Geological Report and Diamond Drill Report

on the

Latimer Lake Project

for

Klondike Gold Corp.

Price Township and Fripp Township

Porcupine Mining Division, Ontario

N.T.S 42 A/ SW

March 25, 1998

Todd Keast, F.G.A.C.
Dave Healey

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BACK POCKET

INTRODUCTION

During the summer of 1997, Klodike Gold Corp. completed a mapping and prospecting program on the Latimer Lake Project. In the fall of 1997, Klondike Gold Corp. completed an 857 metre, 4-hole diamond drill program on the property. The purpose of the exploration programs was to evaluate the volcanogenic massive sulphide (VMS), potential of the property. Anomalous copper (Cu) and (Zn) mineralization was encountered in sulphide and oxide facies iron formation, which strikes across the property. Further work on the Latimer Lake Project could include further diamond drilling along the iron formation in order to test the favorable horizon at depth.

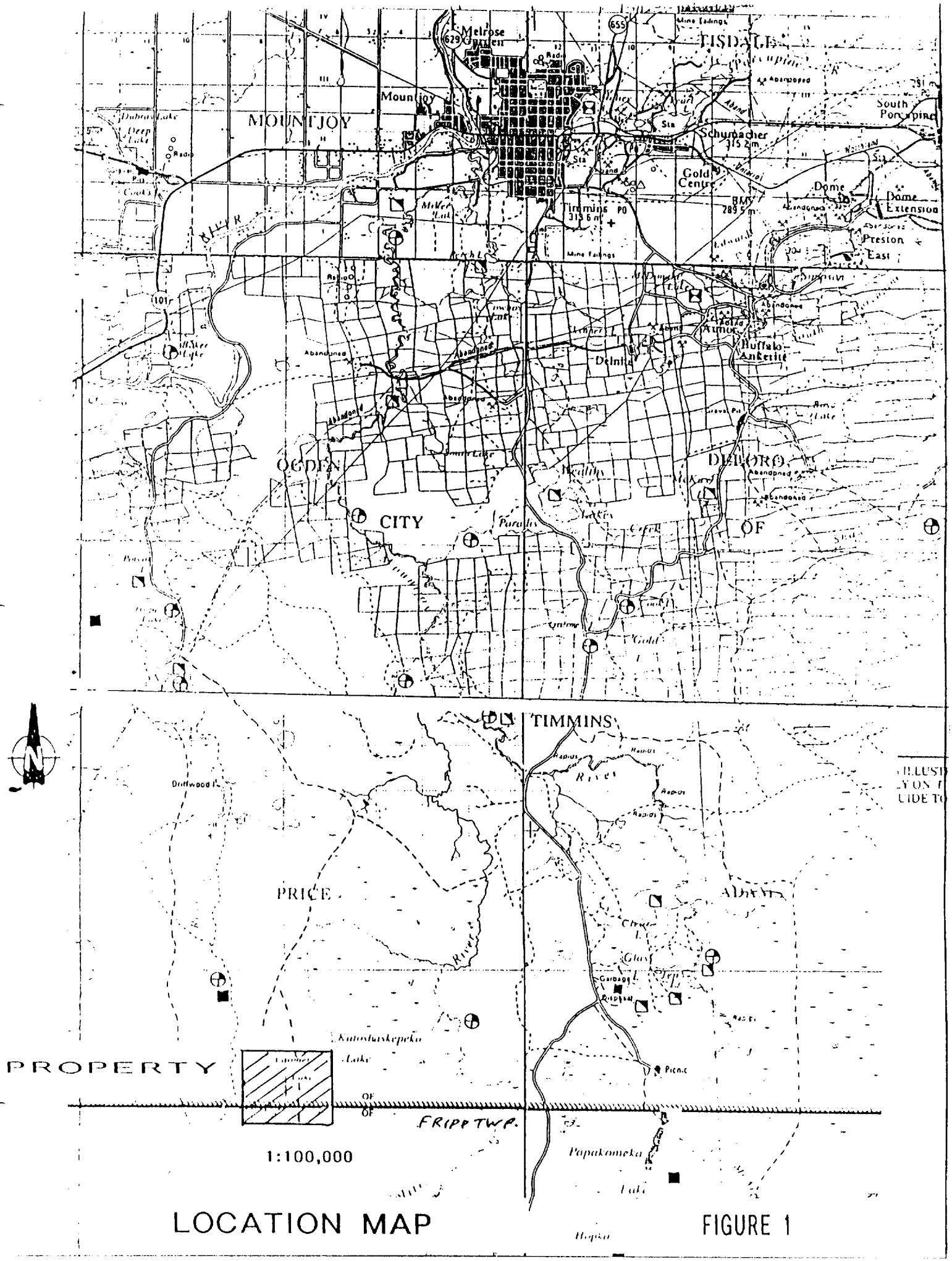
LOCATION AND ACCESS

The Latimer Lake Project is situated 22 kilometres southwest of Timmins Ontario, in the southwest portion of Price Township and the northwest portion of Fripp Township. The claims are located in the Porcupine Mining Division (**Figure 1**), NTS 42A / SW, 48°17'N, 81°25'W.

The Latimer Lake Project is easily accessed via Pine Street South from Timmins, followed by a series of logging roads. Approximately 12km south of Timmins along Pine St. S. is a logging road heading in a westerly direction. Approximately 4.5km along this logging road is a road heading south. Approximately 7km south along this road is the Latimer Lake Project. The road accesses the central portion of the project. A number of logging trails provide access to the east and west portions of the property.

PROPERTY

The Latimer Lake project consists of 23 claims comprising 480 hectares (**Table 1**), optioned from Great West Minerals Ltd. The claims are situated within the southwest portion of Price Township and the northwest portion of Fripp Township, of the Porcupine Mining Division (**Figure 2**).



LOCATION MAP

FIGURE 1

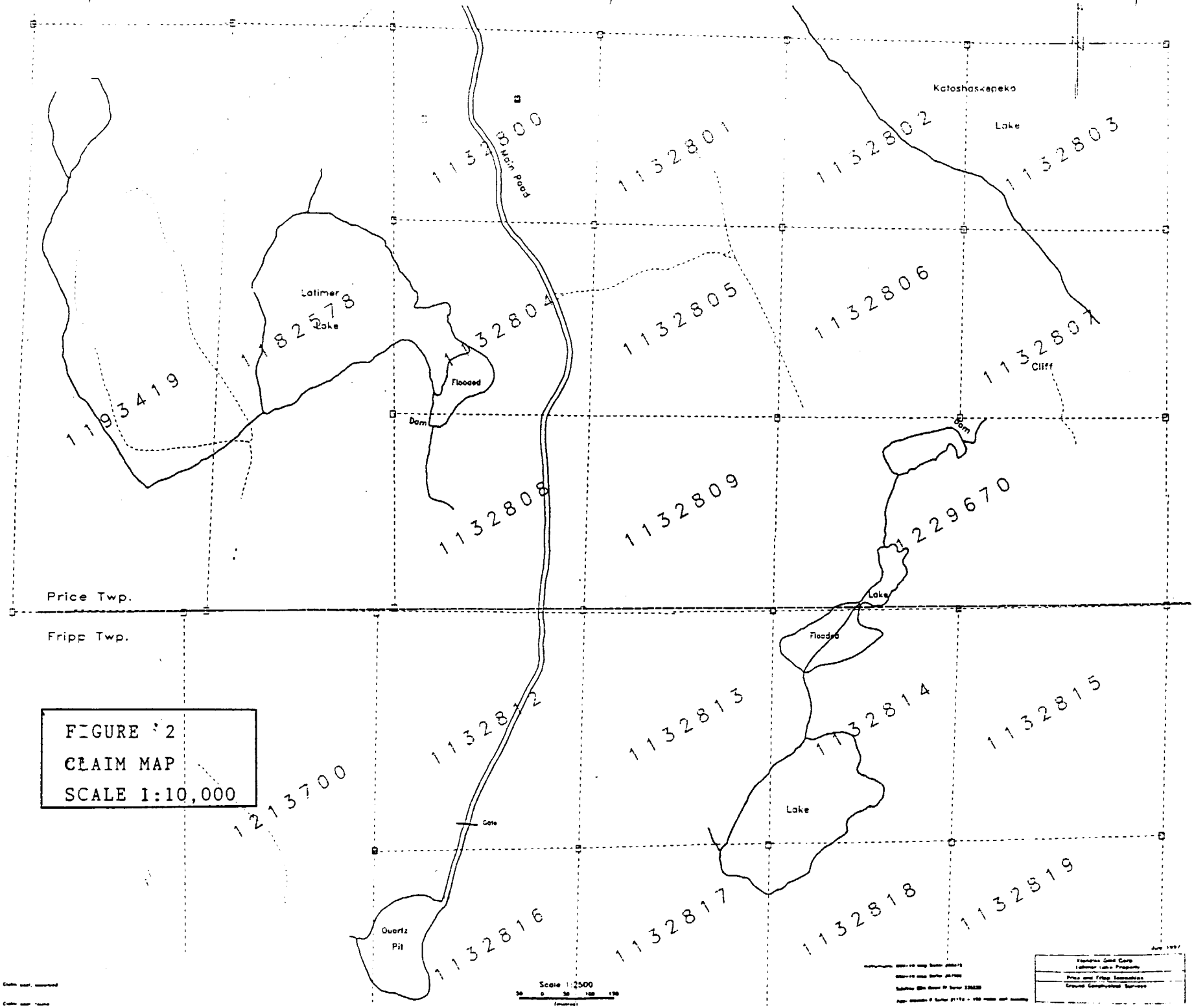

Katoshaskepeko
Lake
Main Road
Latimer
Lake
Flooded
Dam
Cliff
Dam
Price Twp.
Fripp Twp.
Lake
Flooded
Lake
Gate
Quartz
Pit
Scale 1:2500
FIGURE 2
CLAIM MAP
SCALE 1:10,000

Table 1 Claim List

Claim #	Units	Hectares	Township
P 1132800	1	16	Price Township
P 1132801	1	16	Price Township
P 1132802	1	16	Price Township
P 1132803	1	16	Price Township
P 1132804	1	16	Price Township
P 1132805	1	16	Price Township
P 1132806	1	16	Price Township
P 1132807	1	16	Price Township
P 1132808	1	16	Price Township
P 1132809	1	16	Price Township
P 1132812	1	16	Fripp Township
P 1132813	1	16	Fripp Township
P 1132814	1	16	Fripp Township
P 1132815	1	16	Fripp Township
P 1132816	1	16	Fripp Township
P 1132817	1	16	Fripp Township
P 1132818	1	16	Fripp Township
P 1132819	1	16	Fripp Township
P 1182578	3	48	Price Township
P 1182592	1	16	Price Township
P 1193419	3	48	Price Township
P 1213700	3	48	Price Township
P 1228670	2	32	Price Township
23 Claims	**30 units**	**480 hectares**	

REGIONAL GEOLOGY

The project is located in Archean aged volcanic rocks of the Deloro Group of the Abitibi subprovince. The volcanic rocks are characterized by calc-alkaline rhyolitic and dacitic tuffs. Numerous massive oxide and sulphide facies iron formations are present. The geology consists of north-west trending sequence of mafic volcanics rocks intercalated with felsic volcanic horizons, and several iron formations. A number of diabase dykes cross cut the stratigraphic sequence. Previous exploration in the areas has identified a number of copper and zinc showings.

PREVIOUS WORK

Previous work on the Latimer Lake Project has been sporadic, with the earliest work dating back to 1948. A number of geophysical surveys, prospecting and stripping programs have been completed, however little diamond drilling has been performed. Government agencies have completed regional mapping programs over the project area , and completed airborne geophysical surveys.

Hollinger Mines completed a magnetometer and HLEM survey over the south portion of the property that covers several iron formations. The magnetometer survey readily located the axis of the main iron formation as a magnetic high. A 300m section of iron formation had a low magnetic signature relative to the rest of the iron formation. This same 300m section of iron formation was strongly conductive, as identified during the HLEM survey. A summary of work on the Latimer Lake Project is summarized below in Table 2.

Table 2 Previous Work on the Latimer Lake Project

Report #	Company	Year	Type of work	Results
T-208	Rusk	1948	DDH	25 ft Py, Cpy, no assays
T-646	Hollinger	1961	Mag, EM, Geol.	1% Zn in grab
T-781	O'Learry	1964	EM	no significant results
T-2525	Northgate	1980	Mag, VLF, Geol, Soils	26% Cu in grab
T-2431	Argentex	1981	Mag, VLF, DDH	7% Zn 0.4% Cu /0.72 metres
OMIP	Great West	1990	Stripping	3% Cu, 2.4% Zn in grab
T-	Klondike	1987	Mag, HLEM	Strong Anomalies

REGIONAL GEOLOGY

The project is located in Archean aged volcanic rocks of the Deloro Group of the Abitibi subprovince. The volcanic rocks are characterized by calc-alkaline rhyolitic and dacitic tuffs. Numerous massive oxide and sulphide facies iron formations are present. The geology consists of north west trending sequence of mafic volcanics intercalated with

several iron formations. Previous work in the area has identified a number of high grade copper and zinc showings.

1997 MAPPING AND PROSPECTING PROGRAM

During the summer of 1997, Klondike Gold Corp. completed a mapping and prospecting program on the Latimer Lake Project. The program was completed by D.Healey and T.Keast, both employed by Klondike Gold Corp.

Geological mapping and prospecting has identified a northwest southeast trending sequence of volcanic rocks. The volcanic sequence includes ultramafic volcanic rocks, mafic volcanic rocks, felsic volcanic rocks, sulphide and oxide facies iron formations, felsic intrusions, and diabase dykes. The majority of outcrops consist of mafic volcanic flows, with a number of coarse grained knotty amphibolite flows or intrusions.

A prospective sulphide-oxide facies of iron formation has been identified and delineated across the project. The iron formation is 1-8 metres wide and consists of massive pyrite, pyrrhotite, magnetite, chacopyrite and sphalerite. Assay results indicate highly anomalous copper (Cu) and zinc (Zn) results from prospecting samples taken along the sulphide-oxide facies iron formation. Assay results and whole rock results are included in Appendix I. Details of the mapping are enclosed in the geological map in the back pocket.

1997 DRILLING PROGRAM

A four-hole (857m) diamond drill program was completed to evaluate the prospective sulphide-oxide facies iron formation along 1.1km of strike length. Diamond drilling was focussed along the iron formation in areas of strong conductivity coincident with anomalous Cu-Zn mineralization. Diamond drill logs, sections, and assay results are enclosed in Appendix II.

CONCLUSSION AND RECOMMENDATIONS

Exploration on the Latimer Lake Project has identified a prospective sulphide-oxide facies iron formation. Anomalous Cu and Zn was returned from surface grab samples and from the diamond drill holes. Although economically significant Cu-Zn intersections have not been intersected, anomalous Cu-Zn mineralization suggests potential for the horizon. Further work on the project could involve deep diamond drilling (at 500m level) to determine if the Cu-Zn tenure increases at depth.

CERTIFICATE OF QUALIFICATIONS

I, **Todd Keast**, of 1204 Grace Ave., Porcupine, Ontario, do hereby certify that:

1. I am the author of this report.

2. I am a graduate of the University of Manitoba, Winnipeg, Manitoba, having received an Honors Bachelor of Science (Geology), in 1986.

