DILLON CONSULTING

Our File: 99-6999-0101

December 14, 1999

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Winnipeg
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Wolfden Resources Inc.
4283 Loch Lomond Road
Thunder Bay, Ontario P7C 4Z2

Attention: Mr. Ewan Downie

Argosy Mine Site Investigation, Northwestern Ontario

Dear Mr. Downie:

Dillon Consulting Limited (Dillon) was retained by Wolfden Resources Inc. (Wolfden) to investigate the Acid Rock Drainage (ARD) potential of the exposed tailings and waste rock at the Argosy Mine site on Casummit Lake in northwestern Ontario. The following letter presents the work program and the analytical results from the samples collected at the site.

The Argosy Mine site investigation was completed on November 1 and November 2, 1999. Travel from Winnipeg to Red Lake and a literature review at the Ministry of Northern Development and Mines (MNDN) in Red Lake was completed on November 1, 1999. Mobilization to and from the Argosy Mine site and sample collection was completed on November 2, 1999.

Literature Review

The literature review at MNDN did not identify the existence of any orders or issues of noncompliance for the site. The mine site operated intermittently from September 17, 1934 to April 1952 when the developed ore reserves were exhausted. The plant was dismantled and sold (Report on Mining Properties of Grand Bay Explorations Limited, Casummit Lake Area, Red Lake Mining Division, Ontario, January 16, 1976). During the life of the mine, a total of 276,573 tons of ore were milled with an average recovery of 0.37 opt gold. The ore was "treated by amalgamation and cyanidation after a relatively coarse grind of 65 percent minus 200 mesh. In 1950, overall recovery was 96.5 percent, with mill tailings 0.012 ounce gold per ton" (Grand Bay Explorations Ltd., 1976). In August 1986, Noranda Exploration Company Ltd. conducted a tailings sampling program which consisted of 169 samples from 41 boreholes. The average grade of the tailings was determined to be 374 ppb gold (0.011 opt gold).

Sample Collection

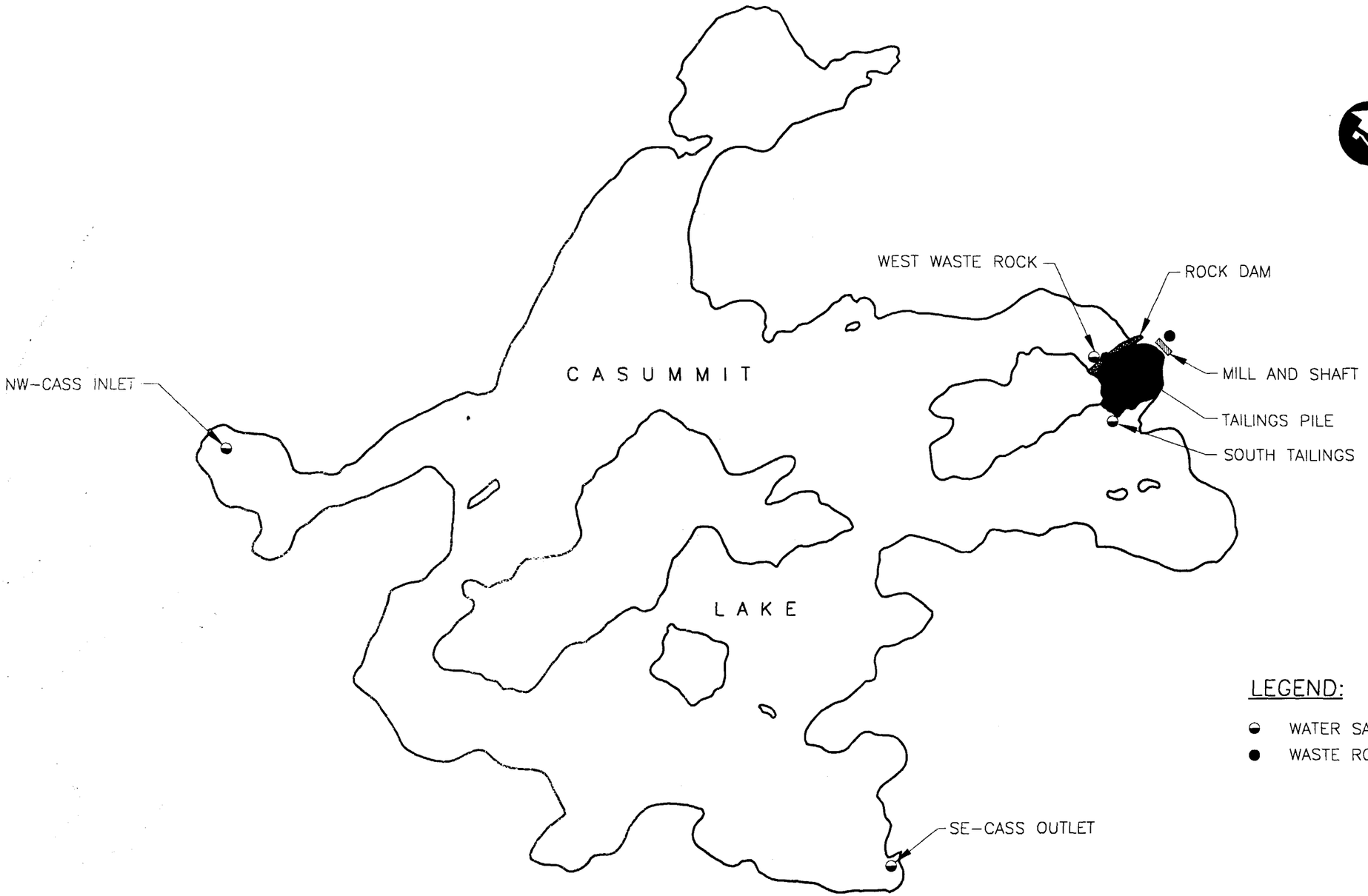
Samples of waste rock, tailings, lake water, milling process residue, paint, and shingles were collected from the site. In order to determine other sources of possible environmental liability, paint and shingle samples were taken for possible lead analysis. The site was also visually examined for evidence of petroleum products or fuel storage areas.

