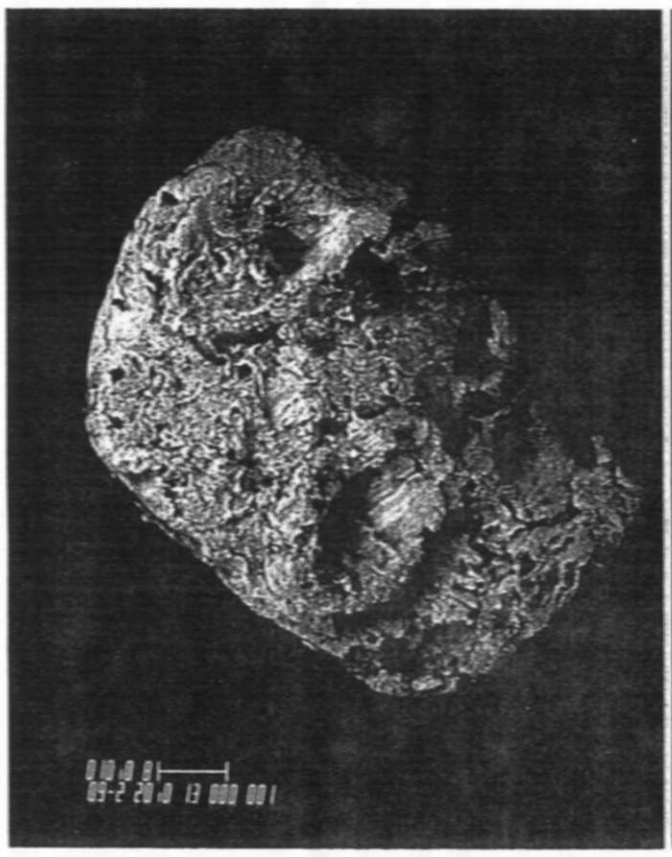


Plate 1a – Common reshaped grain. Surface/core fineness = 910/910.

Plate 1b – Common reshaped grain with soil-filled fold. Surface/core fineness = 960/875.

Plate 1c – Rare modified grain. surface/core fineness = 910/910.

Plate 1 – SEM photos of representative gold grains from Sample POW-94-T-24. Scale is indicated by digits to left of comma beside scale bar (either 1 or 10 microns).

Plate 2a – Common reshaped grain. Surface/core fineness = 920/900.

Plate 2b – Common reshaped grain with surface cavities left by postglacial dissolution of soluble gangue or infolded debris. Surface/core fineness = 900/860.

Plate 2c – Rare modified grain. Surface/core fineness = 835/835.

Plate 2 – SEM photos of representative gold grains from Sample POW-94-T-25.

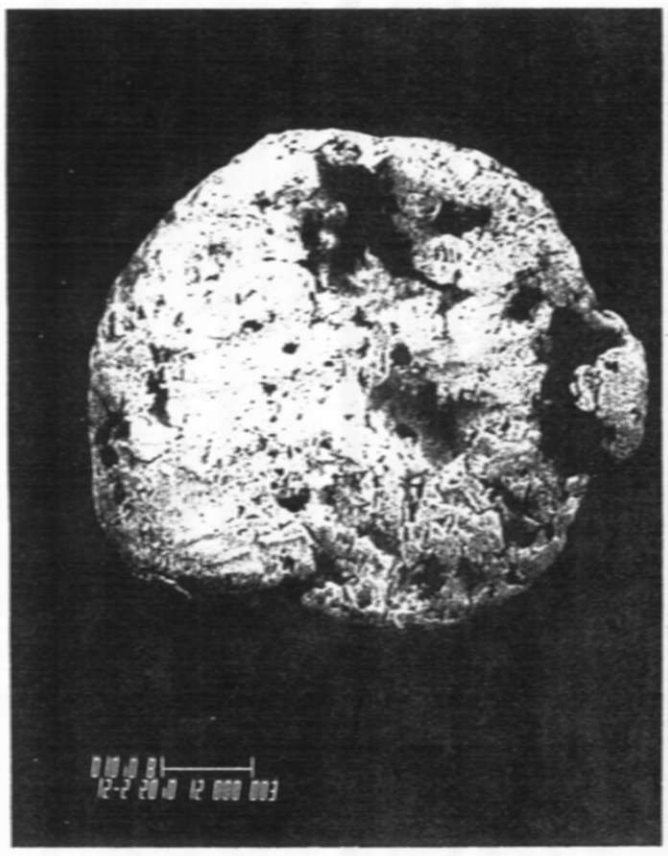


Plate 3a – Common reshaped grain with glacial polish. Surface/core fineness = 1000/1000.