3. I have practiced in the field of mineral exploration since 1987, for a number of exploration companies throughout Manitoba, Ontario, and Quebec.

4. I am a Fellow of the Geological Association of Canada.

5. I am a member of the Canadian Institute of Mining and Metallurgy.

6. I have not received nor do I expect to receive any interest in the Latimer Lake Project nor in any projects within ten kilometers of the Latimer Lake Project.

Dated at Porcupine, Ontario this 25th day of March 1998.

Appendix I

Prospecting Assay and ICP Results

Lattimer Lake Project 1997 Prospecting Samples

	Location					Copper	Zinc	Gold	Whole
Sample #	Line N/S	E/W	Rock Type	Sulphides	Alteration	Cu %	Zn %	PPB	Rock
15209	L 15+85 N	4+45 E	Iron Formation	15-20% py 1-3% Cpy					
15210	L 15+80 N	4+50 E	Iron Formation	10-15 Mg, tr py					
15230	L 13+92 N	1+68 E	Lapilli Tuff					nil	y
15231	L 14+00 N	6+10 E	Iron Formation	1-3% py, 5-10% Mg				nil	
15232	L 13+95 N	6+05 E	Iron Formation	5-10% Mg				1	
15233	L 12+95 N	6+85 E	Mafic Flow, Pillowed					nil	y
15234	Along road off Prop		Iron Formation	15-20% Mg				2	
15235	L 11+00N	3+00 E							
15236	L11+02 N	3+53 E							y
15237	L 11+06 N	6+95 E							
15238	L 12+00 N	6+10 E	Intermediate Volcanic						
15239	L 11+90 N	5+25 E	Iron Formation						
15240	L 12+95 N	6+45 E	Felsic Dyke						y
12251	L 20+65 N	0+25 W	Meta-Sed (qtz-boudins)	Tr-Fe					
12252	L 20+81 N	0+07 E	Biotite-Schist (qtz-boudins)						
12253	L 21+00 N	0+06 E	Garnetiferous-Sed	Mod-Fe					
12254	L 21+00 N	2+25 E	Diorite ? , Q.V						
12255	L 21+00 N	2+73 E	Iron Formation	Str-Fe , Tr Py					
12256	L 20+70N	3+80 E	Diorite ? , Q.V						
12257	L 20+00 N	4+25 E	Diorite , Q.V						
12258	L 19+70 N	4+32 E	Iron Formation	Str-Fe , Tr Py					
12259	L 19+70 N	4+25 E	S.I.F.	1-7% Py,Po Tr-Cpy					
12260	L 20+00 N	1+12 E	Fragmental Unit (Qtz-veinlets)						
12261	L 19+85 N	0+06 E	Iron Formation , float	Mod-Fe , <1% Py					
12262	L 19+40 N	2+88 E	Iron Formation	Tr-Py,Gnt					
12263	L 18+80 N	2+75 E	Iron Formation (qtz-boudins)	2% Py					
12264	L 19+00 N	4+50 E	Iron Formation	<1% Py					
12265	L 19+00 N	5+23 E	Gabbro (qtz-veinlets)						
12266	L 18+75 N	5+75 E	S.I.F.	2-10% Py					
12267	L 19+20 N	5+70 E	Iron Formation	Tr-Py					
12268	L 18+00 N	7+73 E	Altered M.V ? Or U.M ?	1-2% Py	Str-Chl,Ser				
12269	L18+00 N	6+73 E	Iron Formation	Str-Fe , Tr Py					

Lattimer Lake Project 1997 Prospecting Samples

	Location					Copper	Zinc	Gold	Whole
Sample #	Line N/S	E/W	Rock Type	Sulphides	Alteration	Cu %	Zn %	PPB	Rock
12270	L 18+00 N	5+78 E	Sheared I.V. ?	Tr-Fe					
12289	L 16+65 N	3+25 E	Gabbro-diorite	Str-Fe , Tr Py					
12290	L 17+00 N	4+35 E	S.I.F.	40% Po,Tr Py,Cpy					
12291	L 16+95 N	4+35 E	S.I.F.	15% Po,Tr Py					
12292	L 17+00 N	7+70 E	Gabbro-Diorite	Str-Fe	Ser				
12293	L 16+90 N	8+10 E	Altered M.V. ?	Str-Fe,Tr-Py	Str-Ser,Chl				
15403	L10+00 N	1+46 E	Gabbro-diorite (qtz-blow)					nil	
15404	L 10+90 N	6+50 E	Altered M.V. ?	Tr-Cpy	Wk-Carb			nil	
15405	L 10+90 N	6+50 E	Altered M.V. ?	<1% Cpy,Py,Mal.	Chl			25	
15406	L 9+65 N	7+75 E	Iron Formation	Fe				3	
15407	L 10+00 N	9+95 E	M.V.	Str-Fe				nil	
15408	Argentex	Showing	S.I.F.	95% Po,Tr-Py,Cpy	Chl			15	
15409	Argentex	Showing	S.I.F.	90% Po,Tr-Py	Chl			4	
15410	Argentex	Showing	S.I.F.	80% Po,Tr-Py,Cpy	Chl			24	
15411	Argentex	Showing	S.I.F. (qtz-blow)	10% Py	Chl			7	
15412	Argentex	Showing	S.I.F.	25% Py,Tr-Cpy,Mal.,Spe	Chl			19	
15413	Argentex	Showing	S.I.F.	25% Py	Chl			33	
15414	Argentex	Showing	S.I.F.	20% Py	Chl			5	
15415	Argentex	Showing	S.I.F.	20% Py	Chl			18	
15416	L 4+00 N	0+20 E	Iron Formation	2-5% Py,Po				nil	
15421	L 7+00 N	2+75 E	Iron Formation	very lean				nil	
15422	L 7+00 N	2+75 E	I.V. ? (qtz-blow)					nil	
15423	L 7+00 N	7+50 E	S.I.F. ?	7% Py				6	
15424	L 8+00 N	7+50 E	Iron Formation	1-2% Mt				nil	
15425	L 8+00 N	5+38 E	Iron Formation	2% Py,Mt				nil	
15451	L 17+06 N	8+11 E		2% Mt	Str-Chl				y
15452	L 17+04 N	8+11 E		non-mag	Str-Chl				y
15453	L 16+87 N	8+22 E		1-2% Mt	Str-Chl				y
15454	L 18+00 N	7+75 E			Str-Chl,Ser				y
15455	Argentex	Showing			Str-Chl			nil	y
15456	Argentex	Showing						nil	y
15457	L 5+00 N	0+25 W	Knotty Chl-Schist		Chl				y

15/03/98

Lattimer Lake Project 1997 Prospecting Samples

	Location					Copper	Zinc	Gold	Whole
Sample #	Line N/S	E/W	Rock Type	Sulphides	Alteration	Cu %	Zn %	PPB	Rock
15458	L 15+90 N	4+60 E	Felsic Volcanic						y
15459	L 15+90 N	4+30 E	Felsic Volcanic						y
15426	Boundry	Zone	Qtz Veining	7% Cpy					
15427	L 15+90 N	4+30 E	Iron Formation	20% Mt,3% Py					
15428	L 15+90 N	4+30 E	Iron Formation	15% Py					
15241	Boundry	Zone	Qtz Veining	5-7% Cpy					
15242	Boundry	Zone	Qtz Veining	Tr-Py					
15243	Boundry	Zone	Qtz Veining	Tr-1% Hem,Tr-Cpy					
15244	Boundry	Zone	Qtz Veining	5-7% Hem					
15245	Boundry	Zone	Peridotite						y
15246	Boundry	Zone	Porphyry	Tr-1% Py					
15247	Boundry	Zone	Qtz Veining	5-7% Cpy					
15248	Boundry	Zone	Qtz Veining	<1% Cpy					
15249	Boundry	Zone	Contact Zone (minor rust)						
15250	Boundry	Zone	Feldspar Porphyry						y

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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R12362

Nom de la Compagnie/Company: Klondike Gold
Bon de Commande No/ P.O. No:
Projet/ Project No : Latimer Lake
Date Soumis/ Submitted : Jul 22, 1997 Jul 25, 1997
Attention : Tom Obradovich

No. D'Echantillon Sample No.	AU PPB	AU CHK PPB
12251	2	
12252	5	
12253	1	
12254	2	
12255	<1	
12256	2	
12257	<1	2
12258	<1	
12259	2	
12260	<1	
261	<1	
12262	12	
12263	1	
12264	<1	
12265	<1	
12266	3	
12267	4	
12268	1	
12269	15	16
12270	1	
12283	4	
12284	4	
12289	3	
12290	4	
12291	25	
12292	2	
12293	14	
15209	11	
15210	4	

Certifie par / Certified by :

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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R12494

Nom de la Compagnie/Company: Klondike Gold
Bon de Commande No/ P.O. No:
Projet/ Project No : Latimer Lake
Date Soumis/ Submitted : Aug 04, 1997 Aug 07, 1997
Attention : Tom Obradovich

No. D'Echantillon Sample No.	AU PPB	AU CHK PPB
15235	8	
15236	2	
15237	<1	
15238	2	
15239	4	
15240	1	
15241	<1	
15242	<1	
15243	1	
5244	<1	1
15245	1	
15246	2	
15247	15	
15248	<1	
15249	3	2
15250	<1	
15426	8	
15427	8	
15428	10	
15457	<1	
15458	2	
15459	1	

Certifie par / Certified by :

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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R12429

Nom de la Compagnie/Company: Klondike Gold
Bon de Commande No/ P.O. No:
Projet/ Project No : Latimer Lake
Date Soumis/ Submitted : Jul 29, 1997 Aug 04, 1997
Attention : Tom Obradovich

No. D'Echantillon Sample No.	AU PPB	AU CHK PPB
15403	<1	2
15404	<1	
15405	25	
15406	3	
15407	<1	
15408	15	
15409	4	
15410	24	
15411	7	
15412	19	
15413	33	
15414	5	
15415	18	
15416	<1	
15417	26	
15418	85	77
15419	11	
15420	1	
15421	<1	<1
15422	<1	<1
15423	6	
15424	<1	
15425	<1	
15455	<1	
15456	<1	
15230	<1	
15231	<1	
15232	1	
15233	<1	
15234	2	

Certifie par / Certified by :

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Work Order: 016310 **Date:** 08/08/97 **FINAL**

Element.	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1
Units.	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm
12251	<0.5	0.02	0.36	0.44	0.04	0.02	1.14	1.0	0.02	15	161	133	0.63	6
12252	<0.5	0.03	0.90	2.00	0.04	1.15	0.26	6.8	0.19	74	154	147	5.12	12
12253	<0.5	0.02	0.39	0.99	0.04	0.32	0.19	0.9	0.08	25	129	76	4.10	10
12254	<0.5	0.02	0.14	0.22	0.04	0.05	0.20	0.6	0.02	9	146	57	0.67	4
12255	<0.5	0.05	0.46	0.54	0.07	0.11	0.14	1.8	0.03	45	131	69	1.71	9
12256	<0.5	0.02	0.04	0.04	<0.01	<0.01	0.03	<0.5	<0.01	<2	178	22	0.27	2
12257	<0.5	0.02	0.19	0.27	0.03	0.01	0.42	0.8	0.04	16	171	147	0.81	8
12258	<0.5	0.05	0.77	0.93	0.04	0.03	0.35	2.8	0.06	48	54	167	2.45	15
12259	0.6	0.05	0.59	1.03	0.04	0.08	0.47	2.4	0.03	47	99	189	6.77	20
12260	<0.5	0.02	0.06	0.11	<0.01	0.02	0.11	<0.5	<0.01	5	173	63	0.47	2
12261	0.5	0.03	0.19	0.74	0.04	0.17	0.30	<0.5	0.05	17	95	79	4.66	8
12262	<0.5	0.03	0.88	1.46	0.05	0.51	0.24	6.6	0.08	65	130	183	3.56	17
12263	<0.5	0.02	0.14	0.15	0.04	0.02	0.27	<0.5	0.01	8	130	80	1.47	8
12264	<0.5	0.04	0.23	0.41	0.03	0.08	0.24	2.1	0.10	36	69	139	3.18	23
12265	<0.5	0.02	0.11	0.15	0.02	0.02	0.17	<0.5	0.03	8	192	96	0.71	4
12266	0.6	0.03	0.81	0.70	0.05	0.08	0.11	1.1	0.03	32	79	133	8.50	53
12267	<0.5	0.04	0.27	0.30	0.02	0.08	0.08	2.6	0.04	26	139	104	1.77	19
12268	<0.5	0.01	1.75	0.79	<0.01	<0.01	0.05	1.2	<0.01	31	635	73	2.14	45
12269	<0.5	0.03	1.18	2.02	0.03	1.53	0.14	7.4	0.20	171	258	437	4.47	21
12270	<0.5	0.02	0.09	0.09	<0.01	0.03	0.04	<0.5	<0.01	6	154	39	0.36	3
12283	<0.5	0.04	1.23	0.51	0.04	0.06	2.21	1.8	<0.01	8	75	292	1.83	9
12284	<0.5	0.05	1.19	0.97	0.07	0.03	1.49	2.3	<0.01	25	96	408	2.20	12
12289	<0.5	0.04	1.14	1.53	0.06	0.63	0.13	3.5	0.11	71	130	157	5.64	14
12290	0.7	0.01	0.04	0.04	0.06	<0.01	0.20	<0.5	<0.01	16	46	69	12.1	24
12291	0.7	0.02	0.08	0.12	0.06	0.02	0.22	<0.5	<0.01	24	67	77	13.3	51
12292	<0.5	0.08	0.17	0.30	0.06	0.07	0.51	1.4	0.11	36	35	135	3.30	8
12293	<0.5	0.03	0.61	0.44	0.02	0.05	0.04	0.9	<0.01	44	477	40	3.10	4
15209	0.9	0.02	0.32	0.55	0.03	0.03	0.07	1.6	0.02	34	102	179	13.9	31
15210	0.7	0.01	0.04	0.05	0.04	<0.01	0.19	<0.5	<0.01	29	98	413	10.5	7
*Dup 12251	<0.5	0.03	0.38	0.46	0.04	0.02	1.18	0.9	0.02	16	168	137	0.66	6

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Work Order: 016310 **Date:** 08/08/97 **FINAL**

Element.	Be	Na	Mg	Al	P	K	Ca	Sc	Tl	V	Cr	Mn	Fe	Co
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1
Units.	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm
*Dup 12263	<0.5	0.02	0.13	0.14	0.04	0.02	0.26	<0.5	0.01	8	130	79	1.46	8
*Dup 12291	0.7	0.02	0.08	0.12	0.06	0.02	0.22	<0.5	<0.01	24	66	76	13.1	51

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Work Order: 016310 **Date:** 08/08/97 **FINAL**