Due to the age of the structures, it can be assumed that the shingles contain asbestos and the paint contains lead. For this reason, the samples were not submitted for analysis, but have been archived so that they can be analyzed at some future time if need be. There are three small and two large buildings (living quarters) on-site, which have painted surfaces on the interiors. The two large living quarters and a small building, which housed a boiler, are clad with asbestos shingles. The only evidence of petroleum products is a small fuel drum dump (10-15 empty 200 L drums).

Waste Rock

Two waste rock samples (WR-1 and WR-2) were collected from the waste rock piles on-site. A 31 element ICP analysis and Acid Base Accounting (ABA) were performed on both samples. Sample WR-1 was collected from the waste rock pile immediately behind the mill, while Sample WR-2 was collected 250 m from shore along a waste rock dam, which extends from the shore (near the mill) to an island in Casummit Lake (Figure 1). The waste rock shows very little evidence of oxidization and generally contains less than 1 percent sulphide (visual analysis). The ABA results (see Appendix A) for samples WR-1 and WR-2 have Acid Neutralization to Acid Generation ratios of 9.7 and 4.2, respectively, and high positive net neutralization potentials. This indicates that the waste rock on this site has a low ARD potential, therefore, very little heavy metal leaching from the waste rock into the surrounding waters can be expected.

The country rocks around mineral deposits generally have naturally elevated concentrations of heavy metals such as arsenic, copper, lead, and zinc. The waste rock from most gold mines has significantly elevated concentrations of such metals over normal background levels. This site, however, shows only slight elevations in arsenic concentrations in the waste rock.



LEGEND:

