ASSESSMENT WORK REPORT

For

LAKE SHORE GOLD CORP.

On the

Diamond Drill Program

Of the

Jessop Property

Jessop and Jamieson Townships

Porcupine Mining District.

John McKenzie
March 3, 2009

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Introduction

Between the dates of August 12th, 2008 and September 9th , 2007, Lake Shore Gold personnel under the direct supervision of John McKenzie (author) carried out an exploration diamond drilling program. The primary goal of the program was to explore the meta-volcanic-meta sedimentary contact occurring within the property boundary in order to ascertain the gold bearing potential. In total 1040.3m. of core was drilled within the 3 holes completed during the program. Bradley Brothers Drilling of Timmins On. was contracted to perform drilling for the program. Day Helicopters of Timmins On. were employed to carry out drill moves, deliver supplies and personnel to drill sites.

Location and Access

Lake Shore Gold's Jessop property consists of 15 contiguous claim units, located within portions of Jessop and Jamieson Townships within the Porcupine Mining District. Due to the large amount of swamp within the project area, the only viable means of access during the summer and fall months was utilizing helicopters to lift all equipment, personnel and supplies to the site, which as mentioned previously was carried out with the assistance of Day helicopters from there Timmins, On hangar. For a detailed view of the area and drill hole locations please see Figures: 1, 2, 3 and 4 accompanying this report

Exploration Summary

In total 1040.3m of drilling was carried out within 3 separate holes. Activation Laboratories of Ancaster On. carried out the assaying of all core sampled during the program. Drill core sampled during the program was assayed for Au using a fire assay method; subsequent to this further analysis of core using a 48 element ICP method was also utilized. For further information regarding analysis types and results please refer to the Activation Laboratories certificates of analysis accompanying this report.

Drill core encountered 2 primary rock types

1) Fine to medium grained metasedimentary rocks, consisting primarily of biotite-chlorite altered lithic wackes, as well as interbedded wacke-argillite turbidites. With minor intersections o f polymictic conglomerate occurring within drill hole JE08-02.

2) Mafic metavolcanics consisting of massive, fine to medium grained flow units, as well as several intervals of tuffaceous and volcaniclastic units. These were primarily altered with moderate amounts of pervasive chlorite, +/- Tr-1% fine grained py.

A more detailed description of units encountered and there locations relative to one another can be seen in the drill logs and drill hole sections accompanying this report.

John McKenzie
313 Vimy Avenue
Timmins Ontario, P4N 4H3
e-mail:jmckenzie@lsgold.com

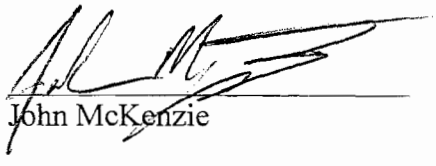
Certificate of Author

I, John McKenzie certify that:

1. I am a graduate with a diploma in Geological Technology from Cambrian College in the year 1998.
2. I have worked as a geologist in a variety of disciplines for a total of 9 years.
3. I am the author responsible for preparation of the above assessment document Dated March 3, 2009
4. I have no direct interest in the Jessop property or adjacent properties and I do not expect to acquire any.
5. I consent to the filing of Jessop property report for Assessment work requirements with the Ministry of Northern Development and Mines .

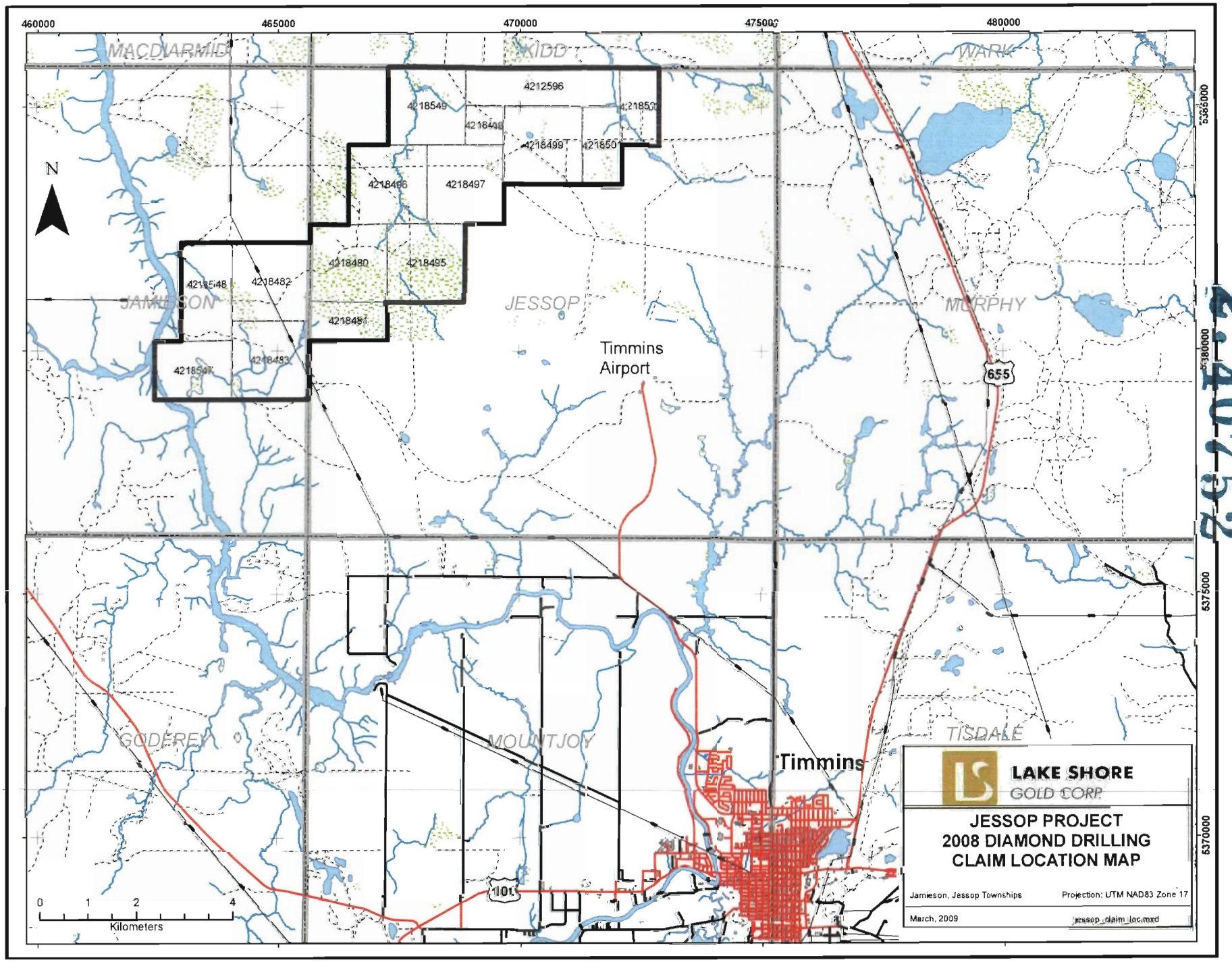
John McKenzie

Dated: March 3, 2009



John McKenzie

FIGURE 1



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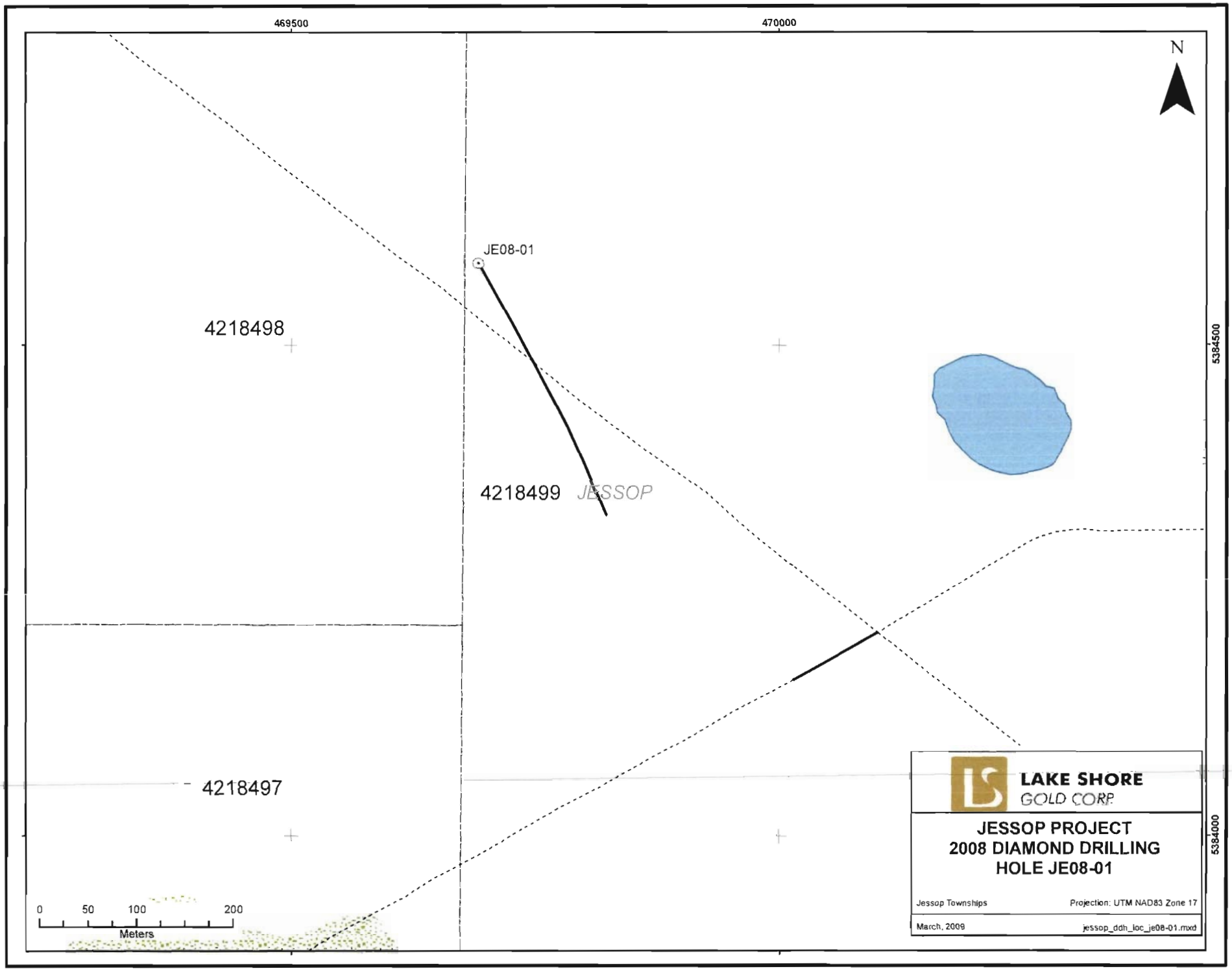
APPENDIX 1

FIGURE 2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JE08-01
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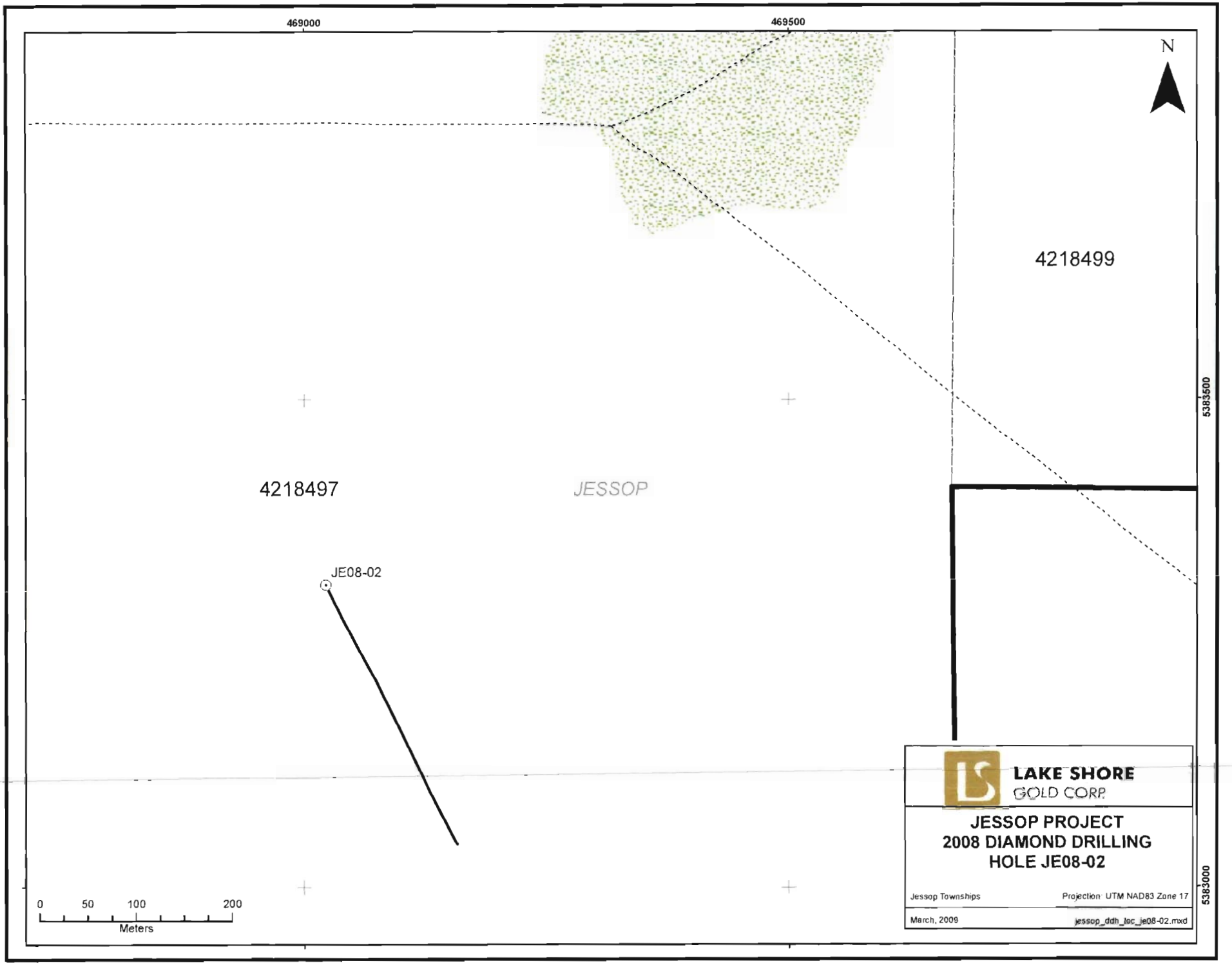
4218499
JESSOP
4218497
5384500
5384000
0
50
100
200
Meters
LAKE SHORE
GOLD CORP
JESSOP PROJECT
2008 DIAMOND DRILLING
HOLE JE08-01
Jessop Townships
Projection: UTM NAD83 Zone 17
March, 2009
jessop_ddh_loc_je08-01.mxd

FIGURE 3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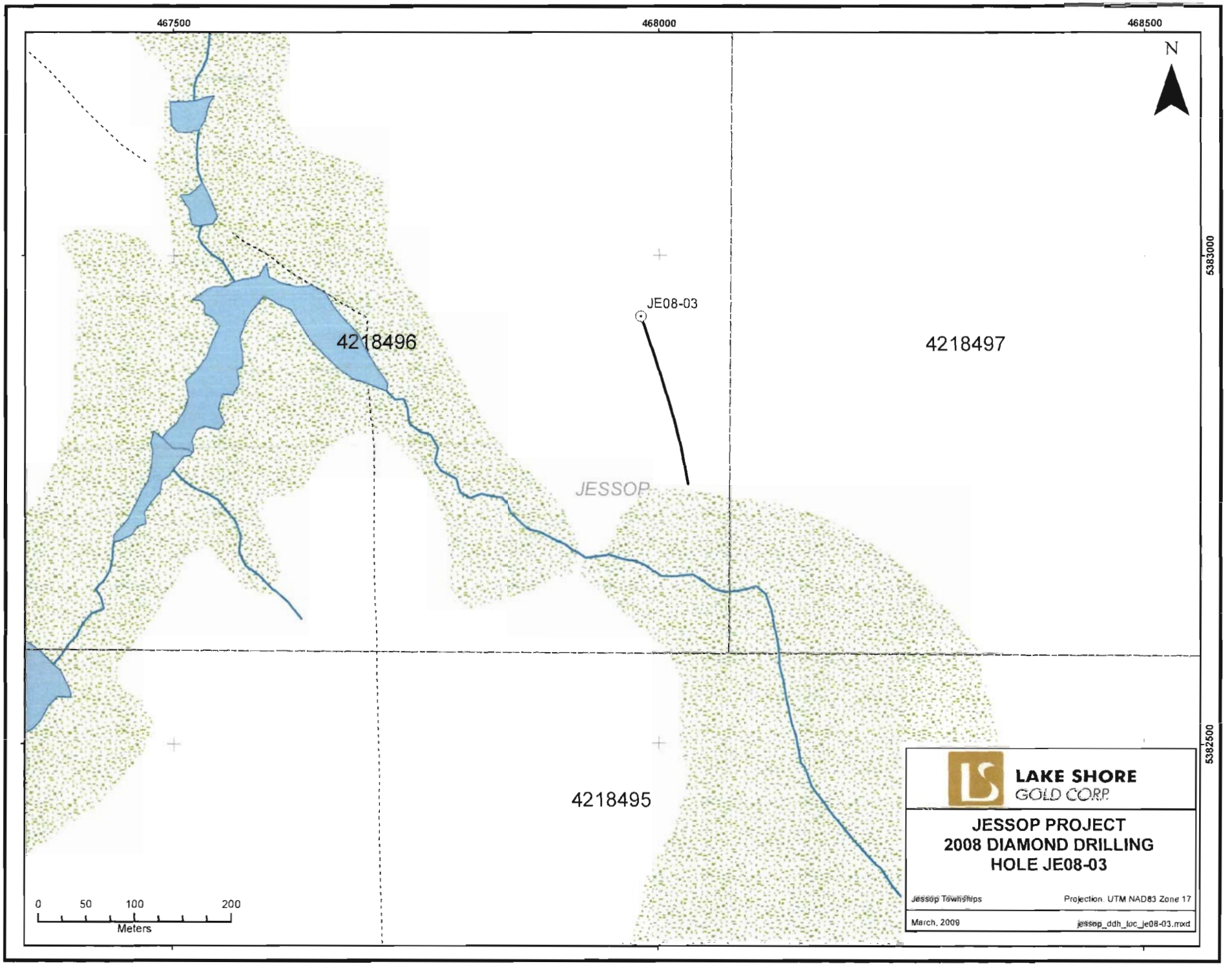
4218497
JESSOP
JE08-02
5383500
5383000
0 50 100 200
Meters
LAKE SHORE
GOLD CORP.
JESSOP PROJECT
2008 DIAMOND DRILLING
HOLE JE08-02
Jessop Townships
Projection: UTM NAD83 Zone 17
March, 2009
jessop_ddh_loc_je08-02.mxd

FIGURE 4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200
Meters
LAKE SHORE
GOLD CORP
JESSOP PROJECT
2008 DIAMOND DRILLING
HOLE JE08-03
Jessop Townships
Projection: UTM NAD83 Zone 17
March, 2009
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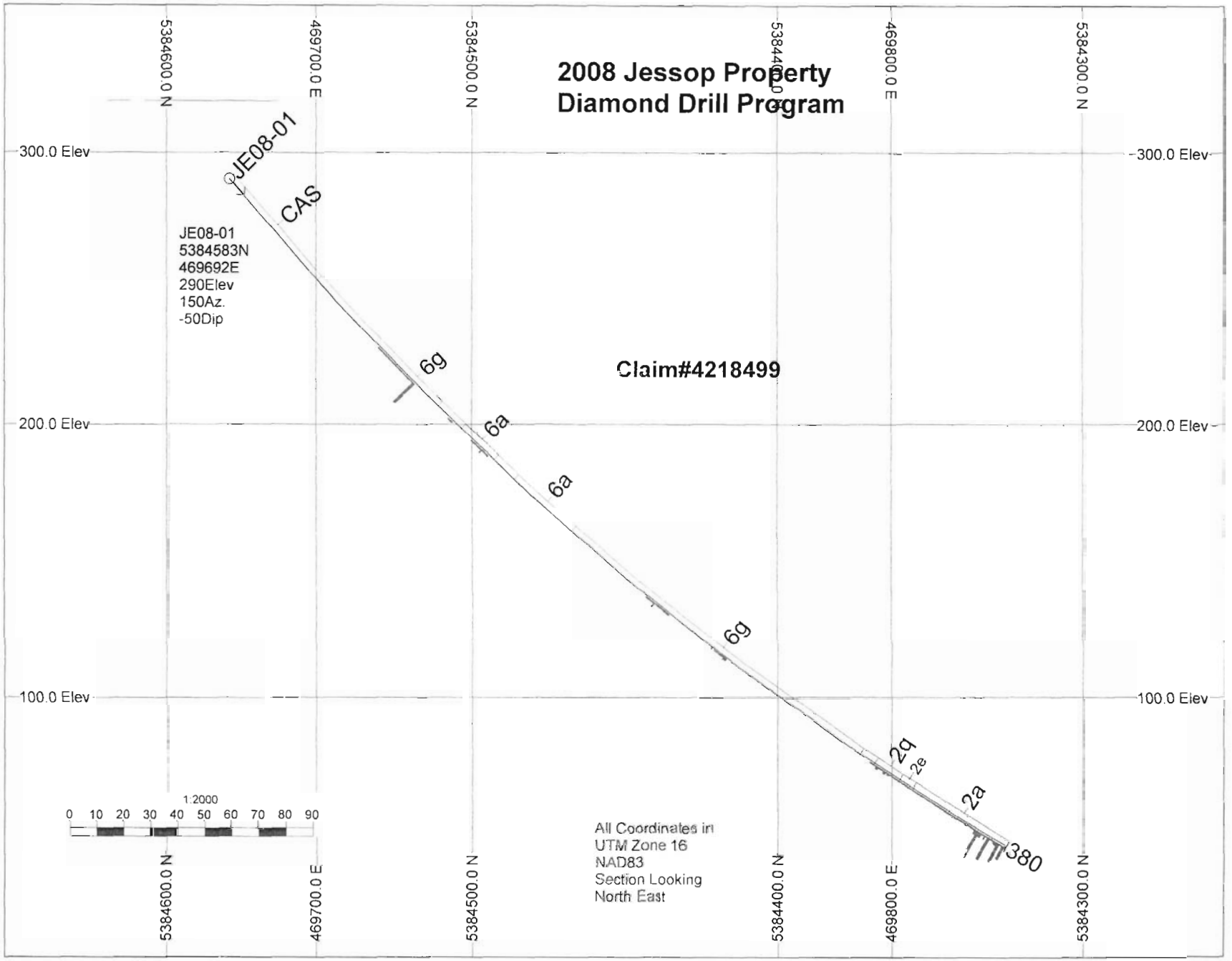
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469692E
290Elev
150Az.
-50Dip
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6a
6a
6g
2q
2e
2a
380
300.0 Elev
200.0 Elev
100.0 Elev
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469700.0 E
5384500.0 N
5384400.0 N
469800.0 E
5384300.0 N
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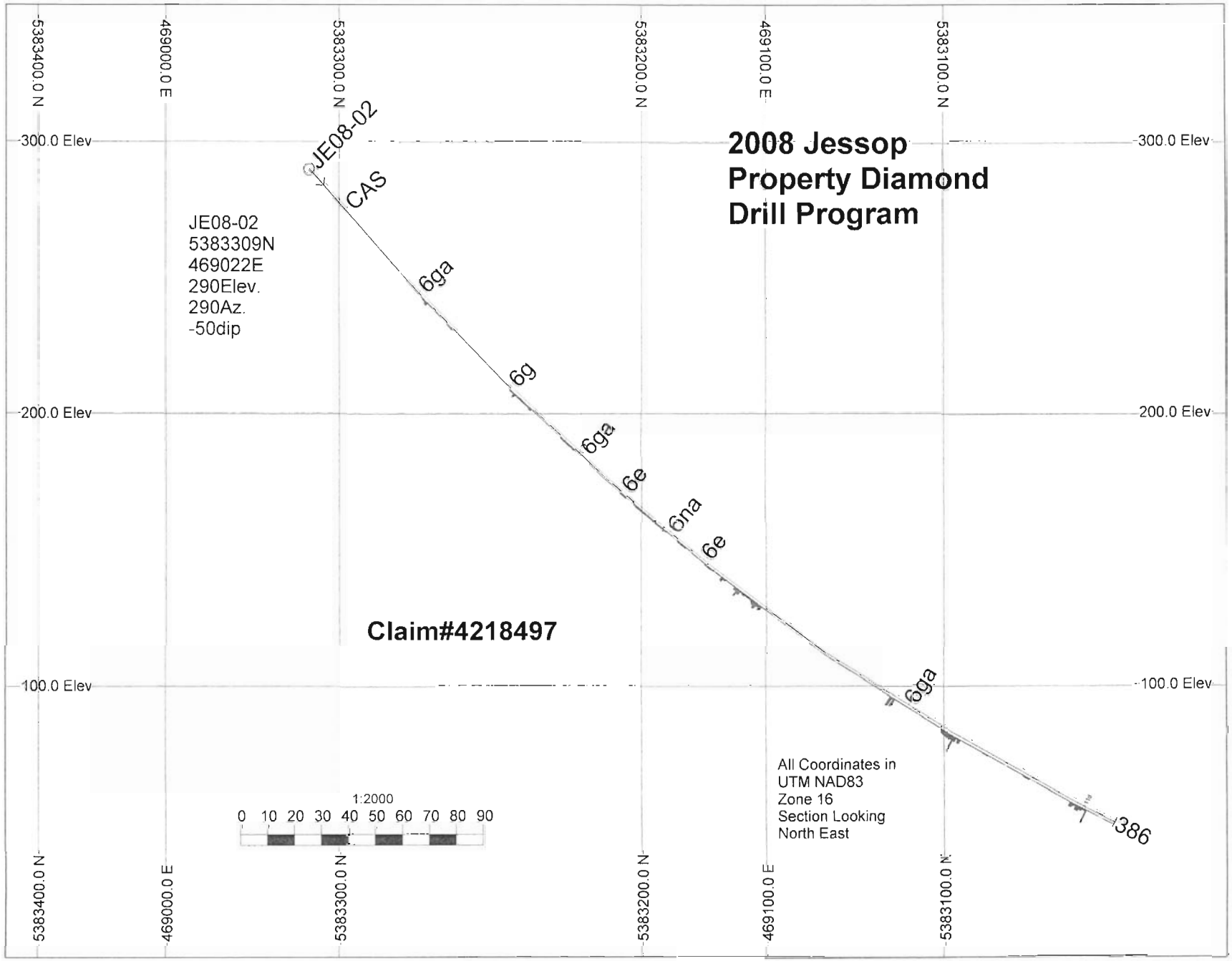
All Coordinates in
UTM Zone 16
NAD83
Section Looking
North East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Drill Program
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469022E
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290Az.
-50dip
Claim#4218497
JE08-02
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6g
6ga
6e
6na
6e
6ga
386
All Coordinates in
UTM NAD83
Zone 16
Section Looking
North East
1:2000
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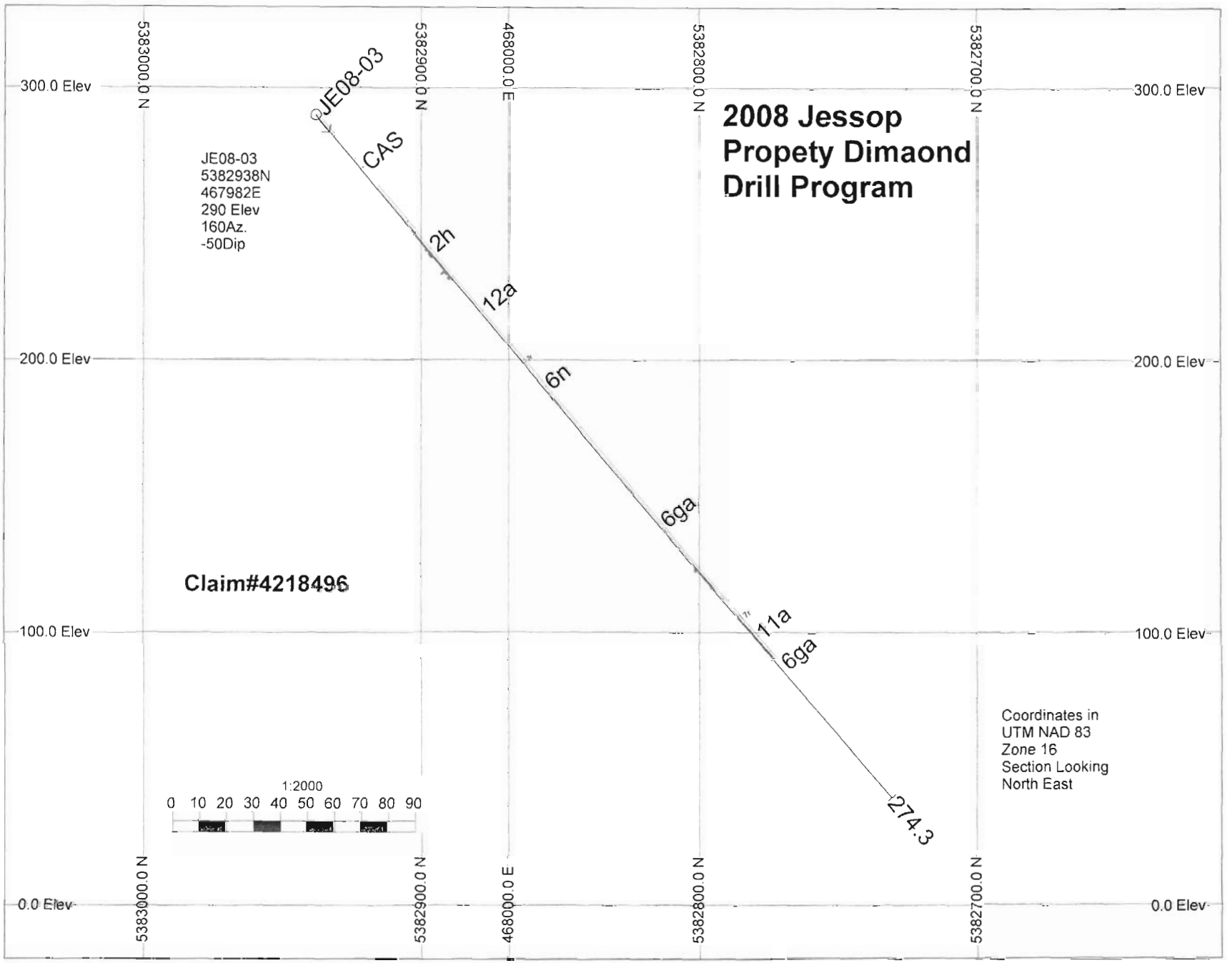
469000.0 E
5383300.0 N
5383200.0 N
469100.0 E
5383100.0 N
300.0 Elev
200.0 Elev
100.0 Elev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Propety Dimaond
Drill Program
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-50Dip
JE08-03
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12a
6n
6ga
11a
6ga
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5382800.0 N
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0 10 20 30 40 50 60 70 80 90
Coordinates in
UTM NAD 83
Zone 16
Section Looking
North East