Element. Method. Det.Lim. Units.	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm
12251	35	4.6	10.6	<3	16.4	1.0	3.3	9	0.4	<1	<10	<5	7	1.7
12252	42	51.0	121	<3	9.4	3.2	2.7	8	0.5	<1	<10	<5	135	9.2
12253	29	118	36.3	<3	4.4	0.8	3.0	8	0.7	<1	<10	<5	31	6.0
12254	19	13.3	11.7	<3	4.8	0.9	2.4	10	0.5	<1	<10	<5	8	3.0
12255	25	30.9	65.0	<3	9.8	3.1	5.9	5	0.7	<1	<10	<5	60	12.7
12256	16	5.8	1.7	<3	1.3	<0.5	1.2	13	0.5	<1	<10	<5	1	0.6
12257	17	18.7	16.4	<3	5.9	0.9	1.4	12	0.3	<1	<10	<5	4	0.6
12258	17	64.1	47.7	<3	3.5	2.0	0.6	4	0.8	<1	<10	<5	5	2.1
12259	23	409	760	<3	3.5	2.1	0.6	12	1.1	<1	<10	<5	7	4.1
12260	18	29.0	14.4	<3	2.4	<0.5	<0.5	14	0.7	<1	<10	<5	5	<0.5
12261	16	151	26.6	<3	6.8	1.4	2.9	7	0.8	<1	<10	<5	41	6.3
12262	61	75.7	18.7	<3	7.5	2.5	3.3	10	0.5	<1	<10	<5	72	8.6
12263	29	50.5	10.3	<3	6.7	0.8	1.5	10	0.6	<1	<10	<5	7	1.7
12264	25	74.6	14.0	<3	4.2	1.4	1.3	3	0.7	<1	<10	<5	37	1.2
12265	19	12.5	13.3	<3	3.7	0.7	1.3	14	0.5	<1	<10	<5	7	1.6
12266	70	547	1680	<3	4.3	2.4	4.4	7	1.1	<1	<10	<5	10	10.6
12267	34	159	1050	<3	2.8	1.6	4.5	11	0.6	<1	<10	<5	12	3.9
12268	719	98.9	153	<3	1.0	0.6	0.5	3	0.5	<1	<10	6	2	0.7
12269	37	89.3	64.5	<3	3.6	1.8	1.5	9	0.5	<1	<10	<5	110	4.0
12270	18	6.6	7.4	<3	0.9	<0.5	0.5	12	0.5	<1	<10	<5	3	<0.5
12283	27	11.8	35.7	5	135	1.8	5.4	5	0.5	<1	<10	<5	16	3.7
12284	32	30.8	49.9	<3	105	1.9	5.7	6	0.4	<1	<10	<5	23	9.2
12289	13	115	32.9	<3	11.7	1.4	3.5	5	0.7	<1	<10	<5	101	12.2
12290	25	362	420	<3	3.8	2.0	0.9	4	1.0	<1	<10	<5	<1	4.4
12291	22	218	156	<3	3.7	1.7	0.9	19	1.8	<1	<10	<5	2	4.3
12292	3	78.1	18.4	<3	6.4	3.5	1.6	4	0.5	<1	<10	<5	15	8.2
12293	9	175	77.8	<3	3.4	<0.5	4.0	9	0.8	<1	<10	<5	13	5.1
15209	71	354	1840	<3	1.2	2.3	4.2	16	2.0	<1	<10	<5	3	5.3
15210	12	123	260	<3	1.7	2.3	2.0	8	0.8	<1	<10	<5	2	3.5
*Dup 12251	39	5.1	11.3	<3	17.1	1.1	2.8	8	0.6	<1	<10	<5	8	1.3

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Element.	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Dup 12263	31	50.9	9.9	<3	6.1	0.9	1.5	10	0.6	<1	<10	<5	7	1.5
*Dup 12291	21	215	152	<3	3.6	1.8	1.2	18	1.8	<1	<10	<5	2	3.9

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Element.	W	Pb	Bi
Method.	ICP70	ICP70	ICP70
Det.Lim.	10	2	5
Units.	ppm	ppm	ppm
12251	<10	<2	<5
12252	<10	<2	<5
12253	<10	<2	<5
12254	<10	<2	<5
12255	<10	<2	<5
12256	<10	<2	<5
12257	<10	2	<5
12258	<10	<2	<5
12259	<10	<2	<5
12260	<10	4	<5
12261	<10	<2	<5
12262	<10	<2	<5
12263	<10	<2	<5
12264	<10	5	<5
12265	<10	<2	<5
12266	<10	29	<5
12267	<10	23	<5
12268	<10	<2	<5
12269	<10	<2	<5
12270	<10	<2	<5
12283	<10	3	<5
12284	<10	<2	<5
12289	<10	<2	<5
12290	<10	6	<5
12291	<10	8	<5
12292	<10	<2	<5
12293	<10	8	<5
15209	<10	8	<5
15210	<10	7	<5
*Dup 12251	<10	<2	<5

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Element.	W	Pb	Bi
Method.	ICP70	ICP70	ICP70
Det.Lim.	10	2	5
Units.	ppm	ppm	ppm
*Dup 12263	<10	<2	<5
*Dup 12291	<10	8	<5

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Work Order: 016458 **Date:** 15/08/97 **FINAL**

Element.	SiO2	Al2O3	CaO	MgO	Na2O	K2O	Fe2O3	MnO	TiO2	P2O5	Cr2O3	LOI	Sum	Rb
Method.	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	10
Units.	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
15404	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15405	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15406	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15407	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15408	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15409	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15410	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15411	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15412	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15413	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15414	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15415	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15416	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15421	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15423	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15424	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15425	52.0	14.6	8.23	7.23	3.93	0.81	9.26	0.12	0.970	0.35	0.04	1.40	99.1	39
15455	49.3	13.9	11.1	6.90	2.48	0.36	14.1	0.26	0.954	0.07	0.04	0.80	100.3	23
15456	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15230	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15231	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15232	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15233	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15234	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Dup 15404	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Dup 15416	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element. Method. Det.Lim. Units.	Sr XRF101 10 ppm	Y XRF101 10 ppm	Zr XRF101 10 ppm	Nb XRF101 10 ppm	Ba XRF101 50 ppm	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %
15404	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	1.77	1.28	0.10	<0.01	0.85	0.8	0.03
15405	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.63	0.47	0.05	<0.01	0.67	<0.5	0.02
15406	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.24	0.32	0.03	0.02	0.77	2.5	0.08
15407	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	1.05	1.45	0.04	0.28	0.12	0.7	0.11
15408	N.A.	N.A.	N.A.	N.A.	N.A.	1.7	0.02	0.72	0.90	0.06	0.17	0.18	<0.5	0.03
15409	N.A.	N.A.	N.A.	N.A.	N.A.	2.4	0.02	1.25	1.48	0.04	0.46	0.10	<0.5	0.07
15410	N.A.	N.A.	N.A.	N.A.	N.A.	1.6	0.02	0.73	0.82	0.06	0.19	0.17	<0.5	0.04
15411	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.01	0.25	0.57	0.01	0.02	0.04	<0.5	<0.01
15412	N.A.	N.A.	N.A.	N.A.	N.A.	1.1	0.01	0.68	0.57	0.15	0.24	0.39	<0.5	<0.01
15413	N.A.	N.A.	N.A.	N.A.	N.A.	0.9	0.03	2.22	2.62	0.03	0.12	0.09	3.0	0.04
15414	N.A.	N.A.	N.A.	N.A.	N.A.	1.7	0.01	0.54	1.34	0.04	0.02	0.08	1.9	0.02
15415	N.A.	N.A.	N.A.	N.A.	N.A.	1.4	0.02	0.27	0.42	0.09	0.09	0.23	<0.5	0.02
15416	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.17	0.38	0.09	0.09	0.44	4.4	0.13
15421	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.39	0.51	0.03	0.06	2.19	3.9	0.02
15423	N.A.	N.A.	N.A.	N.A.	N.A.	0.6	0.03	0.18	0.29	0.05	0.02	0.29	<0.5	0.01
15424	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.34	0.86	0.06	0.35	0.22	<0.5	0.05
15425	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.37	0.45	0.02	0.15	0.32	0.9	0.06
15455	673	26	150	15	433	<0.5	0.05	1.05	0.99	0.17	0.06	0.64	0.6	0.06
15456	174	32	57	<10	107	<0.5	0.05	0.79	1.13	0.03	0.02	0.80	2.0	0.06
15230	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.09	0.30	0.44	0.08	0.04	0.45	1.9	0.03
15231	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	0.62	1.28	0.04	0.37	0.23	1.3	0.07
15232	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.12	0.19	0.02	0.07	0.18	<0.5	0.02
15233	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.34	0.44	0.03	0.05	0.39	2.1	0.07
15234	N.A.	N.A.	N.A.	N.A.	N.A.	0.7	0.02	0.11	0.12	0.07	0.02	0.22	<0.5	<0.01
*Dup 15404	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	1.68	1.22	0.09	<0.01	0.80	0.8	0.02
*Dup 15416	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.17	0.39	0.09	0.09	0.46	4.4	0.13

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Element. Method. Det.Lim. Units.	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm
15404	38	191	317	2.62	10	57	270	54.0	<3	13.9	3.9	19.8	11	<0.2
15405	15	197	131	1.44	3	31	3830	32.6	3	10.2	1.8	10.4	14	1.3
15406	25	77	111	1.52	13	18	133	7.1	<3	4.7	1.9	0.6	33	<0.2
15407	26	90	421	6.00	3	6	98.4	44.6	<3	5.2	1.2	2.9	8	<0.2
15408	44	76	211	21.8	49	63	824	1050	<3	6.5	2.5	1.0	7	2.3
15409	60	83	220	26.7	3	64	221	4780	<3	3.4	3.0	4.9	8	1.4
15410	39	63	161	21.2	22	70	1220	1080	<3	3.3	2.0	1.3	5	3.9
15411	20	147	152	11.3	57	53	386	1050	<3	1.3	1.0	0.7	16	1.5
15412	24	37	2340	11.0	38	30	1280	4810	23	23.6	4.4	<0.5	39	4.7
15413	72	81	2050	14.8	86	40	189	>10000	123	6.0	1.9	1.5	15	6.4
15414	47	97	244	16.4	85	94	864	>10000	<3	1.9	4.9	<0.5	12	5.5
15415	40	63	395	18.6	65	41	817	940	38	12.8	2.5	0.7	4	1.1
15416	40	79	137	7.20	23	12	406	411	<3	4.4	5.2	1.5	7	0.8
15421	44	151	746	2.97	9	53	64.3	37.1	<3	12.8	2.1	1.7	9	<0.2
15423	23	147	98	12.6	127	72	1680	47.1	<3	2.4	1.8	<0.5	11	1.3
15424	24	124	151	7.52	6	8	229	101	<3	17.9	1.5	2.1	11	0.3
15425	61	97	121	8.82	7	10	149	112	<3	2.7	1.5	<0.5	6	0.7
15455	36	125	200	2.21	16	68	50.9	46.9	<3	16.9	2.3	3.4	5	0.2
15456	48	73	400	2.11	12	15	184	320	<3	6.2	2.5	<0.5	9	0.4
15230	22	83	81	0.98	2	13	22.4	26.1	<3	3.2	3.0	3.1	5	<0.2
15231	28	111	228	5.12	3	6	52.4	108	<3	6.2	1.5	1.7	12	<0.2
15232	23	156	275	6.93	<1	8	30.1	93.3	<3	3.3	1.0	<0.5	12	0.5
15233	28	83	152	1.41	5	13	21.9	33.2	<3	3.3	2.0	<0.5	8	<0.2
15234	18	76	130	12.2	7	9	70.1	203	<3	4.3	2.7	<0.5	6	<0.2
*Dup 15404	36	179	300	2.49	8	53	257	50.2	<3	13.1	3.7	18.3	10	0.3
*Dup 15416	41	83	142	7.31	22	12	408	410	<3	4.4	5.5	0.8	8	1.0

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Work Order: 016458 **Date:** 15/08/97 **FINAL**

Element.	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	10	5	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
15404	<1	<10	<5	12	19.1	<10	<2	<5
15405	<1	<10	5	8	9.7	<10	7	*INF
15406	<1	<10	<5	8	0.9	<10	<2	<5
15407	<1	<10	<5	74	3.6	<10	7	<5
15408	<1	<10	7	47	2.4	<10	21	<5
15409	<1	<10	5	51	3.4	<10	18	<5
15410	<1	<10	6	37	2.7	<10	19	*INF
15411	<1	<10	7	8	<0.5	<10	180	<5
15412	<1	<10	<5	73	<0.5	<10	3830	*INF
15413	465	<10	<5	38	2.6	<10	522	<5
15414	6	<10	<5	11	5.0	<10	99	<5
15415	<1	<10	6	47	1.4	<10	41	<5
15416	<1	<10	<5	16	1.9	<10	13	<5
15421	<1	<10	7	18	5.9	<10	4	<5
15423	<1	<10	7	10	2.3	<10	10	*INF
15424	<1	<10	<5	86	9.9	<10	9	<5
15425	<1	<10	<5	36	0.6	<10	8	<5
15455	<1	<10	<5	23	24.9	<10	4	<5
15456	<1	<10	<5	7	2.0	<10	671	<5
15230	<1	<10	<5	8	8.6	<10	13	<5
15231	<1	<10	<5	53	8.0	<10	9	<5
15232	<1	<10	<5	14	4.1	<10	34	<5
15233	<1	<10	<5	11	0.9	<10	19	<5
15234	<1	<10	6	9	1.1	<10	10	<5
*Dup 15404	<1	<10	<5	12	18.4	<10	4	<5
*Dup 15416	<1	<10	<5	17	2.0	<10	12	<5

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Work Order: 016557 **Date:** 21/08/97 **FINAL**