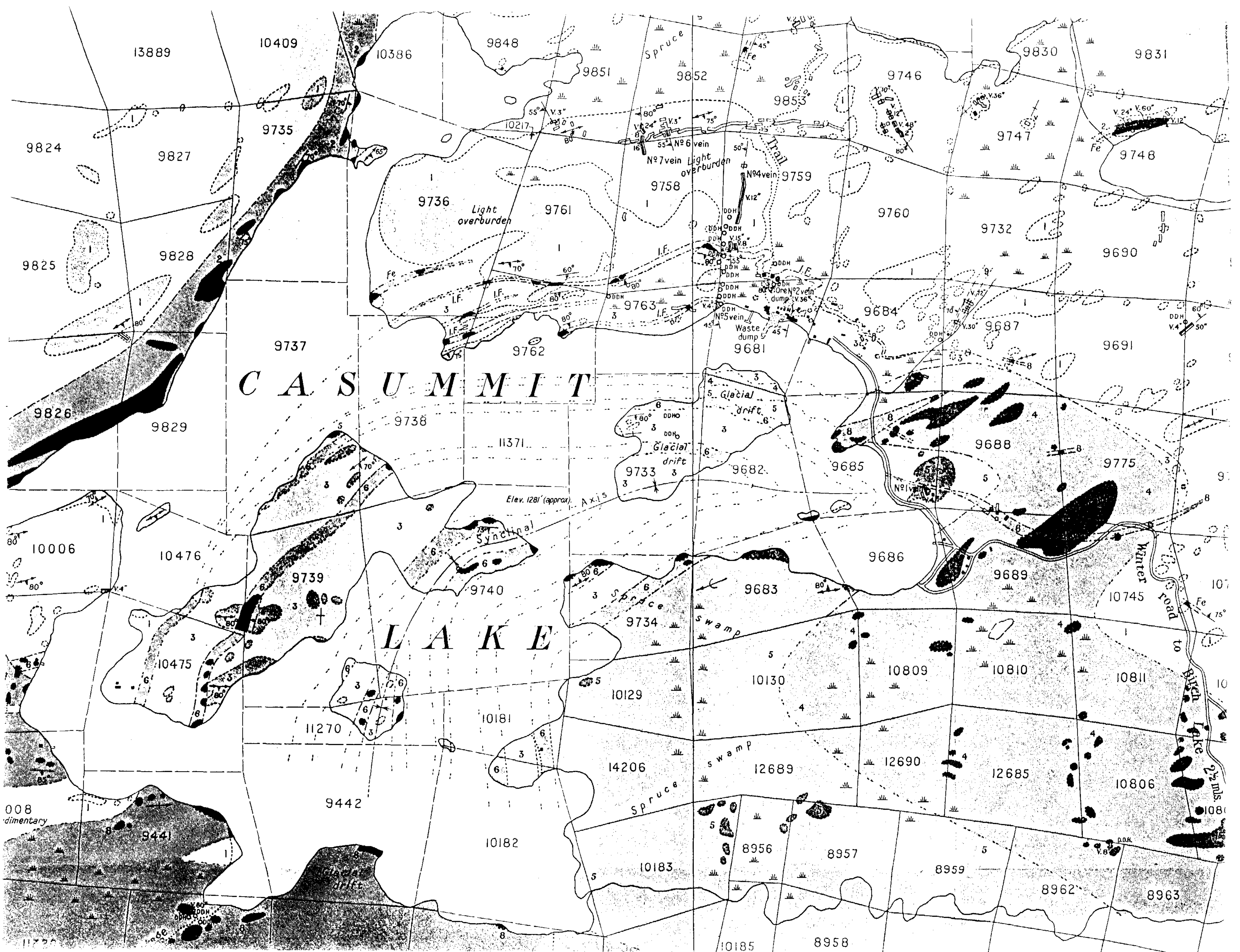
- WATER SAMPLES
- WASTE ROCK SAMPLES

0 500 1000

SCALE IN METRES

DILLON CONSULTING	ARGOSY MINE SITE INVESTIGATION	PROJ. NO. 99-6999-01
DEC. 14, 1999	CASUMMIT LAKE	FIG. NO. 1

FILE: G:\CAD\996999\MAP.DWG 12/14/99


CASUMMIT LAKE
13889
10409
10386
9848
9851
9852
9853
9746
9830
9831
9824
9827
9735
10217
No. 6 vein
No. 7 vein
Light overburden
Trail
No. 4 vein
9759
9758
9747
9748
9825
9828
9736
Light overburden
9761
9760
9732
9690
I.F.
Fe
9763
No. 5 vein
No. 2 vein
Ore dump
Waste dump
9681
9684
9687
9691
9826
9829
9737
9762
9738
11371
Glacial drift
9733
9682
9685
9688
9775
No. 1 vein
Elev. 1281' (approx.)
Synclinal Axis
10006
10476
9739
9740
9686
9689
9683
Spruce swamp
9734
10745
Winter road to Birch Lake 2½ mls.
10475
10129
10130
10809
10810
10811
11270
10181
14206
12689
12690
12685
10806
9442
008
Sedimentary
9441
10182
10183
8956
8957
8959
8962
8963
Glacial drift
10185
8958
DDH

Tailings

Five tailings samples were collected and submitted for 31 element ICP and ABA analyses. The tailings samples were collected near each corner of the tailings pile and near the centre of the pile. Collection of the samples was facilitated by augering a 4 cm diameter hole from surface to 60 cm below surface. All of the auger cuttings were collected and stored in resealable plastic bags. Only the top 60 cm was collected because the ground water surface was intersected immediately below that point. The tailings below the ground water surface have very restricted access to oxygen, therefore, they should not pose a problem with respect to ARD development.

The ABA tests returned Acid Neutralization to Acid Generation ratios of between 2.7 (NW-tails) and 5.1 (SW-tails) with an average of 3.9. The Net Neutralization Potentials for the five tailings samples are between +27.6 and +45.3 tonnes $CaCO_3$ equiv./tonne. This indicates that the tailings have a low ARD potential, therefore, heavy metal leaching from the tailings into the water should not be a significant problem.

The ICP analyses of the five tailings samples indicates that the top 60 cm of the tailings pile has arsenic concentrations which range from 3230 ppm near the centre of the tailings 10 475 ppm near the southeast corner. The complete lack of plant growth on the tailings pile is due to the lack of an organic layer, and in particular, the phytotoxic effects caused by the elevated arsenic concentrations. Also, the zinc concentrations are slightly elevated (91 - 125 ppm). Zinc concentrations in soil greater than 20 ppm are toxic to earthworms and concentrations greater than 80 ppm are toxic to plants.

In addition to the five above-mentioned tailings samples, seven tailings samples were also collected from one borehole at 30 cm intervals from surface to 2.1 m below surface. The borehole was located near the centre of the tailings pile. The seven samples were sent directly to Bema Gold in Vancouver for microscopic analyses.

Lake Water

Four water samples from Casummit Lake were collected and submitted for routine water chemistry analyses and a 24 element ICP analyses. The water samples were located immediately south of the tailings pile (South Tailings), near a river inlet on the west side of Casummit Lake (NW-Cass Inlet), near a river outlet at the southeast corner of Casummit Lake (SE-Cass Outlet), and immediately west of the waste rock dam about 200 m from shore (West Waste Rock).

There are no significant differences in metal concentrations between the water samples collected at the four different locations, except for arsenic concentration. There are slight differences in the routine water chemistry analyses. The dissolved calcium, magnesium, sodium, and total dissolved solids are slightly elevated near the mine tailings. The pH of the water ranged between 7.03 and 7.42 at the four locations.

The water chemistry analyses were compared to the "Guidelines for Canadian Drinking Water Quality" (CCME, 1999), the "Canadian Water Quality Guidelines for the Protection of Aquatic Life" (CCME, 1999), and the "Guideline for Use at Contaminated Sites in Ontario (MOE, 1999). None of the results exceeded the drinking water guidelines, however, the results for lead could not be evaluated since the detection limit used by the laboratory (0.02 mg/L) was greater than the established criteria for lead in drinking water (0.01 mg/L). Similarly, none of the preliminary analyses exceeded the guidelines for the protection of aquatic life, except for arsenic. The interim guideline for arsenic concentration in water for the protection of aquatic life is 0.0125 mg/L (CCME, 1999). The two water samples collected in close proximity to the tailings exceeded the criteria with arsenic concentrations of 0.0247 mg/L (South Tailings) and 0.0223 mg/L (West Waste Rock). It should be noted that the naturally occurring concentrations of arsenic in the waters of Casummit Lake (NW-Cass Inlet) are nearly the same as the interim guideline. The detection limits for cadmium, chromium, and lead were greater than the aquatic life criteria. The concentration of these three elements in the tailings were not significantly elevated, therefore, little impact on the waters of Casummit Lake can be expected from these metals.