Rock_Code	rock_Code_Description	
1	Ultramafic Metavolcanic Rocks	
10	Late Archean Felsic to Mafic Granitoids	
10a	Granodiorite	
10b	Tonalite	
10c	Trondhjemite	
10d	Quartz diorite	
10e	Quartz monzonite	
10f	Monzonite	
10g	Monzodiorite	
10h	Syenite	
10j	Aphyric syenite/felsite	
10jk	Porphyritic syenite	
10k	Monzogabbro	
10m	Dio-gab-qtz monzodio-tonalite-granodio suite	
10n	Diorite	
10p	Xenolithic granitoid rxs (xenolith lithology)	
10q	Granitoid breccia	
10r	Gabbro-monzogabbro	
10s	Granite	
10t	Lamprophyre	
10u	Carbonatite	
10v	Heterolithic mafic breccia	
10w	Altered granitoid	
10x	Porphyritic granitoid	
10y	Quartz monzodiorite	
11	Intermediate to Felsic Hypabyssal Rocks	
11a	Feldspar porphyry	
11b	Quartz porphyry	
11c	Quartz-feldspar porphyry	
11d	Felsite dike/sill	
11e	Schistose/schist	
11f	Albitite	
11fa	Albitite Contact Zone	
11g	Heterolithic porphyry breccia	
12	Proterozoic Mafic Intrusive Rocks	
12a	Mafic/diabase dyke	
12b	Plagioclase porphyritic diabase	
12c	Dyke	
13	Paleozoic kimberlite	
14	Altered rock	
14a	Possibly sediment	
14b	Possibly volcanic	
14c	Possibly ultramafic	
14d	Altered/deformed granitic rocks	
15	Veins	
15a	Quartz tourmaline vein	
15ax	Quartz axinite vein	
15b	Quartz tourmaline stockworks	
15c	Quartz vein	
15d	Quartz stockworks	
15e	Main zone	

Rock_Code	rock_Code_Description	
15f	Quartz-carbonate vein	
15g	Quartz-albite (feldspar) vein	
15h	Quartz flooding	
15k	Quartz-carbonate stockworks	
15l	Quartz flat	
15m	Quartz-calcite vein	
15p	Ankerite/ankerite-quartz vein	
16	Schist	
17	Alkalic Mafic- Intermediate metavolcanics	
17a	Mafic to intermed volc (massive flow)	
17h	Mafic to intermed volcaniclastic	
18	Alkalic Intermed-Felsic Metavolcanics	
18a	Alkalic inter-felsic volc (massive)	
18f	Alkalic inter-fel volcaniclastic	
19	Clastic-chem metased. (Temiskaming)	
19a	Wacke, Arkose	
19b	Siltstone	
19c	Argillite	
19d	Conglomerate, polymictic	
19da	Conglomerate/agglomerate (ultramafic)	
19e	Schist	
19f	Chert	
19g	Mag-hem iron fm (banded and laminated)	
1a	Umaf volc (massive flow)	
1d	Umaf volc (polysutured flow)	
1e	Umaf volc (ultramafic schist)	
1f	Umaf volc (spinifex-textured flow)	
1g	Umaf volc (carbonatite)	
1h	Umaf volc (fine-grained skarn)	
1j	Umaf volc (chlorite)	
1k	Basaltic komatiite	
1km	Basaltic komatiite (massive)	
1kv	Basaltic komatiite (variolitic)	
1m	Carbonatized ultramafic volcanic	
1n	Serpentinized ultramafic volc.	
1o	Fuchsitic ultramafic (green carb)	
1ob	Brecciated green carb. flow	
1p	Talcose ultramafic volcanic	
1w	Altered ultramafic	
1wa	GZ2 Light Grey Zone ultramafic volc.	
1we	GZ1 Dark Grey Zone ultramafic volc.	
2	Mafic Metavolcanic Rocks	
2a	Mafic volc. massive flow, fine to med	
2ad	Magnesium tholeiite (green,dioritic?)	
2af	High iron tholeiite (leucoxene bearing)	
2ag	Gabbroic flow/synvolcanic sill	
2b	Mafic plag-phyric flow	
2c	Mafic variolitic flow	
2d	Mafic volc. debris flow	
2e	Mafic flow / flow top breccia	
2f	Mafic tuff breccia	

Rock_Code	rock_Code_Description	
2g	Mafic lapilli tuff	
2h	Mafic tuff / volcaniclastic rocks	
2k	Mafic garnet-bearing volcanic	
2m	Mafic spinifex-textured flow	
2n	Mafic pillowed flow	
2np	Mafic pillow breccia/hyaloclastite	
2p	Mafic heterolithic volc. breccia	
2q	Mafic amygdaloidal/vesicular flow	
2r	Chlorite Schist	
2s	Amph-plagchlbtep schist	
2u	Amphibolite	
2v	Banded Amphibolite	
2w	Altered mafic volcanics	
2wa	GZ2 Light Grey Zone	
2we	GZ1 Dark Grey Zone	
2y	Massive flow (dioritic texture)	
3	Intermediate Metavolcanic Rocks	
3a	Massive flow, fine-grained	
3b	Feldspar-phyric flow	
3c	Autoclastic/flow breccia	
3d	Tuff	
3e	Crystal tuff / subvolcanic sill	
3f	Lapilli tuff	
3g	Tuff breccia	
3h	Pyroclastic breccia	
3k	Debris flow	
3m	Heterolithic breccia	
3n	Intermediate schist	
3p	Volcaniclastics	
4	Felsic to Intermediate Metavolcanic Rocks	
4a	Massive flow, fine-grained	
4b	Quartz-phyric flow	
4c	Feldspar-phyric flow	
4d	Autoclastic breccia	
4e	Pyroclactic breccia	
4ea	Agglomerate	
4f	Tuff breccia	
4g	Lapilli tuff	
4h	Tuff	
4k	Crystal tuff/subvolcanic sill	
4m	Felsic to intermediate schist	
4p	Volcaniclastics	
4q	Debris flow	
4qa	Felsic fine debris flow	
4qc	Felsic coarse debris flow	
4r	Felsic fragmental (Kryst)	
5	Chemical Metasedisedimentary Rocks	
5a	Chert	
5b	Interbed. clastic and chm magnetic seds	
5c	Chert-magnetite banded iron formation	
5d	Sulphide facies iron formation	

Rock_Code	rock_Code_Description	
5e	Silicate facies iron formation	
5g	Calc-silicate layers	
6	Clastic Metasedimentary Rocks	
6a	Wacke	
6b	Siltstone	
6c	Pelite/mudstone	
6d	Conglomerate	
6e	Conglomerate, polymictic	
6f	Lithic greywacke	
6g	Turbidites (Greywacke-argillite)	
6ga	Greywacke/argillite	
6h	Siliciclastic sediments	
6k	Schistose/schist	
6m	Quartz-feldspar-mica schist	
6n	Graphitic pelite / argillite	
6na	Interflow graphitic sediment	
6p	Graphite	
6q	Ferruginous sediments	
6r	Mafic sedimentary rocks	
6s	Sandstone	
6sa	Arkose	
6sq	Quartzite	
6t	Intermed to felsic metasedimentary rock	
6u	Debris flow	
6w	Altered sediments	
6y	Qtz-sericite schist	
7	Ultramafic Intrusive Rocks	
7a	"Peridotite	
7ac	Coarse-grained peridotite	
7af	Fine-grained peridotite	
7am	Medium-grained peridotite	
7b	Peridotite, massive	
7c	Pyroxenite	
7cb	Carbonatite	
7cc	Coarse-grained pyroxenite	
7cd	Calcareous/syenitic dyke	
7cf	Fine-grained pyroxenite	
7cg	Monzonitic/Syenitic Pyroxenite	
7ch	Monzonite	
7cj	Porphyroblastic monzonite	
7ck	Trachyte	
7cl	Dioritic pyroxenite	
7cm	Mediun-grained pyroxenite	
7cp	Pegmatitic pyroxenite	
7cw	Altered pyroxenite	
7d	Hornblendite	
7dc	Coarse-grained hornblendite	
7df	Fine-grained hornblendite	
7dm	Medium-grained hornblendite	
7dp	Pegmatitic hornblendite	
7f	Serpentinite	

Rock_Code	rock_Code_Description	
7g	Altered ultramafic rxs of uncertain origin	
7h	Ultramafic schist	
7k	Ultramafic breccia	
7m	Layered ultramafics mafics	
7n	Feldspar-phyric ultramafic rxs	
7p	Garnetiferous pegmatite	
7r	Biotite-phyric / Lamprophyre	
8	Mafic Intrusive Rocks	
8a	Gabbro (CI =35 to 65)	
8-A	Mafic to Intermediate Dyke Rocks	
8Aa	Unsubdivided	
8Ab	Microgabbro	
8Ac	Diorite	
8Ad	Plagioclase phyric	
8ar	Pegmatitic gabbro	
8as	Medium-grained gabbro	
8at	Coarse-grained gabbro	
8au	Fine-grained mafic intrusive	
8b	Melagabbro (CI = 65 to 90)	
8bc	Coarse-grained melagabbro	
8bf	Fine-grained melagabbro	
8bm	Medium-grained melagabbro	
8bp	Pegmatitic melagabbro	
8c	Leucogabbro (CI = 10 to 35)	
8cc	Coarse-grained leucogabbro	
8cf	Fine-grained leucogabbro	
8cm	Medium-grained leucogabbro	
8cp	Pegmatitic leucogabbro	
8d	Anorthosite (CI <10)	
8e	Diorite	
8ee	Ferrodiorite	
8f	Xenolithic	
8g	Varitextured gabbro	
8h	Magnetite gabbro	
8k	Quartz gabbro (up to 10% quartz)	
8l	Amphibole-phyric mafic intrusive rocks	
8m	Amphibolite	
8n	Plagioclase-phyric gabbro,diorite	
8nm	Plagioclase-phyric melagabbro	
8p	Granitized/migmatized	
8q	Gabbro breccia	
8ql	Leucocratic gabbro breccia	
8qm	Melanocratic gabbro breccia	
8v	Gabbronorite	
8y	Mottled gabbro	
9	Early Intermediate to Felsic Intrusives	
9a	Tonalite	
9b	Granodiorite	
9c	Trondhjemite (leucotonalite)	
9d	Quartz diorite	
9e	Migmatite	

Rock_Code	rock_Code_Description	
9f	Fol. to gneissic tonalite to granodiorite	
EOH	End of Hole	
FLT	Fault	
FLTZN	Fault Zone	
HSTSHR	High-strain/Shear Zone	
LC	Lost Core	
O/B	Overburden	
QTZ	Quartz Zone	
STRZN	Structural zone/sheared brecciated	
WDGRET	Retrievable wedge	
WDGST	Steel wedge	

APPENDIX 2

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JE08-01 Units: METRIC

Project Name:	Jessop	Primary Coordinates	Grid: NAD83:	Destination Coordinates	Grid:	Collar Dip:	-50.00
Project Number:	L93125	North:	5384583.00	North:		Collar Az:	120.00
Location:	Surface	East:	469692.00	East:		Length:	380.00
Claim Number:	4218499	Elev:	300.00	Elev:		Start Depth:	0.00
Date Started:	Aug 11, 2008	Collar Survey:	N	Plugged:	N	Contractor:	BRADLEY BROTHERS LTD.	Final Depth:	380.00
Date Completed:	Aug 19, 2008	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	Mine Site		
Logged By:	J.McKenzie	Pulse EM Survey:	N	Casing:	Left in Hole				

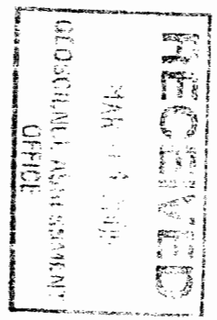
Comments: Hole intended to target historic vaules encountered by Dome Exploration.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
59.00	148.70	-48.50	REFL-E	OK		**110.00**	151.00	-44.50	REFL-E	OK	
161.00	151.80	-42.20	REFL-E	OK		**212.00**	152.10	-39.10	REFL-E	OK	
263.00	153.60	-37.00	REFL-E	OK		**314.00**	156.60	-33.80	REFL-E	OK	
365.00	157.20	-30.80	REFL-E	OK							

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
0	**49.00**	**Casing (CAS)**	136512	0.00	1.00	1.00		6.0000	0.3000	187	112.0000	1.5000
			136525	1.00	2.00	1.00		6.0000	0.1500	187	109.0000	1.5000
			136635	2.00	3.00	1.00		0.2500	0.3000	163	116.0000	1.5000
			136666	3.00	4.00	1.00		0.6000	0.1500	163	111.0000	1.5000
			136690	4.00	5.00	1.00		7.2000	0.1500	157	120.0000	4.0000



DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JEC8-01

Units: METRIC

Detailed Lithology		
From	To	Lithology
49.00	**152.50**	**Turbidites (Greywacke-argillite) (6g)** Fine to medium grained lithic wacke, interbedded graphitic argillite occurs throughout. Interbeds range in thickness from 1-15cm and comprise approximately 6-8% of unit. 0.5-1% fine grained disseminated py/po throughout **Texture** 49.00 - 152.50: Fine to medium grained **Mineralization** 92.70 - 93.90, 1.5% Py, 1.0% Po, Vein Hosted 120.50 - 121.00, 1.0% Py, 1.0% Po, Vein Hosted **Alteration** 49.00 - 152.50 : Chlorite, Pervasive, Weak to moderate **Structure** 49.00 - 152.50: BD Bedded, 55 Deg to CA 117.80 - 117.90: G Gouge, 65 Deg to CA 152.40 - 152.50: CNT contact, : Gradational **Veining** 92.70 - 93.90 : , 15% Veining, 2% Tour, 0, 15% Cal, 0, 83% Qtz, Veinlets 120.50 - 121.00 : , 25% Veining, 0, 0, 15% Cal, 0, 85% Qtz, Breccia: Fragmented vienlets **MINOR INTERVALS:** **Minor Interval:** 104.2 - 114 Wacke (6a) Fine to medium grained massive Wacke, lacking significant argillite component as seen in parent interval. **Texture** 104.20 - 114.00: Fine to medium grained **Alteration** 104.20 - 114.00 : Chlorite, Patchy, Weak **Structure** 104.20 - 104.30: contact, 80 Deg to CA 113.90 - 114.00: contact, 70 Deg to CA

Assay Data									
Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
136501	83.00	84.00	1.00		8.0000	0.3000	40	71.0000	6.0000
136502	84.00	85.00	1.00		7.0000	0.1500	45	74.0000	4.0000
136503	85.00	86.00	1.00		9.0000	0.1500	48	82.0000	6.0000
136504	86.00	87.00	1.00		10.0000	0.3000	45	72.0000	5.0000
136505	87.00	88.00	1.00		11.0000	0.1500	47	73.0000	5.0000
136506	88.00	89.00	1.00		10.0000	0.3000	52	72.0000	5.0000
136507	89.00	90.00	1.00		18.0000	0.1500	56	77.0000	4.0000
136508	90.00	91.00	1.00		14.0000	0.1500	60	81.0000	5.0000
136509	91.00	92.00	1.00		12.0000	0.1500	52	78.0000	5.0000
136510	92.00	92.70	0.70		16.0000	0.3000	53	74.0000	4.0000
136511	92.70	93.10	0.40		13.0000	0.1500	55	73.0000	4.0000
136513	93.10	93.90	0.80		18.0000	0.3000	65	90.0000	4.0000
136514	93.90	95.00	1.10		11.0000	0.1500	52	80.0000	7.0000
136515	95.00	96.00	1.00		14.0000	0.4000	43	71.0000	4.0000
136516	96.00	97.00	1.00		15.0000	0.1500	49	73.0000	4.0000
136517	97.00	98.00	1.00		16.0000	0.1500	51	71.0000	7.0000
136518	98.00	99.00	1.00		17.0000	0.1500	51	73.0000	4.0000
136519	99.00	100.00	1.00		18.0000	0.1500	60	87.0000	5.0000
136520	100.00	101.00	1.00		15.0000	0.4000	60	84.0000	5.0000
136521	101.00	102.00	1.00		15.0000	0.3000	52	84.0000	6.0000
136522	119.50	120.50	1.00		8.0000	0.1500	53	73.0000	3.0000
136523	120.50	121.20	0.70		8.0000	0.1500	66	82.0000	9.0000
136526	121.20	122.00	0.80		4.0000	0.1500	46	71.0000	4.0000
136527	131.20	132.20	1.00		5.0000	0.1500	43	97.0000	5.0000
136528	132.20	132.70	0.50		6.0000	0.1500	47	110.0000	5.0000
136529	132.70	133.70	1.00		5.0000	0.1500	56	97.0000	8.0000
136530	133.70	134.70	1.00		5.0000	0.1500	51	93.0000	4.0000
136531	134.70	135.70	1.00		7.0000	0.4000	51	90.0000	9.0000
136532	135.70	136.10	0.40		4.0000	0.3000	74	81.0000	4.0000
136533	136.10	136.60	0.50		2.0000	0.1500	43	41.0000	1.5000
136534	136.60	137.60	1.00		6.0000	0.4000	36	76.0000	3.0000
136535	137.60	138.60	1.00		7.0000	0.1500	43	73.0000	5.0000
136536	138.60	139.60	1.00		6.0000	0.1500	51	75.0000	3.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JE08-01

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
		MINOR INTERVALS: **Minor Interval:** 125.9 - 142.2 Wacke (6a) Fine to medium grained massive Wacke, lacking significant argillite component as seen in parent interval **Texture** 125.90 - 142.20: Fine to medium grained **Mineralization** 125.90 - 142.20, 2.0% Py, Disseminated **Alteration** 125.90 - 142.20 : Chlorite, Pervasive, Weak **Structure** 125.90 - 126.00: contact, 75 Deg to CA 125.90 - 142.20: contact, 60 Deg to CA **Veining** 132.20 - 132.70 : , 15% Veining, 5% Tour, 0, 15% Cal, 0, 80% Qtz, Stringers 136.20 - 136.50 : , 90% Veining, 0, 0, 10% Cal, 0, 90% Qtz, Veins: X-cutting at 30 deg CA.									
152.50	**181.10**	**Wacke (6a)** Grey-light grey massive lithic wacke. Weak spotty chlorite occurs throughout. Minor argillite interbeds, aprox 1-2%. **Texture** 152.50 - 181.10: Fine to medium grained **Mineralization** 152.50 - 181.10, 1.0% Py, Blebby **Alteration** 152.50 - 181.10 : Chlorite, Pervasive, Weak **Structure** 159.90 - 162.60: F Fractured, 35 Deg to CA 180.10 - 181.10: CNT contact, 50 Deg to CA									

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JE08-01

Units: METRIC

Detailed Lithology		
From	To	Lithology
181.10	322.20	**Turbidites (Greywacke-argillite) (6g)** Fine to medium grained interbedded wacke, as previous interbed material consists of fine grained argillite ranging from 1-15cm in width. Tr-1% py occurs sporadically throughout interval, as fine to medium grained euhedral/anhedral crystals. **Texture** 181.10 - 322.20: Fine to medium grained **Mineralization** 221.10 - 221.70, 2.0% Py, 1.0% Po, Vein Hosted 250.60 - 254.30, 1.0% Py, 1.0% Po, Vein Hosted **Alteration** 181.10 - 322.20 : Chlorite, Pervasive, Weak **Structure** 181.10 - 322.20: BD Bedded, 60 Deg to CA 185.00 - 185.20: G Gouge, 40 Deg to CA 201.80 - 206.80: DSK Disking, 60 Deg to CA 233.90 - 234.10: DSK Disking, 80 Deg to CA 253.90 - 254.00: G Gouge, 80 Deg to CA 260.00 - 264.00: F Fractured, 55 Deg to CA 291.40 - 291.50: G Gouge, 60 Deg to CA 322.10 - 322.20: CNT contact, 60 Deg to CA **Veining** 218.60 - 218.70 : , 100% Veining, 0, 25% Ank, 10% Cal, 0, 65% Qtz, Veinlets: X-cutting at 85 degrees to CA. 221.10 - 221.70 : , 55% Veining, 0, 40% Ank, 0, 0, 60% Qtz, Veins 225.40 - 225.60 : , 100% Veining, 0, 10% Ank, 30% Cal, 0, 60% Qtz, Veinlets 227.00 - 227.20 : , 100% Veining, 0, 10% Ank, 30% Cal, 0, 60% Qtz, Veinlets 248.30 - 248.50 : , 100% Veining, 0, 5% Ank, 25% Cal, 0, 60% Qtz, Veinlets 250.60 - 254.30 : , 40% Veining, 5% Tour, 10% Ank, 10% Cal, 0, 70% Qtz, Veins: Approx 5% hydro muscovite.

Assay Data									
Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
136537	217.50	218.50	1.00		9.0000	0.1500	52	82.0000	1.5000
136538	218.50	219.00	0.50		8.0000	0.1500	47	70.0000	6.0000
136539	219.00	220.00	1.00		10.0000	0.1500	48	75.0000	4.0000
136540	220.00	221.10	1.10		7.0000	0.3000	49	82.0000	1.5000
136541	221.10	221.70	0.60		3.0000	0.1500	43	69.0000	8.0000
136542	221.70	222.70	1.00		6.0000	0.1500	54	81.0000	4.0000
136543	222.70	223.70	1.00		6.0000	0.4000	46	73.0000	4.0000
136544	223.70	224.40	0.70		20.0000	0.1500	90	78.0000	1.5000
136545	224.40	225.40	1.00		6.0000	0.1500	52	79.0000	4.0000
136546	225.40	225.80	0.40		12.0000	0.1500	37	74.0000	5.0000
136547	225.80	226.80	1.00		6.0000	0.1500	54	83.0000	5.0000
136548	226.80	227.40	0.60		7.0000	0.3000	56	88.0000	3.0000
136549	227.40	228.40	1.00		8.0000	0.3000	52	85.0000	5.0000
136550	248.00	248.50	0.50		8.0000	0.1500	36	70.0000	4.0000
136626	248.50	249.50	1.00						
136627	249.50	250.50	1.00		7.0000	0.1500	45	77.0000	1.5000
136628	250.50	251.20	0.70		6.0000	0.1500	22	45.0000	1.5000
136629	251.20	252.00	0.80		7.0000	0.1500	47	71.0000	1.5000
136630	252.00	252.60	0.60		10.0000	0.1500	45	82.0000	3.0000
136631	252.60	253.20	0.60		9.0000	0.1500	42	92.0000	4.0000
136632	253.20	253.90	0.70		10.0000	0.1500	62	80.0000	4.0000
136633	253.90	254.30	0.40		8.0000	0.1500	53	111.0000	9.0000
136636	254.30	255.30	1.00		8.0000	0.1500	35	77.0000	10.0000
136637	320.20	321.10	0.90		11.0000	0.1500	55	83.0000	8.0000
136638	321.10	322.20	1.10		9.0000	0.1500	53	80.0000	1.5000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JE08-01

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
		MINOR INTERVALS: **Minor Interval:** 186.3 - 193.7 Wacke (6a) Massive grey-green lithic wacke. **Texture** 186.30 - 193.70: Fine to medium grained **Structure** 186.30 - 186.40: contact, : Gradational 193.60 - 193.70: contact, : Gradational **Minor Interval:** 294 - 315.9 Wacke (6a) Massive grey-green lithic wacke. **Texture** 294.00 - 315.90: Fine to medium grained **Structure** 294.00 - 294.10: contact, : Gradational 314.90 - 315.00: contact, : Gradational										
322.20	333.30	**Mafic amygdaloidal/vesicular flow (2q)** Fine grained amygdaloidal (Calcite filled) mafic volcanic. Green to dark green, moderately hard. Weakly foliated throughout at 60 degrees to CA. **Texture** 322.20 - 333.30: Amygdaloidal **Mineralization** 327.40 - 329.00, 1.0% Py, 2.0% Po, Vein Hosted 331.30 - 332.60, .5% Cp, 1.0% Py, 3.0% Po, Vein Hosted **Alteration** 322.20 - 333.30 : Chlorite, Pervasive, Weak to moderate 322.20 - 333.30 : Calcite, Patchy, Very weak **Structure** 322.20 - 325.30: F Fractured, 70 Deg to CA 322.20 - 333.30: FOL Foliated, 60 Deg to CA 333.20 - 333.30: CNT contact, 65 Deg to CA **Veining** 327.40 - 329.00 : , 15% Veining, 2% Tour, 0, 10% Cal, 0, 88% Qtz, Stringers 331.30 - 332.60 : , 15% Veining, 0, 0, 10% Cal, 0, 90% Qtz, Stringers	136639	322.20	323.20	1.00		40.0000	0.1500	75	154.0000	1.5000
			136640	323.20	324.20	1.00		29.0000	0.1500	52	150.0000	1.5000
			136641	324.20	325.30	1.10		21.0000	0.1500	41	118.0000	1.5000
			136642	325.30	326.40	1.10		27.0000	0.3000	46	99.0000	1.5000
			136643	326.40	327.40	1.00		24.0000	0.1500	84	168.0000	1.5000
			136644	327.40	328.20	0.80		21.0000	0.1500	40	150.0000	1.5000
			136645	328.20	329.00	0.80		9.0000	0.5000	78	244.0000	1.5000
			136646	329.00	330.00	1.00		18.2000	0.1500	84	104.0000	5.0000
			136647	330.00	331.30	1.30		15.4000	0.1500	76	95.0000	1.5000
			136648	331.30	332.00	0.70		24.9000	0.1500	49	86.0000	3.0000
			136649	332.00	332.60	0.60		20.3000	0.1500	55	123.0000	1.5000
			136650	332.60	333.10	0.50		8.5000	0.1500	69	141.0000	4.0000
			136651	333.10	334.10	1.00		15.0000	0.1500	44	124.0000	1.5000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JE08-01

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
333.30	**339.20**	**Mafic flow / flow top breccia (2e)** Fine to medium grained grey-green mafic volcanic breccia. Calcite rims occur along bx fragment boundries. **Texture** 333.30 - 339.20: Hydrothermal breccia **Mineralization** 333.30 - 339.20, 1.0% Py, Disseminated **Alteration** 333.30 - 339.20 : Chlorite-calcite, Rimming, Weak to moderate **Structure** 339.10 - 339.20: CNT contact, 60 Deg to CA	136652	334.10	335.10	1.00		15.0000	0.1500	41	123.0000	1.5000
			136653	335.10	336.10	1.00		5.2000	0.1500	72	117.0000	1.5000
			136654	336.10	337.10	1.00		6.3000	0.1500	67	132.0000	1.5000
			136655	337.10	338.10	1.00		9.4000	0.1500	53	129.0000	1.5000
			136656	338.10	339.20	1.10		9.6000	0.1500	43	134.0000	1.5000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: TE08-01

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
339.20	**380.00**	**Mafic volc. massive flow, fine to med (2a)**	136657	339.20	340.20	1.00		20.1000	0.1500	32	120.0000	1.5000
		Fine to medium grained massive mafic volcanic. Grey-green in colour, moderately hard.	136658	340.20	341.20	1.00		18.4000	0.1500	38	133.0000	1.5000
			136659	341.20	342.20	1.00		14.9000	0.1500	26	113.0000	1.5000
		Texture	136660	342.20	343.20	1.00		6.2000	0.1500	76	106.0000	1.5000
		339.20 - 380.00: Massive	136661	343.20	344.20	1.00		6.2000	0.1500	35	110.0000	1.5000
			136662	344.20	345.20	1.00		11.6000	0.1500	77	112.0000	1.5000
		Alteration	136663	345.20	346.20	1.00		8.7000	0.1500	66	124.0000	1.5000
		339.20 - 380.00 : Chlorite, Pervasive, Weak	136664	346.20	346.80	0.60		11.6000	0.1500	40	94.0000	1.5000
			136667	346.80	347.80	1.00		9.6000	0.1500	33	125.0000	1.5000
		Structure	136668	347.80	348.80	1.00		8.2000	0.1500	42	123.0000	1.5000
		359.60 - 363.90: FZ Fracture Zone, 55 Deg to CA	136669	348.80	349.80	1.00		7.1000	0.1500	67	112.0000	1.5000
		366.30 - 372.20: FZ Fracture Zone, 55 Deg to CA	136670	349.80	350.80	1.00		8.3000	0.1500	63	120.0000	1.5000
			136671	350.80	351.80	1.00		8.0000	0.1500	51	113.0000	1.5000
		Veining	136672	351.80	352.80	1.00		10.7000	0.1500	45	137.0000	1.5000
		359.60 - 363.90 : , 15% Veining, 2% Tour, 0, 23% Cal, 0, 75% Qtz, Stringers	136673	352.80	353.80	1.00		6.2000	0.1500	51	136.0000	1.5000
		366.30 - 372.20 : , 10% Veining, 2% Tour, 0, 23% Cal, 0, 75% Qtz, Stringers	136674	353.80	354.80	1.00		3.6000	0.1500	58	135.0000	1.5000
			136675	354.80	355.80	1.00		7.8000	0.1500	55	114.0000	3.0000
			136676	355.80	356.80	1.00		13.9000	0.1500	26	118.0000	1.5000
			136677	356.80	357.80	1.00		8.3000	0.1500	27	133.0000	1.5000
			136678	357.80	358.80	1.00		2.8000	0.1500	54	145.0000	1.5000
			136679	358.80	359.60	0.80		4.1000	0.1500	42	115.0000	1.5000
			136680	359.60	360.60	1.00		5.8000	0.1500	35	117.0000	1.5000
			136681	360.60	361.60	1.00		4.7000	0.1500	82	137.0000	1.5000
			136682	361.60	362.60	1.00		7.4000	0.1500	64	146.0000	1.5000
			136683	362.60	363.60	1.00		11.6000	0.1500	57	147.0000	1.5000
			136684	363.60	364.60	1.00		9.5000	0.1500	63	131.0000	1.5000
			136685	364.60	365.60	1.00		21.3000	0.1500	46	139.0000	3.0000
			136686	365.60	366.60	1.00		23.7000	0.1500	38	153.0000	3.0000
			136687	366.60	367.60	1.00		17.9000	0.1500	47	284.0000	3.0000
			136688	367.60	368.20	0.60		14.3000	0.1500	77	347.0000	5.0000
			136691	368.20	368.60	0.40		6.7000	0.4000	71	669.0000	15.0000
			136692	368.60	369.60	1.00		21.4000	0.1500	46	201.0000	3.0000
			136693	369.60	370.90	1.30		28.9000	0.1500	46	167.0000	1.5000
			136694	370.90	371.30	0.40		10.9000	0.1500	46	266.0000	3.0000
			136695	371.30	372.20	0.90		31.6000	0.1500	59	175.0000	1.5000
			136696	372.20	373.20	1.00		21.4000	0.1500	65	174.0000	1.5000
			136697	373.20	374.60	1.40		29.7000	0.1500	20	168.0000	1.5000
			136698	374.60	375.20	0.60		26.6000	0.1500	60	142.0000	1.5000
			136699	375.20	376.20	1.00		40.8000	0.1500	18	152.0000	1.5000
			136700	376.20	377.20	1.00		16.4000	0.1500	67	138.0000	3.0000
			136701	377.20	378.20	1.00		25.2000	0.1500	48	143.0000	1.5000
			136702	378.20	379.20	1.00		18.1000	0.1500	71	123.0000	1.5000
			136703	379.20	380.00	0.80		34.7000	0.1500	23	139.0000	1.5000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JE08-01

Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **ASSAY**																		
136501	83.00	84.00		8.0000			40	63	71	0.3000	0.5000	6.0000	16.0000	0.1700	7.6600	610.0000	1.0000	1.0000
136502	84.00	85.00		7.0000			45	62	74	0.1500	0.5000	4.0000	17.0000	0.3000	7.1500	700.0000	1.0000	1.0000
136503	85.00	86.00		9.0000			48	64	82	0.1500	0.5000	6.0000	20.0000	0.2400	7.1900	460.0000	1.0000	1.0000
136504	86.00	87.00		10.0000			45	56	72	0.3000	0.5000	5.0000	17.0000	0.1900	4.4600	460.0000	0.5000	1.0000
136505	87.00	88.00		11.0000			47	62	73	0.1500	0.5000	5.0000	20.0000	0.1700	7.4200	500.0000	0.5000	1.0000
136506	88.00	89.00		10.0000			52	63	72	0.3000	0.5000	5.0000	20.0000	0.3000	6.6800	550.0000	0.5000	1.0000
136507	89.00	90.00		18.0000			56	76	77	0.1500	0.5000	4.0000	22.0000	0.2300	8.2900	900.0000	1.0000	1.0000
136508	90.00	91.00		14.0000			60	78	81	0.1500	0.5000	5.0000	21.0000	0.1700	7.7500	550.0000	1.0000	1.0000
136509	91.00	92.00		12.0000			52	77	78	0.1500	0.5000	5.0000	20.0000	0.2000	7.8700	25.0000	1.0000	1.0000
136510	92.00	92.70		16.0000			53	75	74	0.3000	0.5000	4.0000	23.0000	0.1600	7.9500	600.0000	1.0000	1.0000
136511	92.70	93.10		13.0000			55	75	73	0.1500	0.5000	4.0000	21.0000	0.1600	8.0400	630.0000	1.0000	1.0000
136513	93.10	93.90		18.0000			65	100	90	0.3000	3.0000	4.0000	27.0000	0.2100	9.4000	570.0000	1.0000	1.0000
136514	93.90	95.00		11.0000			52	74	80	0.1500	1.0000	7.0000	22.0000	0.2300	7.6100	470.0000	1.0000	1.0000
136515	95.00	96.00		14.0000			43	62	71	0.4000	1.0000	4.0000	19.0000	0.1500	5.1300	510.0000	0.5000	1.0000
136516	96.00	97.00		15.0000			49	67	73	0.1500	4.0000	4.0000	20.0000	0.1700	7.0700	25.0000	1.0000	1.0000
136517	97.00	98.00		16.0000			51	67	71	0.1500	0.5000	7.0000	20.0000	0.1400	7.5500	430.0000	1.0000	1.0000
136518	98.00	99.00		17.0000			51	69	73	0.1500	0.5000	4.0000	20.0000	0.1300	7.7400	470.0000	1.0000	1.0000
136519	99.00	100.00		18.0000			60	89	87	0.1500	2.0000	5.0000	22.0000	0.1600	9.0200	520.0000	1.0000	1.0000
136520	100.00	101.00		15.0000			60	84	84	0.4000	0.5000	5.0000	24.0000	0.1800	8.5000	790.0000	1.0000	1.0000
136521	101.00	102.00		15.0000			52	77	84	0.3000	0.5000	6.0000	21.0000	0.1400	8.0300	510.0000	1.0000	1.0000
136522	119.50	120.50		8.0000			53	66	73	0.1500	0.5000	3.0000	19.0000	0.2500	7.7800	640.0000	1.0000	1.0000
136523	120.50	121.20		8.0000			66	69	82	0.1500	0.5000	9.0000	26.0000	0.2100	7.2900	690.0000	1.0000	1.0000
136526	121.20	122.00		4.0000			46	63	71	0.1500	0.5000	4.0000	18.0000	0.2600	7.1300	620.0000	1.0000	1.0000
136527	131.20	132.20		5.0000			43	62	97	0.1500	0.5000	5.0000	17.0000	0.1900	7.5700	370.0000	1.0000	1.0000
136528	132.20	132.70		6.0000			47	59	110	0.1500	0.5000	5.0000	17.0000	0.1900	7.3500	540.0000	0.5000	1.0000
136529	132.70	133.70		5.0000			56	63	97	0.1500	0.5000	8.0000	18.0000	0.2800	7.5200	470.0000	0.5000	1.0000
136530	133.70	134.70		5.0000			51	65	93	0.1500	1.0000	4.0000	18.0000	0.2600	7.8700	500.0000	1.0000	1.0000
136531	134.70	135.70		7.0000			51	68	90	0.4000	0.5000	9.0000	19.0000	0.2200	8.2400	510.0000	1.0000	1.0000
136532	135.70	136.10		4.0000			74	80	81	0.3000	0.5000	4.0000	24.0000	0.4100	9.3500	830.0000	1.0000	1.0000
136533	136.10	136.60		2.0000			43	32	41	0.1500	0.5000	1.5000	9.0000	0.2500	4.2900	290.0000	0.5000	1.0000
136534	136.60	137.60		6.0000			36	62	76	0.4000	1.0000	3.0000	20.0000	0.2400	7.2000	730.0000	1.0000	1.0000
136535	137.60	138.60		7.0000			43	62	73	0.1500	0.5000	5.0000	17.0000	0.1800	7.7400	770.0000	1.0000	1.0000
136536	138.60	139.60		6.0000			51	63	75	0.1500	0.5000	3.0000	20.0000	0.2400	7.2200	470.0000	1.0000	1.0000
136537	217.50	218.50		9.0000			52	65	82	0.1500	0.5000	1.5000	20.0000	0.2300	7.6900	500.0000	1.0000	1.0000
136538	218.50	219.00		8.0000			47	59	70	0.1500	0.5000	6.0000	18.0000	0.2300	7.4300	540.0000	1.0000	1.0000
136539	219.00	220.00		10.0000			48	67	75	0.1500	1.0000	4.0000	20.0000	0.2200	8.3100	720.0000	1.0000	1.0000
136540	220.00	221.10		7.0000			49	68	82	0.3000	1.0000	1.5000	20.0000	0.2500	8.7500	660.0000	1.0000	1.0000
136541	221.10	221.70		3.0000			43	43	69	0.1500	2.0000	8.0000	14.0000	0.2900	6.0200	25.0000	0.5000	1.0000
136542	221.70	222.70		6.0000			54	71	81	0.1500	0.5000	4.0000	23.0000	0.2900	7.1600	670.0000	1.0000	1.0000
136543	222.70	223.70		6.0000			46	63	73	0.4000	1.0000	4.0000	20.0000	0.2500	4.8400	580.0000	1.0000	1.0000
136544	223.70	224.40		20.0000			90	85	78	0.1500	3.0000	1.5000	28.0000	0.3900	6.8900	400.0000	2.0000	1.0000

LAKE SHORE GOLD CORP.

Hole Number: JE 08-01 Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **ASSAY**																		
136545	224.40	225.40		6.0000			52	69	79	0.1500	0.5000	4.0000	20.0000	0.2600	7.4800	500.0000	1.0000	1.0000
136546	225.40	225.80		12.0000			37	68	74	0.1500	0.5000	5.0000	20.0000	0.1200	7.4700	680.0000	1.0000	1.0000
136547	225.80	226.80		6.0000			54	75	83	0.1500	0.5000	5.0000	21.0000	0.3500	7.9200	820.0000	1.0000	1.0000
136548	226.80	227.40		7.0000			56	83	88	0.3000	2.0000	3.0000	22.0000	0.2800	9.0100	590.0000	1.0000	1.0000
136549	227.40	228.40		8.0000			52	78	85	0.3000	0.5000	5.0000	21.0000	0.1900	7.7000	740.0000	1.0000	1.0000
136550	248.00	248.50		8.0000			36	64	70	0.1500	0.5000	4.0000	19.0000	0.1100	7.3300	420.0000	1.0000	1.0000
136626	248.50	249.50																
136627	249.50	250.50		7.0000			45	68	77	0.1500	1.0000	1.5000	17.0000	0.1700	7.0600	540.0000	1.0000	1.0000
136628	250.50	251.20		6.0000			22	37	45	0.1500	1.0000	1.5000	12.0000	0.1400	4.7900	360.0000	0.5000	1.0000
136629	251.20	252.00		7.0000			47	61	71	0.1500	1.0000	1.5000	19.0000	0.1800	5.6100	420.0000	0.5000	1.0000
136630	252.00	252.60		10.0000			45	77	82	0.1500	0.5000	3.0000	22.0000	0.1400	7.0700	750.0000	1.0000	1.0000
136631	252.60	253.20		9.0000			42	77	92	0.1500	0.5000	4.0000	23.0000	0.1700	7.3500	850.0000	2.0000	1.0000
136632	253.20	253.90		10.0000			62	73	80	0.1500	1.0000	4.0000	22.0000	0.3200	8.5300	25.0000	2.0000	1.0000
136633	253.90	254.30		8.0000			53	57	111	0.1500	2.0000	9.0000	19.0000	0.6900	6.2800	450.0000	1.0000	1.0000
136636	254.30	255.30		8.0000			35	66	77	0.1500	2.0000	10.0000	20.0000	0.1300	6.4800	550.0000	1.0000	1.0000
136637	320.20	321.10		11.0000			55	78	83	0.1500	0.5000	8.0000	22.0000	0.2500	6.9800	950.0000	1.0000	1.0000
136638	321.10	322.20		9.0000			53	69	80	0.1500	1.0000	1.5000	18.0000	0.3700	6.4900	490.0000	0.5000	1.0000
136639	322.20	323.20		40.0000			75	106	154	0.1500	0.5000	1.5000	53.0000	0.8100	6.8000	480.0000	0.5000	1.0000
136640	323.20	324.20		29.0000			52	49	150	0.1500	0.5000	1.5000	46.0000	0.5700	6.0000	25.0000	0.5000	1.0000
136641	324.20	325.30		21.0000			41	18	118	0.1500	0.5000	1.5000	34.0000	0.2800	5.4800	500.0000	0.5000	1.0000
136642	325.30	326.40		27.0000			46	17	99	0.3000	0.5000	1.5000	42.0000	0.3100	5.4000	370.0000	0.5000	1.0000
136643	326.40	327.40		24.0000			84	21	168	0.1500	0.5000	1.5000	49.0000	0.7200	6.1300	25.0000	0.5000	1.0000
136644	327.40	328.20		21.0000			40	20	150	0.1500	0.5000	1.5000	48.0000	1.0000	6.1300	25.0000	0.5000	1.0000
136645	328.20	329.00		9.0000			78	23	244	0.5000	0.5000	1.5000	45.0000	1.8800	5.7900	370.0000	0.5000	1.0000
136646	329.00	330.00		18.2000			84	46	104	0.1500	0.5000	5.0000	55.0000	1.6800	6.6900	370.0000	1.0000	1.0000
136647	330.00	331.30		15.4000			76	50	95	0.1500	0.5000	1.5000	49.0000	0.4100	6.7800	25.0000	1.0000	1.0000
136648	331.30	332.00		24.9000			49	48	86	0.1500	0.5000	3.0000	51.0000	0.2800	7.1200	25.0000	1.0000	1.0000
136649	332.00	332.60		20.3000			55	48	123	0.1500	0.5000	1.5000	53.0000	0.3800	7.2100	25.0000	1.0000	1.0000
136650	332.60	333.10		8.5000			69	45	141	0.1500	0.5000	4.0000	54.0000	0.4600	6.6500	570.0000	1.0000	1.0000
136651	333.10	334.10		15.0000			44	45	124	0.1500	0.5000	1.5000	48.0000	0.2400	7.5400	25.0000	1.0000	1.0000
136652	334.10	335.10		15.0000			41	48	123	0.1500	0.5000	1.5000	49.0000	0.3000	7.1500	420.0000	1.0000	1.0000
136653	335.10	336.10		5.2000			72	42	117	0.1500	0.5000	1.5000	49.0000	0.4200	5.4400	25.0000	1.0000	1.0000
136654	336.10	337.10		6.3000			67	45	132	0.1500	0.5000	1.5000	51.0000	0.3500	6.5500	25.0000	1.0000	1.0000
136655	337.10	338.10		9.4000			53	46	129	0.1500	0.5000	1.5000	55.0000	0.3000	6.7000	25.0000	1.0000	1.0000
136656	338.10	339.20		9.6000			43	45	134	0.1500	0.5000	1.5000	48.0000	0.2100	6.4400	25.0000	1.0000	1.0000
136657	339.20	340.20		20.1000			32	47	120	0.1500	0.5000	1.5000	52.0000	0.1700	7.2300	25.0000	1.0000	1.0000
136658	340.20	341.20		18.4000			38	47	133	0.1500	0.5000	1.5000	50.0000	0.1300	6.7800	25.0000	1.0000	1.0000
136659	341.20	342.20		14.9000			26	43	113	0.1500	0.5000	1.5000	49.0000	0.2000	6.5600	970.0000	1.0000	1.0000
136660	342.20	343.20		6.2000			76	42	106	0.1500	0.5000	1.5000	47.0000	0.4700	6.7900	1100.0000	1.0000	1.0000
136661	343.20	344.20		6.2000			35	44	110	0.1500	0.5000	1.5000	45.0000	0.1900	6.6600	700.0000	1.0000	1.0000
136662	344.20	345.20		11.6000			77	39	112	0.1500	0.5000	1.5000	52.0000	0.2200	4.8300	1000.0000	1.0000	1.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JE08-01

Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **ASSAY**																		
136663	345.20	346.20		8.7000			66	46	124	0.1500	0.5000	1.5000	49.0000	0.3100	6.3100	630.0000	1.0000	1.0000
136664	346.20	346.80		11.6000			40	39	94	0.1500	0.5000	1.5000	50.0000	0.2500	5.2500	620.0000	1.0000	1.0000
136667	346.80	347.80		9.6000			33	42	125	0.1500	0.5000	1.5000	49.0000	0.1200	6.4100	25.0000	1.0000	1.0000
136668	347.80	348.80		8.2000			42	45	123	0.1500	0.5000	1.5000	47.0000	0.2300	6.5800	25.0000	1.0000	1.0000
136669	348.80	349.80		7.1000			67	45	112	0.1500	0.5000	1.5000	50.0000	0.3100	6.5400	25.0000	1.0000	1.0000
136670	349.80	350.80		8.3000			63	46	120	0.1500	0.5000	1.5000	45.0000	0.2900	4.8400	25.0000	0.5000	1.0000
136671	350.80	351.80		8.0000			51	37	113	0.1500	0.5000	1.5000	45.0000	0.3000	1.4400	25.0000	0.5000	1.0000
136672	351.80	352.80		10.7000			45	47	137	0.1500	0.5000	1.5000	48.0000	0.2000	6.7200	280.0000	1.0000	1.0000
136673	352.80	353.80		6.2000			51	43	136	0.1500	0.5000	1.5000	48.0000	0.3500	6.4300	740.0000	1.0000	1.0000
136674	353.80	354.80		3.6000			58	41	135	0.1500	0.5000	1.5000	46.0000	0.2200	3.5100	230.0000	0.5000	1.0000
136675	354.80	355.80		7.8000			55	45	114	0.1500	0.5000	3.0000	42.0000	0.2800	6.5200	25.0000	1.0000	1.0000
136676	355.80	356.80		13.9000			26	47	118	0.1500	0.5000	1.5000	53.0000	0.2200	7.0600	25.0000	1.0000	1.0000
136677	356.80	357.80		8.3000			27	47	133	0.1500	0.5000	1.5000	50.0000	0.2300	7.1500	25.0000	1.0000	1.0000
136678	357.80	358.80		2.8000			54	48	145	0.1500	0.5000	1.5000	55.0000	0.3400	7.4900	25.0000	1.0000	1.0000
136679	358.80	359.60		4.1000			42	41	115	0.1500	0.5000	1.5000	48.0000	0.2900	6.8200	480.0000	1.0000	1.0000
136680	359.60	360.60		5.8000			35	44	117	0.1500	0.5000	1.5000	50.0000	0.2500	6.8800	530.0000	1.0000	1.0000
136681	360.60	361.60		4.7000			82	49	137	0.1500	0.5000	1.5000	56.0000	0.3800	4.9100	25.0000	1.0000	1.0000
136682	361.60	362.60		7.4000			64	46	146	0.1500	0.5000	1.5000	48.0000	0.2800	7.1100	25.0000	1.0000	1.0000
136683	362.60	363.60		11.6000			57	49	147	0.1500	0.5000	1.5000	52.0000	0.3800	6.9600	470.0000	1.0000	1.0000
136684	363.60	364.60		9.5000			63	43	131	0.1500	0.5000	1.5000	48.0000	0.3700	6.6200	25.0000	1.0000	1.0000
136685	364.60	365.60		21.3000			46	49	139	0.1500	0.5000	3.0000	47.0000	0.3400	7.2700	25.0000	1.0000	1.0000
136686	365.60	366.60		23.7000			38	45	153	0.1500	0.5000	3.0000	46.0000	0.2300	6.8100	25.0000	1.0000	1.0000
136687	366.60	367.60		17.9000			47	43	284	0.1500	0.5000	3.0000	45.0000	1.0700	5.8900	540.0000	1.0000	1.0000
136688	367.60	368.20		14.3000			77	40	347	0.1500	0.5000	5.0000	37.0000	1.0100	5.0200	690.0000	1.0000	1.0000
136691	368.20	368.60		6.7000			71	39	669	0.4000	8.0000	15.0000	30.0000	2.6500	3.8500	730.0000	1.0000	1.0000
136692	368.60	369.60		21.4000			46	39	201	0.1500	0.5000	3.0000	43.0000	0.5200	5.9400	250.0000	1.0000	1.0000
136693	369.60	370.90		28.9000			46	44	167	0.1500	0.5000	1.5000	45.0000	0.3200	6.4000	430.0000	1.0000	1.0000
136694	370.90	371.30		10.9000			46	29	266	0.1500	0.5000	3.0000	24.0000	0.6600	4.4700	270.0000	1.0000	1.0000
136695	371.30	372.20		31.6000			59	49	175	0.1500	0.5000	1.5000	56.0000	0.4000	7.1200	25.0000	1.0000	1.0000
136696	372.20	373.20		21.4000			65	48	174	0.1500	0.5000	1.5000	49.0000	0.3600	6.9800	440.0000	1.0000	1.0000
136697	373.20	374.60		29.7000			20	48	168	0.1500	0.5000	1.5000	53.0000	0.1700	7.7100	530.0000	1.0000	1.0000
136698	374.60	375.20		26.6000			60	47	142	0.1500	0.5000	1.5000	53.0000	0.3900	7.0000	290.0000	1.0000	1.0000
136699	375.20	376.20		40.8000			18	47	152	0.1500	0.5000	1.5000	56.0000	0.1400	7.3300	25.0000	1.0000	1.0000
136700	376.20	377.20		16.4000			67	41	138	0.1500	0.5000	3.0000	54.0000	0.4300	6.3700	380.0000	1.0000	1.0000
136701	377.20	378.20		25.2000			48	49	143	0.1500	0.5000	1.5000	57.0000	0.2900	6.8400	25.0000	1.0000	1.0000
136702	378.20	379.20		18.1000			71	41	123	0.1500	0.5000	1.5000	50.0000	0.2900	6.3400	840.0000	1.0000	1.0000
136703	379.20	380.00		34.7000			23	50	139	0.1500	0.5000	1.5000	52.0000	0.1300	7.2800	530.0000	1.0000	1.0000
Sample Type **Blank**																		
136512				6.0000			187	56	112	0.3000	0.5000	1.5000	51.0000	0.1400	6.3100	25.0000	0.5000	1.0000
136525				6.0000			187	54	109	0.1500	0.5000	1.5000	47.0000	0.1400	5.9500	560.0000	0.5000	1.0000
136635				0.2500			163	53	116	0.3000	0.5000	1.5000	46.0000	0.1500	6.0500	25.0000	0.5000	1.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: JE 08-01

Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **Blank**																		
136666				0.6000			163	52	111	0.1500	0.5000	1.5000	49.0000	0.1200	7.5000	25.0000	1.0000	1.0000
136690				7.2000			157	52	120	0.1500	0.5000	4.0000	53.0000	0.1500	7.2200	25.0000	1.0000	1.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02** Units: METRIC

Project Name:	Jessop	Primary Coordinates	Grid: NAD83:	Destination Coordinates	Grid:	Collar Dip:	-50.00
Project Number:	L93125	North:	5383309.00	North:		Collar Az:	155.00
Location:	Surface	East:	469022.00	East:		Length:	386.00
Claim Number:	4218497	Elev:	300.00	Elev:		Start Depth:	0.00
Date Started:	Aug 20, 2008	Collar Survey:	N	Plugged:	N	Contractor:	BRADLEY BROTHERS LTD.	Final Depth:	386.00
Date Completed:	Aug 27, 2008	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	Mine Site		
Logged By:	J.McKenzie	Pulse EM Survey:	N	Casing:	Left in Hole				

Comments: Targeting contact between mafic volcanics and meta-seds as outlined by OGS geology map of the Jessop Township.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
56.00	150.60	-48.80	REFL-E	OK		**107.00**	150.40	-44.90	REFL-E	OK	
158.00	152.60	-40.70	REFL-E	OK		**209.00**	153.80	-39.20	REFL-E	OK	
317.00	154.30	-30.10	REFL-E	OK		**368.00**	151.50	-27.90	REFL-E	OK	

Detailed Lithology

From	To	Lithology
0	**40.00**	**Casing (CAS)**
40.00	**81.50**	**Greywacke/argillite (6ga)** Fine to medium grained lithic wacke with 5-15cm wide interbedded graphitic argillite beds occuring throughout. Grey to dark grey in colour, with soft to moderate hardness. Patchy mineralization consisting primarily of Py and Po, occurs throughout. **Texture** 40.00 - 81.50: Fine to medium grained **Mineralization** 68.80 - 69.10, 3.0% Po, Blebby **Alteration** 40.00 - 81.50 : Chlorite, Patchy, Weak **Structure** 81.40 - 81.50: CNT contact, : Gradational Contact **Veining** 64.30 - 65.00 : , 15% Veining, 0, 0, 25% Cal, 0, 75% Qtz, Stockworks

Assay Data

Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
136562	0.00	1.00	1.00		0.2500	0.1500	166	113.0000	9.0000
136599	1.00	2.00	1.00		1.8000	0.1500	155	106.0000	5.0000
136551	63.30	64.30	1.00		8.7000	0.1500	36	77.0000	10.0000
136552	64.30	65.00	0.70		8.2000	0.1500	23	66.0000	7.0000
136553	65.00	66.00	1.00		7.5000	0.1500	37	82.0000	8.0000
136554	76.30	77.20	0.90		9.9000	0.1500	38	75.0000	9.0000
136555	77.20	78.10	0.90		9.4000	0.1500	76	62.0000	5.0000
136556	78.10	79.10	1.00		10.7000	0.4000	97	83.0000	11.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02**

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
81.50	**137.40**	**Turbidites (Greywacke-argillite) (6g)** Fine to medium grained interbedded wacke/argillite. Unit is comprised equal parts of both wacke and argillite. Bedding at approx 60 degrees to CA. **Texture** 81.50 - 137.40: Fine to medium grained **Alteration** 81.50 - 137.40 : Chlorite, Patchy, Weak **Structure** 88.40 - 97.40: CRN Crenulation, 85 Deg to CA 110.80 - 111.10: DSK Disking, 85 Deg to CA **Veining** 111.30 - 115.90 : , 30% Veining, 1% Tour, 0, 35% Cal, 0, 64% Qtz, Stringers 136.60 - 137.40 : , 30% Veining, 0, 0, 40% Cal, 0, 60% Qtz, Veins	136557	110.30	111.30	1.00		23.1000	0.1500	48	80.0000	9.0000
			136558	111.30	112.30	1.00		14.7000	0.1500	51	217.0000	7.0000
			136559	112.30	113.00	0.70		24.6000	0.4000	36	79.0000	8.0000
			136560	113.00	113.50	0.50		16.3000	0.1500	20	58.0000	7.0000
			136563	113.50	114.20	0.70		16.3000	0.1500	32	66.0000	6.0000
			136564	114.20	115.20	1.00		17.9000	0.1500	39	67.0000	8.0000
			136565	115.20	115.90	0.70		17.3000	0.1500	30	65.0000	5.0000
			136566	115.90	116.90	1.00		13.7000	0.1500	30	62.0000	8.0000
			136567	116.90	117.90	1.00		11.6000	0.1500	39	77.0000	8.0000
			136568	117.90	118.90	1.00		9.9000	0.1500	39	71.0000	11.0000
			136569	118.90	119.90	1.00		11.3000	0.1500	43	76.0000	9.0000
			136570	119.90	121.00	1.10		12.6000	0.1500	41	74.0000	8.0000
			136571	135.60	136.60	1.00		25.9000	0.4000	40	78.0000	7.0000
			136572	136.60	137.40	0.80		29.4000	0.1500	37	65.0000	7.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02** Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
137.40	**154.40**	**Greywacke/argillite (6ga)** Fine to medium grained interbedded lithic wacke. Minor graphitic argillite interbeds occur trhoughout, as 5-25 cm wide intervals. Argillite comprises approx 10% of unit. **Texture** 137.40 - 154.40: Fine to medium grained **Alteration** 137.40 - 154.40 : Chlorite, Pervasive, Weak **Structure** 154.30 - 154.40: CNT contact, 65 Deg to CA **Veining** 139.70 - 140.50 : , 35% Veining, 0, 0, 25% Cal, 0, 75% Qtz, Veins **MINOR INTERVALS:** **Minor Interval:** 144.3 - 144.8 Biotite-phyric / Lamprophyre (7r) Medium grained lamp dyke, weak carbonate and biotie alteration throughout. **Texture** 144.30 - 144.80: Medium Grained **Alteration** 144.30 - 144.80 : Biotite, Pervasive, Weak to moderate 144.30 - 144.80 : Calcite, Pervasive, Weak **Structure** 144.30 - 144.35: contact, 65 Deg to CA 144.75 - 144.80: contact, 65 Deg to CA	136573	137.40	138.40	1.00		28.9000	0.1500	41	72.0000	5.0000
			136574	138.40	139.70	1.30		23.4000	0.1500	40	75.0000	6.0000
			136575	139.70	140.50	0.80		21.3000	0.1500	33	55.0000	8.0000
			136576	140.50	141.50	1.00		19.4000	0.1500	33	62.0000	5.0000
			136577	141.50	142.50	1.00		19.9000	0.1500	32	69.0000	6.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02**

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
154.40	**178.60**	**Conglomerate, polymictic (6e)** Grey-green moderately hard polymictic conglomerate. Clast range in size from 5-15cm . Weak spotty carb alteration along upper contact. **Texture** 154.40 - 178.60: Heterogeneous **Alteration** 154.40 - 162.00 : Calcite, Patchy, Weak 154.40 - 178.60 : Chlorite, Pervasive, Weak **Structure** 178.50 - 178.60: CNT contact, 65 Deg to CA **Veining** 167.10 - 167.60 : , 30% Veining, 0, 0, 35% Cal, 0, 65% Qtz, Breccia 172.00 - 172.50 : , 15% Veining, 0, 0, 10% Cal, 0, 90% Qtz, Grey quartz: Stringer Zone 174.80 - 176.10 : , 25% Veining, 0, 0, 10% Cal, 0, 90% Qtz, Grey quartz: Stringer Zone	136578	165.20	166.20	1.00		22.2000	0.1500	35	67.0000	8.0000
			136579	166.20	167.20	1.00		20.9000	0.1500	44	72.0000	13.0000
			136580	167.20	167.70	0.50		20.2000	0.1500	32	165.0000	7.0000
			136581	167.70	168.70	1.00		27.9000	0.1500	33	64.0000	13.0000
			136582	171.20	172.00	0.80		50.2000	0.1500	30	54.0000	8.0000
			136583	172.00	172.50	0.50		46.6000	0.1500	27	56.0000	10.0000
			136584	172.50	173.50	1.00		51.1000	0.1500	31	57.0000	11.0000
			136585	173.50	174.80	1.30		45.2000	0.4000	31	59.0000	12.0000
			136586	174.80	175.60	0.80		39.6000	0.1500	25	49.0000	7.0000
			136587	175.60	176.10	0.50		29.2000	0.4000	43	70.0000	8.0000
			136588	176.10	177.10	1.00		37.8000	0.1500	35	72.0000	5.0000
			136589	177.10	178.10	1.00		45.5000	0.1500	43	64.0000	7.0000
			136590	178.10	178.60	0.50		28.4000	0.1500	35	68.0000	14.0000
178.60	**199.20**	**Interflow graphitic sediment (6na)** Weakly sheared graphitic argillite. Minor amounts of wacke inter bedding, approx 3-5%. Qtz-carb occurs throughout as 1-5cm wide fragments. Locally 1-2% fine to medium grained py. **Texture** 178.60 - 199.20: Fine Grained **Mineralization** 178.60 - 199.20, 1.5% Py, Blebby **Alteration** 178.60 - 199.20 : Calcite, Patchy, Weak **Structure** 178.60 - 199.20: CNTD Contorted, 55 Deg to CA : locally crenulated. 183.00 - 196.00: BX Brecciation, 55 Deg to CA 199.10 - 199.20: bad banded, 60 Deg to CA **Veining** 184.10 - 184.60 : , 70% Veining, 0, 5% Ank, 25% Cal, 0, 70% Qtz, Veins 185.50 - 185.80 : , 40% Veining, 0, 0, 10% Cal, 0, 90% Qtz, Veinlets	136591	178.60	179.60	1.00		32.4000	0.1500	55	76.0000	5.0000
			136592	179.60	180.60	1.00		26.8000	0.4000	50	93.0000	5.0000
			136593	180.60	181.60	1.00		32.6000	0.1500	52	80.0000	10.0000
			136594	181.60	182.60	1.00		30.2000	0.1500	43	78.0000	9.0000
			136595	182.60	183.60	1.00		32.7000	0.1500	47	97.0000	8.0000
			136596	183.60	184.10	0.50		28.9000	0.1500	48	86.0000	7.0000
			136597	184.10	184.60	0.50		25.3000	0.1500	33	71.0000	15.0000
			136600	184.60	185.40	0.80		28.0000	0.1500	45	83.0000	7.0000
			136601	185.40	185.90	0.50		28.6000	0.1500	49	79.0000	14.0000
			136602	185.90	186.90	1.00		34.3000	0.1500	52	87.0000	8.0000
			136603	186.90	187.90	1.00		32.5000	0.1500	48	61.0000	8.0000
			136604	193.50	194.50	1.00		26.7000	0.1500	40	69.0000	6.0000
			136605	194.50	195.10	0.60		17.4000	0.1500	26	65.0000	6.0000
			136606	195.10	196.30	1.20		16.2000	0.1500	45	81.0000	6.0000
			136607	196.30	197.30	1.00		7.2000	0.1500	41	72.0000	8.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02**

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
199.20	**210.30**	**Conglomerate, polymictic (6e)** Fine to medium grained poly mictic conglomerate. Clast component more difficult to discern as in previous conglom unit, (Stretched?). 1-2% medium grained anhedral pyrite throughout. **Texture** 199.20 - 210.30: Fine to medium grained **Mineralization** 199.20 - 210.30, 1.5% Py, Medium Grained **Alteration** 199.20 - 210.30 : Chlorite, Pervasive, Weak **Structure** 210.20 - 210.30: CNT contact, 65 Deg to CA **Veining** 207.30 - 209.00 : , 25% Veining, 0, 0, 10% Cal, 0, 90% Qtz, Veinlets	136608	206.30	207.30	1.00		75.2000	0.1500	29	70.0000	7.0000
			136609	207.30	208.10	0.80		70.6000	0.1500	32	65.0000	8.0000
			136610	208.10	209.00	0.90		55.1000	0.4000	26	67.0000	8.0000
			136611	209.00	210.30	1.30		53.3000	0.1500	34	66.0000	7.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02**

