41I04NE2003 2.20519 ROOSEVELT 010

Hanwood Lake Gold Project

J. W. White Claim Group

Roosevelt Twp.

Sudbury Mining Division

By

Lordan Exploration Services

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GEOSCIENCE ASSESSMENT OFFICE

May 2000

Ontario

GEOLOGY AND PRINCIPAL MINERALS OF ONTARIO

HUDSON BAY

JAMES BAY

MANITOBA

Major Mineral Deposits
Past and Present

- Gold
- Silver
- Iron
- Copper-Nickel
- Zinc-Copper
- Platinum-Palladium
- Uranium
- Industrial Minerals

Red Lake
Kenora
Geraldton
Thunder Bay
Moosonee
Timmins
Kirkland Lake
Cobalt
Sudbury
Sault Ste. Marie
Ottawa
Toronto
London
Windsor

Hanwood Lake Gold Project

U.S.A.

L. SUPERIOR
L. MICHIGAN
L. HURON
L. ONTARIO
L. ERIE

QUEBEC

Scale 1 : 8 000 000

50 0 50 100 150 200 Kilometres
50 0 50 100 150 Miles

LEGEND[a]

PHANEROZOIC
MESOZOIC
CRETACEOUS
Sedimentary rocks

PALEOZOIC
DEVONIAN
Sedimentary rocks
SILURIAN
Sedimentary rocks
ORDOVICIAN
Sedimentary rocks
CAMBRIAN
Sedimentary rocks

PRECAMBRIAN
GRENVILLE PROVINCE
PROTEROZOIC
NEO- TO MESOPROTEROZOIC
Migmatitic rocks and gneisses
Mafic to ultramafic plutonic rocks
Felsic plutonic rocks, derived gneisses and migmatites

SUPERIOR AND SOUTHERN PROVINCES
NEO-TO MESOPROTEROZOIC
Felsic intrusive rocks
Mafic intrusive rocks
Volcanic and sedimentary rocks
PALEOPROTEROZOIC
Mafic intrusive rocks
Metasedimentary and metavolcanic rocks

SUPERIOR PROVINCE
ARCHEAN
NEO- TO MESOARCHEAN
Massive to foliated granodiorite to granite
Foliated to gneissic tonalite to granodiorite
Metasedimentary rocks and derived gneisses

MESOARCHEAN
Metavolcanic and metasedimentary rocks

Hanwood Lake Gold Project
Roosevelt Twp.
Sudbury Mining Division

Location:

The ["Hanwood Lake"] J.W. White Project consists of [11] unpatented mining claims which are located in the Leech Lake, Hanwood Lake area of Roosevelt Twp. Sudbury Mining Division.[NTS sheet 41 1/04]. The property is situated approximately 12 miles southeast of Espanola and about 44 miles southwest of Sudbury, Ontario. It is centered on Lat. 46 degrees 09 minutes, 22 seconds, north and 81 degrees, 33 minutes, 15 seconds west Long. G-plan 3183. ODM. map ref. P. 668 Panache Lack Area [West Half].

Access:

Access to the property is by gravel road southeastward from Espanola for 10 miles to Hanna lake, and then by boat through Hanna Lake to the south shore of Plunge Lake. An alternative route is by gravel road eastward from about 5.5 miles north of Whitefish Falls along Highway 6 towards Espanola to Lang Lake. From Lang Lake access by boat to the south shore of Plunge Lake a distance of approximately 15 miles.

Claim Group:

The claim group consists of 11 unpatented mining claims , all presently in good standing, in Roosevelt Twp.,as shown on claim map G- 3183 from the MNDM website, May 2000. The claim numbers are as follows.

S - 854861	S - 791264
894862	791266
894863	791269
721041	994574
721042	398278
	388279

General Geology :

The Hanwood Lake Gold Project is underlain by generally east-west trending metasediments in the Gowganda Formation of the Huronion Supergroup. The Gowganda Formation comprises largely of a series of polymictic para and orthoconglomerates containing lenses of quartz feldspar sandstone, argillite, siltstone and greywacke.

In the vicinity of claim 721042 the Gowganda metasediments unconformably overly a quartz feldspar - calcareous sandstone sequence of the Serpent Formation [Quirk Lake Group] . East west trending Nipissing Diabase dykes and sills intrude all rocks in the property area.

Previous Work :

Harwood Lake Mines Ltd. performed 4006 feet of diamond drilling [12 holes] between 1935 - 1937. Several pits and trenches were also excavated during this time and in 1937 a 50 ft. shaft was sunk immediately south of the west end of Hanwood Lake.

In 1984 J. W. Grant and R. J. Fraser performed line cutting and ground geophysical surveys [VLF and Mag.] in the immediate vicinity of and covering part of the Hanwood Lake Gold Project area.

In 1991 Cathy Butella, geologist, Shawonis Explorations, completed a cursory prospecting, geological and sampling program over the entire claim group in which favorable alteration and structure were noted in rock assemblages, which to-date have remain largely untested.

During 1993 Shawonis Exploration, conducted line cutting, geological mapping, over the claim group and surface sampling areas of interest .

From 1980 - 1999, under the direction of J. W. White, exploration work has consisted largely of prospecting , manual stripping , sampling and trenching over a limited area of the claim group.

In 1999 Lordan Exploration Services conducted a ground magnet survey over the ice area of Leech Lake and Hanwood Lake.

Mining Lands - Mining Claims Client Report

Sudbury - Division 70

CLIENT: 208286 - WHITE JAMES WILLIAM

TOWNSHIP / AREA	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
ROOSEVELT	S 398278	1980-OCT-17	2001-OCT-17	A	100.00 % N	400	8000	231	0
ROOSEVELT	S 398279	1980-OCT-17	2000-OCT-17	A	100.00 % N	400	7600	0	0
ROOSEVELT	S 721041	1983-NOV-18	2000-NOV-18	A	100.00 % N	400	6400	0	0
ROOSEVELT	S 721042	1983-NOV-18	2000-NOV-18	A	100.00 % N	400	6400	1	0
ROOSEVELT	S 791264	1984-MAY-15	2000-SEP-26	A	100.00 % N	400	6000	1	0
ROOSEVELT	S 791266	1984-MAY-15	2000-SEP-26	A	100.00 % N	400	6000	1	0
ROOSEVELT	S 854861	1986-MAY-26	2000-SEP-26	A	100.00 % N	400	5200	1	0
ROOSEVELT	S 854862	1986-MAY-26	2000-SEP-26	A	100.00 % N	400	5200	1	0
ROOSEVELT	S 854863	1986-MAY-26	2000-SEP-26	A	100.00 % N	400	5200	1	0
ROOSEVELT	S 994574	1988-MAY-13	2001-MAY-13	A	100.00 % N	400	4800	1	0

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Hanwood Lake Project J.W.White Property
May 2000
Summary Report

Lordan Exploration Services completed an exploration work program during the month of May, 2000, for J.W. White, property holder, of 11 unpatented mining claims in Roosevelt Twp., Sudbury Mining Division. The work program targeted two objectives. [a] Evaluation of PGM mineral potential of Nipissing gabbroic rocks occupying the northern portion of the claim group. [b] Investigate the " sulphide dyke" high grade gold occurrence, adjacent to the north shore of western Hanwood Lake, for possible extensions by conducting multi-element geochemical analysis of the soil and" dyke" host rock along projected strike directions.

Recently the global demand for PGM has increased dramatically causing commodity prices to rise, particularly palladium and rhodium. The Nipissing Gabbroic Suite of rocks are known to host PGM mineralization in the Sudbury mining area and importantly in adjoining Curtin Twp. on the "Casson Lake Project" where PGE values in channel samples exceed 8.8 gr. / t. No geological report of Roosevelt Twp. is presently in circulation from government files, however, geological mapping by K.D.Card [Panache Lake West Sheet] does cover the area on a scale 1: 50,000.

Previous workers, Shawonis Exploration 1993, [Catherine Butella, geologist] mapped the property on a 1:10,000 scale which was used to facilitate the current exploration program. The geology generally hosts similar lithologies as that of Curtin Twp. and the known PGM and gold occurrences of the area. Typically, rocks of the Huronian Supergroup are intruded by dykes / sills of Nipissing Gabbro which have been displaced by faulting in a northwesterly direction. The gabbro intrusion located within the project area, appears to be the faulted eastern extension of the " Casson Lake Intrusion " in Curtin Twp. Historically, gold occurrences in this area, have been documented to occur along the margins in adjacent sedimentary rocks and within the mafic intrusive. In the Casson Lake Intrusion PGM associated with significant gold occur solely within the gabbro associated with pyrrhotite, chalcopyrite and in one instance chromite. The first phase of this program concentrated on locating possible PGM horizons within the gabbro of the Hanwood Lake project area. The results were not encouraging, only three samples contained anomalous elevations of PGE. Multi-element scans failed to identify anything of importance, therefore no further work is recommended at this time.

The landmass covering the vicinity of the " sulphide dyke" is relatively small due to the short distance between Hanwood Lake and Leech Lake. The projected strike of this gold occurrence appears to be somewhat east / west. Previous workers [Harwood Lake Mines 1929], excavated several test pits in attempt to examine the underlying bedrock but failed to establish the presumed extension of the dyke to the west. Phase two of this program initiated a " B" horizon soil sampling survey over this area which proved to have some encouraging possibilities regarding the continuity of the gold mineralization. Sample number [JW20 - 38] returned a value of 108 ppb.Au., from rusty brown grit, immediately adjacent to the north contact of Hanwood Lake shoreline and down-slope from an green carbonate [fuchsite] altered mafic dyke striking NNW. It is quite possible that the main " sulphide dyke" is faulted by the introduction of this mafic dyke and the western continuance could presumably extends under Hanwood Lake as all other soil samples failed to indicate the presence of gold. Several old pits in a low lying depression on the south side of a small creek draining between the western end of Hanwood Lake and the central southern inlet to Leech Lake, suggest this to be the best probable location for continuity. Rubble in the creek bed and limited bedrock sampling, revealed strong alteration including green carbonate, silicification and seritization and the presence of anomalous gold.

Because limited funds assigned to the present work program prohibited follow-up work and the spacing [25 m] between samples used in this survey, it is recommended that additional soil and lake-bottom sediment sampling be conducted to enhance the present theory. Soil sampling of the "B" horizon at 12.5 metre intervals, would more accurately identify the anomaly. Lake-bottom sediment samples could be accurately positioned by boring holes through the ice during the winter on 12.5 metre stations and 25 metre line intervals.

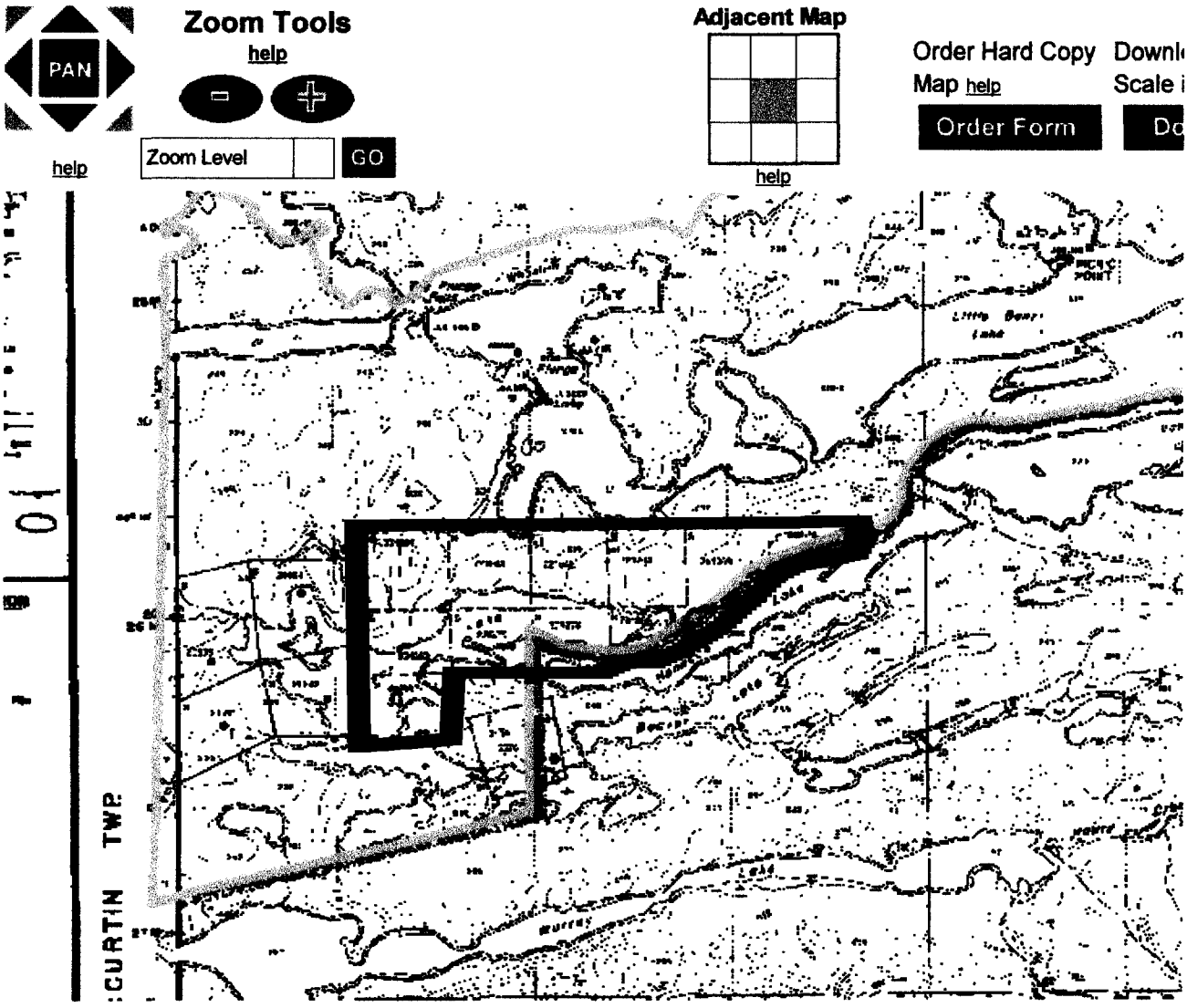
The final stage of this program was directed at following-up a recommendation made by geologist Catherine Butella, that channel sampling of the " sulphide dyke" and multi-element scans be carried out to better understand the geochemistry of the host rock. Twenty-five 50.cm. channel samples were cut using a gas powered diamond saw across the main showing at irregular intervals for a distance of 80 metres. Channel sample assays results clearly confine gold values to two narrow blue quartz veins. The best intersections returned values of 2.195 gr./ t Au. over 1.5 m and 4.3 gr./ t Au. over 0.5 m. In an old pit approx. 25 m. east of L2E, 4+50S a grab sample returned 26.7 gr. / t Au. from quartz vein material very similar to the veins described above. Trace element geochemistry from these samples provide little clues as to the origin of the gold however, the fuchsite alteration observed in several locations points to prolonged hydrothermal activity and possibly evident of volcanism within the Huronian sequence. The author believes that there is sufficient field evidence to support this hypothesis therefore further work is recommended.