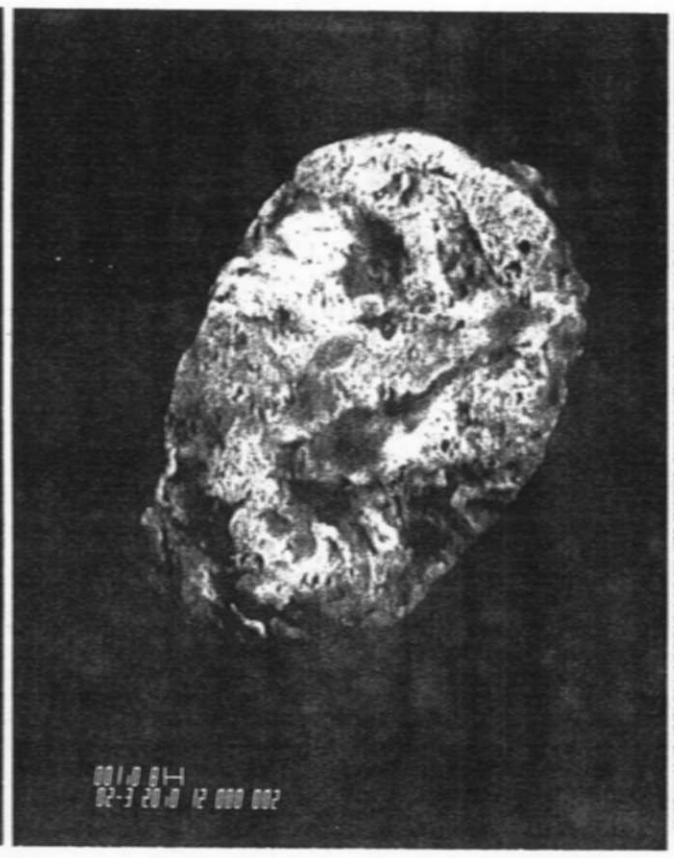


Plate 3b – Common reshaped grain with surface cavities left by dissolution of soluble gangue or infolded debris. Surface/core fineness = 890/655.

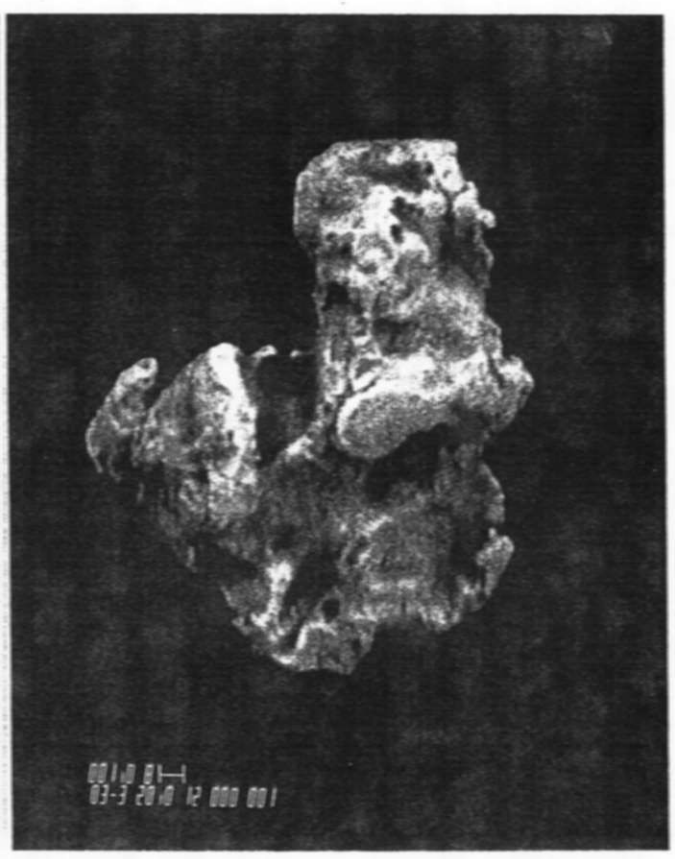


Plate 3c – Rare modified grain. Surface/core fineness = 690/660.

Plate 3 – SEM photos of representative gold grains from Sample POW–94–T–27.

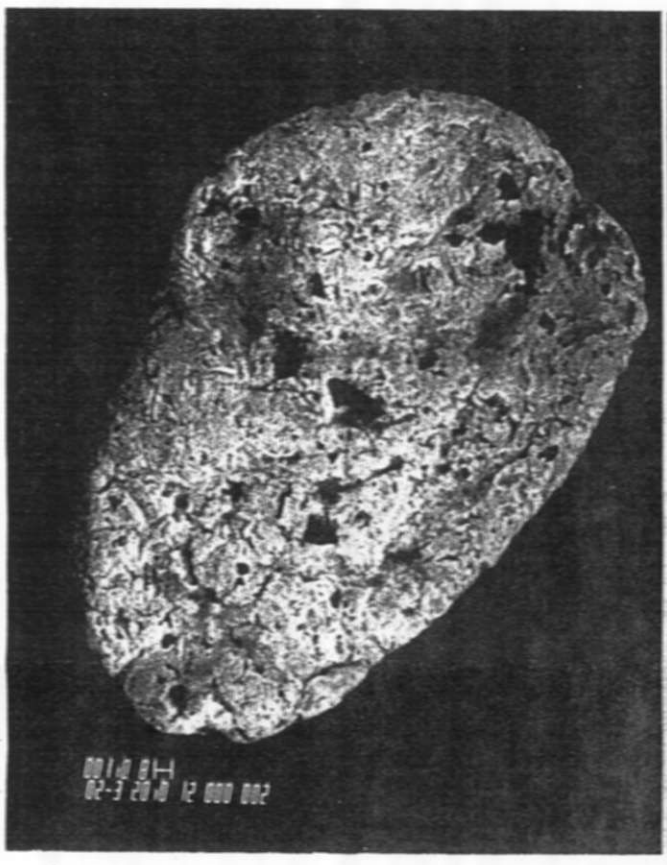


Plate 4a – Common reshaped grain. Surface fineness = 1000. Grain lost in polishing, therefore core fineness not measured.