Units: METRIC

Detailed Lithology		
From	To	Lithology
210.30	386.00	**Greywacke/argillite (6ga)** Fine to medium grained argillite, with 25-30% interbedded wacke ooccuring throughout. Unit contains approx 1-2% fine grained py throughout. Bedding at approx 60 degrees to Ca. **Texture** 210.30 - 386.00: Fine to medium grained **Mineralization** 214.60 - 214.80, 4.0% Py, Vein Hosted 221.40 - 221.90, 4.0% Py, Vein Hosted 229.75 - 248.40, 4.0% Py, 1.0% Po, Disseminated 318.80 - 319.00, 8.0% Py, Vein Hosted 345.50 - 345.60, 8.0% Py, Vein Hosted 368.80 - 369.10, 2.0% Py, Vein Hosted 374.50 - 374.60, 3.0% Py, Vein Hosted **Alteration** 210.30 - 386.00 : Chlorite, Pervasive, Weak 210.30 - 386.00 : Calcite, Patchy, Very weak **Structure** 210.30 - 386.00: BD Bedded, 60 Deg to CA 270.10 - 270.20: G Gouge, 55 Deg to CA 273.00 - 273.10: G Gouge, 55 Deg to CA 302.00 - 303.80: FBX Fault Breccia, 65 Deg to CA 353.20 - 353.30: G Gouge, 75 Deg to CA **Veining** 214.60 - 214.80 : , 100% Veining, 0, 5% Ank, 10% Cal, 0, 85% Qtz, Veinlets 221.40 - 221.90 : , 90% Veining, 0, 10% Ank, 20% Cal, 0, 70% Qtz, Veins 228.00 - 228.50 : , 60% Veining, 0, 10% Ank, 10% Cal, 0, 90% Qtz, Breccia 291.80 - 292.20 : , 95% Veining, 0, 0, 5% Cal, 0, 95% Qtz, White quartz 345.50 - 345.60 : , 100% Veining, 0, 75% Ank, 0, 0, 25% Qtz, Veinlets 368.80 - 369.10 : , 95% Veining, 0, 25% Ank, 5% Cal, 0, 70% Qtz, Veins 374.50 - 374.60 : , 40% Veining, 0, 50% Ank, 0, 0, 50% Qtz, Veinlets

Assay Data									
Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
136612	214.00	214.50	0.50		31.7000	0.4000	43	102.0000	8.0000
136613	214.50	215.00	0.50		38.1000	0.5000	44	102.0000	8.0000
136614	215.00	216.00	1.00		41.9000	0.1500	50	125.0000	7.0000
136615	220.20	221.40	1.20		44.6000	0.1500	40	105.0000	5.0000
136616	221.40	221.90	0.50		21.6000	0.1500	41	82.0000	4.0000
136617	221.90	222.90	1.00		48.5000	1.8000	43	155.0000	13.0000
136618	222.90	224.00	1.10		41.3000	0.4000	41	114.0000	6.0000
136619	224.00	224.90	0.90		38.0000	0.4000	55	111.0000	7.0000
136620	224.90	225.40	0.50		31.1000	0.1500	44	92.0000	9.0000
136621	225.40	226.50	1.10		45.4000	0.1500	42	122.0000	7.0000
136622	226.50	228.00	1.50		49.7000	0.1500	39	116.0000	8.0000
136623	228.00	228.50	0.50		23.5000	0.1500	46	89.0000	5.0000
136624	228.50	229.50	1.00		42.7000	0.1500	59	115.0000	8.0000
136625	229.50	230.50	1.00		43.3000	0.1500	73	118.0000	10.0000
135501	230.50	231.50	1.00		53.3000	0.4000	54	118.0000	9.0000
135502	231.50	232.50	1.00		49.2000	0.1500	51	117.0000	7.0000
135503	290.80	291.80	1.00		37.6000	0.4000	45	101.0000	7.0000
135504	291.80	292.20	0.40		19.0000	0.1500	17	50.0000	5.0000
135505	292.20	293.00	0.80		48.3000	0.1500	48	106.0000	6.0000
135506	312.60	313.50	0.90		36.5000	0.1500	54	82.0000	8.0000
135507	313.50	314.50	1.00		45.2000	0.5000	59	126.0000	9.0000
135508	314.50	316.00	1.50		43.9000	0.1500	50	106.0000	6.0000
135509	316.00	317.50	1.50		45.3000	0.1500	50	116.0000	7.0000
135510	317.50	318.50	1.00		42.8000	0.1500	49	113.0000	9.0000
135511	318.50	319.00	0.50		22.6000	0.6000	37	93.0000	20.0000
135512	319.00	319.80	0.80		5.7000	0.7000	22	131.0000	13.0000
135513	319.80	320.50	0.70		6.4000	0.7000	22	85.0000	14.0000
135514	320.50	321.50	1.00		39.1000	0.1500	47	113.0000	8.0000
135515	330.80	331.80	1.00		35.3000	0.4000	47	115.0000	7.0000
135516	331.80	332.20	0.40		73.8000	0.1500	53	87.0000	5.0000
135517	332.20	333.20	1.00		35.5000	0.1500	42	108.0000	8.0000
135518	347.90	348.90	1.00		49.7000	0.1500	81	101.0000	6.0000
135519	348.90	349.50	0.60		91.8000	0.1500	93	69.0000	6.0000
135520	349.50	350.50	1.00		45.0000	0.1500	41	123.0000	8.0000
135521	367.70	368.70	1.00		35.7000	0.4000	56	112.0000	6.0000
135522	368.70	369.20	0.50		32.4000	0.1500	55	64.0000	3.0000
135523	369.20	370.20	1.00		39.9000	0.1500	56	110.0000	5.0000
135524	370.20	371.50	1.30		37.5000	0.1500	51	121.0000	6.0000
135525	371.50	372.70	1.20		40.7000	0.5000	62	124.0000	4.0000
135526	372.70	373.80	1.10		111.0000	0.1500	79	94.0000	6.0000
135527	373.80	374.30	0.50		40.9000	0.4000	66	99.0000	10.0000
135528	374.30	374.80	0.50		42.1000	0.5000	83	102.0000	9.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02**

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
		MINOR INTERVALS: **Minor Interval:** 312.6 - 313.5 Felsite dike/sill (11d) Fine grained massive felsic to intermediate intrusive. Pale/light grey in colour. **Texture** 312.60 - 313.50: Fine Grained **Structure** 312.60 - 312.65: contact, 70 Deg to CA 313.45 - 313.50: contact, 70 Deg to CA **Minor Interval:** 319 - 320.5 Felsite dike/sill (11d) Fine grained massive felsic to intermediate intrusive. Pale/light grey in colour. **Texture** 319.00 - 320.50: Fine Grained **Structure** 319.00 - 319.05: contact, 70 Deg to CA 320.45 - 320.50: contact, 70 Deg to CA **Minor Interval:** 331.8 - 332.2 Felsite dike/sill (11d) Fine grained massive felsic to intermediate intrusive. Pale/light grey in colour. **Texture** 331.80 - 332.20: Fine Grained **Structure** 331.80 - 331.85: contact, 70 Deg to CA 332.15 - 332.20: contact, 70 Deg to CA **Minor Interval:** 348.9 - 349.5 Felsite dike/sill (11d) Fine grained massive felsic to intermediate intrusive. Pale/light grey in colour. **Texture** 348.90 - 349.50: Fine Grained **Structure** 348.90 - 348.95: contact, 70 Deg to CA 349.45 - 349.50: contact, 75 Deg to CA **Minor Interval:** 372.7 - 373.8 Felsite dike/sill (11d) Fine grained massive felsic to intermediate intrusive. Pale/light grey in colour. **Texture** 372.70 - 373.80: Fine Grained **Structure** 372.70 - 372.75: contact, 70 Deg to CA 373.75 - 373.80: contact, 70 Deg to CA										

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02** Units: METRIC

Detailed Lithology			Assay Data									
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02**

Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **ASSAY**																		
136551	63.30	64.30		8.7000			36	62	77	0.1500	0.5000	10.0000	14.0000	0.1400	8.5900	840.0000	1.0000	1.0000
136552	64.30	65.00		8.2000			23	54	66	0.1500	0.5000	7.0000	16.0000	0.0900	8.3000	570.0000	1.0000	1.0000
136553	65.00	66.00		7.5000			37	67	82	0.1500	0.5000	8.0000	17.0000	0.1300	8.7400	25.0000	1.0000	1.0000
136554	76.30	77.20		9.9000			38	94	75	0.1500	0.5000	9.0000	17.0000	0.1200	8.4200	550.0000	1.0000	1.0000
136555	77.20	78.10		9.4000			76	98	62	0.1500	1.0000	5.0000	29.0000	0.2600	7.1700	25.0000	2.0000	1.0000
136556	78.10	79.10		10.7000			97	85	83	0.4000	1.0000	11.0000	22.0000	0.1500	9.2600	25.0000	1.0000	1.0000
136557	110.30	111.30		23.1000			48	77	80	0.1500	0.5000	9.0000	22.0000	0.1600	6.3100	500.0000	1.0000	1.0000
136558	111.30	112.30		14.7000			51	85	217	0.1500	1.0000	7.0000	23.0000	0.3600	8.6500	660.0000	1.0000	1.0000
136559	112.30	113.00		24.6000			36	78	79	0.4000	0.5000	8.0000	19.0000	0.2000	8.3500	400.0000	1.0000	1.0000
136560	113.00	113.50		16.3000			20	48	58	0.1500	0.5000	7.0000	13.0000	0.1200	7.0400	720.0000	1.0000	1.0000
136563	113.50	114.20		16.3000			32	63	66	0.1500	0.5000	6.0000	17.0000	0.1400	7.9100	700.0000	1.0000	1.0000
136564	114.20	115.20		17.9000			39	66	67	0.1500	1.0000	8.0000	19.0000	0.1800	6.6300	660.0000	1.0000	1.0000
136565	115.20	115.90		17.3000			30	62	65	0.1500	0.5000	5.0000	15.0000	0.0900	4.9500	380.0000	1.0000	1.0000
136566	115.90	116.90		13.7000			30	59	62	0.1500	0.5000	8.0000	18.0000	0.1100	7.1800	400.0000	1.0000	1.0000
136567	116.90	117.90		11.6000			39	76	77	0.1500	0.5000	8.0000	19.0000	0.1300	8.3000	25.0000	1.0000	1.0000
136568	117.90	118.90		9.9000			39	72	71	0.1500	0.5000	11.0000	17.0000	0.1400	8.0500	380.0000	1.0000	1.0000
136569	118.90	119.90		11.3000			43	82	76	0.1500	0.5000	9.0000	18.0000	0.1400	8.6700	640.0000	1.0000	1.0000
136570	119.90	121.00		12.6000			41	77	74	0.1500	0.5000	8.0000	20.0000	0.1800	8.9600	540.0000	1.0000	1.0000
136571	135.60	136.60		25.9000			40	67	78	0.4000	0.5000	7.0000	18.0000	0.2100	8.8100	250.0000	1.0000	1.0000
136572	136.60	137.40		29.4000			37	62	65	0.1500	0.5000	7.0000	19.0000	0.2100	8.1700	730.0000	1.0000	1.0000
136573	137.40	138.40		28.9000			41	68	72	0.1500	0.5000	5.0000	18.0000	0.1700	10.6000	610.0000	1.0000	1.0000
136574	138.40	139.70		23.4000			40	68	75	0.1500	0.5000	6.0000	19.0000	0.1500	8.8600	550.0000	1.0000	1.0000
136575	139.70	140.50		21.3000			33	60	55	0.1500	0.5000	8.0000	15.0000	0.1200	5.9600	400.0000	1.0000	1.0000
136576	140.50	141.50		19.4000			33	63	62	0.1500	0.5000	5.0000	17.0000	0.2100	7.6400	690.0000	1.0000	1.0000
136577	141.50	142.50		19.9000			32	62	69	0.1500	0.5000	6.0000	18.0000	0.1700	8.2700	600.0000	1.0000	1.0000
136578	165.20	166.20		22.2000			35	64	67	0.1500	0.5000	8.0000	19.0000	0.2100	10.2000	610.0000	1.0000	1.0000
136579	166.20	167.20		20.9000			44	62	72	0.1500	0.5000	13.0000	14.0000	0.1600	7.5000	560.0000	1.0000	1.0000
136580	167.20	167.70		20.2000			32	63	165	0.1500	1.0000	7.0000	14.0000	0.1900	6.8100	410.0000	1.0000	1.0000
136581	167.70	168.70		27.9000			33	61	64	0.1500	0.5000	13.0000	18.0000	0.1100	8.3500	490.0000	1.0000	1.0000
136582	171.20	172.00		50.2000			30	63	54	0.1500	1.0000	8.0000	15.0000	0.0500	9.2000	630.0000	2.0000	1.0000
136583	172.00	172.50		46.6000			27	57	56	0.1500	1.0000	10.0000	14.0000	0.0600	8.4000	610.0000	1.0000	1.0000
136584	172.50	173.50		51.1000			31	58	57	0.1500	1.0000	11.0000	16.0000	0.0700	8.6000	400.0000	1.0000	1.0000
136585	173.50	174.80		45.2000			31	62	59	0.4000	1.0000	12.0000	16.0000	0.0900	8.8700	340.0000	1.0000	1.0000
136586	174.80	175.60		39.6000			25	53	49	0.1500	1.0000	7.0000	13.0000	0.1000	2.7900	25.0000	1.0000	1.0000
136587	175.60	176.10		29.2000			43	69	70	0.4000	0.5000	8.0000	17.0000	0.3000	7.8400	25.0000	1.0000	1.0000
136588	176.10	177.10		37.8000			35	65	72	0.1500	0.5000	5.0000	18.0000	0.1800	8.3600	25.0000	1.0000	1.0000
136589	177.10	178.10		45.5000			43	80	64	0.1500	0.5000	7.0000	22.0000	0.1500	9.3600	490.0000	1.0000	1.0000
136590	178.10	178.60		28.4000			35	63	68	0.1500	0.5000	14.0000	16.0000	0.1500	7.8500	360.0000	1.0000	1.0000
136591	178.60	179.60		32.4000			55	94	76	0.1500	1.0000	5.0000	24.0000	0.2500	10.7000	660.0000	1.0000	1.0000
136592	179.60	180.60		26.8000			50	83	93	0.4000	1.0000	5.0000	21.0000	0.2200	9.2900	520.0000	1.0000	1.0000
136593	180.60	181.60		32.6000			52	97	80	0.1500	0.5000	10.0000	24.0000	0.1400	9.9400	570.0000	1.0000	1.0000

LAKE SHORE GOLD CORP.

Hole Number: **JE08-02** Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **ASSAY**																		
136594	181.60	182.60		30.2000			43	85	78	0.1500	1.0000	9.0000	25.0000	0.1600	8.5400	420.0000	1.0000	1.0000
136595	182.60	183.60		32.7000			47	109	97	0.1500	0.5000	8.0000	23.0000	0.1200	4.7600	610.0000	1.0000	1.0000
136596	183.60	184.10		28.9000			48	91	86	0.1500	1.0000	7.0000	23.0000	0.1500	8.4200	600.0000	1.0000	1.0000
136597	184.10	184.60		25.3000			33	74	71	0.1500	0.5000	15.0000	18.0000	0.2700	7.8300	500.0000	1.0000	1.0000
136600	184.60	185.40		28.0000			45	82	83	0.1500	1.0000	7.0000	21.0000	0.2100	9.6400	560.0000	1.0000	1.0000
136601	185.40	185.90		28.6000			49	80	79	0.1500	1.0000	14.0000	18.0000	0.2700	7.3600	390.0000	1.0000	1.0000
136602	185.90	186.90		34.3000			52	96	87	0.1500	3.0000	8.0000	20.0000	0.1500	9.9800	410.0000	1.0000	1.0000
136603	186.90	187.90		32.5000			48	89	61	0.1500	15.0000	8.0000	19.0000	0.4000	10.1000	330.0000	1.0000	1.0000
136604	193.50	194.50		26.7000			40	68	69	0.1500	1.0000	6.0000	19.0000	0.1600	7.7800	530.0000	1.0000	1.0000
136605	194.50	195.10		17.4000			26	67	65	0.1500	1.0000	6.0000	18.0000	0.1700	5.5000	370.0000	1.0000	1.0000
136606	195.10	196.30		16.2000			45	67	81	0.1500	2.0000	6.0000	20.0000	0.4000	7.7100	900.0000	2.0000	1.0000
136607	196.30	197.30		7.2000			41	68	72	0.1500	0.5000	8.0000	20.0000	0.2800	7.9000	440.0000	1.0000	1.0000
136608	206.30	207.30		75.2000			29	66	70	0.1500	0.5000	7.0000	18.0000	0.0700	8.5000	590.0000	1.0000	1.0000
136609	207.30	208.10		70.6000			32	71	65	0.1500	0.5000	8.0000	17.0000	0.0600	9.5100	880.0000	1.0000	1.0000
136610	208.10	209.00		55.1000			26	64	67	0.4000	0.5000	8.0000	17.0000	0.1200	8.2100	490.0000	1.0000	1.0000
136611	209.00	210.30		53.3000			34	69	66	0.1500	0.5000	7.0000	15.0000	0.1400	8.8600	630.0000	1.0000	1.0000
136612	214.00	214.50		31.7000			43	54	102	0.4000	0.5000	8.0000	18.0000	0.2500	11.9000	460.0000	2.0000	1.0000
136613	214.50	215.00		38.1000			44	59	102	0.5000	1.0000	8.0000	23.0000	0.3100	7.3800	260.0000	1.0000	1.0000
136614	215.00	216.00		41.9000			50	53	125	0.1500	1.0000	7.0000	22.0000	0.4200	4.2600	380.0000	1.0000	1.0000
136615	220.20	221.40		44.6000			40	52	105	0.1500	1.0000	5.0000	23.0000	0.1900	10.3000	25.0000	1.0000	1.0000
136616	221.40	221.90		21.6000			41	21	82	0.1500	0.5000	4.0000	10.0000	0.1600	5.9200	25.0000	1.0000	1.0000
136617	221.90	222.90		48.5000			43	64	155	1.8000	1.0000	13.0000	22.0000	0.2200	9.6600	570.0000	1.0000	1.0000
136618	222.90	224.00		41.3000			41	53	114	0.4000	0.5000	6.0000	21.0000	0.1900	9.3500	390.0000	1.0000	1.0000
136619	224.00	224.90		38.0000			55	56	111	0.4000	0.5000	7.0000	21.0000	0.3400	9.0300	330.0000	1.0000	1.0000
136620	224.90	225.40		31.1000			44	42	92	0.1500	0.5000	9.0000	15.0000	0.2700	9.0900	25.0000	1.0000	1.0000
136621	225.40	226.50		45.4000			42	61	122	0.1500	0.5000	7.0000	25.0000	0.2500	12.8000	330.0000	2.0000	1.0000
136622	226.50	228.00		49.7000			39	67	116	0.1500	0.5000	8.0000	30.0000	0.1600	12.9000	440.0000	2.0000	1.0000
136623	228.00	228.50		23.5000			46	46	89	0.1500	1.0000	5.0000	21.0000	0.6000	10.6000	25.0000	1.0000	1.0000
136624	228.50	229.50		42.7000			59	65	115	0.1500	0.5000	8.0000	28.0000	0.3900	12.8000	25.0000	1.0000	1.0000
136625	229.50	230.50		43.3000			73	64	118	0.1500	0.5000	10.0000	26.0000	0.4300	11.6000	25.0000	1.0000	1.0000
135501	230.50	231.50		53.3000			54	64	118	0.4000	1.0000	9.0000	29.0000	0.1700	12.8000	230.0000	1.0000	1.0000
135502	231.50	232.50		49.2000			51	54	117	0.1500	0.5000	7.0000	25.0000	0.2400	13.2000	25.0000	1.0000	1.0000
135503	290.80	291.80		37.6000			45	56	101	0.4000	0.5000	7.0000	26.0000	0.2600	11.7000	25.0000	1.0000	1.0000
135504	291.80	292.20		19.0000			17	23	50	0.1500	1.0000	5.0000	12.0000	0.0700	4.9800	200.0000	1.0000	1.0000
135505	292.20	293.00		48.3000			48	56	106	0.1500	0.5000	6.0000	32.0000	0.1900	12.7000	440.0000	1.0000	1.0000
135506	312.60	313.50		36.5000			54	36	82	0.1500	0.5000	8.0000	23.0000	0.1100	9.5400	25.0000	2.0000	1.0000
135507	313.50	314.50		45.2000			59	66	126	0.5000	0.5000	9.0000	31.0000	0.4100	11.9000	470.0000	1.0000	1.0000
135508	314.50	316.00		43.9000			50	59	106	0.1500	0.5000	6.0000	29.0000	0.3000	11.7000	440.0000	1.0000	1.0000
135509	316.00	317.50		45.3000			50	64	116	0.1500	0.5000	7.0000	24.0000	0.2900	12.4000	330.0000	1.0000	1.0000
135510	317.50	318.50		42.8000			49	60	113	0.1500	0.5000	9.0000	25.0000	0.3400	11.3000	250.0000	1.0000	1.0000
135511	318.50	319.00		22.6000			37	67	93	0.6000	1.0000	20.0000	29.0000	1.5300	10.6000	540.0000	1.0000	1.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-02**

Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **ASSAY**																		
135512	319.00	319.80		5.7000			22	2	131	0.7000	1.0000	13.0000	4.0000	0.6800	12.2000	25.0000	3.0000	1.0000
135513	319.80	320.50		6.4000			22	2	85	0.7000	0.5000	14.0000	5.0000	0.8000	8.4100	360.0000	3.0000	1.0000
135514	320.50	321.50		39.1000			47	67	113	0.1500	1.0000	8.0000	29.0000	0.4900	11.6000	400.0000	2.0000	1.0000
135515	330.80	331.80		35.3000			47	57	115	0.4000	0.5000	7.0000	24.0000	0.2500	11.4000	610.0000	1.0000	1.0000
135516	331.80	332.20		73.8000			53	73	87	0.1500	0.5000	5.0000	33.0000	0.0100	8.7600	25.0000	1.0000	1.0000
135517	332.20	333.20		35.5000			42	54	108	0.1500	0.5000	8.0000	21.0000	0.2700	12.2000	530.0000	2.0000	1.0000
135518	347.90	348.90		49.7000			81	65	101	0.1500	0.5000	6.0000	33.0000	0.3600	12.5000	550.0000	1.0000	1.0000
135519	348.90	349.50		91.8000			93	92	69	0.1500	0.5000	6.0000	37.0000	0.1200	7.8400	25.0000	1.0000	1.0000
135520	349.50	350.50		45.0000			41	56	123	0.1500	0.5000	8.0000	23.0000	0.2400	12.3000	460.0000	1.0000	1.0000
135521	367.70	368.70		35.7000			56	61	112	0.4000	0.5000	6.0000	27.0000	0.4700	12.8000	410.0000	2.0000	1.0000
135522	368.70	369.20		32.4000			55	42	64	0.1500	0.5000	3.0000	18.0000	0.2400	7.2900	360.0000	1.0000	1.0000
135523	369.20	370.20		39.9000			56	57	110	0.1500	0.5000	5.0000	24.0000	0.2200	12.8000	590.0000	2.0000	1.0000
135524	370.20	371.50		37.5000			51	60	121	0.1500	0.5000	6.0000	24.0000	0.3300	13.4000	540.0000	2.0000	1.0000
135525	371.50	372.70		40.7000			62	55	124	0.5000	2.0000	4.0000	23.0000	0.3800	14.9000	810.0000	2.0000	1.0000
135526	372.70	373.80		111.0000			79	134	94	0.1500	0.5000	6.0000	43.0000	0.0200	7.5800	25.0000	1.0000	1.0000
135527	373.80	374.30		40.9000			66	57	99	0.4000	1.0000	10.0000	23.0000	0.2300	13.3000	590.0000	2.0000	1.0000
135528	374.30	374.80		42.1000			83	54	102	0.5000	0.5000	9.0000	26.0000	0.3000	10.6000	580.0000	2.0000	1.0000
Sample Type **Blank**																		
136562				0.2500			166	50	113	0.1500	0.5000	9.0000	46.0000	0.1300	7.0500	25.0000	1.0000	1.0000
136599				1.8000			155	50	106	0.1500	0.5000	5.0000	49.0000	0.1300	7.0300	360.0000	1.0000	1.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-03** Units: METRIC

Project Name:	Jessop	Primary Coordinates	Grid: NAD83:		Destination Coordinates	Grid:	Collar Dip: -50.00
Project Number:	L93125	North:	5382938.00		North:		Collar Az: 160.00
Location:	Surface	East:	467982.00		East:		Length: 274.30
Claim Number:	4218496	Elev:	300.00		Elev:		Start Depth: 0.00
Date Started:	Aug 28, 2008	Collar Survey:	N	Plugged: N	Contractor:	BRADLEY BROTHERS LTD.	Final Depth: 274.30
Date Completed:	Sep 09, 2008	Multishot Survey:	N	Hole Size: NQ	Core Storage:	Mine Site	
Logged By:	J.McKenzie	Pulse EM Survey:	N	Casing: Left in Hole			

Comments:

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
62.00	161.50	-49.60	REFL-E	OK		**113.00**	163.00	-49.20	REFL-E	OK	
164.00	163.80	-49.70	REFL-E	OK		**215.00**	168.00	-49.50	REFL-E	OK	
266.00	169.00	-48.90	REFL-E	OK							

Detailed Lithology

From	To	Lithology
0	**52.00**	**Casing (CAS)**

Assay Data

Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
135549	0.00	1.00	1.00		0.2500	0.1500	188	121.0000	7.0000
135563	1.00	2.00	1.00		5.0000	0.1500	184	115.0000	5.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-03**

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
52.00	**78.50**	**Mafic tuff / volcaniclastic rocks (2h)**	135529	55.10	56.10	1.00		10.9000	0.4000	66	174.0000	3.0000
		Mafic-Intermediate tuff, grey green in colour, soft to moderately hard. Fragments range in size from 8-15mm . Towards lower contact with Diabase unit becomes sheared and increases in alteration.	135530	56.10	56.50	0.40		28.6000	0.1500	36	132.0000	1.5000
			135531	56.50	57.50	1.00		17.5000	0.4000	53	165.0000	5.0000
			135532	57.50	59.00	1.50		8.4000	0.1500	47	145.0000	6.0000
		Texture	135533	59.00	60.50	1.50		9.9000	0.1500	50	147.0000	6.0000
		52.00 - 78.50: Pyroclastic lapilli	135534	60.50	62.00	1.50		11.9000	0.1500	56	158.0000	7.0000
			135535	62.00	63.00	1.00		19.9000	0.1500	60	180.0000	4.0000
		Mineralization	135536	63.00	64.00	1.00		16.8000	0.1500	59	191.0000	4.0000
		52.00 - 65.00, 2.0% Py, Disseminated	135537	64.00	65.00	1.00		18.9000	0.7000	54	191.0000	1.5000
		66.50 - 67.90, 2.0% Py, 1.0% Po, Banded	135538	65.00	66.00	1.00		14.5000	0.5000	62	141.0000	1.5000
		74.70 - 75.40, 3.0% Py, 2.0% Po, Vein Hosted	135539	66.00	67.00	1.00		31.6000	0.1500	83	228.0000	1.5000
			135540	67.00	68.00	1.00		28.9000	0.1500	73	140.0000	1.5000
		Alteration	135541	68.00	69.00	1.00		22.4000	0.1500	50	105.0000	1.5000
		52.00 - 65.00 : Chlorite, Pervasive, Weak	135542	69.00	70.00	1.00		21.5000	0.4000	51	122.0000	1.5000
		65.00 - 78.00 : Chlorite-calcite, Pervasive, Weak to moderate	135543	70.00	71.00	1.00		34.0000	0.4000	54	117.0000	1.5000
			135544	71.00	72.00	1.00		27.8000	0.1500	54	120.0000	3.0000
		Structure	135545	72.00	73.00	1.00		35.9000	0.1500	54	126.0000	1.5000
		52.00 - 65.00: FZ Fracture Zone, 60 Deg to CA	135546	73.00	74.00	1.00		23.3000	0.5000	59	192.0000	1.5000
		78.45 - 78.50: CNT contact, 60 Deg to CA	135547	74.00	74.60	0.60		48.3000	0.5000	90	134.0000	3.0000
			135548	74.60	75.40	0.80		7.5000	0.1500	47	41.0000	1.5000
		Veining	135550	75.40	76.40	1.00		36.0000	0.4000	99	143.0000	6.0000
		56.10 - 56.40 : , 75% Veining, 0, 0, 20% Cal, 0, 80% Qtz, Veins	135551	76.40	77.40	1.00		42.1000	0.5000	70	113.0000	6.0000
		74.70 - 75.40 : , 90% Veining, 0, 0, 20% Cal, 0, 80% Qtz, Veins: At 10 degrees to CA.	135552	77.40	78.40	1.00		31.4000	0.4000	71	145.0000	5.0000
			135553	78.40	79.50	1.10		37.4000	0.4000	68	101.0000	5.0000
78.50	**111.90**	**Mafic/diabase dyke (12a)**										
		Medium Grained Diabase.										
		Structure										
		111.85 - 111.90: CNT contact, 65 Deg to CA										

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-03**

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
111.90	**151.10**	**Graphitic pelite / argillite (6n)** Fine grained Argillite (minor graphite component). Intermittent 5-15cm wide lithic wacke intervals . Tr-1% euheadral py occurs throughout. **Texture** 111.90 - 151.10: Fine Grained **Mineralization** 111.90 - 151.10, 1.0% Py, Disseminated **Alteration** 111.90 - 151.10 : Chlorite, Patchy, Weak 111.90 - 151.10 : Graphite, Patchy, Weak to moderate **Structure** 111.90 - 151.10: BD Bedded, 60 Deg to CA 151.05 - 151.10: CNT contact, : Gradational contact. **Veining** 136.90 - 139.10 : , 20% Veining, 0, 0, 35% Cal, 0, 65% Qtz, Veinlets **MINOR INTERVALS:** **Minor Interval:** 119.7 - 119.9 Biotite-phyric / Lamprophyre (7r) Fine to medium grained biotitic lamp/mafic Int. **Texture** 119.70 - 119.90: Fine to medium grained **Alteration** 119.70 - 119.90 : Biotite, Pervasive, Weak 119.70 - 119.90 : Calcite, Pervasive, Weak **Structure** 119.70 - 119.71: contact, 70 Deg to CA 119.89 - 119.90: contact, 70 Deg to CA	135554	135.90	136.90	1.00		13.6000	0.1500	62	59.0000	4.0000
			135555	136.90	137.50	0.60		13.6000	0.1500	56	53.0000	4.0000
			135556	137.50	138.20	0.70		16.9000	0.4000	61	54.0000	1.5000
			135557	138.20	139.10	0.90		15.0000	0.6000	63	54.0000	1.5000
			135558	139.10	140.10	1.00		11.9000	0.4000	63	57.0000	3.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-03**