Element.	SiO2	Al2O3	CaO	MgO	Na2O	K2O	Fe2O3	MnO	TiO2	P2O5	Cr2O3	LOI	Sum	Rb
Method.	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF7
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	2
Units.	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
15426	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15427	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15428	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15235	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15236	48.1	13.9	10.2	8.22	2.03	0.26	14.3	0.22	0.937	0.05	0.04	0.30	98.6	8
15237	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15238	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15239	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15240	75.7	13.0	1.80	0.74	5.84	0.97	1.63	0.01	0.176	0.07	0.03	0.35	100.3	21
15241	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15242	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15243	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15244	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15245	48.3	14.4	1.87	8.01	4.16	0.35	17.6	0.28	1.785	0.15	0.02	3.45	100.3	16
15246	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15247	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15248	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15249	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15250	58.7	14.9	4.75	4.97	4.09	1.43	7.52	0.14	0.742	0.16	0.04	1.05	98.5	50
15457	46.9	18.3	9.36	9.36	1.94	1.00	11.1	0.17	0.559	0.03	0.04	1.55	100.3	44
15458	62.8	14.7	9.08	1.04	1.75	0.88	7.72	0.11	0.548	0.14	0.04	0.25	99.0	25
15459	64.6	16.4	5.07	2.34	3.64	1.51	3.79	0.06	0.516	0.14	0.03	0.50	98.6	22
*Dup 15426	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Dup 15244	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element.	Sr	Y	Zr	Nb	Ba	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
Method.	XRF7	XRF7	XRF7	XRF7	XRF7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	2	3	2	20	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units.	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	%
15426	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.56	0.44	<0.01	<0.01	0.04	0.6	0.01
15427	N.A.	N.A.	N.A.	N.A.	N.A.	0.8	0.01	0.03	0.06	0.09	<0.01	0.44	<0.5	<0.01
15428	N.A.	N.A.	N.A.	N.A.	N.A.	0.9	0.02	0.30	0.68	0.04	0.02	0.28	1.3	0.02
15235	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.08	0.74	0.96	0.09	0.09	0.63	3.2	0.05
15236	90	15	65	3	52	<0.5	0.06	0.44	0.52	0.02	0.02	0.53	2.3	0.03
15237	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	<0.01	1.95	1.05	<0.01	<0.01	0.91	2.5	<0.01
15238	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	1.00	1.36	0.05	0.26	0.28	2.1	0.12
15239	N.A.	N.A.	N.A.	N.A.	N.A.	1.6	0.02	0.48	1.12	0.03	0.05	0.14	2.1	0.02
15240	125	<2	83	4	109	<0.5	0.06	0.49	0.61	0.04	0.03	0.41	0.8	0.03
15241	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	1.00	0.80	<0.01	<0.01	0.06	1.6	0.03
15242	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.18	0.16	<0.01	<0.01	0.04	<0.5	<0.01
15243	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.56	0.51	<0.01	<0.01	0.09	0.8	0.05
15244	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	1.00	0.88	0.01	<0.01	0.12	2.0	0.06
15245	81	28	138	6	131	0.9	0.04	4.07	3.21	0.06	0.04	0.34	2.7	0.15
15246	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.85	0.65	0.01	<0.01	0.06	0.8	0.03
15247	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.34	0.27	<0.01	<0.01	0.03	<0.5	<0.01
15248	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.35	0.29	<0.01	<0.01	0.05	<0.5	<0.01
15249	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	2.28	1.96	0.01	0.09	0.28	3.5	0.04
15250	216	5	154	6	202	<0.5	0.06	0.87	0.87	0.07	0.11	0.48	1.1	0.05
15457	148	13	37	3	125	<0.5	0.07	1.12	1.40	0.02	0.08	0.60	1.2	0.02
15458	336	7	119	4	375	<0.5	0.03	0.60	1.09	0.06	0.38	0.50	0.6	0.11
15459	582	5	119	4	463	<0.5	0.06	1.36	1.53	0.06	0.81	0.36	1.3	0.13
*Dup 15426	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.52	0.41	<0.01	<0.01	0.04	0.6	0.01
*Dup 15244	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.98	0.86	0.01	<0.01	0.11	1.8	0.05

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Element.	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2
Units.	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
15426	16	195	107	2.62	13	26	12680	16.2	<3	2.3	0.7	<0.5	16	3.4
15427	24	116	187	12.4	101	20	421	480	<3	4.7	2.3	<0.5	12	1.4
15428	26	130	188	11.4	66	62	756	477	<3	2.0	1.9	2.7	28	1.7
15235	43	156	283	2.01	12	44	10.3	53.9	36	8.2	4.0	2.5	6	0.6
15236	25	57	126	0.93	7	16	25.6	10.8	5	2.8	2.4	<0.5	4	0.3
15237	43	968	277	2.00	57	551	74.9	21.9	<3	33.0	2.6	<0.5	<1	0.9
15238	59	85	396	3.39	16	24	73.4	200	<3	6.3	3.2	1.8	5	0.9
15239	51	111	197	19.8	53	70	378	> 10000	<3	1.2	2.6	<0.5	13	1.3
15240	16	124	148	1.01	4	18	7.4	95.3	<3	8.8	1.8	11.0	8	0.6
15241	42	185	242	3.58	7	24	14500	181	<3	3.0	1.7	3.3	14	3.7
15242	7	282	65	0.70	2	20	379	14.2	<3	7.5	0.6	1.9	20	0.5
15243	45	196	171	2.57	13	19	1120	26.0	<3	5.3	2.0	2.6	13	1.0
15244	49	201	258	2.56	10	25	161	38.5	<3	11.1	3.2	5.3	13	0.4
15245	279	109	1010	8.92	38	47	87.4	166	<3	5.0	11.7	7.2	2	0.8
15246	37	211	167	2.90	8	25	8680	27.3	<3	2.1	1.6	0.9	15	3.5
15247	11	214	77	0.87	4	19	814	9.6	<3	3.6	0.5	<0.5	15	0.9
15248	11	240	78	0.84	4	24	265	8.6	<3	4.1	0.6	<0.5	17	0.9
15249	64	119	428	3.36	19	86	66.7	59.8	<3	4.1	1.4	<0.5	4	0.6
15250	29	120	213	1.58	13	56	69.4	56.8	<3	5.2	3.4	<0.5	5	0.8
15457	23	80	185	1.54	12	55	135	34.6	<3	8.7	1.3	<0.5	5	0.9
15458	35	125	270	2.84	17	26	66.6	96.0	<3	12.6	2.8	2.0	10	0.7
15459	55	112	344	2.22	14	22	35.6	57.5	<3	14.8	2.8	<0.5	7	0.7
*Dup 15426	15	177	97	2.40	12	22	11740	15.2	3	2.2	0.8	<0.5	14	2.9
*Dup 15244	47	200	258	2.50	9	22	158	37.6	<3	10.1	3.0	4.1	14	0.6

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Element.	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	10	5	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
15426	<1	<10	<5	3	<0.5	<10	5	*INF
15427	<1	<10	<5	3	3.2	<10	11	<5
15428	<1	<10	<5	4	4.9	<10	9	<5
15235	<1	<10	<5	18	8.4	<10	15	<5
15236	<1	<10	<5	4	<0.5	<10	<2	<5
15237	<1	<10	9	8	<0.5	<10	<2	6
15238	<1	<10	<5	43	5.9	<10	110	6
15239	<1	<10	<5	5	5.9	<10	14	9
15240	<1	<10	<5	8	7.6	<10	23	<5
15241	<1	<10	<5	2	<0.5	<10	<2	*INF
15242	<1	<10	<5	2	<0.5	<10	<2	<5
15243	<1	<10	<5	1	0.6	<10	<2	*INF
15244	<1	<10	<5	3	1.1	<10	<2	<5
15245	<1	<10	<5	11	7.8	<10	<2	6
15246	<1	<10	<5	2	<0.5	<10	16	*INF
15247	<1	<10	<5	1	<0.5	<10	<2	<5
15248	<1	<10	<5	2	0.8	<10	2	<5
15249	<1	<10	<5	16	3.1	<10	<2	<5
15250	<1	<10	<5	16	8.4	<10	62	<5
15457	<1	<10	<5	12	<0.5	<10	<2	7
15458	<1	<10	<5	145	9.9	<10	3	<5
15459	<1	<10	<5	237	9.8	<10	<2	<5
*Dup 15426	<1	<10	<5	1	<0.5	<10	6	*INF
*Dup 15244	<1	<10	<5	2	<0.5	<10	<2	<5

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Work Order: 016311 **Date:** 22/08/97 **FINAL**

Element.	SiO2	Al2O3	CaO	MgO	Na2O	K2O	Fe2O3	MnO	TiO2	P2O5	Cr2O3	LOI	Sum	Rb
Method.	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101	XRF101
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	10
Units.	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
15451	46.1	4.95	2.11	27.1	0.12	0.04	12.7	0.11	0.261	0.02	0.35	6.50	100.3	< 10
15452	46.1	8.48	7.72	19.4	0.76	0.37	12.2	0.18	0.457	0.04	0.32	3.65	99.6	16
15453	41.4	3.38	5.19	27.9	0.04	<0.01	9.02	0.13	0.188	0.01	0.27	12.8	100.3	< 10
15454	48.4	4.81	6.03	24.3	0.10	0.03	10.4	0.18	0.270	0.02	0.34	4.95	99.8	< 10
15215	70.2	13.9	2.26	0.82	3.21	2.30	3.00	0.04	0.220	0.09	0.02	3.85	100.1	46

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Element.	Sr	Y	Zr	Nb	Ba	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
Method.	XRF101	XRF101	XRF101	XRF101	XRF101	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	10	10	10	10	50	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units.	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	%
15451	12	<10	51	<10	141	<0.5	0.01	1.35	0.40	0.01	<0.01	0.43	2.9	<0.01
15452	22	16	44	<10	112	<0.5	0.02	2.24	1.41	0.02	0.24	0.13	0.8	0.05
15453	151	<10	48	10	111	<0.5	0.01	3.17	0.26	<0.01	<0.01	3.85	2.3	<0.01
15454	19	<10	40	<10	97	<0.5	0.01	1.71	0.70	<0.01	<0.01	0.10	1.1	<0.01
15215	204	11	179	<10	664	<0.5	0.04	0.46	0.16	0.03	0.08	1.50	0.5	<0.01

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Element.	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2
Units.	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
15451	37	470	166	2.84	50	500	36.2	28.3	<3	4.6	1.1	<0.5	<1	<0.2
15452	34	567	200	2.11	19	207	6.0	34.4	<3	3.0	<0.5	<0.5	<1	<0.2
15453	22	240	717	2.42	64	1190	29.8	24.0	<3	155	2.6	<0.5	<1	<0.2
15454	28	630	73	2.17	57	977	113	101	<3	2.7	<0.5	<0.5	<1	<0.2
15215	<2	75	280	1.69	1	9	16.0	92.2	<3	66.0	2.8	28.0	4	0.2

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Element.	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	10	5	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
15451	<1	<10	<5	5	0.9	<10	<2	<5
15452	<1	<10	<5	30	0.9	<10	<2	<5
15453	<1	<10	<5	12	<0.5	<10	<2	<5
15454	<1	<10	<5	1	<0.5	<10	<2	<5
15215	<1	<10	<5	42	10.7	<10	<2	<5

Appendix II

Diamond Drill Logs and Sections, Assay and ICP Results

KLONDIKE GOLD CORP.

DRILL HOLE RECORD

Northing: 1800
Easting: 595
Elevation: 1000

Collar Azi.: 270
Collar Dip: -45

Hole Length: 296
Logged by: Todd Keast
Purpose: Test coincident HLEM and Geochem Anomaly.

*** Dip Tests ***

Depth	Azi.	Dip
296	270	-40

Drill Hole: LL-97-1

Easting: 5+95 E
Northing: L 18+00 N
Property: Latimer Lake Project
Drilled by: Lafreniere Drilling
Core Size: BQ
Date Started: Sept 23,1997
Completed: Sept 25,1997
Claim: 1132801

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
.00	6.50	CASING							
6.50	12.03	MAFIC VOLCANIC FLOW Massive dark green mafic flow. Dark green, medium grained, weakly foliated 55 to C.A. Tr-1% disseminated pyrite, 1mm grains. Tr-1% 1mm wide qtz veins parallel to foliation. H 3-4, M.S. 0.35.							
12.03	14.75	CHLORITE BIOTITE SCHIST Weakly altered mafic flow. Light green with scatterred brown, biotite bands up to 4 cm wide. Fine grained, weakly foliated, motteled texture. 1-3% white qtz veins up to 2 cm wide. Wispy light brown fine grained biotite bands up to 3 cm wide. Bands parallel to foliation, 60 to C.A. Red, fine grained mineral in biotite bands, possible garnet. 1-2% disseminated pyrite. Sharp upper contact 50 to C.A. H 3-4, biotite bands H 4-5. M.S. 0.45.							
14.75	71.65	MAFIC VOLCANIC FLOW Massive mafic flow. Dark green, moderately foliated, fine grained. 1-3% scattered white qtz veins up to 3 cm wide. Veins parallel to foliation, 50 to C.A. Sharp upper contact 55 to C.A. 1-2% dis pyrite, tr pyrrhotite. Rare 1 cm wide wispy biotite band. Scattered 5 cm wide patches with dark green to black 1mm amphibole grains. Rare local flow breccia and pillowed sections. 1% epidote patches up to 4 cm wide. H > 5, M.S. 0.53. 35.63 35.96 Lamprophyre Dyke, 40 deg to C.A. 39.77 40.27 Lampropyre Dyke, 55 deg to C.A. 49.72 50.10 75% white qtz veins 60 to C.A. 3-5% py. 61.40 62.50 Lamprophyre Dyke, 20 to C.A. 1-3% py M.S. 0.25. 64.53 65.20 Purple-grey chert interbed. Fine grained, laminated 55 to C.A. 1-3% dis py. Weak sericite alteration. Sharp upper contact 50 to C.A. H > 5, M.S. 0.32.	35501 35502	49.5 67.0	50.1 68.0	.6 1.0	tr tr	170 75	13 117

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
		66.90 67.84 Strong Biotite alteration, wispy bands 55 to C.A. 5-7% qtz veins parallel to foliation. 1-3% dis py.							
		70.00 70.50 Purple-grey chert interbed. Fine grained, weakly bedded 50 to C.A. 1-3% dis py. Broken blocky core throughout.							
		71.00 71.55 Fault gouge, broken blockey core, fault 25 deg to C.A.							
71.55	76.80	MAFIC INTRUSION Dark green, coarse grained massive crystalline texture, possible sill. Weak foliation 55 to C.A. Faulted upper contact, gradational lower contact. H 4-5, M.S. 0.31.							
76.80	117.20	MAFIC VOLCANIC FLOW	35503	107.0	108.0	1.0	tr	174	595
		Mafic flow. Dark-light apple green, moderately foliated, fine grained. 1-3% scattered white qtz veins up to 3 cm wide. Veins parallel to foliation, 50 to C.A. Gradational upper contact 55 to C.A. 1-2% dis pyrite, tr pyrrhotite. Rare 1 cm wide wispy biotite band. Rare local flow breccia and pillowed sections. 1% epidote patches up to 4 cm wide. Numerous sections of 1-5 cm wide banded light green/dark green flows. H 3-4, M.S. 0.36.							
		80.32 80.60 Lamprophyre Dyke, 60 deg to C.A.							
		81.27 82.80 Purple-grey chert interbed. 1-3% py, M.S.6.0.							
		82.80 91.50 Strong chlorite-amphibole-talc alteration, bright green/apple green colour. M.S 8.50.							
		91.50 92.07 Purple-grey chert interbed. 1-3% py M.S 0.1.							
		93.00 93.52 Purple-grey chert interbed. 1-3% py.M.S 0.20.							
		101.25 101.90 Purple-grey chert interbed. 1-3% py 65 deg to C.A. M.S 0.55.							
		107.05 107.80 Purple-grey chert interbed. 7-10% py, 1-3% po 65 deg to C.A. M.S. 12.0.							
117.20	122.70	TALCOSE MAFIC VOLCANIC FLOW Light green/grey, fine grained, weakly foliated mafic flow. Sharp upper contact 65 deg to C.A. 1-3% dis py. Moderate to strong pervassive talc alteration. H 3, M.S 18.0.							
		120.60 121.10 Fault gouge, soft broken talc-chlorite schist.							
122.70	177.25	MAFIC VOLCANIC FLOW	35504	132.0	133.0	1.0	tr	60	49