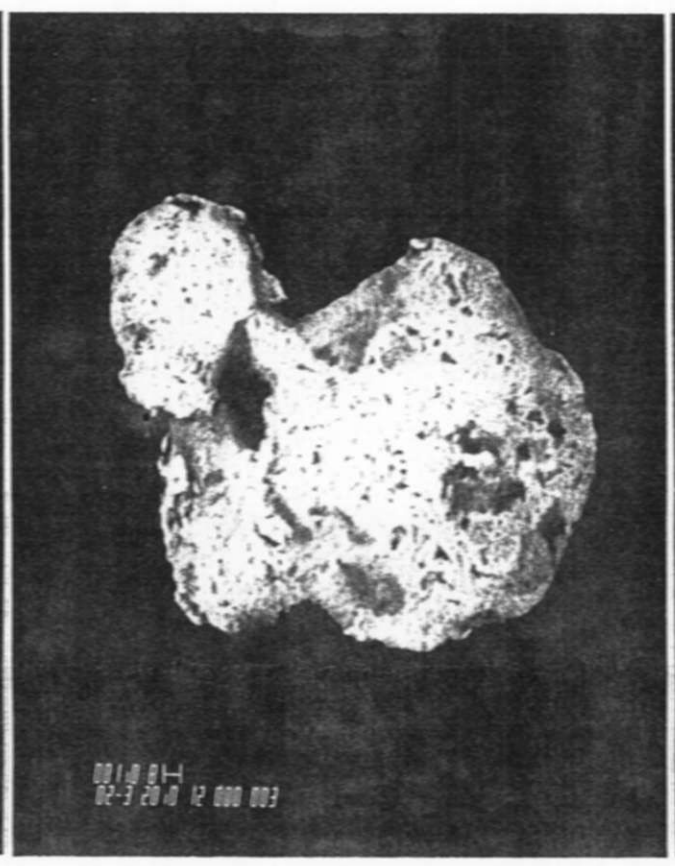


Plate 4b – Common reshaped grain with surface cavities left by dissolution of soluble gangue or infolded debris. Surface/core fineness = 670/525.

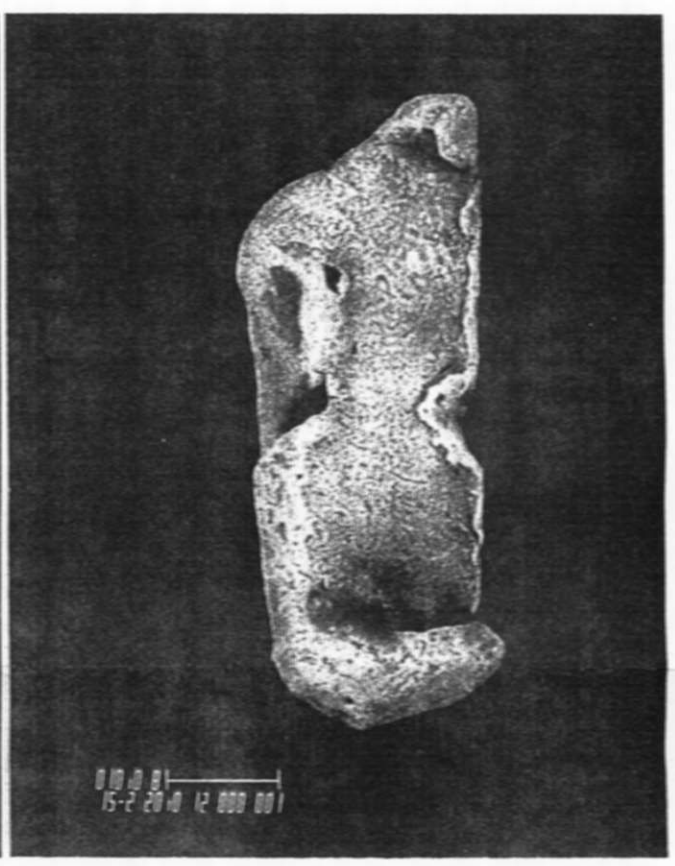


Plate 4c – Rare modified grain. Surface fineness = 730. Grain lost in polishing, therefore core fineness not measured.

Plate 4 – SEM photos of representative gold grains from Sample POW–94–T–38.

OVERBURDEN DRILLING MANAGEMENT LIMITED

August 17, 1995

Mr. Mike Koziol
CAMECO CORPORATION
1349 Kelly Lake Road, Unit #6
Sudbury, Ontario
P3E 5P5

Dear Mr. Koziol:

Re: Pebble Lithologies in Samples POW-95T-061, 092 and 097, Powell Township, Ontario

I have completed my pebble counts on the above three gold-anomalous till samples from your Powell Township property. To allow comparison with my December 03, 1994 and January 06, 1995 pebble studies from the same project, I have simply extended Table 1 from the earlier studies. However, I should point out that I counted smaller pebbles this time -- the largest ones available between 8 and 16 mm (mainly 12-16 mm) instead of 20-50 mm. This allowed me to count 50 pebbles from every sample instead of 40. The results should be comparable and probably a little more reliable. Another advantage with the smaller pebbles is that I can package each lithology in a small, see-through poly bag and arrange the bags "Rolodex-style" so you can flip through them yourself with a binocular microscope.

In all three samples, the pebble population is 30-60 percent basalt with one other major lithology and the same assortment of minor lithologies as the previous samples. In Samples 061 and 092, the second major lithology is quartz-diorite porphyry -- a distinctive rock with small (1-3 mm), ragged feldspar and chloritized augite phenocrysts in a finer-grained (0.2-0.4 mm), granophyric groundmass. The overall mineralogical composition is about 50 percent feldspar, 30 percent quartz and 20 percent chlorite. The proportions of both basalt (58 and 54 percent) and porphyry (32 and 36 percent) pebbles are nearly identical in the two samples, as are the number of gold grains (108 and 112) and their morphologies (Table 2), and I believe you told Rémy that Sample 092 was a check sample for 061. It is tempting to assume that the gold is hosted by the porphyry and I did find two fractured, hematized porphyry pebbles. However sheared basalt pebbles are more common (Table 1) and some of these contain quartz-carbonate breccia veinlets with disseminated cubic limonite (pyrite).