By

Dan Brunne

Geotechnologist

G-3183 - ROOSEVELT - SUDBURY Division



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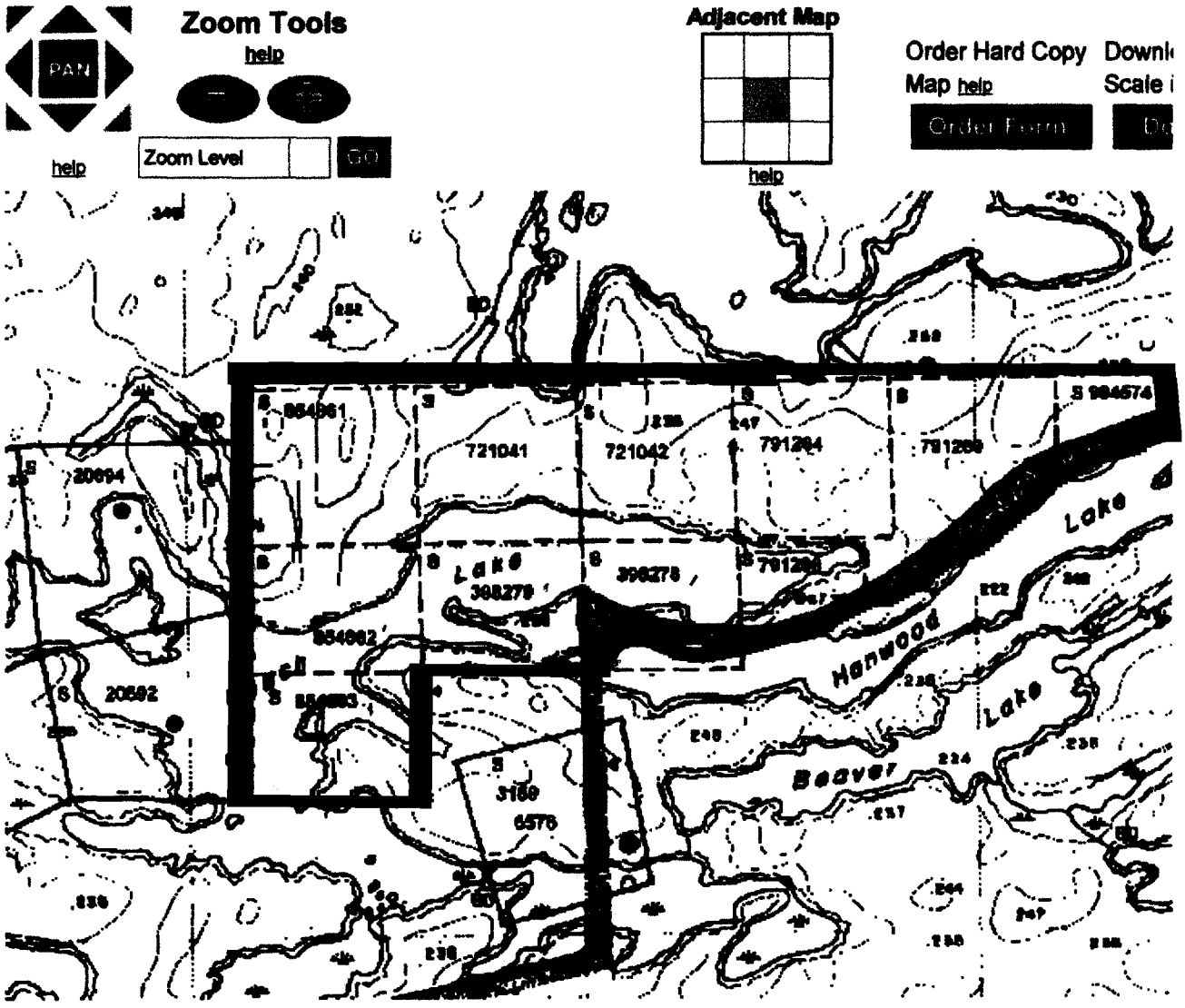

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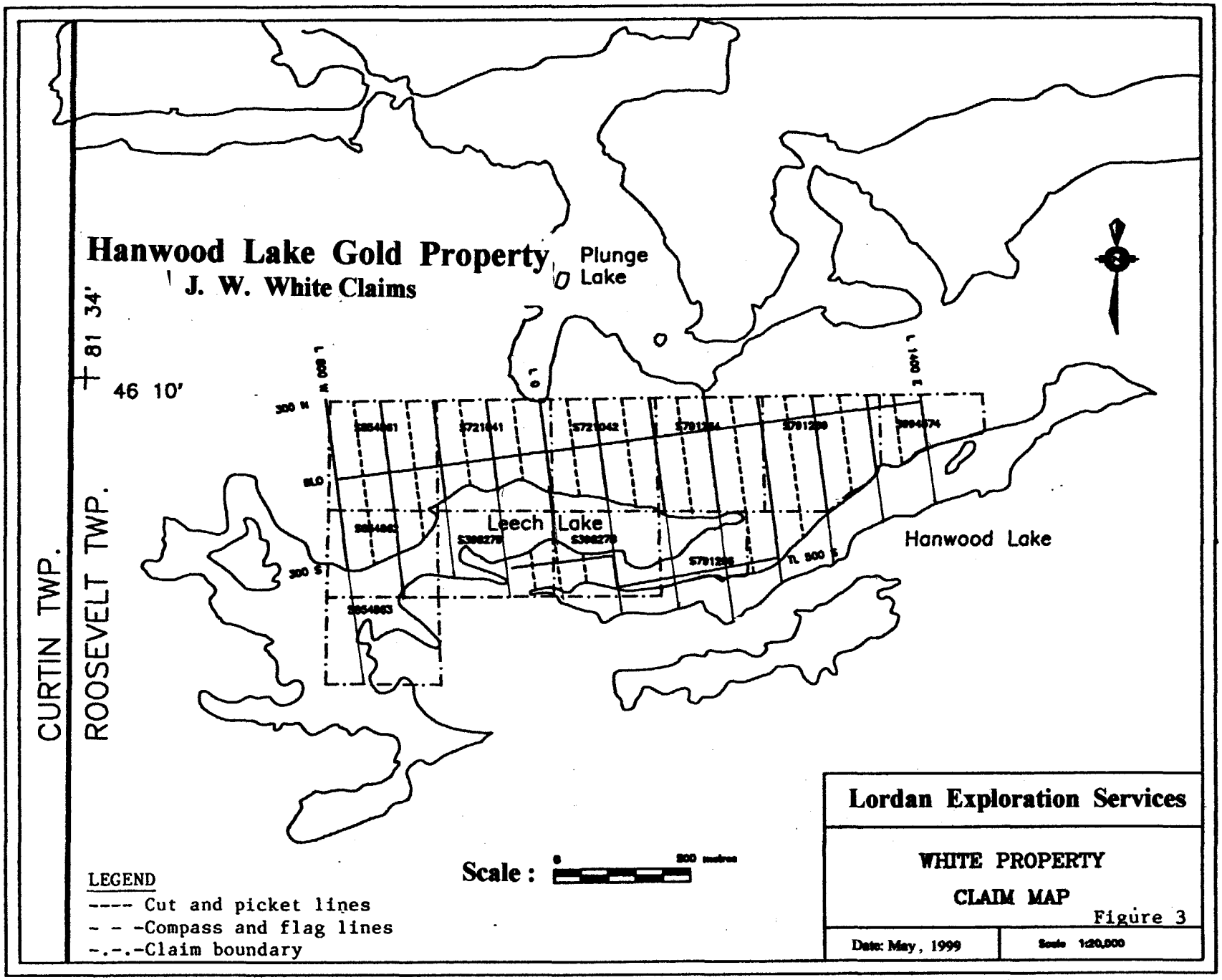
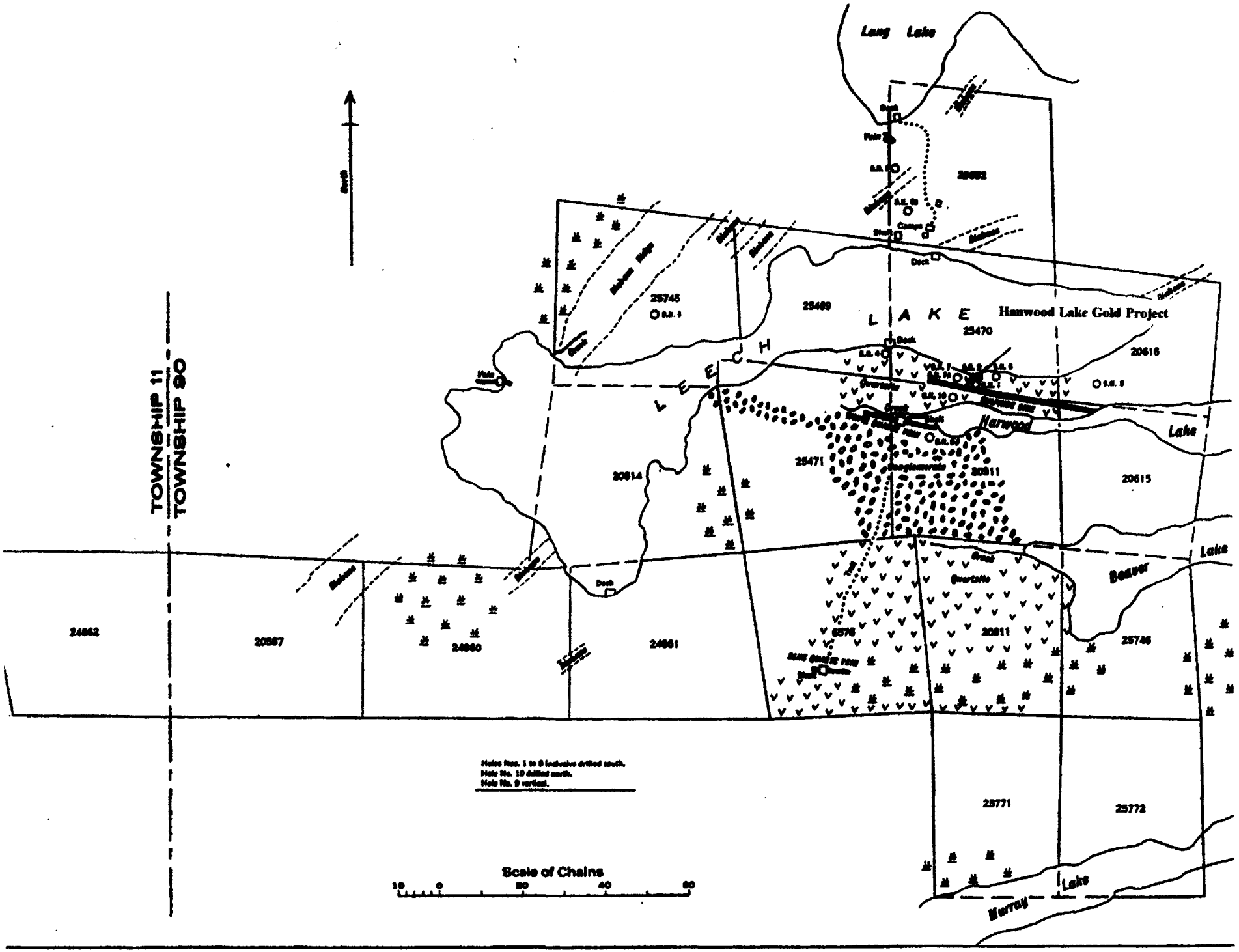

Hanwood Lake Gold Property
J. W. White Claims
Plunge Lake
81 34'
46 10'
CURTIN TWP.
ROOSEVELT TWP.
Leech Lake
Hanwood Lake
Scale :
LEGEND
---- Cut and picket lines
- - -Compass and flag lines
-.-.-Claim boundary
Lordan Exploration Services
WHITE PROPERTY
CLAIM MAP
Figure 3
Date: May, 1999
Scale 1:20,000



Chronology, Review Map of the Property of Harwood Lake Mines Limited

Hanwood Lake Project
May 2000
Sample Descriptions

PGM Grab Samples

JW20 - 1 Thru JW20 - 29

Hanwood Lake Project
May 2000
Sample Descriptions

JW20 - 1 Grab Dark gray dolomitic rock, 1 - 2% diss. py + minor specular hematite.