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
		Dark-light green, moderately foliated, fine grained. 1-3% scattered white qtz veins up to 3 cm wide. Veins parallel to foliation, 65 to C.A. Gradational upper contact 65 to C.A. 1-2% dis pyrite, tr pyrrhotite. Rare 1 cm wide wispy biotite band. 1% epidote patches up to 4 cm wide. Numerous sections of 1-5 cm wide banded light green/dark green flows. H 3-4, M.S. 0.35.	35505	162.5	163.6	1.0	tr	464	93
			35506	169.5	170.0	.5	tr	335	15
		127.50 127.85 Weak red K-feldspar alteration, 6 cm wide dyke.							
		131.80 134.00 Fault Zone. Broken blocky core, with white qtz vn 132.00-132.90. 7-10% green angular fragments in vein.							
		136.75 137.15 Well laminated section, 65 deg to C.A.							
		141.00 141.60 Grey-purple chert interbed. 3-5% py, 65 deg to C.A.,M.S. 1.20.							
		144.10 145.00 Grey-purple chert interbed 1-3% py, 65 deg to C.A.,M.S 2.20.							
		154.75 155.50 Grey-purple chert interbed 1-3% py 70 deg to C.A., MS 0.50.							
		157.50 158.00 Grey-purple chert interbed 1-3% py.							
		162.50 163.45 Strong green chlorite alteration 10-15% laminated py. M.S 0.45.							
		164.00 164.50 5-7% barren white qtz veins.							
		169.60 169.90 5-7% clear qtz veins, 5-7% py 3-5% po.							
177.25	179.00	INTERMEDIATE VOLCANIC FLOW Light grey, fine grained weakly foliated massive intermediate volcanic flow. Sharp upper contact 70 deg to C.A. Weak k-feldspar alteration. Weak biotite bands up to 5 cm wide. H>5. M.S. 0.25.							
179.00	183.10	IRON FORMATION	35507	179.0	180.0	1.0	tr	254	549
		Sulphide rich iron formation. Grey to green, fine grained, weakly foliated, strongly bedded 60 deg to C.A. Strong green chloritic matrix, 10-15% py in laminations, 10-15% mg, 1-3% po, tr-1% fine grained brown mineral, possible sphalerite. Laminations up to 1cm wide, strongly conductive along lamination planes. 5-7% clear and white quartz veins, with 3-5% dis py. H>5, MS 250.0.	35508	180.0	181.0	1.0	2	414	1280
			35509	181.0	182.0	1.0	1	160	219
			35510	182.0	183.1	1.1	tr	277	645
183.10	185.05	INTERMEDIATE DYKE Light grey, fine grained massive dyke? Broken blocky upper contact, sharp lower contact 20 deg to C.A. Massive crystalline texture, non foliated, 1-3% dis py. H>5 MS 0.50.							
185.05	191.00	INTERMEDIATE VOLCANIC FLOW							

From (m)	To (m)	Geology	Smple	Frcm (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
		Light grey to brown, fine grained, weakly foliated 65 deg to C.A. Wispy light brown fine biotite in qtz ser matrix. 1-3% dis py. Tr-1 % qtz vns up to cm wide. 1-3% 1mm wide irregular qtz filled fractures. H>5 MS 0.25. 190.50 190.80 Broken blocky core along lower contact.							
191.00	229.80	MAFIC VOLCANIC FLOW Dark-light green, moderately foliated, fine grained. 1-3% scattered white qtz veins up to 3 cm wide. Veins parallel to foliation, 65 to C.A. Sharp upper contact 65 to C.A. 1-2% dis pyrite, tr pyrrhotite. Rare 1 cm wide wispy biotite band. 1% epidote patches up to 4 cm wide. Numerous sections of 1-5 cm wide banded light green/dark green flow material. H 3-4, M.S. 0.35. 195.50 196.00 3-5% py laminations in chlorite rich matrix, 60 deg to C.A. 201.55 201.85 Broken blocky core, moderately sheared 60 to C.A. 206.00 207.30 3-5% dis py, 1mm grains and cubes. 207.30 208.25 Light brown fine grained intermediate dyke, 30 to C.A. 215.60 218.45 Light green coarse grained massive flow section, gradational upper and lower contacts.							
229.80	238.85	MAFIC INTRUSION Dark green to black massive medium to coarse grained mafic intrusion or massive flow. High amphibole content. Gradational upper contact weakly foliated 60 deg to C.A. H 3-4, MS 0.35.							
238.85	292.94	MAFIC VOLCANIC FLOW Dark-light green, moderately foliated, fine grained. 1-3% scattered white qtz veins up to 3 cm wide. Veins parallel to foliation, 65 to C.A. Sharp upper contact 65 to C.A. 1-2% dis pyrite, tr pyhrrotite. Rare 1 cm wide wispy biotite band. 1% epidote patches and bands up to 4 cm wide. H 3-4, M.S. 0.35. 244.50 244.67 7-10% py along flow contact. 250.50 250.70 Soft chloritic fault gouge 60 to C.A. 257.65 259.57 Lamprophyre Dyke, sharp upper and lower contacts 45 deg to C.A. 266.70 268.30 Grey-purple siliceous biotite rich interbed, sharp upper and lower contacts 60 to C.A. Well bedded. 269.20 274.70 Grey-green siliceous biotite interbed, well bedded to laminated 65 to C.A. Sharp upper	35511	284.5	285.5	1.0	tr	24	35

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
		and lower contacts.							
		280.55 282.00 Grey-purple siliceous biotite rich interbed. Well bedded 65 deg to C.A. Tr py.							
		284.70 285.92 50% white qtz veins 60 to C.A.tr-1% py.							
		287.00 292.94 50% purple-grey biotite siliceous interbeds. Strongly bedded with 1-3% pyrite laminations up to 3mm wide.							
292.94	296.00	INTERMEDIATE DYKE							
		Light grey, medium grained massive crystalline texture. Tr-1% dis py. Sharp upper contact 70 to C.A. 35-45% 1-3mm feldspar phenocrysts. H>5, MS 0.06.							
		E.O.H.							
		Casing Left in Hole.							
		Core Store at Obradovich Exploration Office, Kirkland Lake.							

KLONDIKE GOLD CORP.

DRILL HOLE RECORD

Drill Hole: LL-97-2

Northing: 1600
Easting: 6000
Elevation: 1000

*** Dip Tests ***
Depth Azi. Dip

Easting: 6+00 E
Northing: L 16+00 N
Property: Latimer Lake Project
Drilled by: Lafreniere Drilling
Core Size: BQ
Date Started: Sept 26,1997
Completed: Sept 27,1997
Claim: 1132801

Collar Azi.: 270
Collar Dip: -45

Hole Length: 185
Logged by: Todd Keast
Purpose: Test coincident HLEM and Geochem Anomaly.

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
.00	7.00	CASING							
7.00	102.04	MAFIC VOLCANIC FLOW							
		Dark green light green mafic flows. Dark green, medium grained, weakly foliated strongly banded/badded 45-55 deg to C.A. Wispy light green to grey 2cm wide bands, 45 deg to C.A. Rare wispy 1cm wide biotite rich bands Tr-1% disseminated pyrite, 1mm grains. Tr-1% 1mm wide qtz veins parallel to foliation. H 3-4, M.S. 0.35.	35512	48.0	49.0	1.0	tr	139	1270
			35513	68.9	69.6	.7	tr	126	20
			35514	92.5	93.5	1.0	tr	195	24
			35515	93.5	94.5	1.0	tr	166	89
			35516	94.5	95.5	1.0	4	73	138
			35517	96.5	97.5	1.0	4	202	316
			35518	97.5	98.5	1.0	1	36	108
			35519	98.5	99.5	1.0	2	44	122
			35520	99.5	100.5	1.0	2	42	70
		13.50 13.85 Broken blocky core.							
		26.85 27.10 Grey to purple siliceous interbed 45 deg to C.A. 1-3% 3mm corroded garnet, Sharp upper and lower contacts.							
		30.05 38.80 Massive mafic flow, gradational upper contact, sharp lower contact 45 deg to C.A. MS 0.25.							
		44.08 45.94 Mafic Dyke. Light green medium grained amphibole rich dyke. Sharp upper contact 45 deg to C.A.							
		46.94 46.15 Grey-green cherty interbed, 55 to C.A., tr-1% py.							
		47.80 49.50 Grey-purple siliceous interbed. Well bedded 45 to C.A. Moderate fine grained biotite. Tr-1% py. H>5 MS 5.0.							
		51.37 51.57 Red-orange K-feldspar rich dyke, sharp contacts 80 to C.A.							
		56.50 56.90 Soft chloritic fault gouge, 30 deg to C.A.							
		56.90 58.95 Puple-grey siliceous interbed, sharp lower contact 70 to C.A. H>6 MS 1.0, possible dyke.							
		60.00 60.30 10-15% 1-4mm corroded garnets, weakly banded, chloritic matrix. H>5 MS 7.0.							
		61.37 61.90 5-10% 1-3mm corroded garnets, weakly banded, chloritic matrix. H>5 MS 5.0.							
		68.90 69.60 10-15% wht qtz veins 80 to C.A. 3-5% py.							

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
		70.50 84.55 Massive flow section, possible intrusion, gradational contacts, MS 0.30.							
		85.00 88.30 10-15% purple-grey siliceous biotite interbeds 4 cm wide, 55 deg to C.A.							
		92.50 94.35 20-25% epidote alteration in bands, 3-5% py, 1-2% qtz-carb veins.							
		96.50 101.75 Grey-purple siliceous biotite interbeds up to 4 cm wide. 1-3% py. 1-2% 1mm fractures, 1% white qtz veins. H>5 MS 0.75.							
102.04	114.56	MAFIC INTRUSION Dark green to black, massive medium to coarse grained mafic intrusion or massive flow. High amphibole content, knotted texture. Sharp upper contact 55 to C.A. H 3-4, MS 0.35.							
114.56	142.35	MAFIC VOLCANIC FLOW Dark-light green, moderately foliated, fine grained. Well banded with 7-10% light grey epidote-sericite rich 1-2cm wide bands 60 to C.A. 1-3% scattered white qtz veins up to 3 cm wide. Veins parallel to foliation, 65 to C.A. Sharp upper contact 75 to C.A. 1-2% dis pyrite, tr pyrrhotite. Rare 1 cm wide wispy biotite band. 1% epidote patches and bands up to 4 cm wide. H 3-4, M.S. Variable 0.35 1.25. 138.50 138.70 5-7% dis py.	35521	138.5	139.0	.5	1	116	19
142.35	152.15	BIOTITE-RICH LAPILLI TUFF Brown-purple, medium grained matrix with 3-5% felsic qtz rich clasts? up to 3 cm long. Sharp upper contact, blocky core. Weak to moderate foliation 45 to C.A. Strong fine grained biotite content >60% in matrix. 1-2% dis py. H 4. MS 0.32-1.05.	35522	150.0	151.0	1.0	tr	33	105
152.15	155.95	MAFIC VOLCANIC FLOW Dark green, fine grained weakly foliated 60 to C.A., sharp upper contact 75 to C.A. 3-5% biotite epidote rich bands up to 5 cm wide. 1-3% py, 1-3% po in 3mm laminations, 1-2% qtz veins in upper 5 cm. H 4-5 MS 2.5-7.0.							
155.95	165.50	IRON FORMATION Grey to black strongly bedded 55 to C.A. Sulphide facies iron formation. Strong sulphide content, 7-10% py, 15-20% po in narrow beds and laminations up to 5 cm. Tr. Fine sphalerite. Grey siliceous interbeds up to 3 cm wide. Strong conductive sections up to 6 cm wide in semi-massive sulphide sections. H>5 MS 2.0-650.	35523	155.9	157.0	1.1	28	200	107
			35524	157.0	158.0	1.0	8	47	151
			35525	158.0	159.0	1.0	8	162	76
			35526	159.0	160.0	1.0	8	156	101
			35527	160.0	161.0	1.0	6	110	665
			35528	161.0	162.0	1.0	7	117	172
			35529	162.0	163.0	1.0	7	183	42

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU - PPB	CU PPM	ZN PPM
		156.20-156.32 50-60% Po+py, stong conductor.	35530	163.0	164.0	1.0	9	168	628
			35531	164.0	164.8	.8	13	155	813
		163.90 164.10 50-60% po+py, strong conductor.	35532	164.8	165.5	.8	5	308	1580
165.50	185.00	INTERMEDIATE VOLCANIC FLOW							
		Purple-brown to green fine grained weakly foliated 60 to C.A. Strong biotite content, 10-15% in matrix with scattered biotite rich bands. Weak to moderate banding up to 5 cm wide, parallel to foliation. 1-3% white qtz veins. M >5 MS 0.32.							
		178.30 178.80 Purple to grey bedded cherty section.							
		E.O.H.							
		Casing Left in Hole.							
		Core Store at Obradovich Exploration Office, Kirkland Lake.							

KLONDIKE GOLD CORP.

DRILL HOLE RECORD

Northing: 1200
Easting: 640
Elevation: 1000

Collar Azi.: 270
Collar Dip: -45

Hole Length: 140
Logged by: Todd Keast
Purpose: Test coincident HLEM and Geochem Anomaly.

*** Dip Tests ***

Depth	Azi.	Dip
140	266	-41

Drill Hole: LL-97-3

Easting: L 12+00 N
Northing: 6+40 E
Property: Latimer Lake Project
Drilled by: Lafreniere Drilling
Core Size: BQ
Date Started: Sept 27,1997
Completed: Sept 29,1997
Claim: 1132806

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
.00	6.00	CASING							
6.00	48.00	MAFIC VOLCANIC FLOW Dark green-light green massive mafic flows. Dark medium grained, weakly foliated strongly banded 60 deg to C.A. Rare wispy 1cm wide biotite rich bands. Coarse grained crystalline section, massive flow section. Tr-1% disseminated pyrite, 1mm grains. Tr-1% 1mm wide qtz veins parallel to foliation. H 3-4, M.S. 0.35. 21.40 21.60 Broken blocky core, flow contact. 25.00 27.30 Well bedded section of light green and brown biotite beds up to 3cm wide. 28.40 28.50 5-7% dis py in chloritic interbed. 31.00 32.63 Purle-grey siliceous interbed, 65 to C.A. 5-7% py. 39.20 44.70 Coarse grained amphibole rich section, massive flow or dyke.	35633	31.0	32.0	1.0	2	179	460
48.00	62.70	MAFIC INTRUSION Dark black fine-medium grained, massive crystalline texture. Sharp upper contact 35 deg to C.A. H>5 MS 25.0. Chilled upper and lower contacts.							
62.70	77.80	AMPHIBOLE-RICH DYKE Dark green weakly foliated 55 to C.A. Coarse grained amphibole rich knotted texture. Possible massive flow or intrusion. Rare 1 cm wide qtz vein. H 4-5, MS 0.35.							
77.80	129.25	MAFIC VOLCANIC FLOW Dark-light green, moderately foliated, fine grained. Well banded with 7-10% light grey epidote-sericite rich 1-2cm wide bands 60 to C.A. 1-3% scattered white qtz veins up to 3 cm wide.	35634	116.5	117.0	.5	2	256	816

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
		Veins parallel to foliation, 65 to C.A. Sharp upper contact 65 to C.A. 1-2% dis pyrite. Rare 1 cm wide wispy biotite bands. 1% epidote patches and bands up to 4 cm wide. H 3-4, M.S. Variable 0.40.							
		84.60 85.00 Broken blocky core.							
		103.56 104.15 Lamprophyre Dyke 30 deg to C.A.							
		116.47 117.00 5-7% pyrite in 1-4mm wide laminations.							
		120.67 120.80 3-5% py in 1-4mm wide laminations.							
129.25	132.00	IRON FORMATION							
		Fine grained grey to black, strongly bedded, 60 to C.A., beds up to 3cm wide. 10-15% po, local bands up to 40% po. 10-15% py, tr cpy, tr sph. Stronly conductive over 5 cm widths. H>5 MS 55.0.	35636	129.5	130.0	.5	5	654	1610
			35636	130.0	131.0	1.0	9	680	232
			35637	131.0	132.0	1.0	4	778	141
132.00	140.00	INTERMEDIATE VOLCANIC FLOW							
		Light grey to black, well bedded 65 to C.A. 132 134.75 light yellow qtz sericite rich section. 7-10% biotite rich bands up to 5 cm wide. Tr diss py. H>5 MS 0.25.	35638	132.0	133.0	1.0	2	18	14
		E.O.H.							
		Casing Left in Hole.							
		Core Store at Obradovich Exploration Office, Kirkland Lake.							