In Sample 097, which yielded a phenomenal 456 gold grains, the second major lithology (40 percent of the pebble population) is coarse-grained Temiskaming greywacke/conglomerate. This conglomerate is lightly shear-fractured with minor disseminated cubic goethite. It is the probable gold host as the basalt and other lithologies are unsheared.

I hope these observations are helpful.

Yours sincerely,

S.A. Averill, President

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Percent of Total Pebbles

Sample No.	Basalt	Sheared Basalt	Intermed. Volc.	Ultramafic Volc.	Greywacke	Porphyry	Syenite	Granite	Diabase	Quartz Vein	Other
PCW-95-T											
01	58	5	0	18	2	2	5	7	3	0	0
11	55	5	5	0	0	5	3	19	8	0	0
38	48	10	13	0	2	0	2	23	0	2	0
45	55	10	13	0	0	0	0	20	2	0	0
46	2	93	0	0	0	0	0	0	5	0	0
04	43	7	7	3	3	3	14	17	3	0	0
24	68	12	12	4	0	0	8	8	0	0	0
25	63	11	11	0	20	0	3	3	0	0	0
26	28	40	40	0	8	0	0	2	2	0	0
27	63	10	10	2	0	2	3	18	2	0	0
28	0	100	0	0	0	0	0	0	0	0	0
61	54	4	0	0	2	32	0	6	0	0	2 (Qmar)
92	44	10	2	0	0	36	0	4	4	0	0
97	30	0	0	0	40	2	4	2	22 *	0	0

* 8 of 11 diabase pebbles (16 of 22 percent) are broken fragments of a larger, fractured clast.

Table 1 –Lithologies for 2 to 5 cm pebble fraction (Samples 01 to 28) and for 0.8 to 1.6 cm pebble fraction (Samples 061, 092 and 097)

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
POW-95T									
061	108	45	1	62	16.0	7679	7156	1	522
092	112	49	5	58	38.9	261	156	4	101
097	456	209	131	116	22.1	1329	682	334	313

Table 2 - Gold Grain Summary

Ministère du Développement du Nord et des Mines
Ontario

Rapport sur les travaux exécutés après l'enregistrement d'un claim

Loi sur les mines

N° de transaction: W9680.00091

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à la correspondance. 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.

2.16476

Directives :
- Dactylographier ou écrire en lettres moulées.
- Se reporter à la **Loi sur les mines** et aux règler d'évaluation ou consulter le registrateur de clain
- Remplir une formule pour chaque groupe de tra
- Joindre à la présente formule deux exemplaires
- Joindre à la présente formule une esquisse indic

42A02SE0019 2 16476 BADEN

900

Titulaire(s) enregistré(s)			N° de client
FRED KIERNICKI	MIKE LEAHY	CAMECO CORP	FRED 152022
P.O. BOX 1143	139 CARTER AVE	UNIT 6, 1349 KELLY LK RD	MIKE 158198
			CAMECO 114820
Adresse			**N° de téléphone**
KIRKLAND LAKE, ON	KIRKLAND LAKE, ON	SUDBURY, ON	FRED (705) 567-4858
P2N 3M7	P2N 2A1	P3E 5P5	MIKE (705) 567-4696
			CAMECO (705) 523-9555
Division des mines	**Canton/secteur**		**N° de plan M ou G**
LARDER	Baden, Powell, Argyle Bannockburn		M205, G3218, M203, M207
Dates d'exécution des travaux	**du :** October 3, 1994	**au :** July 18, 1995	

Travaux exécutés (cocher un seul groupe de travaux)

	Groupe de travaux	Genre
✓	Levé géotechnique	Bulk Till Sampling (includes gold grain counts, SEM work, pebble counts, assaying)
	Travaux physiques, y compris forage	
	Réhabilitation	
	Autres travaux autorisés	
	Essais	
	Valeur transférée de la réserve	

RECEIVED
APR 23 1996
MINING LANDS BRANCH

Total des travaux d'évaluation réclamé sur le relevé des frais ci-annexé: 25976 $

Nota : Le ministre peut rejeter une partie ou la totalité des travaux d'évaluation présentés pour obtenir des crédits d'évaluation si le titulaire enregistré ne peut vérifier les dépenses réclamées sur le relevé des frais dans les trente jours suivant une demande de vérification.

Les personnes et la compagnie d'arpentage qui ont exécuté les travaux (donner le nom et l'adresse de l'auteur du rapport)

Nom	Adresse
M. Kozick	137 Cranbrook Cr. Sudbury, On P3E 2N4
A. Faber	321 Laura Ave, Sudbury, On P3E 3R8
P Chubb	#602-220 Regent St. S. Sudbury On P3E 5S2
Ontario Drilling Management	107-15 Cigella Court, Nepean, ON K2E 7X1

(Joindre une annexe au besoin)

Certification d'intérêt bénéficiaire * Voir la note n° 1 au verso

Je certifie qu'au moment où les travaux ont été exécutés, les claims dont il est question dans le présent rapport étaient enregistrés au nom de leur titulaire actuel ou détenus à titre bénéficiaire par l'actuel titulaire enregistré.	Date	Titulaire enregistré ou représentant (Signature)
	Feb 5, 1996	

Certification du rapport sur les travaux exécutés

Je certifie que j'ai une connaissance directe des faits exposés dans le présent rapport, pour avoir exécuté les travaux ou en avoir constaté l'exécution avant ou après leur achèvement. Je certifie aussi que le rapport ci-annexé est exact.