JW20 - 2 Grab 10cm. wide quartz vein with 10% py. in green carbonate alteration dyke.

JW20 - 3 Grab Massive green carbonate [fuchsite] ?

JW20 - 4 Grab Gabbro- cr. gr. leuco-gab. 1% diss. cpy. North shore Leech Lake.

Jw20 - 5 Grab Gabbro- cr. gr. leuco-gab. 2% cpy. as small blebs + minor po. & py.

JW20 - 6 Grab Gabbro- Med. gr. leuco-gab. 1% diss [cpy.70+po30].

JW20 - 7 Grab Gabbro- med. gr. leuco-gab. 1% diss. cpy.

JW20 - 8 Grab Gabbro- cr.gr. peg. dyke 1% diss [po 80+cpy 20].

JW20 - 9 Grab Gabbro- med. gr. 1% diss. cpy.

JW20 -10 Grab Gabbro- shear zone, green carb. alteration, 1% diss cpy.

JW20 -11 Grab Gabbro - shear zone, green carb. alter. with minor pyrite.

JW20 - 12 Grab -Gabbro- cr. gr. hornblende gab. tr. cpy.

JW20 - 13 Grab- Gabbro - med. cr gr. 1% diss. cpy with minor malachite.

JW20 - 14 Grab- Gabbro - med. gr. with mod. amount of cobalt bloom, tr. cpy.

JW20 - 15 Grab- Gabbro - med. gr. green carb. alter, tr py.

JW20 - 16 Float- Qtz. vein mat`l. 10% asp.

JW20 - 17 Float- Carbonitized sediment 5% diss. py.

JW20 - 21 Grab- Float / frost heave, med. gr. melanogabbro 2% [po 90 + cpy 10].

JW20 - 22 Grab- Same area as above [s.a.a.], frost heave, med.gr. melanogabbro 2% [po 90 + cpy 10].

JW20 - 23 Grab- Float / frost heave, qtz / carb. minor cpy.

JW20 - 24 Grab- Float / frost heave, s.a.a. qtz / carb. tr cpy.

JW20 - 25 Grab.- Float / frost heave, s.a.a. qtz / carb. 1% diss py.

JW20 - 26 Grab- Float / frost heave, s.a.a. qtz / carb. 1% diss. cpy.

JW20 - 27 Grab- s.a.a. qtz / carb. 1% diss py.

JW20 - 28 Grab- Albitized qtzite / carb. 1% diss. py.

JW20 - 29 Grab- qtz vein in gray dolomitic host rock, 3 Lg. blebs of cpy.

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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Certificate of Analysis

Monday, May 29, 2000

Brunne, Dan
P.O. Box 35
Whitefish Falls, ON, CA
P0P2H0
Ph#: (705) 285-4422
Fax#: (705) 285-0216

Date Received : 25-May-00
Date Completed : 29-May-00
Job # 200040286
Reference : Rock
Sample #: 26 Rock

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
9349	JW-1	6	< 15	< 10	
9350	JW-2	53	< 15	< 10	
9351	JW-3	< 5	< 15	< 10	
9352	JW-4	10	< 15	< 10	
9353	JW-5	19	< 15	< 10	
9354	JW-6	20	< 15	< 10	
9355	JW-7	38	< 15	< 10	
9356	JW-8	< 5	< 15	< 10	
9357	JW-9	10	24	26	
9358	JW-10	< 5	< 15	< 10	
9359 Check	JW-10	< 5	< 15	< 10	
9360	JW-11	36	< 15	< 10	
9361	JW-12	< 5	< 15	< 10	
9362	JW-13	17	< 15	24	
9363	JW-14	< 5	< 15	19	
9364	JW-15	32	< 15	15	
9365	JW-16	23	< 15	13	
9366	JW-17	56	< 15	< 10	
9367	JW-21	83	34	40	
9368	JW-22	61	< 15	41	
9369 Check	JW-22	57	29	39	
9370	JW-23	< 5	< 15	< 10	
9371	JW-24	< 5	< 15	< 10	
9372	JW-25	< 5	< 15	< 10	

PROCEDURE CODE: AA/FP

Certified By:

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Job # 200040286
Reference : Rock
Sample #: 26 Rock

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb
9373	JW-26	6	19	14	
9374	JW-27	11	< 15	< 10	
9375	JW-28	7	< 15	< 10	
9376	JW-29	< 5	< 15	< 10	

PROCEDURE CODES: AA4PP

Certified By:

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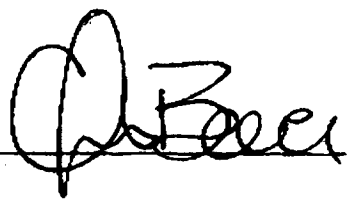
Brunne, Dan
P.O. Box 35
Whitefish Falls, Ontario
P0P 2H0

June 5, 2000

Job #200040266

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 %
JW-1	<.3	1.66	10	12	26	1.0	<5	3.38	0.6	46	92	259	9.76	0.09	11	1.98
JW-2	<.3	0.14	444	6	18	0.3	<5	0.85	<.5	31	136	130	5.74	0.05	10	0.36
JW-3	<.3	0.21	717	10	29	0.7	7	5.90	2.0	60	136	12	6.35	0.18	<1	6.47
JW-4	<.3	0.87	34	<5	28	0.4	<5	0.60	<.5	25	107	359	1.63	0.02	12	0.53
JW-5	<.3	1.29	26	6	16	0.4	<5	0.84	0.7	43	154	863	2.60	0.03	19	1.05
JW-6	<.3	1.10	51	<5	23	0.4	<5	0.55	<.5	42	150	850	2.41	0.03	15	0.92
JW-7	<.3	1.10	205	<5	19	0.4	5	0.56	<.5	37	177	1078	3.27	0.03	28	0.81
JW-8	<.3	0.72	13	<5	27	0.2	<5	0.17	<.5	11	155	181	2.38	0.02	13	0.44
JW-9	<.3	1.90	10	5	16	0.4	<5	1.00	0.7	19	193	137	2.05	0.03	4	1.06
JW-10	<.3	0.20	21	<5	25	0.3	<5	0.70	<.5	4	135	49	1.18	0.10	15	0.33
JW-11	<.3	0.28	109	9	42	0.8	<5	8.92	0.8	14	143	147	3.35	0.21	5	4.80
JW-12	<.3	1.96	13	9	36	0.4	<5	1.00	0.5	26	89	92	3.38	0.13	12	1.07
JW-13	<.3	1.07	6	6	20	0.2	<5	0.44	<.5	15	216	305	1.55	0.03	5	0.73
JW-14	<.3	4.20	94	8	17	0.5	<5	2.02	0.8	51	156	13	6.76	0.07	10	3.78
JW-15	<.3	0.42	262	9	56	0.5	<5	4.13	0.7	51	40	50	7.52	0.17	8	2.53

	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
JW-1	1437	4	0.07	58	2042	22	7	<5	0.07	<5	71	0.10	241	<2	33
JW-2	279	2	0.05	127	588	11	2	<5	0.04	<5	15	<.01	12	<2	5
JW-3	2286	2	0.04	387	771	19	<2	<5	0.08	<5	138	<.01	13	<2	20
JW-4	150	2	0.05	44	662	13	<2	<5	0.07	<5	18	0.25	59	<2	16
JW-5	292	3	0.07	72	763	12	5	<5	0.10	<5	13	0.24	79	<2	39
JW-6	246	3	0.06	73	564	15	<2	<5	0.09	<5	10	0.21	61	<2	33
JW-7	213	2	0.07	78	836	11	<2	<5	0.12	<5	17	0.27	86	<2	26
JW-8	152	6	0.06	21	585	16	<2	<5	0.07	<5	11	0.08	25	<2	17
JW-9	260	2	0.33	64	563	13	<2	<5	0.11	<5	23	0.16	34	<2	28
JW-10	173	1	0.04	29	636	11	<2	<5	0.04	<5	11	<.01	12	<2	7
JW-11	1386	1	0.04	90	1109	17	<2	<5	0.07	<5	195	<.01	10	<2	6
JW-12	389	<1	0.10	37	617	14	<2	<5	0.13	<5	18	0.22	80	<2	17
JW-13	161	<1	0.09	57	623	10	<2	<5	0.05	<5	6	0.09	24	<2	19
JW-14	651	<1	0.06	94	738	11	<2	<5	0.13	<5	8	<.01	171	<2	41
JW-15	1873	<1	0.05	79	794	9	<2	<5	0.06	<5	83	<.01	13	<2	19

Certified By: 

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P0P 2H0

June 5, 2000

Job #200040286

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 %
JW-16	<.3	0.26	203	8	37	0.6	<5	6.37	1.1	35	157	78	4.22	0.15	2	2.78
JW-17	<.3	0.11	6794	<5	34	0.1	<5	0.26	<.5	44	267	115	1.96	0.04	5	0.10
JW-21	<.3	1.42	63	<5	21	0.2	<5	0.44	<.5	104	100	2655	3.84	0.06	7	1.03
JW-22	<.3	1.56	43	<5	22	0.3	<5	0.50	<.5	86	122	2416	4.09	0.06	8	1.18
JW-23	<.3	1.29	93	5	21	0.5	<5	2.65	1.0	21	144	9	3.56	0.09	5	2.07
JW-24	<.3	0.35	112	5	30	0.4	<5	2.81	0.7	15	403	12	2.22	0.12	17	1.25
JW-25	<.3	1.45	50	<5	23	0.5	<5	2.01	<.5	27	145	55	3.80	0.12	11	1.79
JW-26	<.3	3.34	70	5	38	0.7	<5	3.22	<.5	54	203	16	7.37	0.19	<1	3.92
JW-27	<.3	0.18	37	<5	24	0.2	<5	0.61	<.5	6	222	61	0.92	0.04	12	0.26
JW-28	<.3	0.10	156	<5	15	0.1	<5	0.36	<.5	3	319	14	0.65	0.01	15	0.14
JW-29	<.3	2.14	56	<5	16	0.4	<5	1.38	1.1	19	221	730	4.84	0.06	11	2.11

	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
JW-16	1363	<1	0.06	73	859	12	<2	<5	0.05	<5	118	<.01	13	<2	4
JW-17	229	<1	0.02	43	109	7	<2	<5	0.03	<5	6	<.01	2	<2	22
JW-21	242	1	0.05	1214	<100	12	<2	<5	0.07	<5	9	0.07	26	<2	41
JW-22	275	<1	0.04	1026	639	13	<2	<5	0.07	<5	12	0.06	29	<2	37
JW-23	418	<1	0.07	54	537	11	5	<5	0.07	<5	46	<.01	39	<2	6
JW-24	530	<1	0.06	72	545	8	<2	<5	0.06	<5	71	<.01	10	<2	5
JW-25	520	<1	0.06	58	797	14	<2	<5	0.05	<5	28	<.01	43	<2	26
JW-26	708	<1	0.05	99	1256	18	4	<5	0.16	<5	51	<.01	80	<2	36
JW-27	199	<1	0.10	21	532	7	<2	<5	0.04	<5	8	<.01	8	<2	60
JW-28	111	<1	0.10	21	691	<2	<2	<5	0.03	<5	3	<.01	2	<2	<1
JW-29	439	<1	0.07	68	742	17	<2	<5	0.09	<5	10	<.01	75	<2	161