Mill Residue

One sample of mill residue (identified as "smelter slag" on the assay reports) was collected from five pails located in front of the old mill. Each pail had a capacity of approximately 30 L and was quite deteriorated. The sample was submitted for an ABA test and a 31 element ICP analysis. The ABA test indicates that the mill residue has a Net Neutralization Potential of -48.7 tonnes $CaCO_3$ equiv./tonne. This suggests that the heavy metals in this material could be readily mobilized into the environment. The ICP analyses returned extremely high levels of arsenic (104, 071 ppm) and elevated levels of iron, molybdenum, nickel, lead, antimony, boron, tungsten, and zinc. However, only the arsenic, antimony, and boron concentrations exceed the MOE proposed guidelines for cleanup of contaminated sites in Ontario for industrial/commercial sites in a potable ground water situation (MOE, 1996). A gold analysis has been ordered on this sample to determine whether this material is a mill concentrate containing gold, or simply a mill residue. If the material contains gold, it may be cost-effective to ship this material off-site to have the gold extracted, and then properly dispose of the residue.

Summary

There are three main hazards associated with mine sites:

(i) Chemical Hazards
(ii) Physical Hazards
(iii) Environmental Hazards

The Argosy Mine site does not appear to have any chemical hazards related to the presence of hydrocarbons, processing chemicals, or PCBs remaining on the site. However, there may be chemical hazards related to the presence of asbestos in the building shingles and probably lead in paint.

The physical hazards on the site are associated with the very poor condition of the many buildings on the site, debris strewn around the milling site, and open mine shafts and ventilation shafts. There is also a physical hazard associated with the very high arsenic concentrations in the exposed tailings and mill residue due to possible dermal contact or dust inhalation.

The only apparent environmental hazard on the site is also caused by the high concentrations of arsenic in the tailings and mill residue. The ABA tests indicate that there should not be any migration of heavy metals from the tailings into the surrounding environment. The heavy metals contained within the mill residue barrels do have the capability to be released into the environment if not dealt with appropriately. Fortunately, the quantity of mill residue appears to be very small.

It is recommended that a written agreement between Wolfden Resources and the Ministry of Environment in Ontario be entered into which clearly indicates the level of liability Wolfden will inherit if this property is obtained. The major liability on the property is the physical hazard associated with the tailings. The cost associated with dealing with this liability is solely dependant on the cleanup method. It is possible, given the remote location of the site and low likelihood of long-term dust inhalation and dermal contact by humans, that the MOE may not want anything done to the tailings other than monitoring and putting up signage. The most cost-effective way to remove this physical hazard would be to submerse the exposed tailings.

The physical hazards associated with the buildings, site debris, and shafts are likely to be the liabilities which MOE insists be dealt with. This also would necessitate dealing with the chemical hazard associated with the asbestos shingles and lead in paint. Again, it should be determined, before obtaining this property, what the cost would be to deal with these liabilities in a manner acceptable to MOE.

Closure

This report was prepared exclusively for the purposes, project, and site location(s) outlined in the report. The report is based on information provided to, or obtained by Dillon Consulting Limited ("Dillon") as indicated in the report, and applies solely to site conditions existing at the time of the site investigation(s). Although a reasonable investigation was conducted by Dillon, Dillon's investigation was by no means exhaustive and cannot be construed as a certification of the absence of any contaminants from the site(s). Rather, Dillon's report represents a reasonable review of available information within an agreed work scope, schedule, and budget. It is, therefore, possible that currently unrecognized contamination or potentially hazardous materials may exist at the site(s), and that the levels of contamination or hazardous materials may vary across the site(s). Further review and updating of the report may be required as local and site conditions, and the regulatory and planning frameworks, change over time.

Yours truly,

DILLON CONSULTING LIMITED

John Burns, Geologist
JB:kse
O:\PROJECTS\FINAL\996999\text\letters.99\wolfden-downie.wpd

REFERENCES

CCME, 1999. Canadian Environmental Quality Guidelines. Canadian Council of Ministers of the Environment.

Ministry of Northern Development and Mines, Assessment Files:

(1) Horwood, 1937, Geology of the Cassummit Lake Area and the Argosy Mine.

(2) Noranda Exploration Company Ltd., 1985; Report of Work for Norman Resources Ltd., Grand Bay Option, Cassummit Lake Property.

(3) Noranda Exploration Company Ltd., 1986; Report of 1986 Diamond Drilling Program and Tailings Sampling Program for Norman Resources Ltd., Grand Bay Option, Cassummit Lake Property, NTS 52 N/8.

Ontario Ministry of Environment and Energy, June 1996. Proposed Guidelines for the Cleanup of Contaminated Sites in Ontario.

APPENDIX A

LABORATORY ANALYTICAL RESULTS

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY
SERVICES INC.
1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO
P7B 6G3

PHONE: (807) 623-6448
FAX. (807) 623-6820

FAX TRANSMITTAL SHEET

FROM: Chris Bever **DATE:** Dec. 7, 99

Number of pages to follow: 1

TO: John Burns.

COMPANY: Dillion Consulting Ltd.

REGARDING:

Note: if any of the following pages are illegible, please contact us at one of the above numbers.

ACCURASSAY LABORATORIES

3 Industrial Drive, P.O. Box 426, KIRKLAND LAKE ON P2N 3J1
Tel: (705) 567-3361 Fax: (705) 568-8368 email: accuracy@onlink.net
Visit our website at www.onlink.net/~accuracy/

Certificate of Analysis

Wolfden Resources
7 Station Street
4th Floor
TORONTO ON M5K 1J4

Att'n : E. Downie

Page 1
December 7, 1999

Work Order # E992528A
Ref # 990449
Date Received November 8, 1999
Sample Date November 2, 1999

PARAMETER	SAMPLE I.D South Tailings	NW-Cass Inlet	SE-Cass Outlet	West Waste Rock
Arsenic	0.0247	0.0117	0.0121	0.0223

Note All results expressed as mg/L unless otherwise stated.