Nom et adresse du certificateur
M. Kozick 137 Cranbrook Cr Sudbury, On P3E 2N4

N° de téléphone	Date	Certifié par (signature)
705-522 7545 office 523-4555	Feb 5, 1996	

RECEIVED
LARDER LAKE
MINING DIVISION
FEB 12 1996

Réservé au ministère

Valeur totale des crédits enregistrés	Date d'enregistrement	Registrateur de claims	Cachet reçu
App 13630 Rese 13346	96 Feb 12		
	Date de l'approbation prévue: 96 May 12	Date d'approbation	
	Date d'envoi de l'avis de modification		

0241 (05/91)

Numéro de rapport sur les travaux exécutés pour l'affectation de la réserve	Numéro de claim	Nombre d'unités	Valeur des travaux d'évaluation exécutés sur ce claim	Valeur affectée à ce claim	Valeur transférée de ce claim	Réserve : travaux à réclamer à une date ultérieure
2.16475	971906	1		400		
	971907	1		400		
	971910	1	281	281		
	971911	1	562	562		
	979107	1	843	400		443
	979108	1	281	281		
	979110	1	281	281		
	980238	1	1124	400		724
	980239	1	843	400		443
	981896	1	281	281		
	981897	1	281	281		
	1046750	1	562	400		162
	1046961	1	281	281		
	1046963	1	281	281		
	1046964	1	281	281		
	1046965	1	281	281		
	1046967	1	281	281		
	Nombre total de claims		Valeur totale des travaux exécutés: 15	Valeur totale des travaux qui a été affectée	Total transféré	Réserve totale

RECEIVED
APR 23 1996
MINING LANDS BRANCH

Les crédits que vous réclamez dans le présent rapport peuvent être réduits. Afin de diminuer les conséquences défavorables de telles réductions, veuillez indiquer l'ordre dans lequel vous désirez qu'elles soient appliquées à vos claims. Veuillez cocher (✓) l'une des options suivantes :

1. ☐ Les crédits doivent être réduits en commençant par le dernier claim sur la liste.
2. ☐ Les crédits doivent être réduits également entre tous les claims figurant dans le présent rapport.
3. ☐ Les crédits doivent être réduits selon l'ordre donné en annexe.

Si vous n'avez pas choisi d'option, la première sera appliquée.

Note 1 : Exemples d'intérêts bénéficiaires : cessions non enregistrées, ententes sur des options, protocoles d'entente, etc. relatifs aux claims.

Note 2: Si des travaux ont été exécutés sur un terrain faisant l'objet de lettres patentes ou d'un bail, veuillez remplir ce qui suit:

Je certifie que le titulaire enregistré possédait un intérêt bénéficiaire sur le terrain faisant l'objet de lettres patentes ou d'un bail, au moment où les travaux ont été exécutés.	Signature	Date

0241 (08/91)

0041 (02/91)

Numéro de rapport sur les travaux exécutés pour l'attribution de la réserve	Numéro de claim	Nombre d'unités	Valeur des travaux d'évaluation exécutés sur ce claim	Valeur allouée à ce claim
4.25	10469691	1	381	381
	10469711	1	381	381
	10467751	1	381	381
	10477751	1	1405	400
	10477771	1	1134	400
	10477791	1	563	400
	10477811	1	543	400
	10477831	1	381	381
	10477851	1	1134	400
	10477871	1	381	381
	10477891	1	381	381
	10477911	1	381	381
	10477931	1	381	381
	10477951	1	381	381

Nombre total de claims	Valeur totale des travaux exécutés	Valeur totale des travaux qui a été allouée	Total transféré	Réserve totale
	17			

Les crédits que vous réclamez dans le présent rapport peuvent être réduits. Afin de diminuer les conséquences défavorables de telles réductions, veuillez indiquer l'ordre dans lequel vous désirez qu'elles soient appliquées à vos claims. Veuillez cocher (✓) l'une des options suivantes :

1. ☐ Les crédits doivent être réduits en commençant par le dernier claim sur la liste.
2. ☐ Les crédits doivent être réduits également entre tous les claims figurant dans le présent rapport.
3. ☐ Les crédits doivent être réduits selon l'ordre donné en annexe.

Si vous n'avez pas choisi d'option, la première sera appliquée.

Note 1 : Exemples d'intérêts bénéficiaires : cessions non enregistrées, ententes sur des options, protocoles d'entente, etc. relatifs aux claims.

Note 2 : Si des travaux ont été exécutés sur un terrain faisant l'objet de lettres patentes ou d'un bail, veuillez remplir ce qui suit:

Je certifie que le titulaire enregistré possédait un intérêt bénéficiaire sur le terrain faisant l'objet de lettres patentes ou d'un bail, au moment où les travaux ont été exécutés.	Signature
	Date

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Numéro de rapport sur les travaux exécutés pour l'affectation de la réserve	Numéro de claim	Nombre d'unités
	1048700	1
	1048701	1
	1048705	1
	1186330	
2	1198133	1
	1198138	1
	1205767	1
	Nombre total de claims	

Valeur des travaux d'évaluation exécutés sur ce claim	Valeur affectée à ce claim
281	281
281	281
281	281
8149	
281	281
281	281
843	843
1	
26976	13630
Valeur totale des travaux exécutés	Valeur totale des travaux qui a été affectée

Valeur transférée de ce claim	Réserve : travaux à réclamer à une date ultérieure
800	7349
800	13346
Total transféré	Réserve totale

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Les crédits que vous réclamez dans le présent rapport peuvent être réduits. Afin de diminuer les conséquences défavorables de telles réductions, veuillez indiquer l'ordre dans lequel vous désirez qu'elles soient appliquées à vos claims. Veuillez cocher (✓) l'une des options suivantes :

1. ☐ Les crédits doivent être réduits en commençant par le dernier claim sur la liste.
2. ☐ Les crédits doivent être réduits également entre tous les claims figurant dans le présent rapport.
3. ☒ Les crédits doivent être réduits selon l'ordre donné en annexe. Claim 1 : 1186330

Si vous n'avez pas choisi d'option, la première sera appliquée.