Certified By:

Hanwood Lake Project
May 2000
Sample Descriptions

" B " Horizon Soil Samples

JW20-30 Thru JW20-62

JW20-88 Thru JW20-91

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

Certificate of Analysis

Tuesday, June 13, 2000

Brunne, Dan
P.O. Box 35
Whitefish Falls, ON, CA
P0P2H0
Ph#: (705) 285-4422
Fax#: (705) 285-0216

Date Received : 25-May-00
Date Completed : 12-Jun-00
Job # 200040287
Reference : Soil
Sample #: 32 Soil

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
9377	JW-30	< 5	<0.001	< 0.005
9378	JW-31	< 5	<0.001	< 0.005
9379	JW-32	< 5	<0.001	< 0.005
9380	JW-33	< 5	<0.001	< 0.005
9381	JW-34	< 5	<0.001	< 0.005
9382	JW-35	< 5	<0.001	< 0.005
9383	JW-36	< 5	<0.001	< 0.005
9384	JW-37	< 5	<0.001	< 0.005
9385	JW-38	108	0.003	0.108
9386	JW-39	< 5	<0.001	< 0.005
9387 Check	JW-39	< 5	<0.001	< 0.005
9388	JW-40	< 5	<0.001	< 0.005
9389	JW-41	< 5	<0.001	< 0.005
9390	JW-42	< 5	<0.001	< 0.005
9391	JW-43	< 5	<0.001	< 0.005
9392	JW-44	< 5	<0.001	< 0.005
9393	JW-45	< 5	<0.001	< 0.005
9394	JW-46	< 5	<0.001	< 0.005
9395	JW-47	7	<0.001	0.007
9396	JW-48	< 5	<0.001	< 0.005
9397 Check	JW-48	< 5	<0.001	< 0.005
9398	JW-49	< 5	<0.001	< 0.005
9399	JW-50	< 5	<0.001	< 0.005
9400	JW-51	< 5	<0.001	< 0.005

PROCEDURE CODES: AA-Au3

Certified By:

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.
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THUNDER BAY, ONTARIO P7B 6G3
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Certificate of Analysis

Tuesday, June 13, 2000

Brunne, Dan
P.O. Box 35
Whitefish Falls, ON, CA
P0P2H0
Ph#: (705) 285-4422
Fax#: (705) 285-0216

Date Received : 25-May-00
Date Completed : 12-Jun-00
Job # 200040287
Reference : Soil
Sample #: 32 Soil

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
9401	JW-52	< 5	<0.001	< 0.005
9402	JW-53	< 5	<0.001	< 0.005
9403	JW-54	< 5	<0.001	< 0.005
9404	JW-55	< 5	<0.001	< 0.005
9405	JW-56	< 5	<0.001	< 0.005
9406	JW-57	< 5	<0.001	< 0.005
9407 Check	JW-57	< 5	<0.001	< 0.005
9408	JW-58	< 5	<0.001	< 0.005
9409	JW-59	< 5	<0.001	< 0.005
9410	JW-60	< 5	<0.001	< 0.005

PROCEDURE CODE: AU-AA

Certified By:

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A DIVISION OF ASSAY LABORATORY SERVICES INC.
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THUNDER BAY, ONTARIO P7B 6G3
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FAX (807) 623-6820

Brunne, Dan
P.O. Box 35
Whitefish Falls, Ontario
P0P 2H0

June 5, 2000

Job #200040267

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 %
JW-30	<.3	1.76	14	16	56	0.5	<5	0.14	<.5	6	56	34	2.15	0.06	8	0.46
JW-31	<.3	1.78	5	18	100	0.5	<5	0.28	<.5	10	80	61	2.33	0.15	11	0.71
JW-32	<.3	2.01	6	16	106	0.6	<5	0.32	0.9	10	76	50	2.57	0.19	13	0.73
JW-33	<.3	1.68	5	15	106	0.6	<5	0.30	1.2	10	73	39	2.21	0.17	17	0.68
JW-34	<.3	1.75	<2	14	98	0.5	<5	0.26	<.5	8	65	43	2.08	0.10	3	0.57
JW-35	<.3	1.64	25	13	59	0.4	<5	0.10	<.5	11	43	24	1.69	0.05	2	0.31
JW-36	<.3	1.43	10	11	41	0.3	<5	0.06	<.5	5	44	22	1.66	0.04	5	0.16
JW-37	<.3	1.07	33	10	43	0.3	<5	0.07	0.7	4	47	24	1.81	0.05	3	0.19
JW-38	0.5	2.66	523	7	49	1.5	<5	0.26	1.2	59	1156	58	6.85	0.06	2	2.61
JW-39	<.3	1.50	16	9	62	0.3	<5	0.12	0.9	7	64	45	1.84	0.06	4	0.24
JW-40	0.6	1.18	7	9	56	0.3	<5	0.10	<.5	5	40	14	1.33	0.04	3	0.23
JW-41	0.4	1.05	10	8	56	0.3	<5	0.10	<.5	8	42	23	1.42	0.06	4	0.23
JW-42	<.3	0.72	3	7	52	0.2	<5	0.10	<.5	3	32	11	1.06	0.05	<1	0.17
JW-43	<.3	1.59	<2	8	91	0.4	<5	0.15	<.5	11	43	22	1.50	0.05	9	0.34
JW-44	<.3	1.88	<2	7	70	0.4	<5	0.15	<.5	10	66	52	1.85	0.07	7	0.52

	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
JW-30	161	5	0.01	23	676	17	6	<5	0.04	<5	23	0.09	37	<2	47
JW-31	316	1	0.03	32	993	20	<2	<5	0.04	<5	25	0.12	43	<2	53
JW-32	329	1	0.03	34	970	13	<2	<5	0.04	<5	19	0.14	48	<2	77
JW-33	437	<1	0.03	33	513	16	5	<5	0.04	<5	11	0.13	39	<2	84
JW-34	250	<1	0.02	32	465	18	6	<5	0.04	<5	5	0.10	35	<2	79
JW-35	180	<1	0.01	40	626	16	<2	<5	0.04	<5	45	0.07	31	<2	66
JW-36	96	1	0.01	18	662	13	<2	<5	0.04	<5	32	0.06	33	<2	45
JW-37	84	2	0.01	14	572	10	3	<5	0.04	<5	29	0.07	40	<2	26
JW-38	1058	<1	0.02	612	778	24	4	<5	0.04	<5	30	0.10	117	<2	57
JW-39	109	<1	0.01	26	787	18	<2	<5	0.04	<5	30	0.06	33	<2	42
JW-40	112	<1	0.01	23	453	12	<2	<5	0.03	<5	28	0.05	26	<2	27
JW-41	180	2	0.01	27	617	20	<2	<5	0.03	<5	31	0.05	26	<2	49
JW-42	70	<1	<.01	13	621	14	<2	<5	0.03	<5	25	0.05	18	<2	27
JW-43	631	<1	0.02	24	969	16	5	<5	0.04	<5	29	0.06	26	<2	73
JW-44	247	<1	0.02	27	461	17	<2	<5	0.03	<5	32	0.09	30	<2	54

Certified By:

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

Brunne, Dan
P.O. Box 35
Whitefish Falls, Ontario
P0P 2H0

June 5, 2000

Job #200040267

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %
JW-45	<.3	2.33	31	7	76	0.6	<5	0.13	0.6	12	67	33	2.22	0.06	2	0.40
JW-46	<.3	2.04	59	7	71	0.5	<5	0.10	<.5	13	49	45	2.03	0.08	<1	0.40
JW-47	<.3	1.47	94	<5	70	0.3	<5	0.08	<.5	5	58	45	2.73	0.06	<1	0.26
JW-48	<.3	2.01	40	5	69	0.5	<5	0.12	<.5	8	59	27	2.01	0.05	3	0.29
JW-49	<.3	1.71	23	7	99	0.4	<5	0.10	<.5	10	51	26	1.79	0.04	9	0.26
JW-50	<.3	2.57	15	<5	66	0.6	<5	0.08	<.5	6	51	24	2.78	0.05	9	0.24
JW-51	<.3	1.21	<2	<5	79	0.3	<5	0.20	<.5	6	49	21	1.63	0.09	9	0.45
JW-52	0.5	1.32	<2	<5	80	0.4	<5	0.26	<.5	9	48	40	1.75	0.11	8	0.50
JW-53	<.3	1.81	4	<5	92	0.5	<5	0.30	<.5	9	75	49	2.30	0.16	8	0.66
JW-54	<.3	1.46	<2	5	78	0.5	<5	0.24	<.5	9	71	70	1.73	0.11	9	0.51
JW-55	1.0	1.77	<2	<5	95	0.6	<5	0.25	<.5	11	65	53	1.99	0.15	6	0.65
JW-56	0.6	1.10	<2	<5	50	0.3	<5	0.20	<.5	5	29	30	1.34	0.09	12	0.44
JW-57	0.6	1.34	13	<5	66	0.4	<5	0.20	<.5	8	44	56	1.56	0.11	10	0.49
JW-58	<.3	1.36	<2	<5	60	0.4	<5	0.23	<.5	6	60	16	1.67	0.11	7	0.52
JW-59	<.3	1.21	7	<5	51	0.3	<5	0.21	<.5	5	48	71	1.43	0.09	9	0.42

	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
JW-45	160	2	0.02	37	943	13	<2	<5	0.04	<5	26	0.09	36	<2	73
JW-46	501	<1	0.02	39	1498	22	<2	<5	0.04	<5	24	0.06	33	<2	58
JW-47	299	<1	0.02	27	1432	25	<2	<5	0.04	<5	24	0.07	38	<2	61
JW-48	191	1	0.02	34	1061	14	<2	<5	0.04	<5	24	0.06	34	<2	53
JW-49	246	2	0.01	32	911	17	<2	<5	0.04	<5	23	0.06	31	<2	76
JW-50	315	<1	0.02	23	2003	16	<2	<5	0.04	<5	21	0.07	40	<2	84
JW-51	208	<1	0.02	24	469	19	<2	<5	0.04	<5	36	0.06	31	<2	48
JW-52	317	<1	0.02	26	731	22	<2	<5	0.03	<5	33	0.11	29	<2	65
JW-53	342	1	0.03	32	348	15	2	<5	0.04	<5	39	0.13	39	<2	81
JW-54	379	3	0.02	24	1214	18	<2	<5	0.04	<5	35	0.10	33	<2	65
JW-55	432	<1	0.02	33	727	21	<2	<5	0.03	<5	35	0.10	33	<2	94
JW-56	172	2	0.02	20	512	14	<2	<5	0.03	<5	32	0.09	23	<2	52
JW-57	344	2	0.02	24	340	15	<2	<5	0.03	<5	26	0.06	25	<2	69
JW-58	253	<1	0.02	23	415	16	4	<5	0.03	<5	30	0.10	32	<2	59
JW-59	218	<1	0.02	20	348	16	<2	<5	0.04	<5	33	0.10	24	<2	48

Certified By:

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

Brunne, Dan
P.O. Box 35
Whitefish Falls, Ontario
P0P 2H0

June 5, 2000

Job #200040287

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 %
JW-60	<.3	1.03	<2	<5	49	0.3	<5	0.19	<.5	6	47	13	1.23	0.07	3	0.38
JW-61	<.3	1.57	5	<5	84	0.4	<5	0.23	0.7	10	70	23	1.82	0.11	5	0.57
JW-62	<.3	1.41	75	<5	75	0.4	<5	0.16	<.5	12	65	66	1.92	0.06	5	0.37

	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
JW-60	218	<1	0.02	18	110	13	<2	<5	0.03	<5	31	0.09	21	<2	46
JW-61	391	<1	0.03	27	378	17	<2	<5	0.04	<5	34	0.10	33	<2	57
JW-62	204	<1	0.02	40	736	41	<2	<5	0.04	<5	19	0.06	41	<2	47

Certified By:

ACCURASSAY LABORATORIES
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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
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Certificate of Analysis

Friday, July 07, 2000

Brunne, Dan
P.O. Box 35
Whitefish Falls, ON, CA
P0P2H0
Phn: (705) 285-1422
Fax: (705) 285-0216

Date Received : 19-Jun-00
Date Completed : 07-Jul-00
Job # 200040404
Reference : Soil
Sample #: 4 Soil

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
14928	JW20-88	< 5	<0.001	< 0.005
14929	JW20-89	< 5	<0.001	< 0.005
14930	JW20-90	< 5	<0.001	< 0.005
14931	JW20-91	< 5	<0.001	< 0.005
14932 Check	JW20-91	< 5	<0.001	< 0.005

PROCEDURE CODES: AI-4A03

Certified By:

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

Brunne, Dan
P.O. Box 35
Whitefish Falls, Ontario
P0P 2H0

July 5, 2000

Job #200040404

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 %
JW20-88	<.3	2.66	15	<5	67	0.6	<5	0.13	<.5	9	40	25	2.43	0.06	5	0.72
JW20-89	<.3	1.89	12	<5	83	0.5	<5	0.14	<.5	7	32	15	2.08	0.05	4	0.24
JW20-90	<.3	1.81	20	<5	78	0.5	<5	0.14	<.5	8	34	30	2.16	0.06	7	0.27
JW20-91	<.3	1.41	20	<5	69	0.4	<5	0.11	<.5	6	31	41	2.42	0.05	6	0.23

	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
JW20-88	171	2	0.02	31	691	11	<2	<5	0.03	<5	13	0.08	48	<2	46
JW20-89	162	1	0.01	26	622	18	<2	<5	0.03	<5	14	0.08	38	<2	67
JW20-90	280	<1	0.01	30	559	16	<2	<5	0.04	<5	12	0.06	39	<2	61
JW20-91	341	2	0.01	26	569	23	<2	<5	0.03	<5	10	0.07	45	<2	47

Certified By:

Hanwood Lake Project
May 2000
Sample Descriptions

Gold
[Grab and Channel Samples]

JW20 - 18 thru 20 JW20 - 61 thru JW20 - 94

Hanwood Lake Project
May 2000
Samples Descriptions

JW20 - 18 Grab- Qtz. vein , 10 - 12 inches wide, with 5% diss. py. + asp. [old pit]

JW20 - 19 Grab- s.a.a.- carb. altered albitite dyke, 5% diss. py + asp. [handing wall].