Units: METRIC

Detailed Lithology		
From	To	Lithology
151.10	**245.10**	**Greywacke/argillite (6ga)** Fine to medium grained interbedded lithic wacke. Interbed material consists of argillite containg minor amount of graphite. Weak spotty chlorite alt throughout. **Texture** 151.10 - 245.10: Fine to medium grained **Mineralization** 182.10 - 182.60, 2.0% Py, 1.0% Po, Vein Hosted **Alteration** 151.10 - 245.10 : Chlorite, Pervasive, Weak 151.10 - 245.10 : Graphite, Patchy, Weak 181.20 - 181.60 : Silicification, Stringer-controlled, Weak to moderate 242.00 - 245.10 : Silicification, Pervasive, Weak **Structure** 151.10 - 201.00: BD Bedded, 65 Deg to CA 151.10 - 245.10: BD Bedded, 80 Deg to CA 203.10 - 203.30: G Gouge, 85 Deg to CA 245.00 - 245.10: bad banded, 75 Deg to CA **Veining** 181.20 - 181.60 : , 75% Veining, 3% Tour, 3% Ank, 20% Cal, 0, 60% Qtz, Veins: 5-10%very soft pale green mineral, possible talc. 218.50 - 219.50 : , 55% Veining, 0, 0, 70% Cal, 0, 30% Qtz, Veinlets 224.30 - 227.00 : , 40% Veining, 0, 10% Ank, 0, 0, 88% Qtz, Veinlets: 2% hydro muscovite. **MINOR INTERVALS:** **Minor Interval:** 242 - 245.1 Biotite-phyric / Lamprophyre (7r) Fine to medium grained lamp dyke. Mod biotite and weak carb throughout. **Texture** 242.00 - 245.10: Fine to medium grained **Alteration** 242.00 - 245.10 : Biotite, Pervasive, Weak to moderate 242.00 - 245.10 : Calcite, Pervasive, Weak **Structure** 242.00 - 242.10: contact, 70 Deg to CA 245.05 - 245.10: contact, 70 Deg to CA

Assay Data									
Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
135559	180.20	181.20	1.00		18.1000	0.1500	47	85.0000	7.0000
135560	181.20	181.80	0.60		8.5000	0.4000	35	66.0000	5.0000
135561	181.80	182.50	0.70		5.2000	0.1500	25	58.0000	5.0000
135562	182.50	183.20	0.70		11.9000	0.1500	53	88.0000	6.0000
135564	217.60	218.50	0.90		14.3000	0.1500	57	101.0000	8.0000
135565	218.50	219.50	1.00		16.3000	0.6000	70	97.0000	14.0000
135566	219.50	220.50	1.00		20.1000	0.1500	76	100.0000	7.0000
135567	220.50	222.00	1.50		13.2000	0.4000	64	103.0000	6.0000
135568	222.00	223.50	1.50		16.6000	0.4000	63	101.0000	5.0000
135569	223.50	224.30	0.80		22.0000	0.4000	75	113.0000	9.0000
135570	224.30	225.00	0.70		10.0000	0.4000	53	96.0000	7.0000
135571	225.00	225.90	0.90		17.7000	0.1500	62	65.0000	3.0000
135572	225.90	227.00	1.10		13.1000	0.4000	53	213.0000	8.0000
135573	227.00	228.00	1.00		16.7000	0.4000	76	90.0000	7.0000
135574	228.00	229.00	1.00		15.6000	0.1500	53	95.0000	1.5000
135575	242.00	243.00	1.00		12.7000	0.5000	42	119.0000	7.0000
135576	243.00	244.00	1.00		9.0000	0.1500	40	112.0000	6.0000
135577	244.00	245.10	1.10		7.2000	0.1500	36	95.0000	5.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-03**

Units: METRIC

Detailed Lithology			Assay Data								
From	To	Lithology	Sample #	From	To	Length	Au ppm	As ppm	Ag ppm	Cu_ppm	Zn_ppm	Pb ppm
245.10	**259.70**	**Feldspar porphyry (11a)** Buff coloured feldspar porphyry. 1-2% disseminated py and po throughout. **Texture** 245.10 - 259.70: Porphyritic **Mineralization** 245.10 - 259.70, 1.0% Py, 1.0% Po, Disseminated **Alteration** 245.10 - 259.70 : Calcite, Patchy, Very weak **Structure** 245.10 - 245.15: CNT contact, 70 Deg to CA 259.65 - 259.70: CNT contact, 65 Deg to CA **Veining** 245.10 - 259.70 : , 3% Veining, 0, 0, 10% Cal, 0, 90% Qtz, Stringers	135578	245.10	246.10	1.00		6.1000	0.4000	31	75.0000	3.0000
			135579	246.10	247.10	1.00		8.6000	0.1500	30	72.0000	5.0000
			135580	247.10	248.10	1.00		7.0000	0.1500	32	89.0000	7.0000
			135581	248.10	249.10	1.00		6.7000	0.1500	36	94.0000	3.0000
			135582	249.10	250.10	1.00		5.1000	0.1500	24	81.0000	5.0000
			135583	250.10	251.10	1.00		5.2000	0.1500	22	38.0000	1.5000
			135584	251.10	252.10	1.00		8.4000	0.1500	13	30.0000	1.5000
			135585	252.10	253.60	1.50		6.5000	0.1500	15	27.0000	1.5000
			135586	253.60	255.10	1.50		7.1000	0.1500	39	55.0000	1.5000
			135587	255.10	256.60	1.50		5.3000	0.1500	41	79.0000	1.5000
			135588	256.60	257.60	1.00		7.6000	0.4000	38	67.0000	1.5000
			135589	257.60	258.60	1.00		7.1000	0.1500	25	45.0000	1.5000
			135591	258.60	259.70	1.10		6.3000	0.1500	23	35.0000	1.5000
259.70	**274.30**	**Greywacke/argillite (6ga)** Fine to medium grained interbedded lithic wacke, interbed material consists of 5-10cm wide argillite material. **Texture** 259.70 - 274.30: Fine to medium grained **Alteration** 259.70 - 261.60 : Silicification, Pervasive, Weak 259.70 - 274.30 : Chlorite, Pervasive, Weak 259.70 - 274.30 : Graphite, Patchy, Very weak **Structure** 259.70 - 274.30: BD Bedded, 60 Deg to CA 262.90 - 263.90: DSK Disking, 90 Deg to CA	135592	259.70	260.70	1.00		8.8000	0.4000	54	50.0000	1.5000
			135593	260.70	261.70	1.00		7.3000	0.1500	19	35.0000	1.5000
			135594	261.70	262.90	1.20		11.2000	0.4000	44	105.0000	6.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-03**

Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **ASSAY**																		
135529	55.10	56.10		10.9000			66	48	174	0.4000	0.5000	3.0000	46.0000	0.4700	6.1000	25.0000	1.0000	1.0000
135530	56.10	56.50		28.6000			36	40	132	0.1500	0.5000	1.5000	29.0000	0.0900	5.0100	25.0000	1.0000	1.0000
135531	56.50	57.50		17.5000			53	50	165	0.4000	0.5000	5.0000	37.0000	0.2900	6.2700	25.0000	1.0000	1.0000
135532	57.50	59.00		8.4000			47	46	145	0.1500	0.5000	6.0000	36.0000	0.2800	6.1800	25.0000	1.0000	1.0000
135533	59.00	60.50		9.9000			50	51	147	0.1500	0.5000	6.0000	40.0000	0.1700	6.1300	25.0000	1.0000	1.0000
135534	60.50	62.00		11.9000			56	46	158	0.1500	0.5000	7.0000	38.0000	0.3200	6.3800	25.0000	1.0000	1.0000
135535	62.00	63.00		19.9000			60	51	180	0.1500	0.5000	4.0000	45.0000	0.4300	6.5000	25.0000	1.0000	1.0000
135536	63.00	64.00		16.8000			59	50	191	0.1500	0.5000	4.0000	40.0000	0.5400	6.4300	25.0000	1.0000	1.0000
135537	64.00	65.00		18.9000			54	47	191	0.7000	0.5000	1.5000	40.0000	0.4700	4.0200	25.0000	1.0000	1.0000
135538	65.00	66.00		14.5000			62	44	141	0.5000	0.5000	1.5000	40.0000	0.5500	5.5300	25.0000	1.0000	1.0000
135539	66.00	67.00		31.6000			83	94	228	0.1500	0.5000	1.5000	51.0000	0.7700	6.9100	310.0000	1.0000	1.0000
135540	67.00	68.00		28.9000			73	94	140	0.1500	0.5000	1.5000	50.0000	1.5300	6.5400	340.0000	1.0000	1.0000
135541	68.00	69.00		22.4000			50	44	105	0.1500	0.5000	1.5000	39.0000	0.3200	6.0500	580.0000	1.0000	1.0000
135542	69.00	70.00		21.5000			51	46	122	0.4000	0.5000	1.5000	38.0000	0.3900	6.4000	230.0000	1.0000	1.0000
135543	70.00	71.00		34.0000			54	44	117	0.4000	0.5000	1.5000	37.0000	0.3400	6.2500	25.0000	1.0000	1.0000
135544	71.00	72.00		27.8000			54	40	120	0.1500	0.5000	3.0000	40.0000	0.4300	6.0800	350.0000	1.0000	1.0000
135545	72.00	73.00		35.9000			54	45	126	0.1500	0.5000	1.5000	42.0000	0.4800	5.7800	25.0000	1.0000	1.0000
135546	73.00	74.00		23.3000			59	46	192	0.5000	1.0000	1.5000	38.0000	0.7500	3.8800	25.0000	0.5000	1.0000
135547	74.00	74.60		48.3000			90	67	134	0.5000	0.5000	3.0000	42.0000	0.7700	6.2400	25.0000	1.0000	1.0000
135548	74.60	75.40		7.5000			47	20	41	0.1500	0.5000	1.5000	17.0000	0.7600	1.7900	25.0000	0.5000	1.0000
135550	75.40	76.40		36.0000			99	69	143	0.4000	0.5000	6.0000	42.0000	0.9400	7.1300	25.0000	1.0000	1.0000
135551	76.40	77.40		42.1000			70	84	113	0.5000	1.0000	6.0000	26.0000	0.1800	8.6000	660.0000	2.0000	1.0000
135552	77.40	78.40		31.4000			71	63	145	0.4000	2.0000	5.0000	23.0000	0.6100	8.6500	720.0000	2.0000	1.0000
135553	78.40	79.50		37.4000			68	89	101	0.4000	1.0000	5.0000	25.0000	0.1600	9.2400	420.0000	2.0000	1.0000
135554	135.90	136.90		13.6000			62	88	59	0.1500	1.0000	4.0000	21.0000	0.1900	8.9000	600.0000	1.0000	1.0000
135555	136.90	137.50		13.6000			56	79	53	0.1500	0.5000	4.0000	20.0000	0.2300	7.8600	510.0000	1.0000	1.0000
135556	137.50	138.20		16.9000			61	92	54	0.4000	1.0000	1.5000	23.0000	0.1700	5.4200	720.0000	1.0000	1.0000
135557	138.20	139.10		15.0000			63	88	54	0.6000	1.0000	1.5000	25.0000	0.3100	8.6700	660.0000	1.0000	1.0000
135558	139.10	140.10		11.9000			63	91	57	0.4000	1.0000	3.0000	21.0000	0.2900	9.0400	490.0000	1.0000	1.0000
135559	180.20	181.20		18.1000			47	73	85	0.1500	3.0000	7.0000	20.0000	0.1800	9.1100	720.0000	1.0000	1.0000
135560	181.20	181.80		8.5000			35	57	66	0.4000	1.0000	5.0000	14.0000	0.2900	8.7100	720.0000	2.0000	1.0000
135561	181.80	182.50		5.2000			25	42	58	0.1500	0.5000	5.0000	10.0000	0.1600	6.7200	330.0000	1.0000	1.0000
135562	182.50	183.20		11.9000			53	75	88	0.1500	1.0000	6.0000	18.0000	0.3200	8.7200	590.0000	1.0000	1.0000
135564	217.60	218.50		14.3000			57	49	101	0.1500	1.0000	8.0000	14.0000	0.1300	8.5700	480.0000	1.0000	1.0000
135565	218.50	219.50		16.3000			70	42	97	0.6000	3.0000	14.0000	19.0000	0.5000	8.5000	330.0000	1.0000	1.0000
135566	219.50	220.50		20.1000			76	39	100	0.1500	4.0000	7.0000	14.0000	0.1400	15.8000	490.0000	1.0000	1.0000
135567	220.50	222.00		13.2000			64	35	103	0.4000	3.0000	6.0000	12.0000	0.2200	8.9300	430.0000	1.0000	1.0000
135568	222.00	223.50		16.6000			63	41	101	0.4000	3.0000	5.0000	13.0000	0.1800	8.8200	370.0000	1.0000	1.0000
135569	223.50	224.30		22.0000			75	57	113	0.4000	3.0000	9.0000	16.0000	0.1600	8.9200	330.0000	1.0000	1.0000
135570	224.30	225.00		10.0000			53	34	96	0.4000	2.0000	7.0000	11.0000	0.2900	8.2300	420.0000	1.0000	1.0000
135571	225.00	225.90		17.7000			62	38	65	0.1500	3.0000	3.0000	14.0000	0.2000	8.5500	350.0000	1.0000	1.0000

DETAILED LOG
LAKE SHORE GOLD CORP.

Hole Number: **JE08-03**

Units: METRIC

Samples

Sample #	From	To	Au_ppm	As_ppm	Pt_ppb	Pd_ppb	Cu_ppm	Ni_ppm	Zn_ppm	Ag_ppm	Mo_ppm	Pb_ppm	Co_ppm	S_pct	Al_pct	Ba_ppm	Be_ppm	Bi_ppm
Sample Type **ASSAY**																		
135572	225.90	227.00		13.1000			53	32	213	0.4000	1.0000	8.0000	11.0000	0.0900	7.6600	290.0000	1.0000	1.0000
135573	227.00	228.00		16.7000			76	46	90	0.4000	3.0000	7.0000	21.0000	0.4400	9.2800	380.0000	2.0000	1.0000
135574	228.00	229.00		15.6000			53	32	95	0.1500	3.0000	1.5000	15.0000	0.1500	7.5000	280.0000	1.0000	1.0000
135575	242.00	243.00		12.7000			42	18	119	0.5000	3.0000	7.0000	8.0000	0.0400	8.3800	470.0000	1.0000	1.0000
135576	243.00	244.00		9.0000			40	14	112	0.1500	2.0000	6.0000	7.0000	0.0700	8.2200	390.0000	1.0000	1.0000
135577	244.00	245.10		7.2000			36	13	95	0.1500	3.0000	5.0000	6.0000	0.1500	8.0100	520.0000	1.0000	1.0000
135578	245.10	246.10		6.1000			31	10	75	0.4000	1.0000	3.0000	4.0000	0.1000	7.9600	370.0000	1.0000	1.0000
135579	246.10	247.10		8.6000			30	11	72	0.1500	2.0000	5.0000	5.0000	0.0800	8.0000	25.0000	1.0000	1.0000
135580	247.10	248.10		7.0000			32	10	89	0.1500	1.0000	7.0000	5.0000	0.1400	8.2600	25.0000	1.0000	1.0000
135581	248.10	249.10		6.7000			36	11	94	0.1500	3.0000	3.0000	5.0000	0.0700	8.2000	400.0000	1.0000	1.0000
135582	249.10	250.10		5.1000			24	8	81	0.1500	1.0000	5.0000	5.0000	0.1400	8.1000	420.0000	1.0000	1.0000
135583	250.10	251.10		5.2000			22	8	38	0.1500	1.0000	1.5000	4.0000	0.0700	9.3200	600.0000	1.0000	1.0000
135584	251.10	252.10		8.4000			13	8	30	0.1500	1.0000	1.5000	4.0000	0.0500	9.4000	550.0000	1.0000	1.0000
135585	252.10	253.60		6.5000			15	5	27	0.1500	1.0000	1.5000	4.0000	0.0600	9.0500	410.0000	1.0000	1.0000
135586	253.60	255.10		7.1000			39	9	55	0.1500	2.0000	1.5000	4.0000	0.1100	7.7600	400.0000	1.0000	1.0000
135587	255.10	256.60		5.3000			41	11	79	0.1500	3.0000	1.5000	4.0000	0.1200	7.7500	300.0000	1.0000	1.0000
135588	256.60	257.60		7.6000			38	11	67	0.4000	3.0000	1.5000	5.0000	0.0900	8.1700	560.0000	1.0000	1.0000
135589	257.60	258.60		7.1000			25	8	45	0.1500	1.0000	1.5000	4.0000	0.1000	8.2600	400.0000	1.0000	1.0000
135591	258.60	259.70		6.3000			23	7	35	0.1500	1.0000	1.5000	4.0000	0.0900	8.6900	520.0000	1.0000	1.0000
135592	259.70	260.70		8.8000			54	14	50	0.4000	3.0000	1.5000	7.0000	0.0900	7.9500	450.0000	1.0000	1.0000
135593	260.70	261.70		7.3000			19	15	35	0.1500	1.0000	1.5000	8.0000	0.1400	7.9400	370.0000	1.0000	1.0000
135594	261.70	262.90		11.2000			44	28	105	0.4000	1.0000	6.0000	10.0000	0.1600	7.9800	410.0000	1.0000	1.0000
Sample Type **Blank**																		
135549				0.2500			188	50	121	0.1500	0.5000	7.0000	40.0000	0.1400	6.7300	500.0000	1.0000	1.0000
135563				5.0000			184	53	115	0.1500	0.5000	5.0000	45.0000	0.1400	6.8200	360.0000	1.0000	1.0000

APPENDIX 3

Quality Analysis ... *Innovative Technologies*

Date Submitted: 11-Sep-08
Invoice No.: A08-6086
Invoice Date: 07-Nov-08
Your Reference: JE08-01 Jessop

Lake Shore Gold Corp.
P.O. Box 1067
Timmins Ontario P4N 7W7

ATTN: John-results Mckenzie

CERTIFICATE OF ANALYSIS

59 Core samples were submitted for analysis.

The following analytical packages were requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)
Code 1A2 Au - Fire Assay AA

REPORT **A08-6086**

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Eric Hoffman, Ph.D.
President/General Manager

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9511 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Br	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
136646	< 5	< 2	< 0.3	84	0.6	< 1	5	46	104	1.68	6.69	18.2	370	1	< 2	< 0.5	7.21	55	70	< 1	1.5	8.41	5	< 1
136647	< 5	< 2	< 0.3	76	0.5	< 1	< 3	50	95	0.41	6.78	15.4	< 50	1	< 2	< 0.5	6.33	49	79	< 1	2.1	8.96	5	< 1
136648	< 5	< 2	< 0.3	49	0.5	< 1	3	48	86	0.28	7.12	24.9	< 50	1	< 2	< 0.5	5.88	51	74	< 1	2.0	6.99	4	< 1
136649	< 5	6	< 0.3	55	0.6	< 1	< 3	48	123	0.38	7.21	20.3	< 50	1	< 2	< 0.5	6.72	53	73	< 1	1.6	7.94	4	< 1
136650	< 5	< 2	< 0.3	69	0.5	< 1	4	45	141	0.46	6.65	8.5	570	1	< 2	< 0.5	6.43	54	78	2	2.0	11.3	3	< 1
136651	< 5	< 2	< 0.3	44	0.5	< 1	< 3	45	124	0.24	7.54	15.0	< 50	1	< 2	< 0.5	6.79	48	88	< 1	2.2	9.09	4	< 1
136652	< 5	< 2	< 0.3	41	0.8	< 1	< 3	48	123	0.30	7.15	15.0	420	1	< 2	< 0.5	6.14	49	76	2	1.9	9.65	5	< 1
136653	< 5	< 2	< 0.3	72	0.6	< 1	< 3	42	117	0.42	5.44	5.2	< 50	1	< 2	< 0.5	5.72	49	75	< 1	1.6	9.47	5	< 1
136654	< 5	< 2	< 0.3	67	0.9	< 1	< 3	45	132	0.35	6.55	6.3	< 50	1	< 2	< 0.5	6.03	51	89	< 1	1.9	10.9	4	< 1
136655	< 5	16	< 0.3	53	0.5	< 1	< 3	46	129	0.30	6.70	9.4	< 50	1	< 2	< 0.5	6.46	55	86	3	1.6	10.6	4	< 1
136656	< 5	< 2	< 0.3	43	0.5	< 1	< 3	45	134	0.21	6.44	9.6	< 50	1	< 2	< 0.5	6.67	48	74	< 1	1.5	10.3	4	< 1
136657	< 5	< 2	< 0.3	32	0.6	< 1	< 3	47	120	0.17	7.23	20.1	< 50	1	< 2	< 0.5	7.52	52	80	< 1	1.7	9.67	5	< 1
136658	< 5	< 2	< 0.3	38	0.4	< 1	< 3	47	133	0.13	6.78	18.4	< 50	1	< 2	< 0.5	7.48	50	87	< 1	1.8	9.35	5	4
136659	< 5	< 2	< 0.3	26	0.6	< 1	< 3	43	113	0.20	6.56	14.9	970	1	< 2	< 0.5	9.24	49	77	< 1	1.6	8.36	4	< 1
136660	< 5	< 2	< 0.3	76	0.4	< 1	< 3	42	106	0.47	6.79	6.2	1100	1	< 2	< 0.5	10.7	47	73	< 1	1.9	7.51	4	< 1
136661	< 5	< 2	< 0.3	35	0.6	< 1	< 3	44	110	0.19	6.66	6.2	700	1	< 2	< 0.5	7.94	45	73	< 1	1.9	8.72	5	< 1
136662	< 5	< 2	< 0.3	77	0.5	< 1	< 3	39	112	0.22	4.83	11.6	1000	1	< 2	< 0.5	7.10	52	82	< 1	1.9	8.00	5	< 1
136663	< 5	< 2	< 0.3	66	0.4	< 1	< 3	46	124	0.31	6.31	8.7	630	1	< 2	< 0.5	7.45	49	69	< 1	1.6	8.09	4	< 1
136664	< 5	< 2	< 0.3	40	0.3	< 1	< 3	39	94	0.25	5.25	11.6	620	1	< 2	< 0.5	6.53	50	73	< 1	1.8	8.59	5	< 1
136665	2840	3200	< 0.3	99	< 0.3	2	30	12	22	0.03	8.14	2160	1200	23	< 2	< 0.5	0.05	2	192	12	1.7	3.83	5	< 1
136666	< 5	< 2	< 0.3	163	0.5	< 1	< 3	52	111	0.12	7.50	0.6	< 50	1	< 2	< 0.5	6.61	49	91	2	1.3	10.5	4	< 1
136667	< 5	< 2	< 0.3	33	0.4	< 1	< 3	42	125	0.12	6.41	9.6	< 50	1	< 2	< 0.5	6.90	49	83	1	1.8	9.11	4	< 1
136668	< 5	< 2	< 0.3	42	0.7	< 1	< 3	45	123	0.23	6.58	8.2	< 50	1	< 2	< 0.5	7.14	47	76	< 1	1.9	9.16	5	< 1
136669	< 5	< 2	< 0.3	67	0.7	< 1	< 3	45	112	0.31	6.54	7.1	< 50	1	< 2	< 0.5	7.63	50	73	< 1	1.6	8.66	4	< 1
136670	< 5	< 2	< 0.3	63	< 0.3	< 1	< 3	46	120	0.29	4.84	8.3	< 50	< 1	< 2	< 0.5	7.25	45	73	< 1	1.5	8.57	4	< 1
136671	< 5	< 2	< 0.3	51	0.4	< 1	< 3	37	113	0.30	1.44	8.0	< 50	< 1	< 2	< 0.5	5.88	45	72	< 1	1.6	8.16	4	2
136672	< 5	< 2	< 0.3	45	0.6	< 1	< 3	47	137	0.20	6.72	10.7	280	1	< 2	< 0.5	6.86	48	75	< 1	1.7	8.91	4	< 1
136673	< 5	< 2	< 0.3	51	0.5	< 1	< 3	43	136	0.35	6.43	6.2	740	1	< 2	< 0.5	7.90	48	83	< 1	1.5	9.38	4	< 1
136674	< 5	< 2	< 0.3	58	< 0.3	< 1	< 3	41	135	0.22	3.51	3.6	230	< 1	< 2	< 0.5	7.19	46	69	< 1	1.7	8.61	4	< 1
136675	< 5	< 2	< 0.3	55	0.4	< 1	3	45	114	0.28	6.52	7.8	< 50	1	< 2	< 0.5	8.41	42	74	< 1	1.5	7.65	4	< 1
136676	< 5	< 2	< 0.3	26	0.6	< 1	< 3	47	118	0.22	7.06	13.9	< 50	1	< 2	< 0.5	7.89	53	84	< 1	1.7	8.67	4	< 1
136677	< 5	< 2	< 0.3	27	0.8	< 1	< 3	47	133	0.23	7.15	8.3	< 50	1	< 2	< 0.5	7.78	50	81	< 1	1.7	9.30	5	< 1
136678	< 5	< 2	< 0.3	54	0.8	< 1	< 3	48	145	0.34	7.49	2.8	< 50	1	< 2	< 0.5	6.35	55	83	< 1	1.8	9.28	4	< 1
136679	< 5	< 2	< 0.3	42	0.3	< 1	< 3	41	115	0.29	6.82	4.1	480	1	< 2	< 0.5	8.17	48	74	< 1	1.9	8.46	4	< 1
136680	< 5	< 2	< 0.3	35	0.6	< 1	< 3	44	117	0.25	6.88	5.8	530	1	< 2	< 0.5	8.11	50	74	< 1	1.8	8.51	4	< 1
136681	< 5	< 2	< 0.3	82	0.8	< 1	< 3	49	137	0.38	4.91	4.7	< 50	1	< 2	< 0.5	6.28	56	85	< 1	1.9	9.10	4	< 1
136682	< 5	< 2	< 0.3	64	0.6	< 1	< 3	46	146	0.28	7.11	7.4	< 50	1	< 2	< 0.5	6.80	48	75	< 1	1.8	8.78	4	< 1
136683	< 5	< 2	< 0.3	57	0.4	< 1	< 3	49	147	0.38	6.96	11.6	470	1	< 2	< 0.5	7.09	52	80	< 1	1.7	9.23	4	< 1
136684	< 5	9	< 0.3	63	0.7	< 1	< 3	43	131	0.37	6.62	9.5	< 50	1	< 2	< 0.5	8.55	48	77	3	1.5	9.10	4	< 1
136685	< 5	< 2	< 0.3	46	0.7	< 1	3	49	139	0.34	7.27	21.3	< 50	1	< 2	< 0.5	7.26	47	76	< 1	1.5	8.62	4	< 1
136686	< 5	11	< 0.3	38	0.4	< 1	3	45	153	0.23	6.81	23.7	< 50	1	< 2	< 0.5	8.40	46	74	< 1	1.5	7.87	4	< 1
136687	10	< 2	< 0.3	47	1.2	< 1	3	43	284	1.07	5.89	17.9	540	1	< 2	< 0.5	8.53	45	62	< 1	1.4	7.29	3	< 1
136688	42	31	< 0.3	77	2.2	< 1	5	40	347	1.01	5.02	14.3	690	1	< 2	< 0.5	12.4	37	39	< 1	1.3	7.06	3	< 1
136689	1530	1820	< 0.3	32	< 0.3	3	27	27	56	0.02	8.00	1420	1020	16	< 2	< 0.5	0.05	3	325	11	1.5	3.56	7	< 1
136690	< 5	8	< 0.3	157	0.5	< 1	4	52	120	0.15	7.22	7.2	< 50	1	< 2	< 0.5	6.14	53	36	2	1.2	11.5	3	< 1
136691	60	62	0.4	71	4.4	8	15	39	669	2.65	3.85	6.7	730	1	< 2	< 0.5	14.1	30	35	< 1	1.2	5.59	2	< 1
136692	10	< 2	< 0.3	46	0.5	< 1	3	39	201	0.52	5.94	21.4	250	1	< 2	< 0.5	8.42	43	59	3	1.6	8.37	3	< 1
136693	< 5	< 2	< 0.3	46	1.0	< 1	< 3	44	167	0.32	6.40	28.9	430	1	< 2	< 0.5	7.55	45	71	< 1	1.8	7.58	5	< 1
136694	9	< 2	< 0.3	46	1.6	< 1	3	29	266	0.66	4.47	10.9	270	1	< 2	< 0.5	6.59	24	39	< 1	1.0	5.03	3	< 1
136695	< 5	< 2	< 0.3	59	0.5	< 1	< 3	49	175	0.40	7.12	31.6	< 50	1	< 2	< 0.5	4.74	56	63	1	2.1	11.0	5	< 1
136696	51	28	< 0.3	65	0.9	< 1	< 3	48	174	0.36	6.98	21.4	440	1	< 2	< 0.5	6.79	49	54	2	1.8	9.94	5	< 1

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Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
136697	< 5	< 2	< 0.3	20	0.4	< 1	< 3	48	168	0.17	7.71	29.7	530	1	< 0.5	5.87	53	49	3	1.8	10.2	6	< 1
136698	6	< 2	< 0.3	60	0.6	< 1	< 3	47	142	0.39	7.00	26.6	290	1	< 0.5	7.00	53	51	6	2.2	10.1	5	< 1
136699	8	< 2	< 0.3	18	0.7	< 1	< 3	47	152	0.14	7.33	40.8	< 50	1	< 0.5	6.16	56	61	7	2.0	10.7	5	< 1
136700	42	44	< 0.3	67	0.5	< 1	3	41	138	0.43	6.37	16.4	380	1	< 0.5	6.89	54	60	3	2.1	9.89	5	< 1
136701	< 5	< 2	< 0.3	48	0.5	< 1	< 3	49	143	0.29	6.84	25.2	< 50	1	< 0.5	6.10	57	72	5	2.1	10.1	4	< 1
136702	31	43	< 0.3	71	0.7	< 1	< 3	41	123	0.29	6.34	18.1	840	1	< 0.5	8.50	50	49	6	1.9	9.22	5	< 1
136703	< 5	< 2	< 0.3	23	0.5	< 1	< 3	50	139	0.13	7.28	34.7	530	1	< 0.5	6.00	52	58	7	2.3	9.84	5	< 1
PREP BLANK	< 5	< 2	< 0.3	22	< 0.3	< 1	5	43	46	0.01	7.78	15.7	910	1	< 0.5	2.40	12	91	< 1	1.1	2.52	2	< 1

Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
136646	< 5	0.76	2.51	1900	1.27	0.128	< 15	< 0.1	38.6	< 3	176	< 0.5	0.50	< 0.2	< 0.5	118	< 1	43	10.1	29	< 5	4.2	< 0.01	< 0.5
136647	< 5	0.47	3.18	2030	1.27	0.133	< 15	0.4	44.2	< 3	193	< 0.5	0.35	< 0.2	< 0.5	141	< 1	48	10.6	31	21	4.4	< 0.01	< 0.5
136648	< 5	0.43	2.85	1710	2.62	0.120	< 15	< 0.1	42.2	< 3	87	< 0.5	0.30	< 0.2	< 0.5	168	< 1	46	9.9	27	< 5	4.4	< 0.01	< 0.5
136649	< 5	0.43	3.05	1880	2.15	0.129	< 15	0.8	40.0	< 3	109	< 0.5	0.35	1.9	< 0.5	148	< 1	46	9.8	29	20	4.3	< 0.01	< 0.5
136650	< 5	0.26	3.39	2210	0.19	0.132	< 15	< 0.1	41.6	< 3	196	< 0.5	0.40	1.1	< 0.5	125	< 1	45	10.2	28	21	4.3	< 0.01	0.9
136651	< 5	0.39	2.94	1870	1.69	0.138	< 15	< 0.1	44.1	< 3	182	< 0.5	0.26	1.6	< 0.5	144	< 1	49	10.5	30	24	4.6	< 0.01	< 0.5
136652	< 5	0.46	3.17	1800	1.27	0.142	< 15	0.4	41.2	< 3	160	2.2	0.23	1.5	< 0.5	116	< 1	48	10.7	30	19	4.4	< 0.01	< 0.5
136653	< 5	0.48	2.88	1700	1.57	0.142	< 15	< 0.1	40.7	< 3	130	< 0.5	1.23	< 0.2	< 0.5	313	< 1	36	9.5	26	< 5	4.2	< 0.01	< 0.5
136654	< 5	0.47	3.25	1760	1.30	0.131	< 15	0.5	45.5	< 3	168	< 0.5	0.31	< 0.2	< 0.5	161	< 1	46	10.8	30	10	4.6	< 0.01	< 0.5
136655	< 5	0.58	3.10	1690	0.83	0.132	< 15	0.3	42.6	< 3	136	< 0.5	0.32	< 0.2	2.0	128	< 1	45	10.8	28	16	4.3	< 0.01	< 0.5
136656	< 5	0.45	3.26	1830	0.82	0.128	< 15	0.6	40.3	< 3	127	< 0.5	0.20	< 0.2	< 0.5	107	< 1	44	9.7	29	21	4.2	< 0.01	0.7
136657	< 5	0.51	2.73	2050	1.32	0.140	< 15	< 0.1	45.1	< 3	250	< 0.5	0.23	< 0.2	< 0.5	105	< 1	49	11.0	30	19	4.6	< 0.01	< 0.5
136658	< 5	0.40	2.39	1940	1.60	0.122	< 15	0.4	45.2	< 3	132	< 0.5	0.19	< 0.2	< 0.5	98	< 1	45	10.0	27	20	4.3	< 0.01	0.9
136659	< 5	1.26	1.89	2040	1.18	0.124	59	< 0.1	42.3	< 3	94	< 0.5	0.26	< 0.2	< 0.5	123	< 1	45	10.5	26	17	4.6	< 0.01	< 0.5
136660	< 5	2.13	1.52	1990	0.76	0.124	73	< 0.1	40.1	< 3	87	< 0.5	0.40	1.0	< 0.5	114	< 1	46	10.1	26	< 5	4.1	< 0.01	0.9
136661	< 5	1.25	2.35	2020	1.06	0.125	45	0.7	42.6	< 3	63	2.2	0.19	1.2	< 0.5	126	< 1	45	10.1	25	< 5	4.3	< 0.01	1.1
136662	< 5	1.26	1.71	1760	1.28	0.121	47	< 0.1	43.3	< 3	52	< 0.5	0.73	1.6	1.6	230	< 1	35	10.0	27	17	4.4	< 0.01	0.8
136663	< 5	1.07	2.23	1840	1.39	0.129	< 15	< 0.1	42.3	< 3	135	< 0.5	0.21	0.9	< 0.5	158	< 1	44	10.3	28	< 5	4.4	< 0.01	1.2
136664	< 5	1.16	1.53	1640	1.33	0.098	< 15	< 0.1	43.2	< 3	64	< 0.5	0.26	1.6	< 0.5	133	< 1	35	9.4	29	< 5	4.2	< 0.01	1.2
136665	< 5	3.27	0.44	90	0.12	0.032	190	176	15.7	< 3	150	< 0.5	0.34	18.4	5.4	111	29	24	55.5	95	26	8.0	< 0.01	< 0.5
136666	< 5	1.10	3.11	1620	1.79	0.067	52	< 0.1	39.1	< 3	205	< 0.5	0.25	2.0	< 0.5	175	< 1	39	13.0	29	14	3.9	< 0.01	0.6
136667	< 5	0.36	2.46	1850	1.31	0.120	< 15	0.3	43.1	< 3	114	< 0.5	0.19	< 0.2	< 0.5	96	< 1	43	10.5	29	15	4.4	< 0.01	< 0.5
136668	< 5	0.29	2.50	1870	1.04	0.123	< 15	< 0.1	41.8	< 3	153	< 0.5	0.19	1.3	< 0.5	125	< 1	45	10.3	28	22	4.4	< 0.01	1.2
136669	< 5	0.32	2.45	2000	1.09	0.126	< 15	< 0.1	42.8	< 3	178	< 0.5	0.22	1.9	< 0.5	139	< 1	44	10.2	29	10	4.3	< 0.01	0.9
136670	< 5	0.21	2.16	1890	0.74	0.134	< 15	< 0.1	40.4	< 3	224	1.5	0.20	0.8	< 0.5	134	< 1	39	9.4	29	14	4.1	< 0.01	1.2
136671	< 5	0.26	1.48	1800	1.37	0.133	< 15	< 0.1	42.4	< 3	131	< 0.5	1.09	1.1	< 0.5	277	< 1	12	10.4	27	< 5	4.4	< 0.01	< 0.5
136672	< 5	0.32	2.53	1840	1.30	0.130	< 15	< 0.1	42.1	< 3	108	< 0.5	0.26	1.5	< 0.5	144	< 1	45	9.7	27	23	4.3	< 0.01	1.0
136673	< 5	0.78	1.97	1920	1.43	0.130	< 15	< 0.1	42.8	< 3	62	< 0.5	0.22	< 0.2	< 0.5	122	< 1	43	9.8	28	17	4.3	< 0.01	0.8
136674	< 5	0.27	1.76	1810	1.30	0.128	< 15	< 0.1	40.1	< 3	89	< 0.5	1.13	< 0.2	< 0.5	287	< 1	31	9.6	25	15	4.0	< 0.01	< 0.5
136675	< 5	0.21	2.23	1830	1.04	0.127	< 15	< 0.1	38.1	< 3	208	< 0.5	0.18	1.3	< 0.5	122	< 1	45	9.4	23	13	3.9	< 0.01	0.7
136676	< 5	0.27	2.38	1870	1.32	0.130	< 15	< 0.1	44.6	< 3	218	< 0.5	0.20	1.4	< 0.5	132	< 1	47	10.8	28	15	4.6	< 0.01	1.1
136677	< 5	0.26	2.53	1910	1.20	0.128	< 15	< 0.1	44.4	< 3	199	< 0.5	0.19	1.4	< 0.5	130	< 1	47	10.2	27	16	4.5	< 0.01	0.9
136678	< 5	0.43	2.67	1870	1.80	0.134	< 15	0.6	44.6	< 3	153	< 0.5	0.29	1.4	< 0.5	127	< 1	48	11.0	28	12	4.7	< 0.01	< 0.5
136679	< 5	0.84	2.29	1880	1.79	0.122	< 15	< 0.1	40.7	< 3	122	< 0.5	0.27	0.9	< 0.5	134	6	42	10.1	22	9	4.4	< 0.01	< 0.5
136680	< 5	0.90	2.31	1850	1.80	0.123	< 15	0.3	41.0	< 3	127	< 0.5	0.19	1.1	< 0.5	129	< 1	43	10.2	28	11	4.4	< 0.01	1.0
136681	< 5	0.56	2.25	1680	1.66	0.148	80	< 0.1	45.3	< 3	131	1.7	1.34	1.3	< 0.5	336	< 1	33	10.8	29	12	4.7	< 0.01	0.9
136682	< 5	0.33	2.55	1890	1.32	0.136	< 15	< 0.1	41.3	< 3	141	< 0.5	0.26	1.2	1.0	140	< 1	47	10.0	26	15	4.4	< 0.01	< 0.5
136683	< 5	0.46	2.10	1880	1.61	0.130	< 15	< 0.1	42.8	< 3	90	< 0.5	0.31	1.2	< 0.5	131	< 1	46	10.8	25	15	4.4	< 0.01	0.9
136684	7	0.43	2.22	1930	1.40	0.123	< 15	< 0.1	41.1	< 3	97	< 0.5	0.24	0.8	2.1	136	< 1	44	10.6	29	17	4.2	< 0.01	0.9
136685	< 5	0.31	2.41	1880	1.21	0.129	< 15	< 0.1	41.9	< 3	154	< 0.5	0.21	< 0.2	< 0.5	146	< 1	48	10.5	31	12	4.4	< 0.01	1.1
136686	< 5	0.30	2.34	1840	1.19	0.122	< 15	< 0.1	39.5	< 3	169	< 0.5	0.19	1.2	< 0.5	110	< 1	44	10.3	25	15	4.3	< 0.01	1.2
136687	< 5	1.11	1.73	1450	1.39	0.103	< 15	0.7	32.6	< 3	81	< 0.5	0.39	1.1	< 0.5	80	< 1	36	9.1	24	14	3.5	< 0.01	< 0.5
136688	< 5	0.99	1.35	1720	0.80	0.086	< 15	< 0.1	26.6	< 3	140	< 0.5	0.53	1.4	< 0.5	165	< 1	33	9.6	25	11	3.4	< 0.01	< 0.5
136689	< 5	2.71	0.39	84	0.10	0.034	117	111	15.3	< 3	102	< 0.5	0.34	16.9	< 0.5	98	15	23	47.7	91	29	7.5	< 0.01	1.0
136690	< 5	1.28	3.03	1770	1.91	0.068	< 15	< 0.1	40.9	< 3	230	< 0.5	0.24	2.8	< 0.5	208	< 1	40	14.6	28	< 5	4.0	< 0.01	< 0.5
136691	< 5	1.15	0.86	1380	0.85	0.052	< 15	0.7	15.1	< 3	117	< 0.5	0.43	1.0	< 0.5	115	< 1	22	7.2	17	< 5	2.3	< 0.01	< 0.5
136692	< 5	0.72	2.16	1880	1.09	0.112	< 15	< 0.1	36.0	< 3	79	< 0.5	0.40	2.0	< 0.5	99	< 1	40	11.2	26	12	4.3	< 0.01	< 0.5
136693	< 5	0.61	2.25	1720	1.46	0.120	< 15	0.2	36.9	< 3	98	< 0.5	0.22	1.0	< 0.5	120	< 1	40	9.4	25	16	4.0	< 0.01	< 0.5
136694	< 5	0.47	0.98	994	1.18	0.079	< 15	0.3	21.2	< 3	81	< 0.5	0.60	0.9	< 0.5	111	< 1	27	7.0	20	9	2.8	< 0.01	< 0.5
136695	< 5	0.35	2.46	1870	1.28	0.152	< 15	< 0.1	47.2	< 3	70	1.4	0.38	1.0	2.4	183	< 1	55	13.1	36	20	5.6	< 0.01	1.2
136696	< 5	0.20	2.30	2140	1.10	0.146	< 15	< 0.1	40.9	< 3	117	2.2	0.22	1.3	< 0.5	168	< 1	54	12.8	35	13	5.5	< 0.01	1.4
136697	< 5	0.47	2.44	2070	1.61	0.158	< 15	0.6	43.8	< 3	122	< 0.5	0.24	1.5	< 0.5	180	< 1	58	12.1	35	< 5	5.5	< 0.01	1.3

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Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
136698	< 5	0.54	1.82	2020	1.90	0.148	< 15	< 0.1	44.2	< 3	159	< 0.5	0.24	1.3	< 0.5	172	< 1	54	13.3	37	21	5.8	< 0.01	1.4
136699	< 5	0.68	2.06	2400	1.96	0.153	< 15	0.5	45.8	< 3	136	< 0.5	0.15	0.9	3.3	107	< 1	56	13.6	38	17	5.6	< 0.01	1.3
136700	< 5	0.40	1.68	1970	1.63	0.129	< 15	< 0.1	43.1	< 3	134	< 0.5	0.68	1.7	< 0.5	216	< 1	48	12.7	39	17	5.5	< 0.01	< 0.5
136701	< 5	0.50	1.90	2120	1.77	0.139	< 15	0.7	46.2	< 3	133	< 0.5	0.50	< 0.2	< 0.5	184	< 1	53	13.3	35	11	5.7	< 0.01	< 0.5
136702	< 5	0.48	1.65	2020	1.55	0.127	< 15	< 0.1	39.2	< 3	123	2.7	0.24	< 0.2	< 0.5	139	< 1	47	11.9	33	< 5	4.8	< 0.01	< 0.5
136703	< 5	0.60	1.92	2000	1.60	0.146	< 15	< 0.1	44.7	< 3	137	< 0.5	0.52	2.6	< 0.5	214	< 1	54	12.8	36	20	5.3	< 0.01	0.9
PREP BLANK	< 5	1.54	1.30	375	3.69	0.065	< 15	1.2	7.2	< 3	1140	< 0.5	0.22	3.4	< 0.5	62	< 1	8	24.5	47	< 5	3.5	< 0.01	< 0.5

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
136698	6.3	1.06	34.5
136699	6.7	1.20	32.2
136700	6.1	1.05	31.5
136701	6.6	1.08	31.0
136702	5.0	0.99	31.3
136703	6.1	1.05	31.5
PREP BLANK	1.1	0.13	30.1

Quality Control

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas			29.3		1070	2.3	13	700	36		692		0.22	2.13			1	1300		0.84				
GXR-1 Cert			31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas			30.9		1170	3.3	15	726	39		732		0.24	2.51			1	1390		0.91				
GXR-1 Cert			31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
DNC-1 Meas			< 0.3		96		< 1	5	235		59		0.05	9.17			< 1	< 2		7.78				
DNC-1 Cert			0.0270		96.0		0.700	6.30	247		66.0		0.0390	9.69			1.00	0.0200		8.06				
DNC-1 Meas			< 0.3		98		< 1	5	251		57		0.06	10.7			< 1	< 2		7.89				
DNC-1 Cert			0.0270		96.0		0.700	6.30	247		66.0		0.0390	9.69			1.00	0.0200		8.06				
GXR-4 Meas			3.7		6110	0.6	306	49	40		77		1.76	6.15			2	20		1.08				
GXR-4 Cert			4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas			3.4		6460	0.5	315	45	40		72		1.81	6.94			3	13		1.09				
GXR-4 Cert			4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-2 Meas			17.2		76	4.2	< 1	686	18		541		0.01	10.1			2	< 2		0.91				
GXR-2 Cert			17.0		76.0	4.10	2.10	690	21.0		530		0.0313	16.5			1.70	0.690		0.930				
GXR-2 Meas			17.7		80	4.7	1	703	20		553		0.02	11.0			2	< 2		0.94				
GXR-2 Cert			17.0		76.0	4.10	2.10	690	21.0		530		0.0313	16.5			1.70	0.690		0.930				
SDC-1 Meas			< 0.3		26	< 0.3	< 1	21	32		95		0.06	7.30			3	< 2		1.08				
SDC-1 Cert			0.0410		30.0	0.0800	0.250	25.0	38.0		103		0.0650	8.34			3.00	2.60		1.00				
SDC-1 Meas			< 0.3		34	0.4	< 1	23	37		102		0.06	8.68			4	< 2		1.14				
SDC-1 Cert			0.0410		30.0	0.0800	0.250	25.0	38.0		103		0.0650	8.34			3.00	2.60		1.00				
SCO-1 Meas			< 0.3		25	< 0.3	< 1	26	28		97			6.72			2	< 2		2.11				
SCO-1 Cert			0.134		28.7	0.140	1.37	31.0	27.0		103			7.24			1.84	0.370		1.87				
SCO-1 Meas			0.3		24	< 0.3	1	27	22		87			3.18			1	< 2		1.82				
SCO-1 Cert			0.134		28.7	0.140	1.37	31.0	27.0		103			7.24			1.84	0.370		1.87				
GXR-6 Meas			0.4		63	0.4	< 1	92	25		131		0.01	11.8			1	< 2		0.21				
GXR-6 Cert			1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas			0.4		61	0.4	1	93	26		124		< 0.01	7.55			1	< 2		0.17				
GXR-6 Cert			1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
OREAS 13P Meas					1700				2050															
OREAS 13P Cert					2500				2260															
OREAS 13P Meas					2550				2200															
OREAS 13P Cert					2500				2260															
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
DMMAS-106 Meas		641													4120						95	163		
DMMAS-106 Cert		599													4060						97	163		
DMMAS-106 Meas		592													4110						100	159		
DMMAS-106 Cert		599													4060						97	163		
DMMAS-106 Meas		590													4110						100	199		
DMMAS-106 Cert		599													4060						97	163		
OxC58 Meas	206																							
OxC58 Cert	201.000																							
OxC58 Meas	215																							
OxC58 Cert	201.000																							
136646 Orig	< 5	< 2	< 0.3	< 5	84	0.6	< 1	5	46	< 20	104	150	1.68	6.69	18.2	370	1	< 2	< 0.5	7.21	55	70	< 1	1.5
136646 Split	< 5	< 2	< 0.3	< 5	79	0.5	< 1	4	46	< 20	100	< 50	0.88	6.61	24.0	< 50	1	< 2	< 0.5	7.14	49	71	< 1	1.6
136655 Orig	< 5																							
136655 Dup	< 5																							
136656 Orig			< 0.3		43	0.6	< 1	< 3	46		134		0.21	6.51			1	< 2		6.71				
136656 Dup			< 0.3		42	0.4	< 1	4	44		133		0.20	6.36			1	< 2		6.63				
136665 Orig	2860																							
136665 Dup	2810																							
136675 Orig	< 5	< 2	< 0.3	< 5	55	0.4	< 1	3	45	< 20	114	200	0.28	6.52	7.8	< 50	1	< 2	< 0.5	8.41	42	74	< 1	1.5
136675 Split	< 5	< 2	< 0.3	< 5	55	0.5	< 1	< 3	44	280	111	160	0.28	6.80	12.4	< 50	1	< 2	< 0.5	8.41	47	74	< 1	1.8
136675 Orig	< 5																							

Quality Control

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
136675 Dup	< 5																							
136677 Orig			< 0.3		27	0.9	< 1	< 3	47		132		0.23	7.08			1	< 2		7.72				
136677 Dup			< 0.3		27	0.7	< 1	< 3	47		134		0.24	7.22			1	< 2		7.84				
136690 Orig	< 5																							
136690 Dup	< 5																							
136691 Orig			0.4		72	4.5	8	15	39		678		2.69	3.94			1	< 2		14.4				
136691 Dup			0.3		69	4.4	8	15	39		659		2.61	3.76			1	< 2		13.9				
136700 Orig	56																							
136700 Dup	27																							
136703 Orig	< 5	< 2	< 0.3	< 5	23	0.5	< 1	< 3	50	< 20	139	240	0.13	7.28	34.7	530	1	< 2	< 0.5	6.00	52	58	7	2.3
136703 Split	< 5	< 2	< 0.3	< 5	18	0.7	< 1	< 3	47	< 20	140	220	0.13	7.54	30.4	< 50	1	< 2	< 0.5	6.02	57	63	7	2.1
Method Blank Method Blank			< 0.3		1	< 0.3	< 1	< 3	1		1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				

Quality Control

Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
GXR-1 Meas					0.05	0.18	823		0.058					280					82		30			
GXR-1 Cert					0.0500	0.217	852		0.0650					275					80.0		32.0			
GXR-1 Meas					0.06	0.22	905		0.063					295					94		31			
GXR-1 Cert					0.0500	0.217	852		0.0650					275					80.0		32.0			
DNC-1 Meas					0.24	5.36	1050		0.028					140		0.27			142		18			
DNC-1 Cert					0.190	6.06	1150		0.0370					145		0.287			148		18.0			
DNC-1 Meas					0.27	6.01	1090		0.030					137		0.29			153		18			
DNC-1 Cert					0.190	6.06	1150		0.0370					145		0.287			148		18.0			
GXR-4 Meas					3.68	1.60	158		0.133					221					88		16			
GXR-4 Cert					4.01	1.66	155		0.120					221					87.0		14.0			
GXR-4 Meas					4.34	1.71	150		0.141					218					93		16			
GXR-4 Cert					4.01	1.66	155		0.120					221					87.0		14.0			
GXR-2 Meas					1.03	0.78	976		0.058					149					55		18			
GXR-2 Cert					1.37	0.850	1010		0.105					160					52.0		17.0			
GXR-2 Meas					1.68	0.77	1010		0.064					151					57		16			
GXR-2 Cert					1.37	0.850	1010		0.105					160					52.0		17.0			
SDC-1 Meas					1.96	0.88	809		0.050					168		0.10			36		35			
SDC-1 Cert					2.72	1.02	883		0.0690					183		0.606			102		40.0			
SDC-1 Meas					3.14	1.02	824		0.054					175		0.19			43		38			
SDC-1 Cert					2.72	1.02	883		0.0690					183		0.606			102		40.0			
SCO-1 Meas					1.22	1.53	377		0.081					165		0.34			129		23			
SCO-1 Cert					2.30	1.64	410		0.0900					174		0.380			131		26.0			
SCO-1 Meas					2.02	1.03	362		0.078					135		0.29			120		10			
SCO-1 Cert					2.30	1.64	410		0.0900					174		0.380			131		26.0			
GXR-6 Meas					1.41	0.58	1060		0.035					42					150		15			
GXR-6 Cert					1.87	0.609	1010		0.0350					35.0					186		14.0			
GXR-6 Meas					1.75	0.28	1080		0.024					35					175		7			
GXR-6 Cert					1.87	0.609	1010		0.0350					35.0					186		14.0			
OREAS 13P Meas																								
OREAS 13P Cert																								
OREAS 13P Meas																								
OREAS 13P Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
DMMAS-106 Meas	8.86							0.83				18.6						41.6		18		18.7	30	
DMMAS-106 Cert	8.50							0.82				18.1						38.1		19		18.6	33	
DMMAS-106 Meas	8.58							0.84				18.2						41.6		20		18.8	33	
DMMAS-106 Cert	8.50							0.82				18.1						38.1		19		18.6	33	
DMMAS-106 Meas	8.58							0.87				18.6						43.3		22		18.9	36	
DMMAS-106 Cert	8.50							0.82				18.1						38.1		19		18.6	33	
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
136646 Orig	8.41	5	< 1	< 5	0.76	2.51	1900	1.27	0.128	< 15	< 0.1	38.6	< 3	176	< 0.5	0.50	< 0.2	< 0.5	118	< 1	43	10.1	29	< 5
136646 Split	8.32	4	< 1	< 5	0.66	2.58	1860	1.17	0.108	< 15	0.6	38.8	< 3	192	< 0.5	0.56	1.3	< 0.5	160	< 1	43	10.9	32	< 5
136655 Orig																								
136655 Dup																								
136656 Orig					0.46	3.28	1850		0.133					127		0.22			108		44			
136656 Dup					0.45	3.24	1800		0.123					126		0.18			105		44			
136665 Orig																								
136665 Dup																								
136675 Orig	7.65	4	< 1	< 5	0.21	2.23	1830	1.04	0.127	< 15	< 0.1	38.1	< 3	208	< 0.5	0.18	1.3	< 0.5	122	< 1	45	9.4	23	13
136675 Split	8.36	4	< 1	< 5	0.20	2.18	1830	1.15	0.123	< 15	< 0.1	41.0	< 3	205	< 0.5	0.30	1.4	< 0.5	139	< 1	44	9.9	23	23
136675 Orig																								

Quality Control

Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
136675 Dup																								
136677 Orig					0.26	2.50	1890		0.127					197		0.17			125		46			
136677 Dup					0.26	2.56	1930		0.130					201		0.20			134		48			
136690 Orig																								
136690 Dup																								
136691 Orig					1.18	0.87	1330		0.052					119		0.43			117		22			
136691 Dup					1.13	0.85	1430		0.051					114		0.42			112		21			
136700 Orig																								
136700 Dup																								
136703 Orig	9.84	5	< 1	< 5	0.60	1.92	2000	1.60	0.146	< 15	< 0.1	44.7	< 3	137	< 0.5	0.52	2.6	< 0.5	214	< 1	54	12.8	36	20
136703 Split	9.93	4	< 1	< 5	0.61	2.00	2020	1.63	0.152	< 15	0.8	44.2	< 3	138	< 0.5	0.29	< 0.2	< 0.5	166	< 1	55	13.4	39	16
Method Blank Method Blank					< 0.01	< 0.01	1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	4		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	3		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	2		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	2		< 0.001					< 1		< 0.01			< 2		< 1			

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas						
GXR-1 Cert						
GXR-1 Meas						
GXR-1 Cert						
DNC-1 Meas						
DNC-1 Cert						
DNC-1 Meas						
DNC-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-2 Meas						
GXR-2 Cert						
GXR-2 Meas						
GXR-2 Cert						
SDC-1 Meas						
SDC-1 Cert						
SDC-1 Meas						
SDC-1 Cert						
SCO-1 Meas						
SCO-1 Cert						
SCO-1 Meas						
SCO-1 Cert						
GXR-6 Meas						
GXR-6 Cert						
GXR-6 Meas						
GXR-6 Cert						
OREAS 13P Meas						
OREAS 13P Cert						
OREAS 13P Meas						
OREAS 13P Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
DMMAS-106 Meas	3.2			3.2		
DMMAS-106 Cert	2.9			3.4		
DMMAS-106 Meas	2.9			3.7		
DMMAS-106 Cert	2.9			3.4		
DMMAS-106 Meas	3.1			3.6		
DMMAS-106 Cert	2.9			3.4		
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
136646 Orig	4.2	< 0.01	< 0.5	4.3	0.81	30.9
136646 Split	4.3	< 0.01	< 0.5	4.7	0.90	28.8
136655 Orig						
136655 Dup						
136656 Orig						
136656 Dup						
136665 Orig						
136665 Dup						
136675 Orig	3.9	< 0.01	0.7	5.0	0.93	34.6
136675 Split	4.2	< 0.01	1.0	5.1	0.82	32.1
136675 Orig						

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
136675 Dup						
136677 Orig						
136677 Dup						
136690 Orig						
136690 Dup						
136691 Orig						
136691 Dup						
136700 Orig						
136700 Dup						
136703 Orig	5.3	< 0.01	0.9	6.1	1.05	31.5
136703 Split	5.3	< 0.01	1.0	5.8	0.96	32.5
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 23-Sep-08
Invoice No.: A08-6453
Invoice Date: 10-Nov-08
Your Reference: JE08-02

Lake Shore Gold Corp.
P.O. Box 1067
Timmins Ontario P4N 7W7

ATTN: John-results Mckenzie

CERTIFICATE OF ANALYSIS

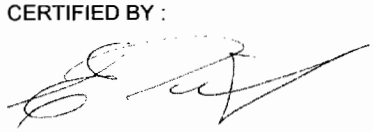
71 Core samples were submitted for analysis.

The following analytical packages were requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)
Code 1A2 Au - Fire Assay AA

REPORT **A08-6453**

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :



Elitsa Hrischeva, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905.648.9611 or +1.888.228.5227 FAX +1 905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
136551	< 5	< 2	< 0.3	36	< 0.3	< 1	10	62	77	0.14	8.59	8.7	840	1	< 2	< 0.5	1.79	14	94	< 1	1.4	3.03	3	< 1
136552	< 5	< 2	< 0.3	23	< 0.3	< 1	7	54	66	0.09	8.30	8.2	570	1	< 2	< 0.5	2.92	16	102	< 1	1.3	2.90	3	< 1
136553	6	< 2	< 0.3	37	< 0.3	< 1	8	67	82	0.13	8.74	7.5	< 50	1	< 2	< 0.5	1.82	17	123	< 1	1.3	3.20	3	< 1
136554	< 5	< 2	< 0.3	38	< 0.3	< 1	9	94	75	0.12	8.42	9.9	550	1	< 2	< 0.5	3.25	17	127	3	1.3	3.16	3	< 1
136555	< 5	< 2	< 0.3	76	< 0.3	1	5	98	62	0.26	7.17	9.4	< 50	2	< 2	< 0.5	5.49	29	195	< 1	1.5	3.96	3	< 1
136556	< 5	< 2	0.4	97	< 0.3	1	11	85	83	0.15	9.26	10.7	< 50	1	< 2	< 0.5	3.25	22	157	< 1	1.3	3.93	3	< 1
136557	< 5	< 2	< 0.3	48	< 0.3	< 1	9	77	80	0.16	6.31	23.1	500	1	< 2	< 0.5	1.13	22	126	3	1.4	3.35	3	< 1
136558	< 5	< 2	< 0.3	51	0.3	1	7	85	217	0.36	8.65	14.7	660	1	< 2	< 0.5	2.03	23	124	< 1	1.3	3.67	2	< 1
136559	9	< 2	0.4	36	< 0.3	< 1	8	78	79	0.20	8.35	24.6	400	1	< 2	< 0.5	2.46	19	125	< 1	1.7	3.50	4	< 1
136560	< 5	< 2	< 0.3	20	< 0.3	< 1	7	48	58	0.12	7.04	16.3	720	1	< 2	< 0.5	3.21	13	78	< 1	0.7	2.49	2	< 1
136561	2670	2760	< 0.3	95	< 0.3	3	30	12	21	0.03	8.38	1900	1200	22	< 2	< 0.5	0.05	< 1	157	7	1.8	3.14	2	< 1
136562	< 5	< 2	< 0.3	166	< 0.3	< 1	9	50	113	0.13	7.05	< 0.5	< 50	1	< 2	< 0.5	5.95	46	36	< 1	1.1	9.58	3	< 1
136563	< 5	< 2	< 0.3	32	< 0.3	< 1	6	63	66	0.14	7.91	16.3	700	1	< 2	< 0.5	4.81	17	101	2	0.9	3.03	3	< 1
136564	< 5	10	< 0.3	39	< 0.3	1	8	66	67	0.18	6.63	17.9	660	1	< 2	< 0.5	7.11	19	119	2	1.5	2.98	2	< 1
136565	< 5	< 2	< 0.3	30	< 0.3	< 1	5	62	65	0.09	4.95	17.3	380	1	< 2	< 0.5	2.61	15	109	2	1.2	2.90	3	< 1
136566	< 5	6	< 0.3	30	< 0.3	< 1	8	59	62	0.11	7.18	13.7	400	1	< 2	< 0.5	2.28	18	115	< 1	0.7	2.95	3	< 1
136567	< 5	< 2	< 0.3	39	< 0.3	< 1	8	76	77	0.13	8.30	11.6	< 50	1	< 2	< 0.5	1.89	19	118	3	1.0	3.24	3	< 1
136568	< 5	< 2	< 0.3	39	< 0.3	< 1	11	72	71	0.14	8.05	9.9	380	1	< 2	< 0.5	2.54	17	113	2	1.1	2.91	3	< 1
136569	< 5	< 2	< 0.3	43	< 0.3	< 1	9	82	76	0.14	8.67	11.3	640	1	< 2	< 0.5	1.96	18	122	2	0.9	3.15	3	< 1
136570	5	< 2	< 0.3	41	< 0.3	< 1	8	77	74	0.18	8.96	12.6	540	1	< 2	< 0.5	2.22	20	126	3	1.2	3.07	2	< 1
136571	< 5	< 2	0.4	40	< 0.3	< 1	7	67	78	0.21	8.81	25.9	250	1	< 2	< 0.5	2.28	18	105	< 1	0.9	2.93	3	< 1
136572	< 5	< 2	< 0.3	37	< 0.3	< 1	7	62	65	0.21	8.17	29.4	730	1	< 2	< 0.5	3.31	19	106	2	1.0	2.86	3	< 1
136573	< 5	< 2	< 0.3	41	< 0.3	< 1	5	68	72	0.17	10.6	28.9	610	1	< 2	< 0.5	3.14	18	115	2	1.5	3.27	3	< 1
136574	< 5	< 2	< 0.3	40	< 0.3	< 1	6	68	75	0.15	8.86	23.4	550	1	< 2	< 0.5	2.17	19	120	2	1.1	3.25	3	< 1
136575	< 5	< 2	< 0.3	33	< 0.3	< 1	8	60	55	0.12	5.96	21.3	400	1	< 2	< 0.5	3.64	15	119	< 1	1.4	2.87	3	< 1
136576	< 5	< 2	< 0.3	33	< 0.3	< 1	5	63	62	0.21	7.64	19.4	690	1	< 2	< 0.5	2.67	17	111	< 1	1.4	2.80	3	< 1
136577	< 5	< 2	< 0.3	32	< 0.3	< 1	6	62	69	0.17	8.27	19.9	600	1	< 2	< 0.5	2.67	18	117	< 1	1.2	3.25	3	< 1
136578	< 5	< 2	< 0.3	35	< 0.3	< 1	8	64	67	0.21	10.2	22.2	610	1	< 2	< 0.5	2.35	19	109	2	1.4	3.35	3	< 1
136579	< 5	< 2	< 0.3	44	< 0.3	< 1	13	62	72	0.16	7.50	20.9	560	1	< 2	< 0.5	2.65	14	95	2	1.1	2.79	3	< 1
136580	< 5	< 2	< 0.3	32	0.4	1	7	63	165	0.19	6.81	20.2	410	1	< 2	< 0.5	10.9	14	73	2	1.4	2.18	3	< 1
136581	< 5	7	< 0.3	33	< 0.3	< 1	13	61	64	0.11	8.35	27.9	490	1	< 2	< 0.5	2.09	18	109	2	1.1	3.01	3	< 1
136582	< 5	< 2	< 0.3	30	< 0.3	1	8	63	54	0.05	9.20	50.2	630	2	< 2	< 0.5	1.50	15	87	3	1.3	2.63	3	< 1
136583	< 5	< 2	< 0.3	27	< 0.3	1	10	57	56	0.06	8.40	46.6	610	1	< 2	< 0.5	1.70	14	90	2	0.9	2.65	3	< 1
136584	< 5	< 2	< 0.3	31	< 0.3	1	11	58	57	0.07	8.60	51.1	400	1	< 2	< 0.5	1.81	16	95	< 1	1.1	2.69	2	< 1
136585	< 5	< 2	0.4	31	< 0.3	1	12	62	59	0.09	8.87	45.2	340	1	< 2	< 0.5	1.90	16	92	< 1	1.1	2.78	3	< 1
136586	< 5	< 2	< 0.3	25	< 0.3	1	7	53	49	0.10	2.79	39.6	< 50	1	< 2	< 0.5	1.90	13	87	< 1	1.0	2.51	2	< 1
136587	< 5	< 2	0.4	43	< 0.3	< 1	8	69	70	0.30	7.84	29.2	< 50	1	< 2	< 0.5	2.46	17	107	< 1	1.1	3.05	3	< 1
136588	< 5	< 2	< 0.3	35	< 0.3	< 1	5	65	72	0.18	8.36	37.8	< 50	1	< 2	< 0.5	2.76	18	116	2	1.1	3.26	2	< 1
136589	< 5	< 2	< 0.3	43	< 0.3	< 1	7	80	64	0.15	9.36	45.5	490	1	< 2	< 0.5	2.09	22	130	2	1.1	3.41	2	< 1
136590	< 5	< 2	< 0.3	35	< 0.3	< 1	14	63	68	0.15	7.85	28.4	360	1	< 2	< 0.5	3.59	16	112	< 1	1.1	2.91	2	< 1
136591	< 5	< 2	< 0.3	55	< 0.3	1	5	94	76	0.25	10.7	32.4	660	1	< 2	< 0.5	1.75	24	126	2	1.2	3.71	3	< 1
136592	< 5	< 2	0.4	50	< 0.3	1	5	83	93	0.22	9.29	26.8	520	1	< 2	< 0.5	2.38	21	130	2	1.3	3.65	3	< 1
136593	< 5	< 2	< 0.3	52	< 0.3	< 1	10	97	80	0.14	9.94	32.6	570	1	< 2	< 0.5	1.87	24	136	< 1	1.3	3.63	2	< 1
136594	< 5	< 2	< 0.3	43	< 0.3	1	9	85	78	0.16	8.54	30.2	420	1	< 2	< 0.5	1.29	25	122	2	1.1	3.34	3	< 1
136595	< 5	8	< 0.3	47	< 0.3	< 1	8	109	97	0.12	4.76	32.7	610	1	< 2	< 0.5	1.49	23	141	2	1.4	3.54	3	< 1
136596	< 5	< 2	< 0.3	48	< 0.3	1	7	91	86	0.15	8.42	28.9	600	1	< 2	< 0.5	1.87	23	134	3	1.5	3.73	3	< 1
136597	< 5	< 2	< 0.3	33	< 0.3	< 1	15	74	71	0.27	7.83	25.3	500	1	< 2	< 0.5	3.28	18	102	2	1.1	3.16	2	< 1
136598	1620	1360	0.4	29	< 0.3	2	26	24	52	0.01	7.65	1100	810	14	< 2	< 0.5	0.03	2	247	6	1.4	2.77	5	< 1
136599	< 5	< 2	< 0.3	155	< 0.3	< 1	5	50	106	0.13	7.03	1.8	360	1	< 2	< 0.5	5.63	49	39	< 1	1.1	9.72	3	< 1
136600	< 5	< 2	< 0.3	45	0.3	1	7	82	83	0.21	9.64	28.0	560	1	< 2	< 0.5	2.36	21	115	< 1	1.3	3.31	3	< 1
136601	< 5	< 2	< 0.3	49	< 0.3	1	14	80	79	0.27	7.36	28.6	390	1	< 2	< 0.5	3.30	18	98	2	0.8	2.92	3	< 1