KLONDIKE GOLD CORP.

DRILL HOLE RECORD

Northing: 600
Easting: 825
Elevation: 1000

Collar Azi.: 270
Collar Dip: -45

Hole Length: 236
Logged by: Todd Keast
Purpose: Test coincident HLEM and Geochem Anomaly.

*** Dip Tests ***

Depth	Azi.	Dip
236	270	-41

Drill Hole: LL-97-4

Easting: L 6+00 N
Northing: 8+25 E
Property: Latimer Lake Project
Drilled by: Lafreniere Drilling
Core Size: BQ
Date Started: Sept 29,1997
Completed: Sept 30,1997
Claim: 1229670

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
.00	5.00	CASING							
5.00	6.90	MAFIC VOLCANIC FLOW Dark green-light green massive mafic flows. Medium grained, weakly foliated 60 deg to C.A. Tr-1% disseminated pyrite, 1mm grains. Tr-1% 1mm wide qtz veins parallel to foliation. H 3-4, M.S. 0.36.							
6.90	19.80	AMPHIBOLE-RICH DYKE Dark green, coarse grained massive-knotted amphibole rich intrusion or flow. Amphibole knotts up to 7 mm. Weakly foliated 55 to C.A. Sharp chilled upper contact 55 to C.A. H 5 MS 0.35.							
19.80	47.05	MAFIC VOLCANIC FLOW Dark-light green, moderately foliated, fine grained. Weakly banded 65 to C.A. 1-3% scattered white qtz veins up to 1 cm wide. Veins parallel to foliation, 65 to C.A. Sharp upper contact 65 to C.A. 1-2% dis pyrite. Weak porphyritic sections with 3-6% creamy white feldspar phenocrysts, 1-4mm ovoid. Weak scattered epidote patches up to 5 cm wide. H 3-4, M.S. Variable 0.40. 19.80 20.12 White cherty interbed 70 deg to C.A. Tr py. 22.40 24.10 Chlorite-secite rich sections moderate foliation. Tr py. 28.37 29.40 Moderate chlorite-sericite alteration tr py 60 to C.A. 32.40 35.60 Fault breccia and gouge, 30 to C.A. Tr qtz veins, tr py.	35539 35540 35541	22.5 28.4 32.6	23.5 29.4 33.5	1.0 1.0 1.0	3 7 3	48 20 65	181 191 29
47.05	49.90	MAFIC INTRUSION Dark green, medium grained weakly foliated 60 to C.A. Crystalline texture, sharp upper contact 50 to C.A.							

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
		Tr py. H>5 MS 0.32.							
49.90	71.80	MAFIC VOLCANIC FLOW							
		Dark-light green, moderately foliated, fine grained. Weakly banded 65 to C.A. 1-3% scattered white qtz veins up to 1 cm wide. Veins parallel to foliation. Sharp upper contact 65 to C.A. 1-2% dis pyrite. Weak scattered epidote patches and bands up to 5 cm wide. H 3-4, M.S. Variable 0.40.	35542	60.0	60.5	.5	3	142	58
			35543	64.0	64.5	.5	2	387	2960
			35544	68.5	69.5	1.0	2	161	242
		60.25 60.50 Grey cherty interbed 65 to C.A. Tr Cpy.							
		64.00 64.52 Grey cherty interbed, 7-10% dis py and weak laminations.							
		68.60 70.60 3-5% laminated py, chert bands.							
71.80	76.80	SILICIFIED FAULT GOUGE							
		Dark grey fine grained silicified, highly brecciated. Sharp upper slip plane contact 25 to C.A. 3-5% Dis py. Soft chloritic fault gouge up to 5 cm wide. H>5 MS 0.14.	35545	71.0	73.0	1.2	4	66	200
			35546	73.0	74.0	1.0	3	7	423
			35547	74.0	75.0	1.0	4	3	71
			35548	75.0	76.0	1.0	77	11	214
			35549	76.0	77.0	1.0	6	6	2320
76.80	98.40	MAFIC VOLCANIC FLOW							
		Dark green fine grained weakly foliated 55 to C.A. Massive mafic flows with narrow siliceous grey interbeds. 1-2% Dis py, 1-2% white qtz veins up to 2 cm wide. H 4-5 MS 0.35.							
		82.10-82.25 Broken blocky core.							
98.40	106.45	AMPHIBOLE-RICH DYKE							
		Dark green, coarse grained massive-knotted amphibole rich intrusion or flow. Amphibole knotts up to 7 mm. Weakly foliated 55 to C.A. Sharp chilled upper contact 55 to C.A. H 6 MS 0.35.							
106.45	119.00	MAFIC VOLCANIC FLOW							
		Dark green fine grained weakly foliated 55 to C.A. Massive mafic flows with narrow siliceous grey interbeds. 1-2% dis py, 1-2% white qtz veins up to 2 cm wide. H 4-5 MS 0.35.	35550	109.6	110.6	1.0	4	97	335
		109.60 110.80 Grey-purple siliceous section, well bedded, 3-5% py.							
119.00	125.00	AMPHIBOLE-RICH DYKE							
		Dark green, coarse grained massive-knotted amphibole rich intrusion or flow. Amphibole knotts up to 7							

From (m)	To (m)	Geology	Smple	From (m)	To (m)	Lng (m)	AU PPB	CU PPM	ZN PPM
		mm. Weakly foliated 55 to C.A. Sharp chilled upper contact 55 to C.A. H 5 MS 0.35.							
125.00	131.40	MAFIC VOLCANIC FLOW Dark green fine grained weakly foliated 55 to C.A. Massive mafic flows with narrow siliceous grey interbeds. 1-2% dis py, 1-2% white qtz veins up to 2 cm wide. H 4-5 MS 0.35.							
131.40	137.60	AMPHIBOLE-RICH DYKE Dark green, coarse grained massive-knotty amphibole rich intrusion or flow. Amphibole knotts up to 7 mm. Weakly foliated 55 to C.A. Sharp chilled upper contact 55 to C.A. H 5 MS 0.35.							
137.60	165.40	MAFIC VOLCANIC FLOW Dark green fine grained weakly foliated 55 to C.A. Massive mafic flows with narrow siliceous grey interbeds. 1-2% dis py, 1-2% white qtz veins up to 2 cm wide. H 4-5 MS 0.35.							
165.40	201.75	BIOTITE-RICH LAPILLI TUFF Dark grey to green, medium grained, well banded intermediate volcanics. Weak foliation 55 to C.A. Distinct brown biotite rich bands/beds up to 3 cm wide. Local volcaniclastic sections, fragments up to 4 mm, angular. Lapilli clast size increases downhole up to 3 cm, rounded. H 4-5, MS 0.35.	35551	197.0	198.0	1.0	3	34	57
201.75	205.36	IRON FORMATION Dark grey, fine grained, well bedded magnetite, pyrite, pyrrhotite iron formation. Well bedded 65 to C.A. Tr dis chalcopyrite. Strong conductor over 5 cm core lengths. H4-5 MS 550. Overall 25-30 mg, 10-15% po 5-7% py tr-1% cpy.	35552 35553 35554 35555	201.8 202.5 203.5 204.5	202.5 203.5 204.5 205.4	.8 1.0 1.0 .9	2 2 4 2	86 337 935 746	140 239 233 295
205.36	236.00	MAFIC VOLCANIC FLOW Dark green medium grained, weakly foliated 70 deg to C.A. Massive flow, weak crystalline texture. H 4-5, MS 0.32. 208.20 208.50 White qtz vein 3-5% py. E.O.H. Casing Left in Hole. Core Store at Obradovich Exploration Office, Kirkland Lake.	35556	208.0	208.5	.5	2	15	61

View North

L 18+00 N

3+00E

4+00E

5+00E

6+00E

HLEM

LL-97-1

-45°

Casing

Mafic Volcanic Flow

Chlorite Biotite Schist

Mafic Volcanic Flow

Mafic Intrusion

Mafic Volcanic Flow

Talcose Mafic Volcanic Flow

Mafic Volcanic Flow

Intermediate Volcanic Flow

Iron Formation

Intermediate Dyke

Intermediate Volcanic Flow

Mafic Volcanic Flow

Mafic Intrusion

Mafic Volcanic Flow

Intermediate Dyke

EOH 296.0

0 10m 20m 30m 40m

Klondike Gold Corp

Latimer Lake Project

DDH

LL-97-01

Scale 1:1000 1cm = 10 m

View North

L 16+00N

3+00E

4+00E

5+00E

6+00E

7+00E

HLEM

LL-97-02

-45°

CASING

Mafic Volcanic Flow

Mafic Intrusion

Mafic Volcanic Flow

Biotite-Rich Lapilli Tuff

Mafic Volcanic Flow

Iron Formation

Intermediate Volcanic Flow

EOH 185.0

0 10m 20m 30m 40m

Klondike Gold Corp.
Latimer Lake Project DDH LL-97-02
Scale 1:1000 1cm = 10m

View North

L 12+00N

4+00 E

5+00 E

HLEM

6+00 E

6+40 E

6+50 E

LL-97-03

-45°

CASING

Mafic Volcanic Flow

Mafic Intrusion

Amphibole Rich Dyke

Mafic Volcanic Flow

EOH 140.0

Iron Formation

Intermediate Volcanic Flow

0 10m 20m 30m 40m

Klondike Gold Corp.

Latimer Lake Project

DDH

LL-97-03

Scale 1:1000 1cm = 10m

View North

L 6+00 N

6+00 E

7+00 E

8+00 E

8+25 E

HLEM

HLEM

HLEM

HLEM

LL-97-04

-45°

CASING

Mafic Volcanic Flow

Amphibole Rich Dyke

Mafic Volcanic Flow

Mafic Intrusion

Mafic Volcanic Flow

Silicified Fault Gouge

Mafic Volcanic Flow

Amphibole Rich Dyke

Mafic Volcanic Flow

Amphibole Rich Dyke

Mafic Volcanic Flow

?

Biotite-Rich Lapilli Tuff?

Iron Formation

Mafic Volcanic Flow

EOH 236.0

0 10m 20m 30m 40m

Klondike Gold Corp.

Latimer Lake Project

DDH
LL-97-04

Scale 1:1000 1cm = 10 m

Latimer

XRAL

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UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
129 AVE. RÉAL CAOUETTE • C.P. 2283 • ROUYN-NORANDA • QUÉBEC J9X 5A9
TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R13172

Nom de la Compagnie/Company: Obradovich Exploration
Bon de Commande No/ P.O. No:
Projet/ Project No :
Date Soumis/ Submitted : Oct 09, 1997 Oct 16, 1997
Attention : Tom Obradovich

No. D'Echantillon Sample No.	AU PPB	AU CHK PPB
35501	<1	
35502	<1	2
35503	<1	
35504	<1	
35505	<1	
35506	<1	
35507	<1	
35508	2	
35509	1	
35510	<1	
35511	<1	
35512	<1	
35513	<1	
35514	<1	
35515	<1	
35516	4	4
35517	4	
35518	1	
35519	2	
35520	2	
35521	1	
35522	<1	
35523	28	32
35524	8	
35525	8	
35526	8	
35527	6	
35528	7	
35529	7	
35530	9	
35531	13	
35532	5	3
35533	1	
35534	2	
35535	5	
35536	9	
35537	4	
35538	2	
35539	3	

Certifie par / Certified by : _____

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CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

R13172

Nom de la Compagnie/Company: Obradovich Exploration
Bon de Commande No/ P.O. No:
Projet/ Project No :
Date Soumis/ Submitted : Oct 09, 1997 Oct 1 , 1997
Attention : Tom Obradovich

No. D'Echantillon Sample No.	AU PPB	AU CHK PPB
35540	7	
35541	3	4
35542	3	
35543	2	
35544	2	
35545	4	
35546	3	
35547	4	
35548	77	
35549	6	
35550	4	
35551	3	
35552	2	
35553	2	
35554	4	2
35555	2	
35556	2	
35557	10	
35558	4	

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TÉL.: (819) 764-9108 FAX: (819) 764-4673

Latimer Lake

your ref: our ref: 17889/R13172

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE 31-Oct-97

OBRADOVICH EXPLORATION
BOX 1146
KIRKLAND LAKE, ONTARIO
P2N 3M7

ATTENTION: TOM OBRADOVICH

Date Soumis/Submitted: October 09, 1997

No. of samples: 58 No. of pages: 13

ELEMENTS	METHOD	DETECTION LIMIT
WRMAJ %	XRF-F	0.01
WRMIN PPM	XRF-7	2.
BA PPM	XRF-7	20.
31 element scan	ICP	

Certifié par/Certified by:

J.J. Landers Gérant/Manager

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 017889 **Date:** 31/10/97 **FINAL**

Element.	SiO2	Al2O3	CaO	MgO	Na2O	K2O	Fe2O3	MnO	TiO2	P2O5	Cr2O3	LOI	Sum	Rb
Method.	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF7
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	2
Units.	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm
35501	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35502	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35503	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35504	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35505	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35506	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35507	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35508	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35509	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35510	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35511	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35512	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35513	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35514	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35515	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35516	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35517	59.4	15.2	8.46	2.28	2.95	1.23	7.52	0.13	0.549	0.12	0.02	1.15	98.9	32
35518	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35519	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35520	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35521	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35522	62.3	14.2	6.29	2.91	0.84	2.75	8.50	0.10	0.566	0.15	0.03	1.40	100.1	66
35523	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35524	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35525	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35526	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35527	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35528	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35529	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35530	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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A Division of SGS Canada Inc.