JW20 - 20 Grab- s.a.a. - [foot wall].

JW20 - 61 Grab- Qtz vein , dump rock, from old pit at eastern extent of claim group, mass. Asp. + py in albitized qtzite.

JW20 - 62 Channel [50cm.] Carbonitized qtzite with 6 inch wide blue qtz vein, 10% [asp 50 + py 50].

JW20 - 63 " " [61.7cm.] Carb. / qtzite, 4% diss. py. tr. cpy.

JW20 - 64 " " [50cm.] Carb. qtzite, tr. py.

JW20 - 65 " " " Carb. qtzite, pinkish discoloration, 1% diss po.,py,.tr.cpy.

JW20 - 66 " " " Carb. qtzite, pink discoloration,1% diss. py.

JW20 - 67 " " " S.A.A. [same as above].

JW20 - 68 " " " Graywacke with 4 inch wide blue qtz. vein - 30% [asp 50 + py 50].

JW20 - 69 " " " Graywacke, 3% diss. py.

JW20 - 70 " " " Graywacke, qtz, 3% diss. py.

JW20 - 71 " " " Qtzite, light sandy colour, 1% diss py.

JW20 - 72 " " " Qtzite, blue / gray 5% asp.

JW20 - 73 " " " Blue qtz vein, 15% py minor asp.

JW20 - 74 " " " Qtzite, S.A.A. tr. py.

JW20 - 75 " " " Qtzite, S.A.A. tr. py.

JW20 - 76 " " " Qtzite, S.A.A. tr. py.

JW20 - 77 " " " Qtzite, S.A.A. tr.py.

JW20 - 78 " " " Shear zone, felsite? or altered diorite, 3 - 5% diss.py, tr cpy.

JW20 - 79 " " " S.a.a. Minor qtz veining, brecciation.

JW20 - 80 Channel sample 50cm. S.a.a. 1% diss. py.

JW20 - 81 " " " S.a.a. 8% diss. py.

JW20 - 82 " " " S.a.a. Qtzite, carb. alter. no sulphide.

JW20 - 83 " " " S.a.a. Qtzite, carb. alter. tr py.

JW20 - 84 " " " S.a.a. Qtzite, carb. alter. ! % diss. py.

JW20 - 85 " " " S.a.a. Blue qtz. vein 10% diss. py.

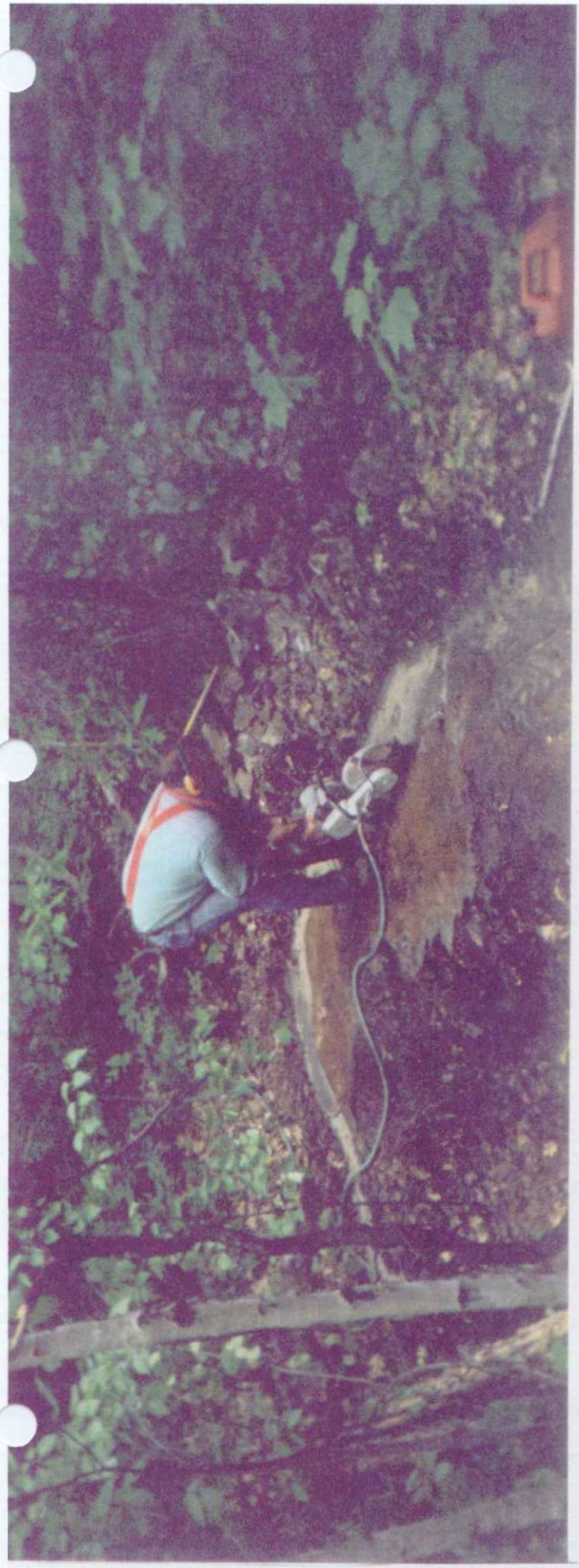
JW20 - 86 " " " S.a.a. Qtzite, carb. alter. tr py.

JW20 - 87 " " " S.a.a. Qtzite, carb. alter. tr. py.

JW20 - 92 Grab - Blue qtz. vein, 10% py. old trench 15 metres east of channels.

JW20 - 93 Grab - Blue qtz. vein, massive py. 20 metres east of channels.

JW20 - 94 Grab - White qtz. vein, 5% diss py, dump material S.a.a.



Hanwood Lake Gold Project, June 2000, Channel sampling of the !+75E trench exposing silicified shear zone

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

Certificate of Analysis

Friday, June 23, 2000

Brunne, Dan
P O. Box 35
Whitefish Falls, ON, CA
P0P2H0
Ph#: (705) 285-4422
Fax#: (705) 285-0216

Date Received : 19-Jun-00
Date Completed : 23-Jun-00
Job # 200040403
Reference : Rock
Sample #: 33 Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
14895	JW20-18	11	<0.001	0.011
14896	JW20-19	30	<0.001	0.030
14897	JW20-20	69	0.002	0.069
14898	JW20-61	1889	0.055	1.889
14899	JW20-62	2943	0.086	2.943
14900	JW20-63	1755	0.051	1.755
14901	JW20-64	33	<0.001	0.033
14902	JW20-65	22	<0.001	0.022
14903	JW20-66	< 5	<0.001	< 0.005
14904	JW20-67	28	<0.001	0.028
14905 Check	JW20-67	21	<0.001	0.021
14906	JW20-68	1362	0.040	1.362
14907	JW20-69	115	0.003	0.115
14908	JW20-70	34	<0.001	0.034
14909	JW20-71	< 5	<0.001	< 0.005
14910	JW20-72	33	<0.001	0.033
14911	JW20-73	21	<0.001	0.021
14912	JW20-74	1392	0.041	1.392
14913	JW20-75	< 5	<0.001	< 0.005
14914	JW20-76	< 5	<0.001	< 0.005
14915 Check	JW20-76	< 5	<0.001	< 0.005
14916	JW20-77	17	<0.001	0.017
14917	JW20-78	< 5	<0.001	< 0.005
14918	JW20-79	9	<0.001	0.009

PROCEDURE CODES: [illegible]

Certified By:

ACCURASSAY LABORATORIES
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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
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Certificate of Analysis

Friday, June 23, 2000

Brunne, Dan
P.O. Box 35
Whitefish Falls, ON, CA
P0P2H0
Ph#: (705) 285-4422
Fax#: (705) 285-0216

Date Received : 19-Jun-00
Date Completed : 23-Jun-00
Job # 200040403
Reference : Rock
Sample #: 33 Rock

Accurassay #		Client Id	Au ppb	Au oz/t	Au g/t (ppm)
14919		JW20-80	18	<0.001	0.018
14920		JW20-81	1637	0.048	1.637
14921		JW20-82	18	<0.001	0.018
14922		JW20-83	16	<0.001	0.016
14923		JW20-84	26	<0.001	0.026
14924		JW20-85	3968	0.116	3.968
14925	Check	JW20-85	4343	0.127	4.343
14926		JW20-86	7	<0.001	0.007
14927		JW20-87	6	<0.001	0.006
15508		JW20-92	4078	0.119	4.078
15509		JW20-93	26713	0.779	26.713
15510		JW20-94	165	0.005	0.165

PROCEDURE CODES: AA-AA3

Certified By:

ACCURASSAY LABORATORIES
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1070 LITHIUM DRIVE, UNIT 2
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PHONE (807) 623-6448
FAX (807) 623-6820

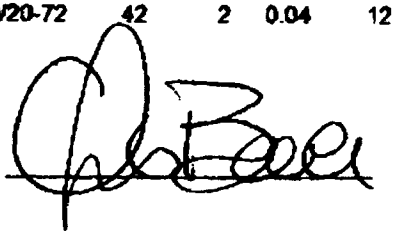
Brunne, Dan
P O. Box 35
Whitefish Falls, Ontario
P0P 2H0

July 3, 2000

Job #200040403

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 %
JW20-18	<.3	0.03	744	16	21	0.1	8	0.36	<.5	12	313	175	1.97	<.01	<1	0.16
JW20-19	<.3	0.33	3924	18	56	0.3	<5	1.00	<.5	67	306	66	1.89	0.14	10	0.51
JW20-20	<.3	0.45	9318	20	83	0.3	<5	0.46	<.5	239	125	19	1.35	0.26	15	0.24
JW20-61	<.3	0.06	39148	12	30	0.1	5	0.86	0.6	323	332	205	4.14	0.03	<1	0.33
JW20-62	<.3	0.21	6279	15	50	0.2	<5	0.14	<.5	69	230	36	1.73	0.11	<1	0.07
JW20-63	0.3	0.26	1264	15	64	0.2	<5	0.13	<.5	11	293	79	2.23	0.16	<1	0.06
JW20-64	<.3	0.21	506	12	47	0.2	<5	0.14	<.5	5	395	31	4.06	0.10	2	0.08
JW20-65	<.3	0.19	268	16	46	0.1	<5	0.10	<.5	4	271	23	0.94	0.10	<1	0.05
JW20-66	<.3	0.18	81	16	45	0.1	<5	0.15	<.5	4	195	40	0.69	0.09	<1	0.06
JW20-67	<.3	0.21	820	13	56	0.2	<5	0.14	<.5	18	304	40	1.02	0.12	<1	0.06
JW20-68	0.6	0.19	7079	5	60	0.2	<5	0.01	<.5	48	357	40	5.30	0.15	1	0.02
JW20-69	0.6	0.26	1529	13	75	0.2	<5	0.06	<.5	11	377	39	1 59	0.19	<1	0.03
JW20-70	<.3	0.22	706	12	67	0.2	<5	0.16	<.5	14	343	50	1.46	0.16	<1	0.07
JW20-71	<.3	0.21	108	13	47	0.2	<5	0.12	<.5	4	489	16	0.94	0.09	<1	0.07
JW20-72	<.3	0.16	576	9	57	0.1	<5	0.03	<.5	8	323	44	1.56	0.11	3	0.02