Activation Laboratories Ltd. Report: A08-6453

Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
136602	5	< 2	< 0.3	52	< 0.3	3	8	96	87	0.15	9.98	34.3	410	1	< 2	< 0.5	2.38	20	116	2	1.4	3.30	3	< 1
136603	< 5	< 2	< 0.3	48	< 0.3	15	8	89	61	0.40	10.1	32.5	330	1	< 2	< 0.5	3.17	19	100	2	1.1	3.02	3	< 1
136604	< 5	5	< 0.3	40	< 0.3	1	6	68	69	0.16	7.78	26.7	530	1	< 2	< 0.5	2.28	19	93	2	1.2	3.03	3	< 1
136605	< 5	< 2	< 0.3	26	< 0.3	1	6	67	65	0.17	5.50	17.4	370	1	< 2	< 0.5	1.85	18	115	2	1.1	3.48	2	< 1
136606	< 5	8	< 0.3	45	< 0.3	2	6	67	81	0.40	7.71	16.2	900	2	< 2	< 0.5	1.46	20	84	3	1.3	3.19	4	< 1
136607	< 5	< 2	< 0.3	41	< 0.3	< 1	8	68	72	0.28	7.90	7.2	440	1	< 2	< 0.5	2.44	20	105	< 1	1.1	5.98	3	< 1
136608	< 5	< 2	< 0.3	29	< 0.3	< 1	7	66	70	0.07	8.50	75.2	590	1	< 2	< 0.5	2.57	18	121	2	1.1	3.04	3	< 1
136609	< 5	< 2	< 0.3	32	< 0.3	< 1	8	71	65	0.06	9.51	70.6	880	1	< 2	< 0.5	3.36	17	104	2	1.0	2.78	2	< 1
136610	< 5	< 2	0.4	26	< 0.3	< 1	8	64	67	0.12	8.21	55.1	490	1	< 2	< 0.5	3.31	17	116	< 1	1.2	3.08	3	< 1
136611	< 5	< 2	< 0.3	34	< 0.3	< 1	7	60	66	0.14	8.86	53.3	630	1	< 2	< 0.5	3.88	15	117	2	1.3	3.10	3	< 1
136612	7	11	0.4	43	< 0.3	< 1	8	54	102	0.25	11.9	31.7	460	2	< 2	< 0.5	0.83	18	61	3	0.9	2.63	5	< 1
136613	8	< 2	0.5	44	< 0.3	1	8	59	102	0.31	7.38	38.1	260	1	< 2	1.4	1.03	23	59	2	1.1	2.55	4	< 1
136614	< 5	< 2	< 0.3	50	< 0.3	1	7	53	125	0.42	4.26	41.9	380	1	< 2	< 0.5	0.44	22	71	2	1.1	2.79	4	< 1
136615	6	< 2	< 0.3	40	< 0.3	1	5	52	105	0.19	10.3	44.6	< 50	1	< 2	< 0.5	0.78	23	65	2	1.1	2.65	5	< 1
136616	17	9	< 0.3	41	< 0.3	< 1	4	21	82	0.16	5.92	21.6	< 50	1	< 2	< 0.5	3.86	10	37	< 1	0.8	2.36	2	< 1
136617	9	< 2	1.8	43	< 0.3	1	13	64	155	0.22	9.66	48.5	570	1	< 2	< 0.5	0.33	22	65	2	1.2	3.08	5	< 1
136618	< 5	< 2	0.4	41	< 0.3	< 1	6	53	114	0.19	9.35	41.3	390	1	< 2	< 0.5	0.55	21	66	< 1	1.0	2.97	4	< 1
136619	5	< 2	0.4	55	< 0.3	< 1	7	56	111	0.34	9.03	38.0	330	1	< 2	< 0.5	0.87	21	64	2	0.8	2.98	4	< 1
136620	< 5	< 2	< 0.3	44	< 0.3	< 1	9	42	92	0.27	9.09	31.1	< 50	1	< 2	< 0.5	2.99	15	52	< 1	0.9	2.68	3	< 1
prep blank	< 5	< 2	< 0.3	10	< 0.3	< 1	16	17	34	0.07	6.98	< 0.5	830	1	< 2	< 0.5	1.64	5	35	2	0.7	1.39	2	< 1

Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
136551	< 5	0.88	1.46	520	3.27	0.071	< 15	< 0.1	10.2	< 3	192	< 0.5	0.32	4.4	< 0.5	88	< 1	12	27.2	50	19	4.0	< 0.01	< 0.5
136552	< 5	1.13	1.41	532	3.08	0.066	< 15	< 0.1	9.8	< 3	175	< 0.5	0.32	4.0	< 0.5	89	< 1	14	23.2	52	20	3.7	< 0.01	< 0.5
136553	< 5	1.13	1.39	563	3.06	0.072	< 15	< 0.1	11.5	< 3	218	< 0.5	0.36	4.2	< 0.5	102	< 1	12	27.4	56	19	4.1	< 0.01	< 0.5
136554	< 5	0.45	2.01	735	3.06	0.090	< 15	< 0.1	11.1	< 3	337	< 0.5	0.38	4.0	3.7	119	< 1	14	27.4	52	19	4.0	< 0.01	< 0.5
136555	< 5	0.02	2.61	846	3.53	0.070	< 15	< 0.1	15.0	< 3	468	3.5	0.40	4.0	2.1	124	< 1	13	27.0	62	25	4.1	< 0.01	< 0.5
136556	< 5	0.63	2.07	801	3.42	0.077	< 15	< 0.1	15.1	< 3	378	< 0.5	0.43	4.0	< 0.5	131	< 1	15	31.6	63	31	4.6	< 0.01	< 0.5
136557	< 5	1.61	0.98	427	1.84	0.060	113	< 0.1	14.6	< 3	121	< 0.5	0.35	5.6	< 0.5	113	< 1	10	27.3	60	21	4.1	< 0.01	< 0.5
136558	< 5	2.15	1.21	509	1.13	0.078	73	< 0.1	15.4	< 3	117	< 0.5	0.42	5.0	< 0.5	128	< 1	15	27.4	57	28	4.3	< 0.01	< 0.5
136559	< 5	1.48	1.17	499	1.75	0.067	< 15	0.5	13.9	< 3	136	< 0.5	0.28	4.3	< 0.5	92	< 1	14	31.4	63	27	4.4	< 0.01	< 0.5
136560	< 5	1.41	0.94	466	0.99	0.043	58	< 0.1	8.4	< 3	132	< 0.5	0.20	2.9	1.7	70	< 1	9	16.7	38	< 5	2.7	< 0.01	< 0.5
136561	< 5	2.32	0.37	90	0.11	0.031	141	151	13.3	< 3	147	< 0.5	0.36	15.9	< 0.5	111	21	21	46.7	86	23	6.8	< 0.01	< 0.5
136562	< 5	0.89	2.52	1720	1.49	0.057	< 15	< 0.1	35.0	< 3	229	< 0.5	0.81	1.5	< 0.5	376	< 1	32	11.0	27	8	3.1	< 0.01	< 0.5
136563	< 5	1.58	1.23	676	1.45	0.062	< 15	< 0.1	10.2	< 3	145	< 0.5	0.31	4.5	1.6	98	< 1	11	19.3	45	24	3.0	< 0.01	< 0.5
136564	< 5	1.57	1.21	814	1.84	0.068	62	0.3	10.9	< 3	187	< 0.5	0.34	4.2	< 0.5	98	< 1	12	23.1	50	20	3.7	< 0.01	< 0.5
136565	< 5	0.98	1.05	532	2.50	0.062	< 15	< 0.1	10.1	< 3	136	< 0.5	0.30	4.0	< 0.5	80	< 1	7	27.2	53	23	4.3	< 0.01	< 0.5
136566	< 5	0.93	1.18	479	2.94	0.062	< 15	0.5	10.0	< 3	161	< 0.5	0.27	4.3	2.0	78	< 1	11	26.3	54	27	3.8	< 0.01	0.7
136567	< 5	1.31	1.34	511	2.84	0.069	< 15	< 0.1	10.7	< 3	189	< 0.5	0.29	4.2	< 0.5	90	< 1	12	24.6	53	19	3.6	< 0.01	< 0.5
136568	< 5	1.12	1.22	530	2.83	0.068	< 15	< 0.1	9.9	< 3	182	< 0.5	0.30	3.5	< 0.5	87	< 1	12	23.2	47	15	3.6	< 0.01	< 0.5
136569	< 5	1.19	1.23	517	2.84	0.070	< 15	< 0.1	11.3	< 3	182	< 0.5	0.27	4.0	< 0.5	89	< 1	12	20.7	45	22	3.3	< 0.01	< 0.5
136570	< 5	1.60	1.23	534	2.53	0.069	86	< 0.1	12.1	< 3	173	2.3	0.27	4.6	< 0.5	87	< 1	13	27.3	58	21	4.1	< 0.01	< 0.5
136571	< 5	0.99	1.29	508	3.34	0.082	< 15	< 0.1	9.8	< 3	221	< 0.5	0.35	5.3	< 0.5	95	< 1	12	28.5	61	29	4.1	< 0.01	< 0.5
136572	< 5	1.85	1.27	552	1.88	0.077	< 15	< 0.1	9.4	< 3	181	< 0.5	0.31	4.8	1.8	91	3	13	27.2	55	26	3.7	< 0.01	< 0.5
136573	< 5	1.44	1.50	522	3.01	0.086	55	0.2	11.6	< 3	188	< 0.5	0.33	4.6	1.6	95	< 1	18	30.3	63	21	4.5	< 0.01	< 0.5
136574	< 5	1.23	1.30	452	3.24	0.078	< 15	< 0.1	11.2	< 3	195	< 0.5	0.35	5.2	< 0.5	99	5	12	27.6	60	26	4.2	< 0.01	< 0.5
136575	< 5	1.01	0.92	521	3.04	0.066	< 15	< 0.1	9.8	< 3	188	< 0.5	0.28	4.3	2.0	74	< 1	9	29.8	58	28	4.2	< 0.01	< 0.5
136576	< 5	1.33	1.04	453	3.08	0.069	67	< 0.1	10.3	< 3	196	< 0.5	0.32	4.2	< 0.5	92	< 1	10	33.8	64	23	4.2	< 0.01	< 0.5
136577	< 5	1.22	1.22	481	3.09	0.069	75	< 0.1	10.5	< 3	190	< 0.5	0.27	4.4	< 0.5	80	< 1	10	29.1	56	22	4.3	< 0.01	< 0.5
136578	< 5	1.84	1.27	517	2.26	0.074	55	0.5	11.3	< 3	224	< 0.5	0.35	5.0	2.1	94	< 1	14	31.3	65	30	4.2	< 0.01	< 0.5
136579	< 5	1.49	1.04	529	2.36	0.060	39	< 0.1	9.8	< 3	194	< 0.5	0.30	5.3	1.7	86	< 1	12	25.7	53	16	3.6	< 0.01	< 0.5
136580	< 5	1.40	0.71	1140	1.40	0.048	68	0.4	9.5	< 3	280	< 0.5	0.25	4.0	1.9	71	< 1	22	30.5	56	18	3.9	< 0.01	< 0.5
136581	< 5	1.44	1.34	555	2.45	0.062	< 15	< 0.1	10.6	< 3	203	< 0.5	0.28	7.4	2.4	83	< 1	11	27.6	54	29	4.0	< 0.01	< 0.5
136582	< 5	1.77	1.31	328	2.08	0.060	63	< 0.1	10.8	< 3	157	< 0.5	0.30	8.6	4.2	88	< 1	11	26.5	46	20	3.6	< 0.01	< 0.5
136583	< 5	1.64	1.26	356	2.38	0.055	109	< 0.1	10.6	< 3	165	< 0.5	0.28	8.4	3.2	87	< 1	11	24.6	54	21	3.5	< 0.01	< 0.5
136584	< 5	1.29	1.31	406	2.73	0.057	83	< 0.1	10.2	< 3	185	< 0.5	0.27	7.5	3.4	82	< 1	11	25.8	54	16	3.4	< 0.01	< 0.5
136585	< 5	1.21	1.27	431	2.94	0.061	48	0.5	9.8	< 3	185	< 0.5	0.31	7.1	2.2	88	< 1	11	24.3	51	26	3.4	< 0.01	< 0.5
136586	< 5	0.25	0.77	437	4.21	0.051	< 15	< 0.1	8.8	< 3	152	< 0.5	0.24	6.2	1.6	72	7	3	21.8	42	9	3.1	< 0.01	< 0.5
136587	< 5	0.99	1.18	493	3.26	0.070	< 15	0.5	11.7	< 3	232	< 0.5	0.35	4.6	1.8	102	< 1	10	26.8	51	22	3.8	< 0.01	< 0.5
136588	< 5	1.06	1.22	537	2.67	0.062	52	0.4	10.7	< 3	189	< 0.5	0.26	3.9	< 0.5	83	< 1	10	24.5	48	21	3.7	< 0.01	< 0.5
136589	< 5	1.78	1.25	496	1.75	0.067	74	< 0.1	14.8	< 3	160	< 0.5	0.34	4.7	< 0.5	117	< 1	10	27.4	56	20	4.1	< 0.01	< 0.5
136590	< 5	1.36	1.16	549	1.52	0.055	< 15	< 0.1	10.0	< 3	186	< 0.5	0.21	3.4	< 0.5	66	3	8	22.2	43	17	3.2	< 0.01	< 0.5
136591	< 5	1.78	1.26	496	1.22	0.074	72	0.4	17.0	< 3	166	< 0.5	0.40	5.1	< 0.5	144	< 1	12	28.9	61	29	4.7	< 0.01	< 0.5
136592	< 5	1.95	1.30	591	1.53	0.073	70	0.2	15.3	< 3	160	< 0.5	0.39	4.8	2.3	130	< 1	12	26.7	58	27	4.2	< 0.01	< 0.5
136593	< 5	2.22	1.37	599	1.48	0.072	71	< 0.1	17.4	< 3	161	1.6	0.45	5.9	1.3	156	< 1	12	26.1	54	25	4.2	< 0.01	0.7
136594	< 5	1.95	1.10	416	1.60	0.060	< 15	0.7	16.4	< 3	158	< 0.5	0.40	4.7	1.5	131	< 1	10	25.5	55	22	4.2	< 0.01	< 0.5
136595	< 5	1.64	1.12	575	1.58	0.066	68	0.4	15.0	< 3	164	< 0.5	0.42	4.8	< 0.5	134	< 1	5	30.1	61	26	4.3	< 0.01	< 0.5
136596	< 5	1.79	1.23	512	1.29	0.069	68	< 0.1	16.4	< 3	210	0.8	0.40	5.3	< 0.5	131	< 1	11	33.1	68	24	4.9	< 0.01	< 0.5
136597	< 5	1.48	1.23	656	0.76	0.055	65	< 0.1	11.4	< 3	261	< 0.5	0.29	3.9	1.4	90	< 1	9	22.7	45	21	3.2	< 0.01	< 0.5
136598	< 5	2.09	0.31	73	0.07	0.030	123	87.0	12.1	< 3	97	< 0.5	0.33	13.9	3.1	93	13	20	37.9	76	21	5.7	< 0.01	< 0.5
136599	< 5	0.89	2.47	1630	1.54	0.056	< 15	< 0.1	36.4	< 3	220	< 0.5	0.65	1.5	< 0.5	306	< 1	31	11.4	25	12	3.2	< 0.01	< 0.5
136600	< 5	1.77	1.22	533	1.30	0.066	53	< 0.1	14.1	< 3	241	< 0.5	0.39	4.3	< 0.5	123	< 1	12	26.4	52	22	3.9	< 0.01	< 0.5
136601	< 5	1.68	1.23	693	0.85	0.052	64	0.2	11.6	< 3	256	< 0.5	0.30	3.3	1.5	110	< 1	8	20.5	42	18	3.0	< 0.01	< 0.5
136602	< 5	1.81	1.30	542	1.07	0.065	41	0.4	15.2	< 3	285	< 0.5	0.39	4.5	1.5	138	< 1	12	29.3	58	23	4.1	< 0.01	< 0.5

Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
136603	< 5	1.77	1.16	542	1.37	0.062	46	0.5	12.8	< 3	376	< 0.5	0.27	4.1	< 0.5	116	< 1	11	27.3	50	23	3.6	< 0.01	0.5
136604	< 5	2.22	0.94	454	1.00	0.048	80	0.4	13.5	< 3	239	< 0.5	0.38	3.8	< 0.5	105	< 1	10	25.1	52	24	3.8	< 0.01	< 0.5
136605	< 5	1.03	0.88	425	2.20	0.051	42	0.3	10.8	< 3	198	< 0.5	0.29	3.6	1.5	82	< 1	6	22.5	48	18	3.4	< 0.01	< 0.5
136606	< 5	2.80	0.69	305	0.69	0.044	103	0.4	16.1	< 3	208	< 0.5	0.42	4.3	< 0.5	120	< 1	10	26.6	57	27	4.2	< 0.01	< 0.5
136607	< 5	0.98	1.33	659	1.74	0.073	62	< 0.1	11.5	< 3	226	< 0.5	0.31	3.2	< 0.5	98	< 1	9	22.6	49	19	3.5	< 0.01	< 0.5
136608	< 5	1.19	1.23	432	2.32	0.058	55	< 0.1	10.3	< 3	238	< 0.5	0.28	2.8	< 0.5	87	< 1	8	21.1	42	17	3.3	< 0.01	< 0.5
136609	< 5	1.94	1.49	555	1.19	0.066	86	< 0.1	10.5	< 3	254	< 0.5	0.31	3.0	1.8	97	< 1	9	20.8	43	17	3.4	< 0.01	< 0.5
136610	< 5	1.26	1.38	503	1.13	0.060	55	0.4	9.5	< 3	234	< 0.5	0.29	3.0	2.3	86	< 1	9	20.6	43	17	3.2	< 0.01	< 0.5
136611	< 5	1.63	1.27	593	1.14	0.065	77	0.2	9.9	< 3	230	< 0.5	0.30	3.2	< 0.5	90	3	8	23.8	44	20	3.5	< 0.01	< 0.5
136612	< 5	1.45	0.70	294	1.57	0.036	67	< 0.1	16.7	< 3	272	< 0.5	0.42	4.1	< 0.5	114	6	15	24.8	53	22	4.1	< 0.01	< 0.5
136613	< 5	1.37	0.64	401	1.34	0.033	< 15	0.7	15.0	< 3	218	1.8	0.50	3.7	1.5	134	6	8	20.4	48	17	3.6	< 0.01	< 0.5
136614	< 5	1.29	0.50	286	1.64	0.033	46	< 0.1	17.3	< 3	130	< 0.5	0.48	3.9	< 0.5	119	< 1	5	22.7	46	19	4.1	< 0.01	< 0.5
136615	< 5	1.50	0.68	411	1.63	0.035	< 15	< 0.1	17.9	< 3	227	2.3	0.53	4.1	< 0.5	139	< 1	13	27.3	53	26	4.8	< 0.01	0.8
136616	< 5	0.84	0.90	849	0.85	0.017	< 15	0.2	9.3	< 3	147	1.6	0.24	1.7	1.2	62	5	10	10.4	25	11	2.2	< 0.01	< 0.5
136617	< 5	1.50	0.73	266	1.50	0.035	80	0.4	18.4	< 3	205	< 0.5	0.52	4.0	< 0.5	135	< 1	12	23.7	56	17	4.3	< 0.01	< 0.5
136618	< 5	1.34	0.71	370	1.55	0.032	41	< 0.1	17.5	< 3	195	< 0.5	0.32	3.5	< 0.5	98	< 1	12	23.7	55	26	4.3	< 0.01	< 0.5
136619	< 5	1.31	0.69	383	1.56	0.031	47	0.8	17.0	< 3	192	< 0.5	0.39	3.7	2.4	112	< 1	11	20.6	46	20	3.6	< 0.01	< 0.5
136620	< 5	1.24	0.93	991	1.25	0.030	< 15	< 0.1	13.6	< 3	188	< 0.5	0.28	2.5	< 0.5	80	< 1	12	18.6	41	14	3.3	< 0.01	< 0.5
prep blank	< 5	2.77	0.49	265	3.05	0.034	104	< 0.1	4.0	< 3	339	1.8	0.14	14.6	1.8	34	< 1	5	23.2	43	12	2.5	< 0.01	< 0.5

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
136551	1.3	0.18	30.0
136552	1.0	0.17	28.0
136553	1.4	0.22	29.6
136554	1.3	0.20	29.0
136555	1.7	0.27	28.8
136556	1.4	0.20	30.7
136557	1.6	0.30	27.0
136558	1.4	0.31	28.9
136559	1.3	0.21	26.8
136560	0.7	0.15	30.2
136561	2.7	0.68	18.6
136562	3.4	0.64	36.3
136563	0.9	0.20	30.1
136564	1.0	0.25	29.8
136565	1.2	0.22	27.8
136566	1.2	0.20	29.6
136567	1.3	0.16	30.5
136568	0.9	0.19	27.6
136569	1.3	0.21	28.4
136570	1.4	0.23	27.6
136571	1.2	0.18	29.4
136572	1.1	0.16	30.3
136573	1.4	0.19	29.2
136574	1.3	0.26	28.1
136575	1.2	0.19	27.2
136576	1.3	0.17	28.4
136577	1.0	0.22	26.9
136578	1.4	0.25	31.4
136579	1.0	0.21	29.3
136580	1.4	0.26	30.0
136581	0.9	0.19	25.8
136582	1.1	0.20	28.7
136583	1.1	0.20	28.7
136584	1.1	0.20	27.8
136585	0.9	0.16	28.3
136586	0.7	0.15	30.2
136587	1.4	0.25	28.2
136588	0.9	0.20	29.2
136589	1.1	0.27	28.2
136590	1.1	0.17	30.1
136591	1.6	0.34	24.4
136592	1.2	0.21	25.4
136593	1.4	0.29	28.8
136594	1.7	0.29	29.7
136595	1.5	0.32	29.6
136596	1.5	0.30	26.5
136597	1.2	0.19	29.0
136598	3.0	0.61	23.3
136599	3.8	0.64	33.9
136600	1.4	0.21	30.6
136601	1.2	0.22	26.6
136602	1.4	0.22	29.0

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
136603	1.5	0.19	28.2
136604	1.7	0.26	29.8
136605	1.1	0.25	27.5
136606	2.2	0.37	26.3
136607	1.2	0.22	29.1
136608	1.3	0.19	28.9
136609	1.2	0.22	28.2
136610	1.1	0.22	30.4
136611	1.1	0.15	31.4
136612	2.6	0.48	30.9
136613	2.3	0.46	24.7
136614	3.1	0.47	25.0
136615	3.0	0.53	23.2
136616	1.5	0.28	28.0
136617	3.0	0.50	21.8
136618	2.7	0.50	20.0
136619	2.8	0.42	22.5
136620	2.3	0.39	23.2
prep blank	0.6	0.16	28.8

Quality Control

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas			30.6		1140	3.3	13	723	40		726		0.23	2.29			1	1390		0.92				
GXR-1 Cert			31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
DNC-1 Meas			< 0.3		91		< 1	5	243		54		0.05	10.5			< 1	< 2		7.92				
DNC-1 Cert			0.0270		96.0		0.700	6.30	247		66.0		0.0390	9.69			1.00	0.0200		8.06				
GXR-4 Meas			3.6		6490	0.3	316	52	46		78		1.80	7.47			2	10		1.15				
GXR-4 Cert			4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-2 Meas			17.9		97	4.7	1	711	21		563		0.03	13.3			2	< 2		1.02				
GXR-2 Cert			17.0		76.0	4.10	2.10	690	21.0		530		0.0313	16.5			1.70	0.690		0.930				
SDC-1 Meas			< 0.3		29	< 0.3	< 1	19	37		99		0.06	5.92			3	< 2		0.94				
SDC-1 Cert			0.0410		30.0	0.0800	0.250	25.0	38.0		103		0.0650	8.34			3.00	2.60		1.00				
SCO-1 Meas			< 0.3		24	< 0.3	< 1	28	27		91			13.4			2	< 2		2.25				
SCO-1 Cert			0.134		28.7	0.140	1.37	31.0	27.0		103			7.24			1.84	0.370		1.87				
GXR-6 Meas			0.5		63	< 0.3	2	86	25		123		0.01	13.9			1	< 2		0.19				
GXR-6 Cert			1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
OREAS 13P Meas					2260				2030															
OREAS 13P Cert					2500				2260															
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
DMMAS 107 Meas		552										250			3080						77	161		
DMMAS 107 Cert		557										204			2980						74	166		
DMMAS 107 Meas		568										180			3190						78	169		
DMMAS 107 Cert		557										204			2980						74	166		
DMMAS 107 Meas		551										190			3080						74	183		
DMMAS 107 Cert		557										204			2980						74	166		
OxC58 Meas	191																							
OxC58 Cert	201.000																							
OxC58 Meas	214																							
OxC58 Cert	201.000																							
OxC58 Meas	212																							
OxC58 Cert	201.000																							
OxC58 Meas	183																							
OxC58 Cert	201.000																							
OxC58 Meas	204																							
OxC58 Cert	201.000																							
136551 Orig	< 5	< 2	< 0.3	< 5	36	< 0.3	< 1	10	62	< 20	77	< 50	0.14	8.59	8.7	840	1	< 2	< 0.5	1.79	14	94	< 1	1.4
136551 Split	< 5	< 2	< 0.3	< 5	80	< 0.3	< 1	9	66	< 20	73	< 50	0.13	8.97	2.8	470	1	< 2	< 0.5	1.78	16	114	< 1	1.4
136552 Orig			< 0.3		23	< 0.3	< 1	5	54		65		0.10	8.23			1	< 2		2.89				
136552 Dup			< 0.3		22	< 0.3	< 1	9	54		67		0.09	8.37			1	< 2		2.95				
136563 Orig	9																							
136563 Dup	< 5																							
136573 Orig	< 5		0.3		41	< 0.3	< 1	5	67		71		0.14	8.65			1	< 2		3.10				
136573 Dup	< 5		0.3		41	< 0.3	< 1	5	68		72		0.19	12.5			1	< 2		3.18				
136580 Orig	< 5	< 2	0.3	< 5	32	0.4	1	7	63	< 20	165	210	0.19	6.81	20.2	410	1	< 2	< 0.5	10.9	14	73	2	1.4
136580 Split	< 5	< 2	< 0.3	< 5	29	0.5	< 1	9	65	< 20	161	210	0.20	7.87	20.3	440	1	< 2	< 0.5	11.1	14	88	2	1.4
136580 Split			< 0.3		29	0.5	< 1	9	65		161		0.20	7.87			1	< 2		11.1				
136583 Orig	< 5																							
136583 Dup	< 5																							
136587 Orig			0.3		42	< 0.3	< 1	8	68		69		0.29	6.18			1	< 2		2.31				
136587 Dup			0.4		44	< 0.3	< 1	8	70		71		0.31	9.50			1	< 2		2.61				