REGISTRATION OF THE CHEMICAL PROFESSION OF ONTARIO
CHARTERED
Dr. G. Duncan
CHEMIST

G. Duncan

ACCURASSAY LABORATORIES
3 Industrial Drive, P.O. Box 426, KIRKLAND LAKE ON P2N 3J1
Tel: (705) 567-3361 Fax: (705) 568-8368 email: accuracy@onlink.net
Visit our website at www.onlink.net/~accuracy/

Certificate of Analysis

Wolfden Resources Inc.
4283 Loch Lomond Road
THUNDER BAY ON P7C 4Z2

Page 1
November 29, 1999

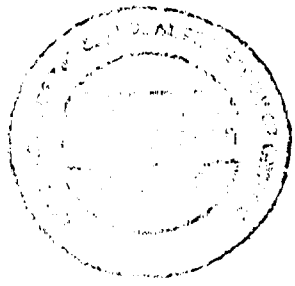
Re Dillon Consulting Ltd.

Work Order #: E992578
Ref. #: 990449
Date Received: November 16, 1999
Sample Date: November 8, 1999

SAMPLE I.D.

PARAMETER	Acid Generation Potential	Acid Neutralization Potential	Net Neutralization Potential
Center - Tails	15.3	56.9	41.6
NE - Tails	13.1	51.6	38.5
SE - Tails	12.6	50.1	37.5
NW - Tails	16.1	43.7	27.6
SW - Tails	11.4	58.7	45.3
W.R. #1	8.5	62.5	54.0
W.R. #2	12.4	51.6	39.2
Smelter Slag	48.7	<1.0	-48.7

Note: Results expressed as tonnes CaCO3 equiv./1000 tonnes material.



Wolfden Resources
Att'n: E. Downie
4th Floor, 7 Station St.
Toronto, Ontario
M5J 1C3

Nov 29, 1999

Job #990449 Environmental

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.
1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
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FAX (807) 623-6820

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %
CENTER TAIL	0.5	0.47	3230	5	30	0.5	<3	1.36	0.7	7	66	29	2.18	0.12	8	0.47
NE TAIL	0.8	0.48	6781	5	32	0.4	<3	1.37	0.8	10	69	36	3.16	0.11	13	0.58
SE TAIL	0.9	0.80	10475	6	23	0.5	<3	1.60	<.5	16	54	48	4.63	0.07	11	0.71
NW TAIL	0.4	0.48	6380	<5	17	0.4	<3	1.16	0.7	10	38	30	2.61	0.05	7	0.45
SW TAIL	0.6	0.79	6134	6	25	0.4	<3	1.66	0.5	12	55	38	3.53	0.08	10	0.67
WR#1	0.8	1.98	65	6	34	0.5	<3	1.65	0.8	12	61	34	5.08	0.11	29	0.77
WR#2	0.4	0.78	72	<5	53	0.2	<3	1.27	<.5	8	85	38	2.72	0.10	14	0.62
SMELTER SLAG	7.9	0.23	104071	8	22	0.2	<3	0.16	2.1	25	350	96	16.46	0.05	10	0.11

	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
CENTER TAIL	432	3	0.03	27	47	64	<2	<5	0.02	<5	80	<.01	3	92	102
NE TAIL	479	3	0.03	37	291	59	<2	<5	0.03	<5	85	<.01	5	30	100
SE TAIL	666	4	0.03	55	729	71	<2	<5	0.03	<5	99	<.01	7	68	114
NW TAIL	492	<1	0.02	28	251	79	10	<5	0.02	<5	74	<.01	4	126	91
SW TAIL	687	3	0.03	33	651	63	<2	<5	0.02	<5	93	<.01	7	22	125
WR#1	935	5	0.04	42	820	18	<2	<5	0.02	<5	149	<.01	14	<2	144
WR#2	446	2	0.04	47	400	18	<2	<5	0.02	<5	96	<.01	4	<2	60
SMELTER SLAG	608	20	0.02	124	498	613	69	<5	0.03	<5	10	<.01	3	316	244

Certified By:

ACCURASSAY LABORATORIES

3 Industrial Drive, P.O. Box 426, KIRKLAND LAKE ON P2N 3J1
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Certificate of Analysis

Wolfden Resources
7 Station Street
4th Floor
TORONTO ON M5K 1J4

Att'n: E. Downie

November 26, 1999

Work Order #: E992528
Ref #: 990449
Date Received: November 9, 1999
Sample Date: November 2, 1999

PARAMETER	SAMPLE I.D. South Tailings	NW-Cass Inlet	SE-Cass Outlet	West Waste Rock
Aluminum	0.035	0.046	<0.030	<0.030
Barium	0.007	0.006	0.007	0.007
Beryllium	<0.001	<0.001	<0.001	<0.001
Boron	0.019	0.019	0.016	0.016
Cadmium	<0.002	<0.002	<0.002	<0.002
Chromium	<0.004	<0.004	<0.004	<0.004
Cobalt	<0.010	<0.010	<0.010	<0.010
Copper	<0.006	<0.006	<0.006	<0.006
Iron	0.11	0.089	0.076	0.083
Lead	<0.020	<0.020	<0.020	<0.020
Manganese	0.010	0.009	0.008	0.008
Molybdenum	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010
Phosphorus	<0.060	<0.060	<0.060	<0.060
Silicon	1.0	1.1	1.0	1.1
Silver	<0.010	<0.010	<0.010	<0.010
Strontium	0.028	0.025	0.024	0.026
Sulphur	1.0	0.76	0.77	1.1
Thallium	<0.060	<0.060	<0.060	<0.060
Tin	<0.050	<0.050	<0.050	<0.050
Titanium	<0.010	<0.010	<0.010	<0.010
Vanadium	<0.005	<0.005	<0.005	<0.005
Zinc	<0.005	<0.005	<0.005	<0.005
Zirconium	<0.010	<0.010	<0.010	<0.010

Note: All results expressed as mg/l unless otherwise stated.