	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
JW20-18	113	5	0.03	128	625	15	3	<5	0.02	<5	9	<.01	<1	<2	7
JW20-19	443	4	0.07	98	1027	9	7	<5	0.04	<5	18	<.01	10	<2	51
JW20-20	147	6	0.03	77	967	3	2	<5	0.05	<5	7	<.01	9	<2	3
JW20-61	207	3	0.03	53	983	11	17	<5	0.03	<5	6	<.01	7	<2	37
JW20-62	81	3	0.03	16	143	<2	<2	<5	0.04	<5	3	<.01	2	<2	5
JW20-63	126	2	0.03	14	504	3	<2	<5	0.03	<5	4	<.01	5	<2	3
JW20-64	93	<1	0.04	17	465	<2	3	<5	0.03	<5	5	<.01	6	<2	<1
JW20-65	93	<1	0.04	14	403	<2	<2	<5	0.03	<5	3	<.01	5	<2	3
JW20-66	89	1	0.05	13	224	2	<2	<5	0.03	<5	5	<.01	2	<2	3
JW20-67	86	1	0.04	16	807	3	<2	<5	0.03	<5	5	<.01	6	<2	<1
JW20-68	56	2	0.02	19	767	6	<2	<5	0.03	<5	1	<.01	3	<2	<1
JW20-69	48	<1	0.02	15	452	4	<2	<5	0.03	<5	2	<.01	3	<2	<1
JW20-70	75	3	0.02	15	1003	<2	<2	<5	0.03	<5	5	<.01	4	<2	<1
JW20-71	87	2	0.06	18	347	2	<2	<5	0.03	<5	5	<.01	7	<2	109
JW20-72	42	2	0.04	12	295	<2	<2	<5	0.03	<5	2	<.01	5	<2	4

Certified By: 

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

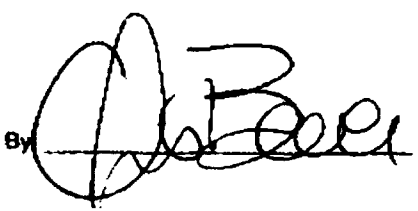
Brunne, Dan
P O. Box 35
Whitefish Falls, Ontario
P0P 2H0

July 3, 2000

Job #200040403

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 %
JW20-73	<.3	0.22	429	11	52	0.2	<5	0.11	<.5	8	433	25	1.06	0.11	<1	0.08
JW20-74	<.3	0.15	7018	9	42	0.1	<5	0.06	<.5	41	382	37	2.12	0.07	<1	0.04
JW20-75	<.3	0.20	254	9	44	0.2	<5	0.07	<.5	<2	355	29	0.99	0.08	<1	0.04
JW20-76	<.3	0.19	134	8	36	0.1	<5	0.03	<.5	6	284	33	1.17	0.06	<1	0.06
JW20-77	<.3	0.25	224	8	56	0.2	<5	0.03	<.5	3	402	41	1.35	0.13	<1	0.04
JW20-78	0.4	0.41	35	8	110	0.4	<5	1.04	<.5	5	233	197	2.91	0.21	6	0.42
JW20-79	0.4	0.58	27	9	133	0.4	<5	0.92	<.5	5	279	75	2.28	0.25	9	0.46
JW20-80	0.4	0.41	25	10	82	0.4	<5	1.38	0.6	9	233	46	1.86	0.19	18	0.62
JW20-81	0.4	0.83	100	7	112	0.4	<5	0.47	<.5	5	245	76	3.10	0.25	19	0.30
JW20-82	0.9	0.41	57	7	84	0.4	<5	0.60	<.5	4	282	75	2.05	0.20	15	0.26
JW20-83	0.5	0.52	81	7	92	0.4	<5	0.19	<.5	4	150	78	2.64	0.19	16	0.10
JW20-84	0.5	0.48	607	8	61	0.2	<5	0.03	<.5	16	212	51	1.84	0.14	<1	0.08
JW20-85	<.3	0.55	913	<5	77	0.3	<5	0.04	0.5	11	355	194	3.98	0.18	10	0.08
JW20-86	0.4	0.59	189	8	63	0.3	<5	0.50	<.5	5	285	66	1.91	0.13	13	0.22
JW20-87	<.3	0.72	63	5	70	0.3	<5	0.28	<.5	6	209	24	1.97	0.15	6	0.44

	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
JW20-73	76	2	0.06	15	459	3	<2	<5	0.03	<5	5	<.01	8	<2	5
JW20-74	71	2	0.04	13	669	4	<2	<5	0.03	<5	4	<.01	5	<2	4
JW20-75	79	3	0.06	12	143	6	<2	<5	0.03	<5	4	<.01	5	<2	5
JW20-76	51	2	0.04	10	514	<2	<2	<5	0.02	<5	2	<.01	5	<2	2
JW20-77	48	<1	0.04	12	424	<2	<2	<5	0.03	<5	3	<.01	6	<2	3
JW20-78	501	1	0.03	35	931	9	<2	<5	0.05	<5	30	<.01	5	<2	4
JW20-79	423	1	0.04	43	625	9	<2	<5	0.04	<5	36	<.01	10	<2	6
JW20-80	474	2	0.04	51	905	4	4	<5	0.04	<5	43	<.01	6	<2	2
JW20-81	355	2	0.02	33	652	<2	<2	<5	0.05	<5	14	<.01	8	<2	2
JW20-82	319	3	0.02	39	740	3	<2	<5	0.04	<5	18	<.01	7	<2	3
JW20-83	157	1	0.01	24	166	6	<2	<5	0.03	<5	5	<.01	4	<2	4
JW20-84	54	3	0.03	12	443	3	<2	<5	0.02	<5	3	<.01	5	<2	2
JW20-85	107	2	0.02	13	843	7	<2	<5	0.03	<5	4	<.01	8	<2	<1
JW20-86	144	<1	0.06	23	585	<2	<2	<5	0.05	<5	7	<.01	7	<2	3
JW20-87	123	<1	0.05	24	354	6	<2	<5	0.03	<5	6	<.01	14	<2	7

Certified By: 

ACCURASSAY LABORATORIES
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1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

Brunne, Dan
P.O. Box 35
Whitefish Falls, Ontario
P0P 2H0

July 3, 2000

Job #200040403

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 %
JW20-92	0.6	0.08	217	<5	25	0.1	<5	0.11	<.5	<2	315	388	4.33	0.03	5	0.02
JW20-93	1.1	0.24	40	<5	71	0.3	<5	1.18	<.5	7	326	185	3.15	0.17	5	0.54
JW20-94	<.3	0.23	1707	<5	57	0.2	<5	0.05	<.5	18	258	80	1.48	0.12	<1	0.04

	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
JW20-92	69	<1	0.02	9	<100	7	<2	<5	0.03	<5	2	<.01	7	<2	3
JW20-93	710	1	0.03	34	346	7	5	<5	0.04	<5	51	<.01	8	<2	6
JW20-94	46	2	0.03	13	648	3	<2	<5	0.03	<5	4	<.01	4	<2	1

Certified By:

Hanwood Lake Project J.W. White Property

Daily Work Report
2000

An exploration program initiated by the property holder, J.W. White, was conducted on the Hanwood Lake Group of unpatented mining claims in Roosevelt township of the Sudbury Mining District by Lordan Exploration Services. The work program targeted two objectives. [a] PGE potential evaluation of the gabbroic rock correlated as Nipissing Diabase in the northern half of the claim group. [b] Identify the possible extension of the known high grade gold occurrence located between Hanwood Lake and Leech Lake referred to as " the sulphide dyke".

Prospectors Dan Brunne and Harold Haapala completed the work program and the following is a report of daily activities.

May 2 / 00 Mobilize equipment 15 miles by water to Plunge Lake, [boat, 50HP motor, small 2 Hp motor and 12ft. aluminum boat for Leech Lake, prospecting tools etc.].

May 3 / 00 Portage small motor and 12 ft. aluminum boat to Leech Lake and cut a trail to the " sulphide dyke" on Hanwood Lake.

May 6 / 00 Prospect gabbro along the north and western portion of Leech Lake, 7 samples collected for assay.

May 7 / 00 Prospect the lakeshore and southern portion of claims #_854862, 854863 for purpose of locating projected displacement faulting of gabbro outcrop from the Murray Lake area. Two green carbonate alteration zones were located and four samples taken.

May 8 / 00 Prospect claim # 721042, located a moderately extensive shear zone within the central portion of the gabbro containing green carbonate alteration and silicification with minor sulphides chalcopyrite and pyrite, " quarts carbonate zone". In one location minor cobalt bloom was very evident, two samples were collected for assay.

May 9 /00 Prospect, " quartz-carb" zone in more detail, three old trenches were found, no record of the workings are known at present, manual stripping by the author and helper in two locations several hundred metres apart, revealed a structure representing a probable north-west trending fault transecting the gabbro. Four samples were taken for assay.

May 11/00 Prospect " quartz-carb." zone and area at the east end of Leech Lake. Three samples taken. Completed three lines of "B" horizon soil sampling over the land between Leech Lake and Hanwood Lake {32 samples].

May 17/00 Prospect along the north shore of eastern Hanwood Lake. Found three very old pits in sheared rusty coloured quartzite containing varying amounts of arsenopyrite an pyrite.

Four samples were taken for assay.

May 18/00 Prepared channel sampling area by manual stripping, washing around several old blasted pits on the " sulphide dyke" zone just north of the western end of Hanwood Lake. No previous channel samples have been taken. An access trail was cut out from Leech Lake to the showing to facilitate portaging of equipment and carrying samples.

May 21/00 Channel sampling: 6- 50cm. samples, # JW62 thru #JW67.

May 22/00 Channel sampling: 5- 50cm. samples, # JW68 thru #JW72.

May 23/00 Channel sampling: 50 metres east of above samples, 10 channel samples, # JW73 thru #JW 82, 2 grab samples and 4 soil samples.

May 25/00 Channel sampling: same area as above, 6-channel samples #JW83 thru #JW88.

May 26/00 De-mobilize equipment.

May 28/00 De-mob., prep. samples for shipping to Accurassay Laboratories, Thunder Bay,Ont.

Aug. 10 - 13/00 Report writing and map preparation. [Dan Brunne].

Total number of work days:	**Harold Haapala**	**Dan Brunne**
	15	**18**

Accurassay Laboratories

1070 Lithium Dr.
Thunder Bay, ON P7B 6G3

INVOICE

Invoice No.: 40042
Date: 31-Jul-2000
Page: 1

Sold To:

Brunne, Mr. Dan
P.O. Box 35
WHITEFISH FALLS, ON
P0P 2H0

Ship To:

Brunne, Mr. Dan
P.O. Box 35
WHITEFISH FALLS, ON
P0P 2H0

Business No.: 100294788

			Job #200040287				
SPS1.75	32	Each	Sample Prep (Soils/Humus)	3	0.00	1.75	56.00
APP11.25	32	Each	Au Pt Pd ppb FA/AA	3	0.00	11.25	360.00
ICP3210	32	Each	Icap 32	3	0.00	9.00	288.00
RC5.00	1	Each	Report Charge	3	0.00	5.00	5.00
			Subtotal:				709.00
			3 - GST @ 7.0%				49.63
			Terms: Net 30 Due 30-Aug-2000				

Comments

Terms net 30 days, 2.5% per month on overdue accounts.

	0.00
	0.00
	758.63

Accurassay Laboratories

1070 Lithium Dr.
Thunder Bay, ON P7B 6G3

INVOICE

Invoice No.: 40040
Date: 31-Jul-2000
Page: 1

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Ship To:

Brunne, Mr. Dan
P.O. Box 35
WHITEFISH FALLS, ON
P0P 2H0

Business No.: 100294768

			Job #200040404				
SPS1.75	4	Each	Sample Prep (Soils/Humus)	3	0.00	1.75	7.00
Au10	4	Each	Gold ppb FA/AA	3	0.00	8.69	34.76
RC5.00	1	Each	Report Charge	3	0.00	5.00	5.00
ICP3210	4	Each	Icap 32	3	0.00	9.00	36.00
			Subtotal:				82.76
			3 - GST @ 7.0%				5.79
			Terms: Net 30 Due 30-Aug-2000				
							0.00
							0.00
							88.55

Comments

Terms net 30 days. 2.5% per month on overdue accounts.

Accurassay Laboratories

1070 Lithium Dr.
Thunder Bay, ON P7B 6G3

INVOICE

Invoice No.: 40041
Date: 31-Jul-2000
Page: 1

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WHITEFISH FALLS, ON
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Ship To:

Brunne, Mr. Dan
P.O. Box 35
WHITEFISH FALLS, ON
P0P 2H0

Business No.: 100294766

			Job #200040286				
SP3.25	26	Each	Sample Prep	3	0.00	3.25	84.50
APP11.25	26	Each	Au Pt Pd ppb FA/AA	3	0.00	11.25	292.50
ICP3210	26	Each	Icap 32	3	0.00	9.00	234.00
RC5.00	1	Each	Report Charge	3	0.00	5.00	5.00
			Subtotal:				616.00
			3 - GST @ 7.0%				43.12
			Terms: Net 30 Due 30-Aug-2000				
							0.00
							0.00
							659.12

Comments

Terms net 30 days, 2.5% per month on overdue accounts.