Note 1 : Exemples d'intérêts bénéficiaires : cessions non enregistrées, ententes sur des options, protocoles d'entente, etc. relatifs aux claims.

Note 2 : Si des travaux ont été exécutés sur un terrain faisant l'objet de lettres patentes ou d'un bail, veuillez remplir ce qui suit:

Je certifie que le titulaire enregistré possédait un intérêt bénéficiaire sur le terrain faisant l'objet de lettres patentes ou d'un bail, au moment où les travaux ont été exécutés.

Signature | Date

0841 (88/01)

Ministry of Northern Development and Mines

Ontario

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction: W9680.00091

2.16475

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

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

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	6763	
	Field Supervision Supervision sur le terrain		6763
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Overburden Drilling	16906	
	Analysis &		
	SEM, Geochem Assay		16906
Supplies Used Fournitures utilisées	Type Canvas till	387	
	bags, shovels,		
	small hand tools		
	sample bags		387
Equipment Rental Location de matériel	Type		
	Total Direct Costs Total des coûts directs		24056

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 Rental	958	
	gas		
	Freight samples	566	
	shippments		
			1524
Food and Lodging Nourriture et hébergement	Camp Manufacturers Andy's Y.I.C.	1396	1396
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		2920
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		2920
	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)		26976

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.

Nota : 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.

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Filing Discounts

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

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

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

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

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

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

Certification Verifying Statement of Costs

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

that as Agent, Project Geologist (Recorded Holder, Agent, Position in Company) I am authorized

to make this certification

Attestation de l'état des coûts

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

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

à faire cette attestation.

Signature	Date
M. Kuzak	Feb 2, 1996

0212 (04/91)

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

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

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

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

May 08, 1996

Our File: 2.16476
Transaction #: W9680.00091

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

Dear Mr. Spooner:

SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIM(S) 971910 (ET AL.) IN POWELL ET AL. TOWNSHIP(AREA)

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 13, Geochemical(GCHEM) of the Assessment Work Regulation.

The approval date is May 6, 1996. Please indicate this approval on the claim record.

If you have any questions regarding this correspondence, please contact Bruce Gates at (705) 670-5856.

Yours sincerely,
ORIGINAL SIGNED BY:

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

BIG/jl
Enclosure:

cc: Resident Geologist
Kirkland Lake, Ontario

Assessment Files Library
Sudbury, Ontario

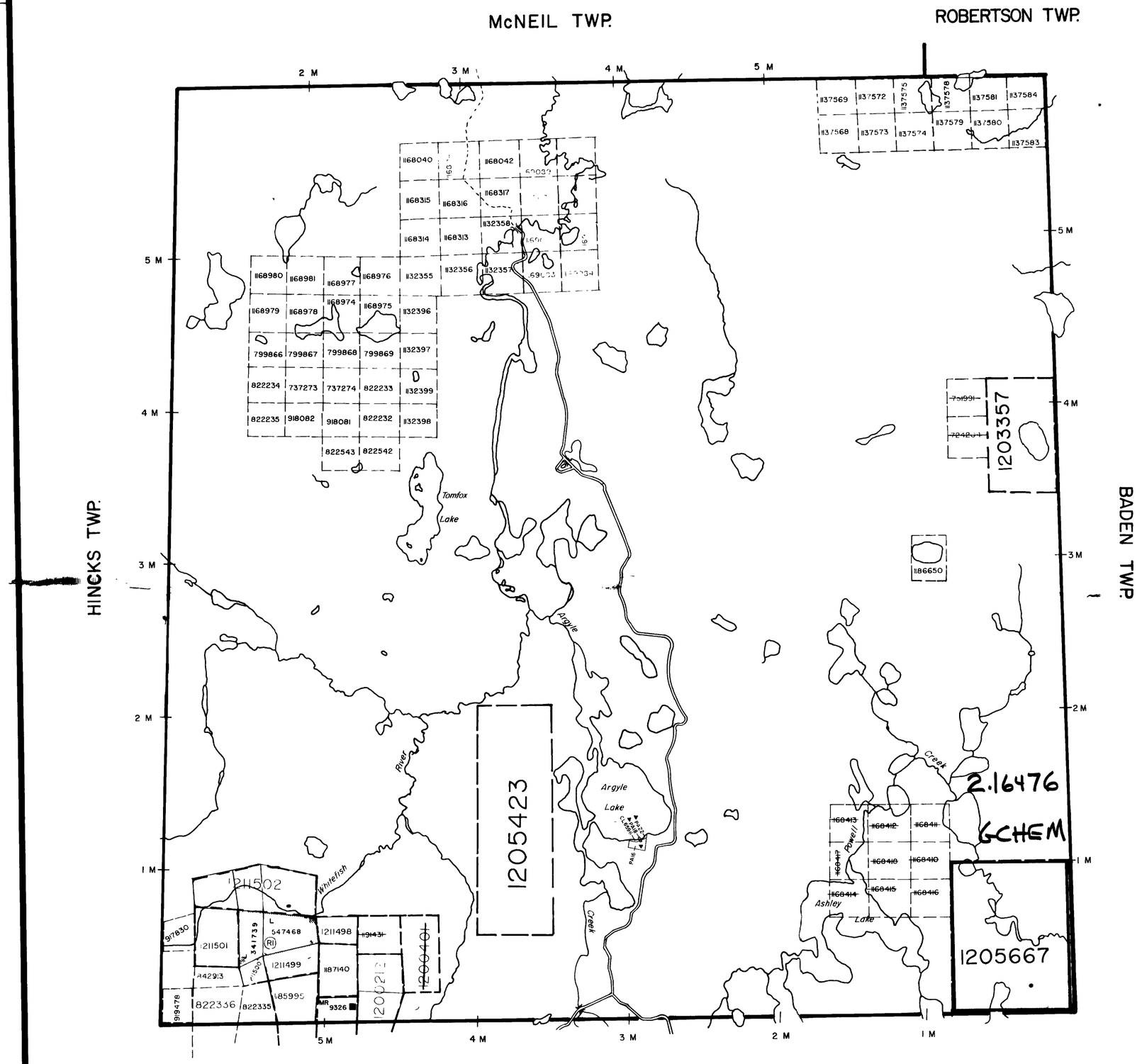
REFERENCES

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
(RI)	W-L-13/95 NER	MARCH 14/95 7 00AM	S & M	

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



THE FOLLOWING SURVEYS CAN BE FOUND ON THE ARCHIVED COPY DATED JUNE OF 1995 MR-088 10187, 10189, 10186, 8609, 8608, 8605, 8604, 8606, 12006, 12007 LOCATED BETWEEN THE 2 MILE AND 2 MILE MARKS (RUNNING NORTH & SOUTH) AND EAST OF THE 2 MILE MARK

LEGEND

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

DISPOSITION OF CROWN LANDS

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

SCALE: 1 INCH = 40 CHAINS
FEET 0 500 1000 2000 4000 6000 8000
METRES 0 200 400 600 800 1 KM 2 KM

DEC 19 1995

2.16476

TOWNSHIP

ARGYLE

DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE

RECEIVED
APR 03 1996
MINING LANDS BRANCH

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

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

42A02SE0019 2 16476 BADEN

ARGYLE TWP. - M.203

MONTROSE TWP. - M.237

POWELL TWP. - M.241

DOON TWP. - M.217

2.16476
GCHEM

THE TOWNSHIP OF

BANNOCKBURN

DISTRICT OF TIMISKAMING

LARDER LAKE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

DISPOSITION OF CROWN LANDS

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

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

NOTES

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

SAND AND GRAVEL

(G1) MTC GRAVEL PIT 3F-25
(G2) MTC GRAVEL PIT 1374

(RI) ~~SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING, SECTION 35/80 ORDER NO W-65/83~~
(RI) Mining & Surface Rights Reopened to prospecting, sale or lease Order O-L-10/95, previously withdrawn under Order W-65/83

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

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

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

CIRCULATED JANUARY 27, 1995

PLAN NO. M.207

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Ministry of Natural Resources
Ontario

Ministry of Northern Development and Mines

INDEX TO LAND DISPOSITION

PLAN
G-3218

TOWNSHIP
POWELL

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE

MINING DIVISION
LARDER LAKE

LAND TITLES/REGISTRY DIVISION
TIMISKAMING

Scale 1:20 000

Contour interval 10 Metres

BADEN TOWNSHIP

BANNOCKBURN TOWNSHIP

CAIRO TOWNSHIP

BELL

YARROW TOWNSHIP

ZONE 17

SMD 3218

95 06

SYMBOLS

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

AREAS WITHDRAWN FROM DISPOSITION

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

Description	Order No.	Date	Disposition	File
①	W-L-18/95	MAR 30/95	M + S	
②	W-L-19/95	MAR 30/95	M + S	
③	W-L-20/95	MAR 30/95	M + S	

DISPOSITION OF CROWN LANDS

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

NOTES

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

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

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


Cameco
POWELL PROJECT
Till Sample Locations
Compiled By: Alain Faber 95/09/14
Drafted By: Clayton Durbin
Scale: 1:10,000
N.T.S.: 41 P/15, 42 A/02
Disposition(s):
Dwg No.: ECG95041
Map F-1
Scale 1:10000
2.16476
RECEIVED
APR 23 1996
ARGYLE TWP
BANNOCKBURN TWP
BADEN TWP
POWELL TWP
Ashley
Lake
Powell
Lake
Beaudin
Lake
Mistinikon
Lake
Powell Creek
HWY 566
TL 25+00N
TL 15+00N
TL 10+00S
BL 2+00S
230

Cameco
POWELL PROJECT
Au grains in Till
(normalized to 10 Kg Sample)
Compiled By: Mike Koziol 95/12/19
Drafted By: Clayton Durbin
Scale: 1:10,000
N.T.S.: 41 P/15, 42 A/02
Disposition(s):
Dwg No.: ECG95069A
Map F-2
Scale 1:10000
2.16476
RECEIVED
APR 23 1996
MINING LANDS BRANCH
Legend
Sample Location and Number of Gold Grains
Number of gold grains > mean (>25.7 grains)
Number of gold grains > mean + 1 std. dev. (>49.7 grains)
Number of gold grains > mean + 2 std. dev. (>73.7 grains)
ARGYLE TWP
BANNOCKBURN TWP
BADEN TWP
POWELL TWP
Ashley Lake
Powell Creek
Beaudin Lake
Powell Lake
Mistinikon Lake
Powell Creek
HWY 566
TL 25+00N
TL 15+00N
BL 2+00S
TL 10+00S
240