< denotes less than method detection limit (MDL)

F. Duncan

ACCURASSAY LABORATORIES

3 Industrial Drive, P.O. Box 426, KIRKLAND LAKE ON P2N 3J1
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Att'n : E. Downie

November 26, 1999

Work Order #: E992528
Ref #: 990449
Date Received: November 9, 1999
Sample Date: November 2, 1999

PARAMETER	SAMPLE I.D. South Tailings	NW-Cass Inlet	SE-Cass Outlet	West Waste Rock
pH (units)	7.42	7.03	7.15	7.13
Conductivity (uS/cm)	74	83	82	86
Total Alkalinity (as CaCO3)	33.7	27.0	26.4	27.0
Bicarbonate Alkalinity (as CaCO3)	33.7	27.0	26.4	27.0
Carbonate Alkalinity (as CaCO3)	<1.0	<1.0	<1.0	<1.0
Hydroxide Alkalinity (as CaCO3)	<1.0	<1.0	<1.0	<1.0
Calcium (Diss.)	11.9	9.68	9.60	9.71
Magnesium (Diss.)	1.68	1.29	1.32	1.5
Sodium (Diss.)	0.660	0.568	0.532	0.623
Potassium (Diss.)	0.512	0.491	0.463	0.483
Chloride	0.280	0.276	0.276	0.310
Nitrate (NO3-N)	<0.020	0.026	<0.020	<0.020
Nitrite (NO2-N)	<0.020	<0.020	<0.020	<0.020
Sulphate	2.66	2.09	2.06	2.75
Total Hardness (as CaCO3)	38.6	29.5	29.4	30.4
Total Dissolved Solids	78	64	50	44

Note: All results expressed as mg/L unless otherwise stated.

< denotes less than method detection limit (MDL)

D. G. Duncan
CHEMIST

F. Duncan

ACCURASSAY LABORATORIES

A DIVISION OF ASSAY LABORATORY SERVICES INC.

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PHONE (807) 623-6448
FAX (807) 623-6820

Wolfden Resources Inc.
4th Floor, 7 Station St
Toronto, Ontario
M5K 1C4
Att'n: Ewan Downie
Fax (807) 473-1978

Dec 13, 1999

Job# 990449

SAMPLE # Accurassay	Customer	Gold ppb	Gold Oz/t
1	Smelter Slag	19437	0.567
2 Check	Smelter Slag	19397	0.566

Certified By:

SCHEDULE "B"

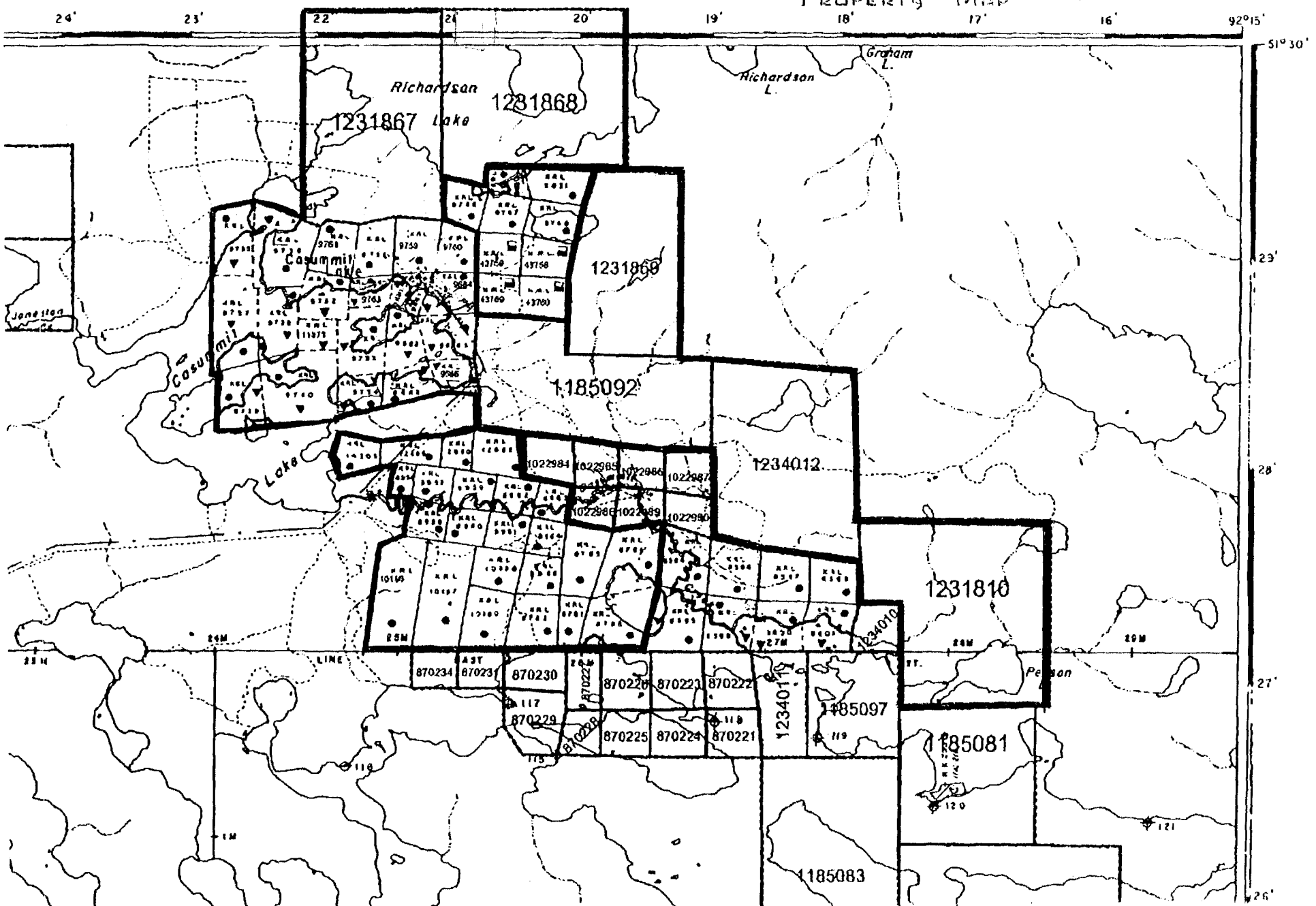
The Argosy Mine Property consists of the following 44 mining claims;