Accurassay Laboratories

1070 Lithium Dr.
Thunder Bay, ON P7B 6G3

INVOICE

Invoice No.: 40092
Date: 31-Jul-2000
Page: 1

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P.O. Box 35
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Business No.: 100294768

			Job #200040403				
SP3.25	33	Each	Sample Prep	3	0.00	3.25	107.25
APP11.25	33	Each	Au Pt Pd ppb FA/AA	3	0.00	11.25	371.25
ICP3210	33	Each	Icap 32	3	0.00	9.00	297.00
RC5.00	1	Each	Report Charge	3	0.00	5.00	5.00
			Subtotal:				780.50
			3 - GST @ 7.0%				54.64
			Terms: Net 30 Due 30-Aug-2000				

Comments

Terms net 30 days, 2.5% per month on overdue accounts.

	0.00
	0.00
	835.14

HANWOOD LAKE GOLD PROJECT 2000
EXPENDITURES

DATE		ITEM	TOTAL	GAS	SUPPLIES	SHIPPING	LABOUR	MISC	Rental
MAY	2	SHELL	5950	5950					
	9	NOCO	4700	4700					
	14	SHELL	1950	1950					
	15	LANG LAKE RESORT	23677					23677	
	23	SHELL	6600	6600					
	23	MINISTRY OF MINES	1380		1380				
	23	GRAYHOUND	3062			3062			
	24	TIM'S + Co	1413		1413				
	28	SHELL	1500	1500					
	29	SHELL	9166	9166					
	29	IMPERIAL OIL	2000	2000					
	24	TRAIL SIDE SPORTS	48875		48875				
		@	110273	31866	51668	3062		23677	
JUNE	10	NOCO	2287	2287					
	12	NOCO	5000	5000					
	12	GRAYHOUND	2463			2463			
	12	GRAYHOUND	1950			1950			
	15	WINKEL'S (PHOTOS)	1296		1296				
	15	EXPLORATION SERVICES	4945		4945				
	15	Harry Haapala (wages 15 days @ $150.00/day	225000				225000		
	15	Dan Brunne (wages 18 days @ $175.00	315000				315000		
		Boat + Motor 50 HP 15 days x 42.00 per day	63000						63000
		Outboard 2 HP. 14' boat 15 days x $20.00 per day	30000						30000
		510 Stihl rocksaw 7 days x $36.00/day	73600						73600
		Supply pump 7 days x $18.00/day	12600						12600
		Misc supplies flagging ribbon bags etc	13000		13000				
		Excurassay Lab.	234145				(assays)	234145	
		@	984286	7287	19241	4413	540000	234145	179200
		Recap							179200
		@	1094559	39153	70909	7475	540000	257822	179200

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)
W0070.00163
Assessment Files Research Imaging
2.20592

P in sl

41I04NE2003 2.20519 ROOSEVELT 900

tions 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this work and correspond with the mining land holder. Questions about this collection and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

RECEIVED
AUG 16 2000
A.M. 11:30 P.M.

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

2.20511

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

Name JAMES W WHITE	Client Number 208286
Address P.O. BOX 71 WHITEFISH FALLS, ON. P0P2H0	Telephone Number 705-285-4254
	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

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

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

		Office Use
Work Type: RECON. PROSPECTING, SOIL SAMPLE SURVEY, CHANNEL SAMPLING. ✓		Commodity
		Total $ Value of Work Claimed 10,945
Dates Work Performed From: Day 02 Month 05 Year 2000 To: Day 13 Month 08 Year 2000		NTS Reference
Global Positioning System Data (if available)	Township/Area ROOSEVELT TWP	Mining Division Sudbury
	M or G-Plan Number G-3186	Resident Geologist District Sudbury

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

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

Name LORDAN EXPLORATION SERVICE (DAN BRUNNE)	Telephone Number 705-285-4422
Address P.O. BOX 35, WHITEFISH FALLS ON. P0P2H0	Fax Number 705-285-0216
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED SEP 11 2000 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, DAN A. BRUNNE (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: DA Brunne		Date SEPT 9/00
Agent's Address: P.O. BOX 35, WHITEFISH FALLS ON P0P2H0	Telephone Number 705-285-4422	Fax Number 705-285-0216

0241 (03/97)

2437

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)
W0070.00163

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.

2.20519

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
PROSPECTING, SOIL SURVEY, CHANNEL SAMPLING, ASSAYS. (SEE EXPENDITURES ATTACHED) IN REPORT.			
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	10,945.59

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.

RECEIVED
SEP 11 2000
GEOSCIENCE ASSESSMENT OFFICE

Certification verifying costs:

I, JAMES W. WHITE (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 _____ (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: James White Date: SEPT 9/00

0212 (03/97)

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

October 24, 2000

JAMES WILLIAM WHITE
P.O. BOX 71
1012 BAY VILLA ROAD
WHITEFISH FALLS, Ontario
P0P-2H0

Dear Sir or Madam:

Submission Number: 2.20519

Subject: Transaction Number(s):		**Status**
	W0070.00163	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,

Steven B. Beneteau

ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 15369
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.20519

Date Correspondence Sent: October 24, 2000 **Assessor:** LUCILLE JEROME

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0070.00163	398278	ROOSEVELT	Approval	October 24, 2000

Section:
17 Assays ASSAY
9 Prospecting PROSP

It is in your best interest to report work where it was performed. In this instance, assessment work credit has been redistributed, as outlined on the attached Distribution of Assessment Work Credit sheet, to better reflect the location of the work.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

Correspondence to:

Resident Geologist
Sudbury, ON

Assessment Files Library
Sudbury, ON

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

Dan Brunne
WHITEFISH FALLS, ONTARIO, CANADA

JAMES WILLIAM WHITE
WHITEFISH FALLS, Ontario

Correspondence ID: 15369

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: October 24, 2000

Submission Number: 2.20519

Transaction Number: W0070.00163

Claim Number	Value Of Work Performed
398278	4,645.00
398279	3,500.00
721041	400.00
721042	400.00
791264	400.00
791266	400.00
854861	400.00
854862	400.00
854863	400.00
Total: $	10,945.00

Correspondence ID: 15369

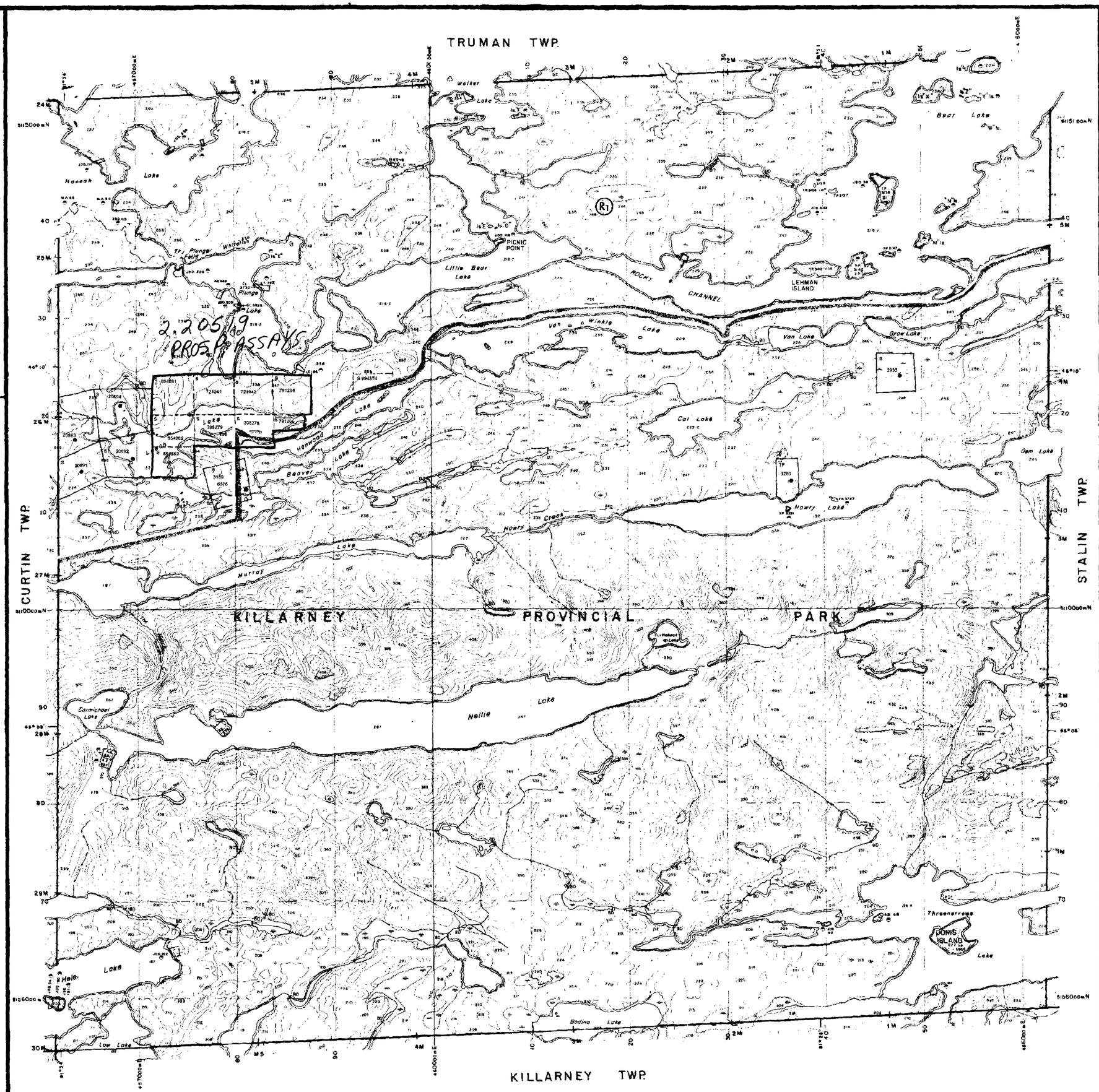
MAP SYMBOLOGY

Aerial Cableway
Boundary
Railroad
Road
Bridge
Building
Chimney
Cliff, Pit, Pile
Contours
Control Points
Culvert
Falls
Fence, Hedge, Wall
Feature Outline
Flooded Land
Lock
Marsh or Swamp
Mine
Mine Head Frame
Outcrop
Pipeline
Railroad
Rapids
Reservoir
River, Stream, Canal
Rock
Shoal
Spot Elevation
Tower
Transmission Line
Tunnel
Utility Poles
Wharf, Dock, Pier
Wooded Area

AREAS WITHDRAWN FROM DISPOSTION

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

Description	Order No.	Date	Disposition	File
(R1)	SEC35 W.L.L. P187/99 ONT MAY 13/99 M&S			



LEGEND

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

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◒
" , MINING RIGHTS ONLY	◓
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	▣
" , MINING RIGHTS ONLY	□
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	(L)
CANCELLED	⊗
SAND & GRAVEL	(G)

LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS

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 1:20 000

GRID ZONE : 17

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.