Cameco
POWELL PROJECT
Au (ppb) in -150 Mesh Split
Legend
Sample Location and Au (ppb)
Compiled By: Mike Koziol 95/12/19
Drafted By: Clayton Durbin
Scale: 1:10,000
N.T.S.: 41 P/15, 42 A/02
Disposition(s):
Dwg No.: ECG95069B
Map F-3
Scale 1:10000
0 100 200 300 400 500 600 700 800 900 1000m
2.16476
N
RECEIVED
ARGYLE TWP
BANNOCKBURN TWP
BADEN TWP
POWELL TWP
Ashley
Lake
Powell Lake
Powell Creek
Beaudin Lake
Mistinikon Lake
HWY 566
TL 25+00N
TL 15+00N
TL 10+00S
BL 2+00S
8+00W
6+00W
4+00W
2+00W
0+00
2+00E
4+00E
6+00E
8+00E
10+00E
12+00E
14+00E
16+00E
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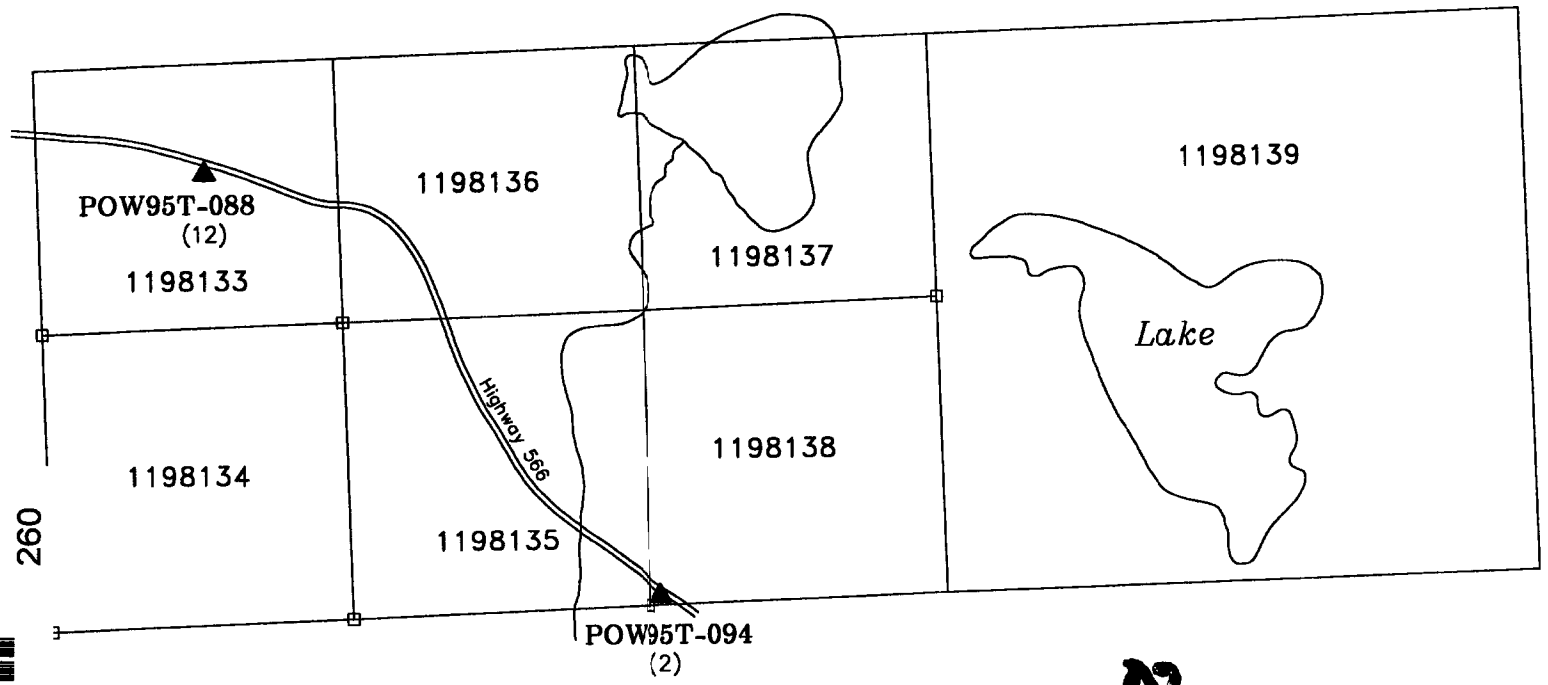
981896
1047777
1047785
1047789
979110
979109
971909
981897
1047778
1047786
1047790
1186330
42A02SE0019 2.16476 BADEN
250

POWELL TWP



Legend

1198135 — Claim Lines and Claim Numbers

Located Claim Posts

Road

POW95T-088 (12) — Till Sample Locations (# of gold grains for a normalized sample of 10kg)

0 100 200 300 400 500m

Scale 1:10000

Cameco

EAST POWELL PROJECT

Till Location

Compiled By: Alain Faber	96/01/31	Dwg No.. ECG96003
Drafted By: Clayton Durbin		
Scale: 1:10,000		Map F-4
N.T.S. 42 A/02	Datum NAD 27	
Disposition(s): Claims 1198133, 1198138		