Work Order: 017889 Date: 31/10/97 **FINAL**

Element.	SiO2	Al2O3	CaO	MgO	Na2O	K2O	Fe2O3	MnO	TiO2	P2O5	Cr2O3	LOI	Sum	Rb
Method.	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF72
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	ppm
Units.	%	%	%	%	%	%	%	%	%	%	%	%	%	
35531	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35532	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35533	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35534	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35535	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35536	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35537	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35538	66.4	16.3	7.44	0.38	3.71	0.73	3.11	0.01	0.545	0.16	0.03	0.50	99.7	19
35539	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35540	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35541	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35542	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35543	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35544	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35545	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35546	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35547	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35548	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35549	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35550	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35551	58.2	14.6	7.38	4.69	3.56	1.05	7.62	0.12	0.654	0.24	0.05	1.00	99.1	29
35552	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35553	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35554	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35555	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35556	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35557	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
35558	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Dup 35501	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Dup 35513	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element.	SiO2	Al2O3	CaO	MgO	Na2O	K2O	Fe2O3	MnO	TiO2	P2O5	Cr2O3	LOI	Sum	Rb
Method.	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF100	XRF72
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	ppm
Units.	%	%	%	%	%	%	%	%	%	%	%	%	%	
*Dup 35525	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Dup 35537	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Dup 35549	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element.	Sr	Y	Zr	Nb	Ba	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
Method.	XRF7	XRF7	XRF7	XRF7	XRF7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	2	2	3	2	20	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units.	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	%
35501	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.71	0.88	0.02	0.03	1.11	3.5	0.10
35502	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	1.25	1.45	0.03	0.27	0.69	4.6	0.10
35503	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	1.01	1.10	0.03	0.27	1.24	2.3	0.10
35504	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	1.35	1.00	0.01	0.05	0.56	2.9	0.06
35505	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	0.82	1.33	0.03	0.03	1.88	6.1	0.11
35506	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.42	0.67	0.03	0.02	3.68	3.3	0.09
35507	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	1.17	1.38	0.05	0.12	0.54	3.7	0.08
35508	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.51	0.62	0.06	0.17	0.25	<0.5	0.03
35509	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.07	1.05	1.25	0.04	0.20	0.67	3.7	0.12
35510	N.A.	N.A.	N.A.	N.A.	N.A.	0.7	0.05	0.75	1.04	0.05	0.24	0.37	1.0	0.06
35511	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.77	0.84	0.05	0.40	0.78	2.2	0.09
35512	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	0.76	1.06	0.05	0.35	0.51	1.8	0.05
35513	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	0.97	0.93	0.02	0.09	1.98	1.7	0.10
35514	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.63	0.45	0.02	0.02	5.24	3.1	0.07
35515	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.53	0.74	0.04	0.11	1.17	1.8	0.10
35516	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.74	0.99	0.04	0.34	0.95	1.9	0.12
35517	292	11	115	3	278	<0.5	0.06	0.60	0.95	0.05	0.29	1.79	2.7	0.11
35518	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.74	1.08	0.06	0.39	0.87	2.1	0.15
35519	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.50	0.76	0.06	0.29	0.67	2.8	0.11
35520	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.07	0.66	0.95	0.05	0.30	0.58	2.0	0.12
35521	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.08	0.59	0.52	0.03	0.03	0.77	3.2	0.12
35522	111	11	107	4	485	<0.5	0.06	1.51	2.29	0.06	1.56	0.54	0.7	0.21
35523	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.37	0.50	0.04	0.25	0.83	<0.5	0.07
35524	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	0.19	0.27	0.05	0.13	0.45	<0.5	0.03
35525	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.09	0.12	0.05	0.05	0.32	<0.5	<0.01
35526	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	0.23	0.31	0.06	0.05	0.57	0.5	0.04
35527	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.07	0.15	0.06	0.06	1.71	<0.5	0.02
35528	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.07	0.82	1.08	0.05	0.05	0.98	3.9	0.09
35529	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.06	0.16	0.06	0.03	2.54	<0.5	0.02
35530	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.08	0.41	0.70	0.04	0.04	1.63	3.2	0.08

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Element.	Sr	Y	Zr	Nb	Ba	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
Method.	XRF7	XRF7	XRF7	XRF7	XRF7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	2	2	3	2	20	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units.	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	%
35531	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.16	0.40	0.06	0.05	2.91	<0.5	0.02
35532	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.25	0.86	0.05	0.15	0.64	1.5	0.05
35533	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.87	0.98	0.12	0.15	1.53	3.6	0.11
35534	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	1.17	1.38	0.04	0.26	0.50	4.4	0.13
35535	N.A.	N.A.	N.A.	N.A.	N.A.	0.6	0.03	0.20	0.51	0.04	0.03	0.82	<0.5	0.01
35536	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.11	0.30	0.04	0.02	0.60	<0.5	<0.01
35537	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.22	0.68	0.05	0.17	0.77	<0.5	0.04
35538	144	6	110	5	145	<0.5	0.07	0.11	0.61	0.07	0.08	0.83	1.0	0.05
35539	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.85	1.11	0.03	0.10	0.15	0.9	0.02
35540	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	1.53	1.59	0.03	0.02	0.45	6.0	0.12
35541	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	1.63	1.53	0.02	0.06	1.09	4.2	0.11
35542	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	1.36	1.37	0.02	0.03	0.59	3.6	0.10
35543	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	1.01	1.37	0.02	0.09	0.33	4.0	0.10
35544	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.95	0.98	0.03	0.06	0.98	2.2	0.08
35545	N.A.	N.A.	N.A.	N.A.	N.A.	0.8	0.05	3.00	2.13	0.16	0.02	0.87	3.2	0.10
35546	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	3.04	2.09	0.18	0.02	0.56	3.6	0.12
35547	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	3.44	2.33	0.13	0.02	0.49	5.2	0.13
35548	N.A.	N.A.	N.A.	N.A.	N.A.	1.7	0.04	4.57	3.11	0.07	0.02	0.43	8.8	0.14
35549	N.A.	N.A.	N.A.	N.A.	N.A.	0.8	0.05	4.61	3.11	0.13	0.01	0.84	3.9	0.10
35550	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.98	1.08	0.06	0.32	0.48	2.7	0.14
35551	640	13	149	6	526	<0.5	0.06	1.27	1.20	0.10	0.50	0.80	1.3	0.14
35552	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	1.74	1.79	0.05	0.54	0.56	3.4	0.14
35553	N.A.	N.A.	N.A.	N.A.	N.A.	0.8	0.05	0.55	0.64	0.04	0.05	0.36	<0.5	0.05
35554	N.A.	N.A.	N.A.	N.A.	N.A.	0.5	0.02	0.93	1.31	0.05	0.13	0.14	2.1	0.05
35555	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.80	1.01	0.04	0.15	0.15	1.2	0.04
35556	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.05	0.33	0.38	0.01	0.02	0.62	2.2	0.06
35557	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	1.54	1.64	0.06	0.06	0.18	6.1	0.08
35558	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	1.85	1.92	0.38	0.03	1.16	2.1	0.07
*Dup 35501	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.06	0.71	0.88	0.02	0.03	1.10	3.4	0.10
*Dup 35513	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.04	0.96	0.91	0.02	0.09	1.93	1.6	0.10

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Element.	Sr	Y	Zr	Nb	Ba	Be	Na	Mg	Al	P	K	Ca	Sc	Tl
Method.	XRF7	XRF7	XRF7	XRF7	XRF7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	2	2	3	2	20	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
Units.	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	ppm	%
*Dup 35525	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.02	0.09	0.12	0.05	0.05	0.31	<0.5	<0.01
*Dup 35537	N.A.	N.A.	N.A.	N.A.	N.A.	<0.5	0.03	0.22	0.69	0.05	0.17	0.79	<0.5	0.04
*Dup 35549	N.A.	N.A.	N.A.	N.A.	N.A.	0.7	0.05	4.55	3.07	0.13	0.01	0.82	3.8	0.10

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Element.	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2
Units.	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
35501	41	81	261	2.50	24	32	178	13.1	<3	6.0	2.7	1.4	3	0.3
35502	61	139	269	2.71	17	39	74.8	117	<3	4.8	4.2	2.1	5	<0.2
35503	41	119	453	4.67	20	55	174	595	<3	10.6	2.7	3.4	10	0.5
35504	44	227	549	2.66	8	54	60.4	49.6	<3	13.8	2.7	3.2	12	<0.2
35505	95	86	896	9.50	59	44	464	93.9	<3	9.8	3.1	2.6	5	1.8
35506	52	83	391	5.94	54	38	335	15.2	<3	15.3	3.3	1.9	9	0.5
35507	81	77	432	10.0	26	20	254	549	<3	6.7	4.1	2.5	6	0.9
35508	52	99	451	14.0	35	27	414	1280	<3	7.3	3.5	4.3	7	1.9
35509	77	100	377	6.26	15	34	150	219	<3	5.8	2.9	1.0	5	0.6
35510	78	108	426	12.3	13	24	277	645	<3	9.6	3.5	4.0	5	0.9
35511	31	131	171	1.99	8	39	24.0	35.2	<3	17.6	2.8	3.6	6	<0.2
35512	28	78	291	3.18	30	27	139	1270	<3	8.5	5.5	6.8	7	0.3
35513	34	151	218	1.74	14	29	126	20.2	<3	19.4	2.1	0.6	8	0.2
35514	34	85	400	2.65	23	56	195	24.2	<3	16.5	2.7	2.3	4	<0.2
35515	37	85	462	4.05	20	34	166	89.8	<3	13.1	1.9	1.8	5	0.2
35516	42	112	312	2.44	15	17	73.2	138	<3	9.6	3.0	1.7	7	0.2
35517	42	73	429	2.91	26	22	202	316	<3	16.4	3.5	2.3	5	0.3
35518	43	93	355	2.04	12	24	35.4	108	<3	17.2	4.2	3.3	5	<0.2
35519	30	101	233	1.49	11	17	44.0	122	<3	16.4	5.4	6.5	6	<0.2
35520	41	85	194	1.77	12	16	42.3	70.7	<3	13.6	3.6	2.8	4	<0.2
35521	37	74	191	1.74	21	21	116	19.3	<3	8.2	2.4	1.4	4	<0.2
35522	52	91	459	4.06	16	21	33.0	105	<3	12.4	5.3	1.6	8	0.4
35523	43	99	218	8.91	17	26	200	107	<3	8.8	1.8	4.5	7	0.8
35524	34	79	200	9.48	4	10	47.4	151	<3	6.2	2.0	3.6	18	0.4
35525	33	106	220	10.8	5	10	162	76.2	<3	4.0	2.2	1.8	10	0.5
35526	48	77	306	10.8	17	19	156	101	<3	8.3	2.5	2.0	9	0.8
35527	40	78	286	11.0	26	11	110	665	<3	12.4	2.9	2.0	5	0.6
35528	71	68	289	6.36	21	16	117	172	<3	7.4	3.7	1.4	5	0.4
35529	46	81	497	11.8	40	17	183	412	<3	13.4	2.9	2.6	8	0.7
35530	55	67	262	7.35	22	21	168	628	<3	7.6	3.3	1.7	5	0.6

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Element.	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2
Units.	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
35531	40	91	346	11.6	27	19	155	813	<3	9.9	3.0	2.7	7	1.0
35532	46	123	273	8.27	15	31	308	1580	<3	5.5	2.8	4.3	8	0.9
35533	62	116	426	3.45	34	29	179	450	<3	28.9	4.1	7.2	4	0.3
35534	79	72	312	6.30	46	36	256	816	<3	3.7	3.7	1.9	4	0.5
35535	53	111	208	15.1	42	46	654	1510	<3	3.5	2.5	4.3	9	1.2
35536	52	93	117	15.1	45	40	680	332	<3	3.2	2.3	3.4	10	1.4
35537	46	107	188	12.3	49	38	778	141	<3	3.9	2.3	2.8	20	1.0
35538	12	118	42	1.00	6	28	18.4	14.6	<3	10.6	1.5	3.0	9	<0.2
35539	18	86	160	1.96	9	16	48.1	181	<3	4.4	3.8	6.2	7	0.2
35540	67	83	342	3.14	10	22	20.5	191	<3	3.1	4.5	5.3	6	0.5
35541	58	86	356	2.21	12	21	65.3	29.7	<3	8.8	3.2	1.4	3	<0.2
35542	53	316	412	2.92	24	102	142	58.2	<3	9.3	5.1	1.6	6	<0.2
35543	64	224	448	6.39	32	132	387	2960	<3	7.0	2.5	2.1	8	0.6
35544	42	187	353	3.79	23	104	161	241	<3	10.3	2.7	1.9	5	0.4
35545	89	163	416	4.61	22	61	55.4	200	<3	12.0	6.3	17.2	5	0.3
35546	97	91	413	4.48	25	43	7.0	423	<3	9.8	4.6	19.3	2	0.2
35547	124	56	460	4.82	23	35	3.6	71.6	<3	7.4	4.9	9.3	2	0.2
35548	146	137	616	6.41	27	72	11.5	214	<3	9.3	11.1	6.1	54	1.2
35549	144	234	640	6.46	30	83	6.9	2320	<3	9.1	6.0	11.1	20	1.6
35550	53	98	321	2.89	25	50	97.6	335	<3	8.1	3.3	2.7	6	0.3
35551	50	146	319	2.30	15	31	34.2	57.8	<3	27.2	3.1	6.9	4	<0.2
35552	88	92	471	8.47	13	18	86.7	140	<3	4.3	3.4	1.9	4	0.2
35553	215	48	256	17.2	70	19	337	239	<3	2.3	1.7	3.9	<1	0.9
35554	69	87	267	15.3	52	41	935	233	<3	2.1	3.4	3.4	8	1.3
35555	55	86	246	14.3	36	30	746	295	<3	2.8	3.3	3.1	6	1.0
35556	24	136	116	1.65	12	15	15.4	61.7	<3	6.4	2.0	1.3	8	0.2
35557	105	119	479	7.92	61	57	34.8	74.5	<3	3.7	2.6	4.3	16	0.5
35558	65	155	525	5.38	77	46	10.0	64.9	<3	124	7.7	8.2	4	0.2
*Dup 35501	41	83	261	2.52	25	32	181	13.8	<3	5.8	2.6	1.3	4	<0.2
*Dup 35513	33	150	213	1.71	15	29	121	21.3	<3	19.0	2.1	0.6	8	<0.2

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 017889 **Date:** 31/10/97 **FINAL**

Element.	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2
Units.	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Dup 35525	33	99	216	11.0	6	10	156	75.6	<3	3.9	2.3	2.0	10	0.6
*Dup 35537	45	109	192	12.2	47	39	777	143	<3	4.0	2.3	3.5	20	0.9
*Dup 35549	141	228	627	6.32	29	82	6.9	2230	<3	8.9	5.9	12.0	21	1.5

XRAL **XRAL Laboratories**
A Division of SGS Canada Inc.