TOWNSHIP

ROOSEVELT

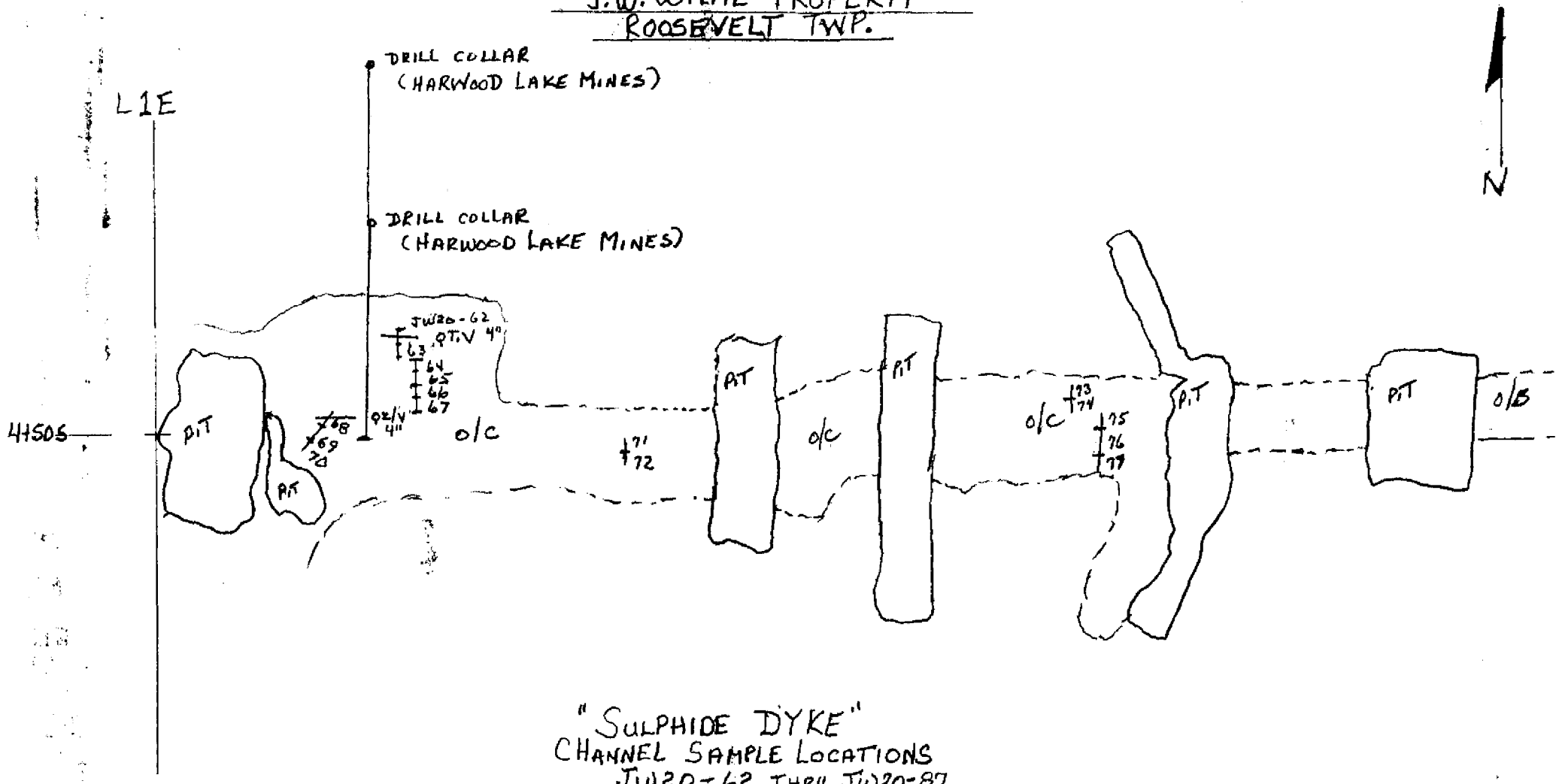
M.N.R. ADMINISTRATIVE DISTRICT
ESPANOLA / SUDBURY
MINING DIVISION
SUDBURY
LAND TITLES / REGISTRY DIVISION
SUDBURY

Ministry of Natural Resources — Land Management Branch
Ontario

Original Compilation:	JUNE, 1985	Number
Revised:		G-3183

200
41204NE2003 2.20519 ROOSEVELT

J.W. WHITE PROPERTY
ROOSEVELT TWP.



"SULPHIDE DYKE"
CHANNEL SAMPLE LOCATIONS
JW20-62 THRU JW20-87

NOTE: THERE ARE AT LEAST 12 OLD PITS (L1E) FROM THE PROPOSED SHAFT LOCATION TO L2+20E. 4+50S.

SCALE 1:250 METRES

MAY 2000

PAGE 1

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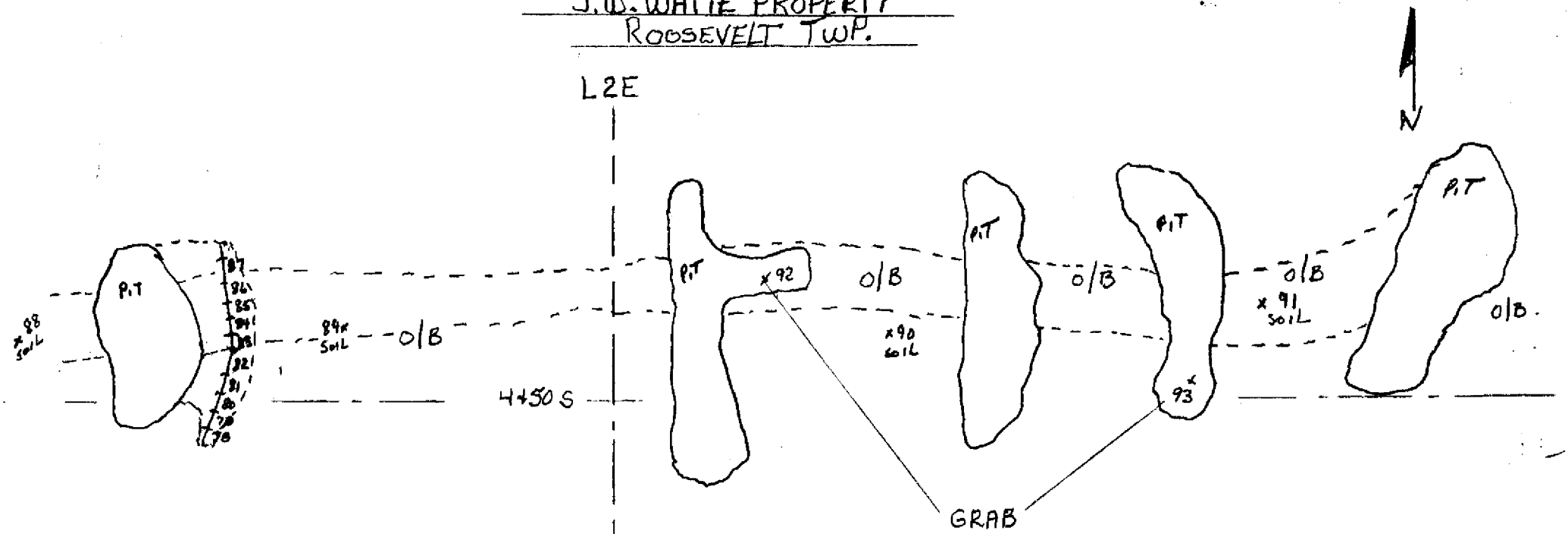
J.W. WHITE PROPERTY
ROOSEVELT TWP.



"SULPHIDE DYKE" (CONT.)
CHANNEL SAMPLE LOCATIONS
JW20-62 THRU 87

SCALE 1:250 METRES

MAY 2000

PAGE 2

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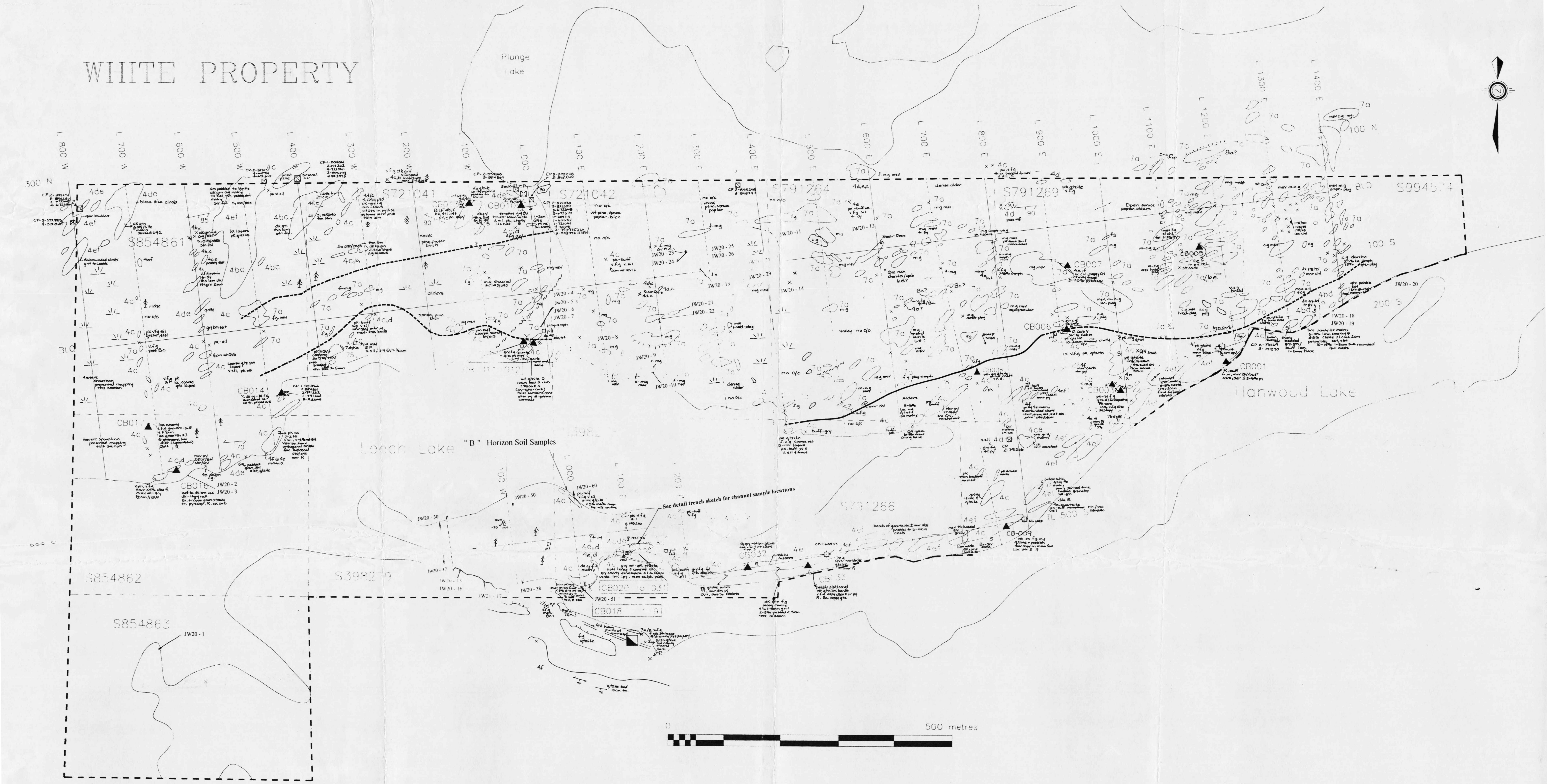
2.20519



Geology Legend

Late PreCambrian Intrusive Rocks

8a Unsubdivided
8b Porphyritic Diabase
8c Diabase

Mafic to Ultramafic Intrusive Rocks

7a Unsubdivided
7b Gabbro
7c Pyroxenite
7d Peridotite

Felsic Intrusive Rocks

6a Unsubdivided
6b Granite
6c Quartz Monzonite
6d Granodiorite
6e Diorite
6f Pegmatite

Porphyritic Felsic Intrusive Rocks

5a Unsubdivided
5b Quartz Porphyry
5c Quartz–Feldspar Porphyry
5d Feldspar Porphyry

Clastic Sedimentary Rocks

4a Unsubdivided
4b Argillite, siltstone
4c Siltstone
4d Greywacke, arkose,
4e Gritty wacke, pebbly wacke
4f Conglomerate
4g Reworked tuff
4h Quartz–plagioclase–hornblende schist

Chemical Sedimentary Rocks

3a Unsubdivided
3b Chert
3c Oxide facies Iron Formation
3d Silicate facies Iron Formation
3e Carbonate facies Iron Formation
3f Sulfide facies Iron Formation (pyrite, pyrrhotite)
3g Graphite

Felsic Volcanic Rocks

2a Unsubdivided
2b Ash Flows
2c Tuff, fine ash
2d Crystal Tuff, 0.12 to 4 mm
2e Lapilli Tuff, 4 to 64 mm
2f Tuff Breccia, 64 to 250 mm
2g Agglomerate, >250 mm
2h Cherty Tuff
2i Quartz Sericite Schist
2j Tuff Wacke

Mafic Volcanic Rocks

1a Unsubdivided
1b Massive Flows, fine to medium grained
1c Gabbroic Flows, medium to coarse grained
1d Pillowed Flows
1e Tuff, schist

Abbreviations

act	actinolite	ser	sericite
amph	amphibole	sil	silicified
and	andalusite	sill	sillimanite
ank	ankerite	staur	staurolite
bio	biotite	S	sulfide
calc	calcite	tour	tourmaline
carb	carbonate		
cpy	chalcopyrite		
chl	chlorite	alt'n	alteration
epid	epidote	frac	fractured
feld	feldspar	tkb	thick bedded
fuch	fuchsite	tnb	thin banded
gph	graphite	mod	moderate
IF	iron formation	mnr	minor
mag	magnetite	o/c	outcrop
musc	muscovite	xtal	crystal
plag	plagioclase	[illegible]	rusty, gossan
py	pyrite	[illegible]	very
po	pyrrhotite	[illegible]	trace
qtz	quartz	[illegible]	pink

Symbols

claim post, line located

bedding, strike and dip

foliation, strike and dip

swamp

geological contact

sample

Note: All geological contacts are assumed. Geological contacts are interpreted from outcrop data, updip projection of diamond drill core and induced polarization resistivity data.

SHAWONIS EXPLORATION ENT. LTD.

Hanwood Lake Project
May 2000

WHITE PROPERTY

GEOLOGY MAP

NTS 41 /04	Scale 1:2500
Geology by: C.I.B., D.J.R.	Date: December, 1993

41I06NE2003 2.20519 ROOSEVELT 230