KRL 9733-9740 incl., 9758-9763 incl., 9681-9686 incl., 11371, 10186-10189 incl., 8782-8786 incl., 14206, 12689, 12690, 12685, 8956-8964 incl., 9946.

SCHEDULE "B"

BROWNSTONE LAKE G-1742

FIGURE 1
PROPERTY MAP



Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use)
W 0020.00003
Assessment Files Research Imaging

52N08NW2007 2.20010 CASUMMIT LAKE 900

f subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assesment work and co[illegible] mining land holder. Questions about this Northern Development a[illegible]

Instructions: - For work performed on Crown Lands before **recording** a claim, u[illegible]
- Please type or print in ink.

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

Name MARSTAN EXPLORERS. LTD. (PATENTED CLAIMS)	Client Number
Address SUITE 402, 111 RICHMOND ST. W. TORONTO, ONT.	Telephone Number 416-368-9411
	Fax Number 416-861-0749
Name PERRY ENGLISH (UNPATENTED CLAIMS)	Client Number 129617
Address P.O. BOX 494 RED LAKE, ONT. P0V 2M0	Telephone Number 204-483-3551
	Fax Number 204-483-3641

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

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

Work Type REHAB - ENVIRONMENTAL ASSESSMENT	Office Use
	Commodity GOLD
	Total $ Value of Work Claimed # 4,683.01
Dates Work Performed From 01 (Day) 11 (Month) 99 (Year) To 24 (Day) 11 (Month) 99 (Year)	NTS Reference
Global Positioning System Data (if available) Township/Area CASUMMIT LAKE AREA BRUNSTONE LAKE AREA	Mining Division RED LAKE
M or G-Plan Number G-1751 G-1742	Resident Geologist District RED LAKE

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

RECORDED JAN 10 2000

RECEIVED JAN 13 2000 GEOSCIENCE ASSESSMENT OFFICE

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

Name JOHN BURNS - DILLON CONSULTING	Telephone Number 204-453-2301
Address 6 DONALD ST. SOUTH, WINNIPEG, MAN. R3L 0K6	Fax Number 204-452-4412
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED RED LAKE MINING DIV. JAN 10 2000 AM 7.8.9.10.11.12.1.2.3.4.5.6 PM 3:50PM

4. Certification by Recorded Holder or Agent

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

Signature of Recorded Holder or Agent		Date JAN 10/2000
Agent's Address 4283 Loch Lomond Rd. Thunder Bay, Ont. P7J 1H1	Telephone Number 807-473-6723	Fax Number 807-473-1977

0241 (03/97)

April 09/7 pm

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

W.0020.00003

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	KRL 9681	1	$1,561.00	Ø	$1,561.00	
2	KRL 9682	1	$1,561.00	Ø	$1,561.00	
3	KRL 9684	1	$1,561.01	Ø	$1,561.01	
4	1185092	12	Ø	Ø	Ø	
5	1231810	14	Ø	Ø	Ø	
6	1231867	15	Ø	2,191.80	Ø	
7	1231868	14	Ø	2,491.21	Ø	
8	1231869	8	Ø	Ø	Ø	
9	1234012	12	Ø	Ø	Ø	
10						
11						
12						
13						
14						
15						
	Column Totals					

RECORDED
JAN 10 2000

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

Signature of Recorded Holder or Agent Authorized in Writing	Date
	JAN. 10/2000

6. **Instruction for cutting back credits that are not approved.**

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

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

2. 2 0 0 1 0

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

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
RECEIVED RED LAKE MINING DIV. JAN 10 2000 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM 1:50pm	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W 0020.00003

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Environmental Assessment Report			1,990.02
Accurassay Laboratories			1,910.39
Keeper Air Services			782.60
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Keeper Air - As Above			
Food and Lodging Costs			
		Total Value of Assessment Work	$4,683.01

RECORDED
JAN 10 2000

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK	x 0.50 =	Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Ewan Downie (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as President, Wolfden Res. Inc. (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature	Date
	Jan. 10/2000

0212 (03/97)