Work Order: 017889 **Date:** 31/10/97 **FINAL**

Element.	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	10	5	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
35501	<1	<10	<5	3	0.8	<10	2	<5
35502	<1	<10	<5	33	5.2	<10	<2	<5
35503	1	<10	<5	46	6.1	<10	23	<5
35504	<1	<10	<5	27	0.7	<10	11	<5
35505	3	<10	<5	15	<0.5	<10	25	<5
35506	1	<10	<5	3	0.5	<10	7	<5
35507	3	<10	<5	32	1.5	<10	241	<5
35508	6	<10	<5	41	1.4	<10	157	<5
35509	<1	<10	<5	35	0.7	<10	18	<5
35510	3	<10	<5	56	2.0	<10	28	<5
35511	<1	<10	<5	71	11.1	<10	4	<5
35512	2	<10	<5	30	14.2	<10	9	<5
35513	<1	<10	<5	11	1.2	<10	3	<5
35514	<1	<10	<5	4	0.9	<10	4	<5
35515	<1	<10	<5	39	3.8	<10	5	<5
35516	<1	<10	<5	68	6.8	<10	2	<5
35517	<1	<10	<5	53	11.6	<10	6	<5
35518	<1	<10	<5	46	15.5	<10	<2	<5
35519	<1	<10	<5	30	20.2	<10	4	<5
35520	<1	<10	<5	51	13.6	<10	<2	<5
35521	<1	<10	<5	6	0.9	<10	<2	<5
35522	<1	<10	<5	186	10.3	<10	4	<5
35523	1	<10	<5	64	3.3	<10	11	<5
35524	<1	<10	<5	42	2.1	<10	16	<5
35525	1	<10	<5	13	<0.5	<10	11	<5
35526	2	<10	<5	10	<0.5	<10	15	<5
35527	4	<10	<5	10	<0.5	<10	15	<5
35528	<1	<10	<5	5	3.0	<10	8	<5
35529	4	<10	<5	4	<0.5	<10	16	<5
35530	3	<10	<5	5	1.8	<10	13	<5

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 017889 **Date:** 31/10/97 **FINAL**

Element.	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	10	5	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
35531	4	<10	<5	5	1.4	<10	20	<5
35532	4	<10	<5	13	5.2	<10	11	<5
35533	<1	<10	<5	26	24.7	<10	23	<5
35534	2	<10	<5	47	4.7	<10	19	<5
35535	8	<10	<5	4	<0.5	<10	19	<5
35536	5	<10	<5	3	<0.5	<10	20	<5
35537	3	<10	<5	33	1.6	<10	15	<5
35538	<1	<10	<5	16	4.8	<10	<2	<5
35539	<1	<10	<5	10	11.3	<10	4	<5
35540	<1	<10	<5	6	4.5	<10	59	<5
35541	<1	<10	<5	6	1.1	<10	2	<5
35542	<1	<10	<5	9	4.2	<10	4	<5
35543	10	<10	<5	34	2.8	<10	36	<5
35544	<1	<10	<5	39	4.6	<10	52	<5
35545	<1	<10	<5	7	32.6	<10	156	<5
35546	1	<10	<5	11	27.8	<10	104	<5
35547	<1	<10	<5	6	3.2	<10	36	<5
35548	<1	<10	<5	4	0.6	<10	439	<5
35549	6	<10	<5	9	2.3	<10	1380	<5
35550	<1	<10	<5	95	11.4	<10	31	<5
35551	<1	<10	<5	240	22.6	<10	8	<5
35552	1	<10	<5	55	4.2	<10	9	<5
35553	7	<10	<5	6	<0.5	<10	22	<5
35554	6	<10	<5	12	1.2	<10	17	<5
35555	4	<10	<5	12	1.1	<10	17	<5
35556	<1	<10	<5	2	0.7	<10	14	<5
35557	<1	<10	<5	7	2.1	<10	16	<5
35558	<1	<10	<5	9	39.3	<10	17	<5
*Dup 35501	<1	<10	<5	3	0.8	<10	4	<5
*Dup 35513	<1	<10	<5	10	1.1	<10	4	<5

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 017889 **Date:** 31/10/97 **FINAL**

Element.	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	10	5	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Dup 35525	2	<10	<5	13	<0.5	<10	13	<5
*Dup 35537	3	<10	<5	33	1.5	<10	13	<5
*Dup 35549	6	<10	<5	9	1.9	<10	1370	<5

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)
W9860.00576
Assessment Files Research Imaging

GWM: Latimer Lake

42A06SW2007 2.18572 PRICE 900

section 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, esment work and correspond with the mining land holder. Questions about this ern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury,

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

2.18572

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

Name: Great White Minerals Ltd.	Client Number: 217743
Address: P.O. Box 1394	Telephone Number: (705) 268-7793
Timmins, Ontario P4N 7N2	Fax Number: (705) 268-6225
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: Geological and Prospecting followed by Diamond Drilling		Commodity
Dates Work Performed: From 15 Day 07 Month 1997 Year To 30 Day 10 Month 1997 Year		Total $ Value of Work Claimed: 56,246
Global Positioning System Data (if available)	Township/Area: Shibley, Fripp, Price	NTS Reference
	M or G-Plan Number: G-5	Mining Division: Porcupine
		Resident Geologist District: Timmins

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: Todd Keast	Telephone Number: (705) 235-2540
Address: 1204 Grace Avenue, Porcupine, Ontario	Fax Number: (705) 235-2941
Name: David Healey	Telephone Number: (705) 567-9980
Address: 103 Carter Avenue, Kirkland Lake, Ont P2N 1Z6	Fax Number: (705) 567-6873
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, Larry J. Stoliker (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: Larry J. Stoliker		Date: June 01, 1998
Agent's Address: 103 Carter Avenue, Kirkland Lake, Ontario P2N 1Z6	Telephone Number: (705) 567-9980	Fax Number: (705) 567-6873

0241 (03/97)

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10:21 GB
GEOSCIENCE ASSESSMENT OFFICE

Deemed: September 9/98

6 WNW: Latimer Lake

be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

4.9860 00576

	im Number. Or if done on other eligible and, show in this the location number ated 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
	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
g	1234567	12	0	$24,000	0	0
g	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	P-1132813	1	$ 508			$ 508
2	P-1132814	1	381			381
3	P-1132815	1	8,309			8309
4	P-1132816	1	254			254
5	P-1132817	1	127			127
6	P-1132818	1	127			127
7	P-1132819	1	127			127
8	P-1132800	1	508			508
9	P-1132801	1	27,871			27,871
10	P-1132802	1	508			508
11	P-1132803	1	127			127
12	P-1132804	1	127			127
13	P-1132805	1	508			508
14	P-1132806	1	8,345			8345
15	P-1132807	1	254			254
	Column Totals	NSR	[illegible] over.			

I, Larry J. Stoliker (Print Full Name), do hereby certify that the above work credits are eligible under 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
[signature]	June 01, 1998

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:

- [X] 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):

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
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

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2.18572

...tario — ...and Mines

Assessment Work on Mining Land

W9860.00570

GWM: Latimer Lake

	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
16	P-1132808	1	$ 508			$ 508
17	P-1132809	1	508			508
18	P-1132812	1	254			254
19	P-1182578	3	254			254
20	P-1182592	1	—			—
21	P-1193419	3	127			127
22	P-1213700	3	381			381
23	P-1228670	2	6,133			6,133
	23	30				
	Column Totals		$56246	—	—	$56246

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2.18572

0290 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9860.00576

GWM: Latimer Lake

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, the 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 the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th 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/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	4 ddh's 857m		$42,422.50
Corelogging, hole spotting etc		1 week	2,247.00
Coresplitting		1 week	1050.00
Geology Mapping	2 men	1 week	3745.00
Assays (Whole Rock, Gold)	(79 Geology) (46 Drilling)	→ also assayed for Copper, Zinc	2401.75
Associated Costs (e.g. supplies, mobilization and demobilization).			
Report Production and Drafting and Supplies	5 days 2 men		2675.00
Transportation Costs			
	Vehicle Rental	14 days @ $50/day	$700.00
	Mileage: 1016 km	.30	304.80
Food and Lodging Costs			
	1 man	7 days @ $100/day	$700.00
		Total Value of Assessment Work	$56246.05

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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 × 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, Larry J. Stoliker (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 Agent (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: [signature] Date: June 11 1998

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) 415-9846
Fax: (705) 670-5881

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

August 28, 1998

GREAT WHITE MINERALS LTD.
BOX 1394
TIMMINS, ONTARIO
P4N-7N2

Dear Sir or Madam:

Submission Number: 2.18572

Subject: Transaction Number(s):		**Status**
	W9860.00575	Deemed 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 Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

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

Correspondence ID: 12717

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18572

Date Correspondence Sent: August 28, 1998 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00575	1132813	FRIPP, PRICE	Deemed Approval	August 27, 1998

Section:
16 Drilling PDRILL
12 Geological GEOL

Correspondence to:
Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
Larry J. Stoliker
KIRKLAND LAKE, ONTARIO, CANADA

GREAT WHITE MINERALS LTD.
TIMMINS, ONTARIO

Correspondence ID: 12717

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) 415-9846
Fax: (877) 670-1555

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

September 11, 1998

GREAT WHITE MINERALS LTD.
BOX 1394
TIMMINS, ONTARIO
P4N-7N2

Dear Sir or Madam:

Submission Number: 2.18572

AMENDED

Status

Subject: Transaction Number(s): W9860.00576 Deemed 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.

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If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

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

Correspondence ID: 12717

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18572

Date Correspondence Sent: September 11, 1998 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00576	1132813	FRIPP, PRICE	Deemed Approval	August 27, 1998

Section:
16 Drilling PDRILL
12 Geological GEOL

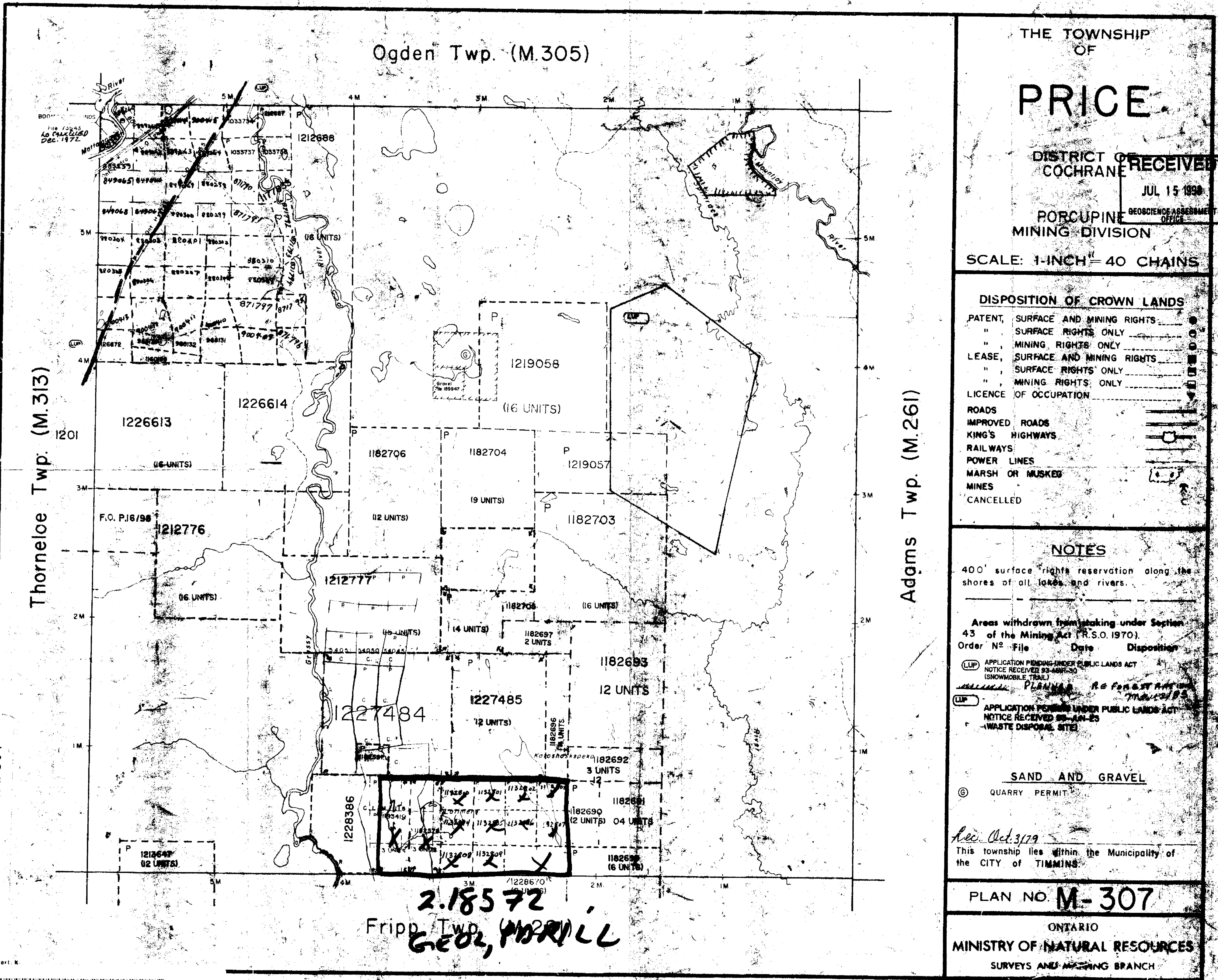
Correspondence to:
Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
Larry J. Stoliker
KIRKLAND LAKE, ONTARIO, CANADA

GREAT WHITE MINERALS LTD.
TIMMINS, ONTARIO

Correspondence ID: 12717



THE TOWNSHIP OF
PRICE
DISTRICT OF COCHRANE
PORCUPINE MINING DIVISION
SCALE: 1-INCH = 40 CHAINS
RECEIVED
JUL 15 1998
GEOSCIENCE ASSESSMENT OFFICE
DISPOSITION OF CROWN LANDS
PATENT, SURFACE AND MINING RIGHTS
" , SURFACE RIGHTS ONLY
" , MINING RIGHTS ONLY
LEASE, SURFACE AND MINING RIGHTS
" , SURFACE RIGHTS ONLY
" , MINING RIGHTS ONLY
LICENCE OF OCCUPATION
ROADS
IMPROVED ROADS
KING'S HIGHWAYS
RAILWAYS
POWER LINES
MARSH OR MUSKEG
MINES
CANCELLED
NOTES
400' surface rights reservation along the shores of all lakes and rivers.
Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970).
Order No. File Date Disposition
SAND AND GRAVEL
QUARRY PERMIT
Rec. Oct. 3/79
This township lies within the Municipality of the CITY of TIMMINS
PLAN NO. M-307
ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH
Ogden Twp. (M.305)
Thorneloe Twp. (M.313)
Adams Twp. (M.261)
Fripp Twp.
1219058
(16 UNITS)
1226613
1226614
1182706
(12 UNITS)
1182704
(9 UNITS)
1219057
1182703
1212776
F.O. P.16/98
1212777
1227484
1227485
12 UNITS
1182693
12 UNITS
1182692
3 UNITS
1228386
1182690
1212688
2.18572
GEOL, DRILL

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.

42A06SW2007 2.18572 PRICE 200

PRICE TWP. M.307

P. 2.18572 GEOL PDRILL

THE TOWNSHIP OF

FRIPP

DISTRICT OF TIMISKAMING

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

DISPOSITION OF CROWN LANDS

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

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

NOTES

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

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970.)

Order Nº	File	Date	Disposition
RY 223	(L.U.P. - PENDING APPLICATION UNDER THE PUBLIC LANDS ACT)		

REMOTE TOURIST CAMPS

RI AGGREGATE PERMIT SAND & GRAVEL OCT.07/94

IN SERVICE NOV. 22/89 CHECKED BY S. ROWAN

PLAN NO. M. 281

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

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

McKEOWN TWP. M.299

McARTHUR TWP. M.298

MUSGROVE TWP. M.304

← Main Road

Latimer Lake

Lake Katoshaska-pako

LAKE

Price Twp.
Fripp Twp

Legend

- 7 diabase
- 6 felsic intrusion
- 5 coarse knotted amphibolite
- 4 iron formation
  - 4a oxide facies
  - 4b sulphide facies
- 3 ultramafic flows
- 2 intermediate volcanics
  - 2a massive
  - 2b lapilli tuff
  - 2c tuff breccia
- 1 mafic volcanics
  - 1a massive
  - 1b pillowed
  - 1c lapilli tuff
  - 1d tuff breccia
  - 1e chlorite schist

- geological contact
- outcrops
- positive topographic feature
- foliation, bedding, lineation
- sample location
- reference sample
- road
- claim post found
- claim post inferred
- drillhole

0 25m 50m 75m 100m
1:2500 or 1cm = 25m

Klondike Gold Corp.
Latimer Lake Property

Geological Survey

Nov 1997 Scale 1:2500