RECEIVED
RED LAKE MINING DIV.
JAN 10 2000
AM PM
7,8,9,10,11,12,1,2,3,4,5,6
3:50PM

RECEIVED
JAN 13 2000
GEOSCIENCE ASSESSMENT OFFICE

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

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

Telephone: (888) 415-9845
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

March 2, 2000

PERRY VERN ENGLISH
P.O. BOX. 494
RED LAKE, Ontario
P0V-2M0

Dear Sir or Madam:

Submission Number: 2.20010

		Status
Subject: Transaction Number(s):	W0020.00003	Approval

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

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

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

If you have any questions regarding this correspondence, please contact LUCILLE JEROME by e-mail at lucille.jerome@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 14633
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.20010

Date Correspondence Sent: March 02, 2000 **Assessor:** LUCILLE JEROME

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0020.00003	KRL 9681	CASUMMIT LAKE	Approval	March 01, 2000

Section:
17 Assays ASSAY

Correspondence to:

Resident Geologist
Red Lake, ON

Assessment Files Library
Sudbury, ON

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

Ewan Downie
THUNDER BAY, ONTARIO, CANADA

PERRY VERN ENGLISH
RED LAKE, Ontario

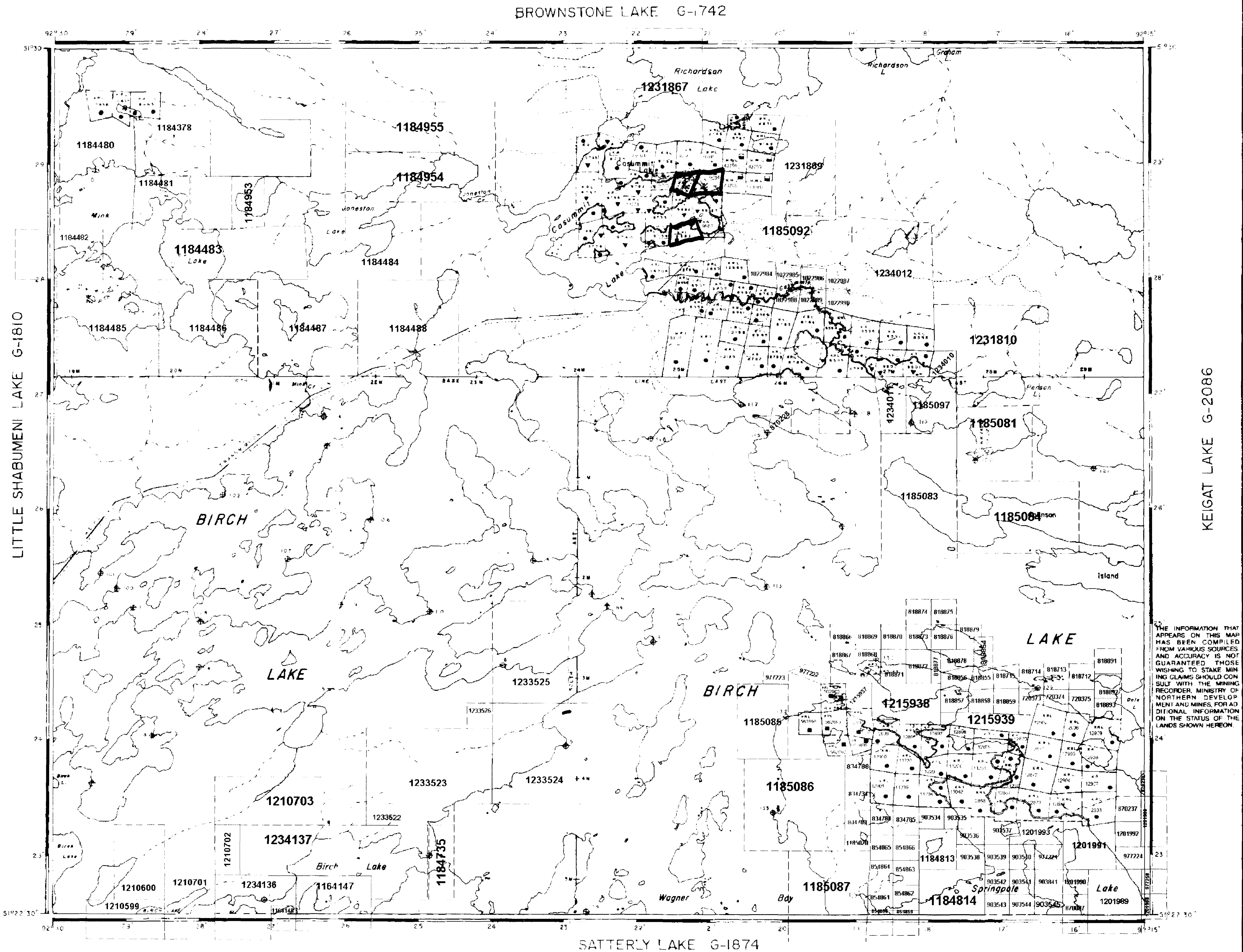
Correspondence ID: 14633

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



52N08NW2007 2.20010 CASUMMIT LAKE 200

REFERENCES

LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	▼
ORDER IN COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 2000
1 KM 2 KM

AREA
CASUMMIT LAKE

M.N.R. ADMINISTRATIVE DISTRICT
RED LAKE
MINING DIVISION
RED LAKE
LAND TITLES / REGISTRY DIVISION
KENORA

Ontario — Ministry of Natural Resources — Land Management Branch

Date: JANUARY, 1983
IN SERVICE SEP 24/98

Number: G-1751