Quality Control

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
136598 Orig	1600																							
136598 Dup	1640																							
136608 Orig	< 5		0.3		30	< 0.3	< 1	7	64		67		0.06	8.06			1	< 2		2.48				
136608 Dup	< 5		0.3		27	< 0.3	< 1	6	68		72		0.07	8.94			1	< 2		2.65				
136610 Orig	< 5	< 2	0.4	< 5	26	< 0.3	< 1	8	64	< 20	67	100	0.12	8.21	55.1	490	1	< 2	< 0.5	3.31	17	116	< 1	1.2
136610 Split	< 5	< 2	< 0.3	< 5	28	< 0.3	< 1	9	65	< 20	69	80	0.13	8.56	56.4	600	1	< 2	< 0.5	3.31	16	113	< 1	1.1
136618 Orig	< 5																							
136618 Dup	8																							
136620 Orig	< 5	< 2	0.3	< 5	44	< 0.3	< 1	9	42	< 20	92	110	0.27	9.09	31.1	< 50	1	< 2	< 0.5	2.99	15	52	< 1	0.9
136620 Split	6	2	< 0.3	< 5	33	0.3	1	6	41	< 20	88	< 50	0.23	5.41	35.7	320	1	< 2	< 0.5	2.40	16	53	2	0.8
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	0.05			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank	< 5																							
Method Blank Method Blank	< 5																							

Quality Control

Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
GXR-1 Meas					0.04	0.18	855		0.058					295					89		30			
GXR-1 Cert					0.0500	0.217	852		0.0650					275					80.0		32.0			
DNC-1 Meas					0.18	5.21	1050		0.026					140		0.29			143		16			
DNC-1 Cert					0.190	6.06	1150		0.0370					145		0.287			148		18.0			
GXR-4 Meas					3.48	1.56	152		0.137					224					94		16			
GXR-4 Cert					4.01	1.66	155		0.120					221					87.0		14.0			
GXR-2 Meas					1.39	0.76	1070		0.068					161					60		18			
GXR-2 Cert					1.37	0.850	1010		0.105					160					52.0		17.0			
SDC-1 Meas					2.39	0.75	893		0.059					155		0.65			104		19			
SDC-1 Cert					2.72	1.02	883		0.0690					183		0.606			102		40.0			
SCO-1 Meas					2.48	1.74	380		0.091					179		0.36			129		36			
SCO-1 Cert					2.30	1.64	410		0.0900					174		0.380			131		26.0			
GXR-6 Meas					1.69	0.53	1040		0.037					40					191		14			
GXR-6 Cert					1.87	0.609	1010		0.0350					35.0					186		14.0			
OREAS 13P Meas																								
OREAS 13P Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
DMMAS 107 Meas	6.93							0.76			2.7	14.4						28.7		16		14.8	25	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
DMMAS 107 Meas	7.15							0.72			2.6	15.4						31.6		17		15.4	22	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
DMMAS 107 Meas	6.95							0.75			1.3	14.5						27.5		13		14.9	22	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
136551 Orig	3.03	3	< 1	< 5	0.88	1.46	520	3.27	0.071	< 15	< 0.1	10.2	< 3	192	< 0.5	0.32	4.4	< 0.5	88	< 1	12	27.2	50	19
136551 Split	3.08	3	< 1	< 5	0.88	1.48	528	3.30	0.072	< 15	< 0.1	10.4	< 3	194	< 0.5	0.35	3.7	1.6	92	< 1	12	27.5	54	20
136552 Orig					1.13	1.41	524		0.066					175		0.32			87		14			
136552 Dup					1.14	1.42	539		0.066					174		0.33			91		13			
136563 Orig																								
136563 Dup																								
136573 Orig					1.30	1.35	503		0.078					183		0.30			89		15			
136573 Dup					1.59	1.64	540		0.093					192		0.36			101		20			
136580 Orig	2.18	3	< 1	< 5	1.40	0.71	1140	1.40	0.048	68	0.4	9.5	< 3	280	< 0.5	0.25	4.0	1.9	71	< 1	22	30.5	56	18
136580 Split	2.32	2	< 1	< 5	1.49	0.73	1180	1.52	0.051	66	0.6	10.1	< 3	287	< 0.5	0.25	4.3	< 0.5	74	< 1	22	32.4	61	26
136580 Split					1.49	0.73	1180		0.051					287		0.25			74		22			
136583 Orig																								
136583 Dup																								
136587 Orig					0.92	1.11	493		0.067					223		0.33			102		8			
136587 Dup					1.06	1.26	493		0.073					241		0.37			102		12			

Quality Control

Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
136598 Orig																								
136598 Dup																								
136608 Orig					1.16	1.19	415		0.058					231		0.29			86		7			
136608 Dup					1.22	1.26	448		0.059					245		0.28			88		8			
136610 Orig	3.08	3	< 1	< 5	1.26	1.38	503	1.13	0.060	55	0.4	9.5	< 3	234	< 0.5	0.29	3.0	2.3	86	< 1	9	20.6	43	17
136610 Split	3.15	2	< 1	< 5	1.32	1.43	528	1.14	0.061	< 15	0.2	9.8	< 3	243	< 0.5	0.27	3.3	< 0.5	89	< 1	8	21.1	45	21
136618 Orig																								
136618 Dup																								
136620 Orig	2.68	3	< 1	< 5	1.24	0.93	991	1.25	0.030	< 15	< 0.1	13.6	< 3	188	< 0.5	0.28	2.5	< 0.5	80	< 1	12	18.6	41	14
136620 Split	2.64	3	< 1	< 5	0.99	0.75	930	1.30	0.028	< 15	0.2	14.0	< 3	150	< 0.5	0.35	3.1	< 0.5	86	< 1	6	19.4	41	15
Method Blank Method Blank					< 0.01	< 0.01	2		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	< 1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	< 1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank																								
Method Blank Method Blank																								

Quality Control						
Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas						
GXR-1 Cert						
DNC-1 Meas						
DNC-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-2 Meas						
GXR-2 Cert						
SDC-1 Meas						
SDC-1 Cert						
SCO-1 Meas						
SCO-1 Cert						
GXR-6 Meas						
GXR-6 Cert						
OREAS 13P Meas						
OREAS 13P Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
DMMAS 107 Meas	2.5			2.9	0.56	
DMMAS 107 Cert	3.90			2.70	0.54	
DMMAS 107 Meas	2.6			3.2	0.63	
DMMAS 107 Cert	3.90			2.70	0.54	
DMMAS 107 Meas	2.6			2.8	0.42	
DMMAS 107 Cert	3.90			2.70	0.54	
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
136551 Orig	4.0	< 0.01	< 0.5	1.3	0.18	30.0
136551 Split	3.9	< 0.01	< 0.5	1.1	0.20	29.3
136552 Orig						
136552 Dup						
136563 Orig						
136563 Dup						
136573 Orig						
136573 Dup						
136580 Orig	3.9	< 0.01	< 0.5	1.4	0.26	30.0
136580 Split	4.3	< 0.01	0.7	1.6	0.22	26.6
136580 Split						
136583 Orig						
136583 Dup						
136587 Orig						
136587 Dup						

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
136598 Orig						
136598 Dup						
136608 Orig						
136608 Dup						
136610 Orig	3.2	< 0.01	< 0.5	1.1	0.22	30.4
136610 Split	3.3	< 0.01	< 0.5	1.4	0.17	25.8
136618 Orig						
136618 Dup						
136620 Orig	3.3	< 0.01	< 0.5	2.3	0.39	23.2
136620 Split	3.5	< 0.01	< 0.5	2.3	0.38	21.9
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 11-Sep-08
Invoice No.: A08-6088 (i)
Invoice Date: 07-Nov-08
Your Reference: JE08-01 Jessop

Lake Shore Gold Corp.
P.O. Box 1067
Timmins Ontario P4N 7W7

ATTN: John-results Mckenzie

CERTIFICATE OF ANALYSIS

70 Core samples and 1 Crushed Rock sample were submitted for analysis.

The following analytical packages were requested: Code 1A2 Au - Fire Assay AA
Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A08-6088 (i)**

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Elitsa Hrischeva, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1 888.228.5227 FAX +1 905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
136501	< 5	16	0.3	40	< 0.3	< 1	6	63	71	0.17	7.66	8.0	610	1	< 2	< 0.5	2.94	16	87	< 1	0.9	2.74	2	< 1
136502	< 5	< 2	< 0.3	45	0.5	< 1	4	62	74	0.30	7.15	7.0	700	1	< 2	< 0.5	2.69	17	101	< 1	1.3	3.44	3	< 1
136503	< 5	< 2	< 0.3	48	0.4	< 1	6	64	82	0.24	7.19	9.0	460	1	< 2	< 0.5	2.97	20	112	< 1	1.2	3.30	2	< 1
136504	< 5	< 2	0.3	45	0.4	< 1	5	56	72	0.19	4.46	10.0	460	< 1	< 2	< 0.5	2.06	17	95	< 1	1.2	3.11	2	< 1
136505	< 5	< 2	< 0.3	47	0.3	< 1	5	62	73	0.17	7.42	11.0	500	< 1	< 2	< 0.5	1.94	20	102	2	1.3	3.27	3	< 1
136506	< 5	8	0.3	52	0.4	< 1	5	63	72	0.30	6.68	10.0	550	< 1	< 2	< 0.5	3.66	20	115	1	1.3	3.31	3	< 1
136507	< 5	< 2	< 0.3	56	0.5	< 1	4	76	77	0.23	8.29	18.0	900	1	< 2	< 0.5	2.32	22	118	2	1.0	3.59	2	< 1
136508	< 5	< 2	< 0.3	60	0.4	< 1	5	78	81	0.17	7.75	14.0	550	1	< 2	< 0.5	2.39	21	94	2	1.0	3.40	2	< 1
136509	< 5	< 2	< 0.3	52	0.4	< 1	5	77	78	0.20	7.87	12.0	< 50	1	< 2	< 0.5	2.45	20	122	3	1.4	3.63	3	< 1
136510	< 5	< 2	0.3	53	0.5	< 1	4	75	74	0.16	7.95	16.0	600	1	< 2	< 0.5	2.88	23	122	2	1.2	3.37	3	< 1
136511	< 5	< 2	< 0.3	55	0.3	< 1	4	75	73	0.16	8.04	13.0	630	1	< 2	< 0.5	2.46	21	112	< 1	1.2	3.17	2	< 1
136512	< 5	< 2	0.3	187	2.0	< 1	< 3	56	112	0.14	6.31	6.0	< 50	< 1	< 2	1.0	5.89	51	50	< 1	1.3	10.2	2	< 1
136513	< 5	< 2	0.3	65	0.8	3	4	100	90	0.21	9.40	18.0	570	1	< 2	< 0.5	2.01	27	140	3	1.4	4.21	3	< 1
136514	< 5	< 2	< 0.3	52	0.7	1	7	74	80	0.23	7.61	11.0	470	1	< 2	< 0.5	2.32	22	117	2	1.2	3.65	2	< 1
136515	< 5	< 2	0.4	43	0.4	1	4	62	71	0.15	5.13	14.0	510	< 1	< 2	< 0.5	2.19	19	92	2	1.3	3.05	2	< 1
136516	< 5	< 2	< 0.3	49	0.6	4	4	67	73	0.17	7.07	15.0	< 50	1	< 2	< 0.5	2.20	20	96	2	1.3	3.43	4	< 1
136517	< 5	< 2	< 0.3	51	0.5	< 1	7	67	71	0.14	7.55	16.0	430	1	< 2	< 0.5	2.30	20	97	2	1.3	3.03	3	< 1
136518	< 5	< 2	< 0.3	51	0.4	< 1	4	69	73	0.13	7.74	17.0	470	1	< 2	< 0.5	2.31	20	96	2	1.3	2.95	3	< 1
136519	< 5	< 2	< 0.3	60	0.7	2	5	89	87	0.16	9.02	18.0	520	1	< 2	< 0.5	1.58	22	113	2	1.4	3.70	3	< 1
136520	< 5	< 2	0.4	60	0.4	< 1	5	84	84	0.18	8.50	15.0	790	1	< 2	< 0.5	1.90	24	118	< 1	1.3	3.59	3	< 1
136521	57	28	0.3	52	0.6	< 1	6	77	84	0.14	8.03	15.0	510	1	< 2	< 0.5	1.84	21	115	4	1.3	3.59	2	< 1
136522	< 5	< 2	< 0.3	53	0.7	< 1	3	66	73	0.25	7.78	8.0	640	1	< 2	< 0.5	2.44	19	104	3	1.5	3.37	3	< 1
136523	< 5	< 2	< 0.3	66	0.7	< 1	9	69	82	0.21	7.29	8.0	690	1	< 2	< 0.5	3.09	26	115	3	1.0	4.31	3	< 1
136524	1550	1470	< 0.3	34	< 0.3	3	19	25	48	0.01	5.74	1120	670	14	< 2	< 0.5	0.02	4	265	9	1.2	2.86	5	< 1
136525	7	< 2	< 0.3	187	1.1	< 1	< 3	54	109	0.14	5.95	6.0	560	< 1	< 2	2.0	5.67	47	33	< 1	1.1	9.52	2	< 1
136526	< 5	< 2	< 0.3	46	0.4	< 1	4	63	71	0.26	7.13	4.0	620	1	< 2	< 0.5	3.07	18	96	< 1	1.2	3.28	3	< 1
136527	< 5	< 2	< 0.3	43	0.3	< 1	5	62	97	0.19	7.57	5.0	370	1	< 2	< 0.5	2.57	17	102	< 1	1.0	2.98	3	< 1
136528	< 5	< 2	< 0.3	47	0.5	< 1	5	59	110	0.19	7.35	6.0	540	< 1	< 2	< 0.5	2.82	17	110	< 1	1.2	3.00	3	< 1
136529	< 5	< 2	< 0.3	56	0.5	< 1	8	63	97	0.28	7.52	5.0	470	< 1	< 2	< 0.5	3.19	18	109	3	1.3	3.01	3	< 1
136530	< 5	< 2	< 0.3	51	0.5	1	4	65	93	0.26	7.87	5.0	500	1	< 2	< 0.5	2.58	18	102	3	1.2	3.14	3	< 1
136531	< 5	< 2	0.4	51	0.4	< 1	9	68	90	0.22	8.24	7.0	510	1	< 2	< 0.5	2.32	19	105	< 1	1.3	3.00	3	< 1
136532	< 5	< 2	0.3	74	0.4	< 1	4	80	81	0.41	9.35	4.0	830	1	< 2	< 0.5	1.65	24	123	3	1.2	3.51	4	< 1
136533	8	< 2	< 0.3	43	0.3	< 1	< 3	32	41	0.25	4.29	2.0	290	< 1	< 2	< 0.5	7.08	9	60	2	0.7	1.90	2	< 1
136534	< 5	< 2	0.4	36	0.6	1	3	62	76	0.24	7.20	6.0	730	1	< 2	< 0.5	2.30	20	114	3	1.2	3.46	3	< 1
136535	< 5	< 2	< 0.3	43	0.4	< 1	5	62	73	0.18	7.74	7.0	770	1	< 2	< 0.5	2.16	17	106	2	1.3	3.42	4	< 1
136536	< 5	< 2	< 0.3	51	0.4	< 1	3	63	75	0.24	7.22	6.0	470	1	< 2	< 0.5	3.31	20	117	2	1.1	3.30	4	< 1
136537	< 5	< 2	< 0.3	52	0.5	< 1	< 3	65	82	0.23	7.69	9.0	500	1	< 2	< 0.5	2.46	20	116	2	1.2	3.41	3	< 1
136538	< 5	< 2	< 0.3	47	0.4	< 1	6	59	70	0.23	7.43	8.0	540	1	< 2	< 0.5	3.52	18	102	2	1.1	2.99	4	< 1
136539	< 5	< 2	< 0.3	48	0.5	1	4	67	75	0.22	8.31	10.0	720	1	< 2	< 0.5	2.23	20	109	3	1.2	3.30	3	< 1
136540	< 5	< 2	0.3	49	0.5	1	< 3	68	82	0.25	8.75	7.0	660	1	< 2	< 0.5	2.14	20	101	2	1.2	3.48	4	< 1
136541	9	< 2	< 0.3	43	0.5	2	8	43	69	0.29	6.02	3.0	< 50	< 1	< 2	< 0.5	12.2	14	67	2	2.5	2.70	2	< 1
136542	< 5	< 2	< 0.3	54	0.5	< 1	4	71	81	0.29	7.16	6.0	670	1	< 2	< 0.5	2.10	23	131	2	1.5	3.74	4	< 1
136543	< 5	< 2	0.4	46	0.4	1	4	63	73	0.25	4.84	6.0	580	1	< 2	< 0.5	1.91	20	110	< 1	1.2	3.39	3	< 1
136544	< 5	< 2	< 0.3	90	0.5	3	< 3	85	78	0.39	6.89	20.0	400	2	< 2	< 0.5	4.88	28	181	< 1	1.6	4.66	3	< 1
136545	< 5	< 2	< 0.3	52	0.6	< 1	4	69	79	0.26	7.48	6.0	500	1	< 2	< 0.5	2.57	20	125	3	1.4	3.76	4	< 1
136546	< 5	< 2	< 0.3	37	1.0	< 1	5	68	74	0.12	7.47	12.0	680	1	< 2	< 0.5	2.65	20	97	3	1.1	3.14	2	< 1
136547	< 5	< 2	< 0.3	54	0.5	< 1	5	75	83	0.35	7.92	6.0	820	1	< 2	< 0.5	1.90	21	120	3	1.5	3.83	4	< 1
136548	< 5	< 2	0.3	56	0.6	2	3	83	88	0.28	9.01	7.0	590	1	< 2	< 0.5	1.51	22	117	3	1.2	3.85	3	< 1
136549	< 5	< 2	0.3	52	0.4	< 1	5	78	85	0.19	7.70	8.0	740	1	< 2	< 0.5	1.35	21	119	3	1.3	3.70	4	< 1
136550	< 5	2	< 0.3	36	0.5	< 1	4	64	70	0.11	7.33	8.0	420	1	< 2	< 0.5	2.86	19	106	2	1.0	3.21	3	< 1
136551	< 5	< 2	< 0.3	44	0.4	< 1	4	69	78	0.15	7.86	9.0	< 50	1	< 2	< 0.5	1.84	20	122	2	1.4	3.38	4	< 1

Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
136627	< 5	< 2	< 0.3	45	0.5	1	< 3	68	77	0.17	7.06	7.0	540	1	< 2	< 0.5	1.85	17	109	3	1.4	3.25	3	< 1
136628	< 5	< 2	< 0.3	22	< 0.3	1	< 3	37	45	0.14	4.79	6.0	360	< 1	< 2	< 0.5	3.28	12	71	2	0.8	2.29	2	< 1
136629	< 5	< 2	< 0.3	47	0.4	1	< 3	61	71	0.18	5.61	7.0	420	< 1	< 2	< 0.5	2.69	19	108	2	1.1	3.40	2	< 1
136630	< 5	6	< 0.3	45	0.4	< 1	3	77	82	0.14	7.07	10.0	750	1	< 2	< 0.5	2.21	22	127	4	1.5	3.65	3	< 1
136631	< 5	< 2	< 0.3	42	0.5	< 1	4	77	92	0.17	7.35	9.0	850	2	< 2	< 0.5	2.53	23	132	3	1.9	3.75	3	< 1
136632	< 5	< 2	< 0.3	62	0.5	1	4	73	80	0.32	8.53	10.0	< 50	2	< 2	< 0.5	2.19	22	116	2	1.5	3.54	3	< 1
136633	7	< 2	< 0.3	53	0.4	2	9	57	111	0.69	6.28	8.0	450	1	< 2	< 0.5	5.09	19	105	< 1	1.5	3.07	3	< 1
136634	2760	2650	< 0.3	99	< 0.3	2	25	12	19	0.03	7.02	1830	680	22	< 2	< 0.5	0.03	< 1	157	10	1.8	3.00	5	< 1
136635	< 5	< 2	0.3	163	1.2	< 1	< 3	53	116	0.15	6.05	< 0.5	< 50	< 1	< 2	< 0.5	6.17	46	77	3	1.2	9.79	3	< 1
136636	6	< 2	< 0.3	35	0.7	2	10	66	77	0.13	6.48	8.0	550	1	< 2	< 0.5	4.05	20	124	< 1	1.5	3.30	2	< 1
136637	< 5	9	< 0.3	55	0.4	< 1	8	78	83	0.25	6.98	11.0	950	1	< 2	< 0.5	1.89	22	123	3	1.3	3.71	3	< 1
136638	< 5	< 2	< 0.3	53	0.5	1	< 3	69	80	0.37	6.49	9.0	490	< 1	< 2	< 0.5	2.90	18	109	2	1.3	3.32	3	< 1
136639	< 5	< 2	< 0.3	75	0.7	< 1	< 3	106	154	0.81	6.80	40.0	480	< 1	< 2	< 0.5	5.39	53	120	1	0.8	5.81	3	< 1
136640	7	< 2	< 0.3	52	1.4	< 1	< 3	49	150	0.57	6.00	29.0	< 50	< 1	< 2	< 0.5	6.77	46	72	< 1	1.8	8.04	4	< 1
136641	< 5	< 2	< 0.3	41	0.9	< 1	< 3	18	118	0.28	5.48	21.0	500	< 1	< 2	< 0.5	7.74	34	13	< 1	1.3	6.65	3	< 1
136642	< 5	2	0.3	46	0.9	< 1	< 3	17	99	0.31	5.40	27.0	370	< 1	< 2	< 0.5	5.18	42	< 2	< 1	1.4	6.01	4	< 1
136643	7	< 2	< 0.3	84	0.8	< 1	< 3	21	168	0.72	6.13	24.0	< 50	< 1	< 2	< 0.5	4.27	49	< 2	< 1	1.5	6.73	4	< 1
136644	< 5	< 2	< 0.3	40	1.0	< 1	< 3	20	150	1.00	6.13	21.0	< 50	< 1	< 2	< 0.5	5.33	48	12	< 1	1.3	6.76	4	< 1
136645	5	< 2	0.5	78	1.3	< 1	< 3	23	244	1.88	5.79	9.0	370	< 1	< 2	< 0.5	4.48	45	9	< 1	1.0	7.40	4	< 1

Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
136501	< 5	1.66	1.29	570	1.88	0.068	< 15	< 0.1	11.2	< 3	433	< 0.5	0.33	4.0	< 0.5	99	< 1	14	23.3	43	20	3.6	< 0.01	< 0.5
136502	< 5	1.22	1.51	570	2.12	0.070	< 15	0.3	11.3	< 3	462	< 0.5	0.32	3.8	< 0.5	88	< 1	13	26.2	51	21	3.9	< 0.01	< 0.5
136503	< 5	1.20	1.61	563	2.10	0.073	99	< 0.1	11.5	< 3	430	< 0.5	0.34	3.6	< 0.5	98	< 1	15	29.1	60	25	4.1	< 0.01	< 0.5
136504	< 5	1.24	1.36	449	1.89	0.068	< 15	< 0.1	10.4	< 3	329	< 0.5	0.37	4.3	< 0.5	98	< 1	7	22.3	49	16	3.6	< 0.01	< 0.5
136505	< 5	1.22	1.65	465	2.16	0.075	< 15	< 0.1	10.9	< 3	339	< 0.5	0.39	4.1	2.8	102	< 1	13	23.2	44	21	3.5	< 0.01	< 0.5
136506	< 5	1.47	1.40	619	1.62	0.069	< 15	0.8	11.4	< 3	348	< 0.5	0.26	3.3	< 0.5	69	< 1	13	25.3	54	25	3.8	< 0.01	< 0.5
136507	< 5	2.15	1.45	592	1.41	0.076	91	0.3	14.7	< 3	333	< 0.5	0.27	4.8	< 0.5	93	< 1	16	24.0	56	29	4.0	< 0.01	< 0.5
136508	< 5	2.13	1.40	552	1.40	0.072	< 15	< 0.1	14.5	< 3	311	< 0.5	0.27	4.5	< 0.5	106	< 1	15	25.5	55	24	4.0	< 0.01	< 0.5
136509	< 5	1.93	1.41	571	1.68	0.071	< 15	< 0.1	14.4	< 3	418	< 0.5	0.26	3.7	< 0.5	95	< 1	15	27.0	58	< 5	4.3	< 0.01	1.5
136510	< 5	2.21	1.36	564	1.45	0.069	< 15	< 0.1	15.1	< 3	388	< 0.5	0.24	5.3	< 0.5	102	< 1	16	30.6	63	20	4.5	< 0.01	< 0.5
136511	< 5	2.46	1.29	550	1.29	0.074	< 15	< 0.1	13.5	< 3	434	< 0.5	0.36	3.5	2.3	116	< 1	16	25.2	52	21	4.0	< 0.01	< 0.5
136512	< 5	1.03	2.98	1640	1.57	0.062	< 15	< 0.1	37.8	< 3	235	< 0.5	0.66	1.3	< 0.5	299	< 1	35	12.4	28	15	3.4	< 0.01	< 0.5
136513	< 5	2.48	1.64	677	1.99	0.086	61	< 0.1	19.0	< 3	274	< 0.5	0.52	5.2	< 0.5	165	< 1	18	31.7	66	24	4.9	< 0.01	< 0.5
136514	< 5	1.87	1.40	614	1.91	0.069	< 15	< 0.1	14.4	< 3	325	< 0.5	0.24	4.0	1.7	85	< 1	16	27.3	56	27	4.0	< 0.01	0.6
136515	< 5	1.47	1.13	552	1.93	0.067	53	0.3	13.0	< 3	310	< 0.5	0.39	4.3	< 0.5	114	< 1	10	25.8	52	23	3.9	< 0.01	< 0.5
136516	< 5	1.42	1.28	558	2.10	0.072	66	< 0.1	13.8	< 3	341	< 0.5	0.37	4.3	< 0.5	113	< 1	14	24.8	53	20	3.9	< 0.01	0.8
136517	< 5	1.80	1.23	520	2.20	0.064	< 15	0.5	13.0	< 3	326	< 0.5	0.24	4.8	1.4	90	< 1	13	25.0	52	21	3.8	< 0.01	< 0.5
136518	< 5	1.86	1.27	536	2.06	0.069	< 15	0.2	13.3	< 3	310	< 0.5	0.26	3.6	< 0.5	95	< 1	15	26.3	51	20	3.9	< 0.01	< 0.5
136519	< 5	2.23	1.62	601	2.14	0.079	69	< 0.1	16.8	< 3	297	< 0.5	0.38	5.1	< 0.5	136	< 1	19	28.3	55	32	4.5	< 0.01	< 0.5
136520	< 5	2.31	1.41	568	1.94	0.074	< 15	< 0.1	16.4	< 3	324	< 0.5	0.27	5.2	1.5	108	< 1	17	29.3	64	24	4.5	< 0.01	< 0.5
136521	< 5	2.54	1.40	519	1.58	0.074	56	< 0.1	15.7	< 3	270	< 0.5	0.28	5.4	< 0.5	108	< 1	16	28.6	64	30	4.3	< 0.01	< 0.5
136522	< 5	1.92	1.39	602	2.11	0.075	68	< 0.1	12.2	< 3	348	< 0.5	0.26	4.1	< 0.5	77	< 1	15	28.3	60	19	4.1	< 0.01	< 0.5
136523	< 5	2.58	1.67	720	0.98	0.084	74	0.3	17.9	< 3	183	< 0.5	0.23	4.2	< 0.5	116	< 1	19	22.3	50	22	3.8	< 0.01	< 0.5
136524	< 5	1.58	0.33	73	0.11	0.033	123	88.4	12.8	< 3	90	< 0.5	0.42	13.7	3.9	102	15	21	40.1	77	26	5.9	< 0.01	< 0.5
136525	< 5	0.98	2.89	1620	1.52	0.053	< 15	0.5	35.1	< 3	224	< 0.5	0.34	1.6	< 0.5	258	< 1	33	11.4	27	11	3.1	< 0.01	< 0.5
136526	< 5	1.33	1.36	638	2.07	0.069	< 15	< 0.1	10.7	< 3	538	< 0.5	0.27	3.3	1.9	69	< 1	14	24.1	50	24	3.7	< 0.01	< 0.5
136527	< 5	1.15	1.74	516	2.25	0.069	< 15	< 0.1	10.0	< 3	456	< 0.5	0.27	3.4	1.4	79	< 1	14	22.1	48	26	3.4	< 0.01	< 0.5
136528	< 5	1.16	1.62	533	2.26	0.071	< 15	0.3	10.8	< 3	439	< 0.5	0.31	3.8	< 0.5	92	< 1	13	23.1	49	20	3.6	< 0.01	< 0.5
136529	< 5	1.19	1.56	633	2.01	0.072	< 15	0.4	10.1	< 3	522	< 0.5	0.34	4.2	< 0.5	94	< 1	14	22.7	48	20	3.5	< 0.01	< 0.5
136530	< 5	1.41	1.49	610	2.25	0.077	< 15	0.3	11.5	< 3	560	< 0.5	0.38	4.1	< 0.5	109	< 1	15	22.8	47	21	3.6	< 0.01	< 0.5
136531	< 5	1.50	1.58	577	2.39	0.079	< 15	< 0.1	11.6	< 3	494	2.6	0.42	4.6	< 0.5	116	< 1	15	23.0	48	18	3.7	< 0.01	< 0.5
136532	< 5	1.98	1.68	542	2.98	0.085	79	< 0.1	14.5	< 3	285	< 0.5	0.40	5.1	< 0.5	106	< 1	16	22.4	48	21	3.8	< 0.01	< 0.5
136533	< 5	0.77	0.83	522	1.30	0.041	< 15	< 0.1	6.3	< 3	363	< 0.5	0.21	1.8	< 0.5	53	< 1	8	14.3	32	14	2.1	< 0.01	< 0.5
136534	< 5	1.31	1.54	534	2.55	0.072	< 15	< 0.1	11.7	< 3	420	< 0.5	0.36	4.0	< 0.5	100	< 1	13	26.4	53	19	4.1	< 0.01	< 0.5
136535	< 5	1.25	1.61	504	2.63	0.068	< 15	0.8	11.6	< 3	439	< 0.5	0.22	4.2	2.0	63	< 1	14	27.9	61	25	4.1	< 0.01	< 0.5
136536	< 5	1.10	1.66	484	2.30	0.066	< 15	< 0.1	10.9	< 3	454	< 0.5	0.27	4.5	< 0.5	70	< 1	13	25.6	57	20	4.0	< 0.01	< 0.5
136537	< 5	1.20	1.62	574	2.50	0.070	44	0.2	11.1	< 3	487	< 0.5	0.27	4.4	1.8	77	< 1	14	25.5	51	24	3.6	< 0.01	< 0.5
136538	< 5	1.18	1.31	546	2.73	0.067	< 15	< 0.1	10.8	< 3	405	< 0.5	0.28	3.9	< 0.5	75	< 1	14	27.0	55	22	3.9	< 0.01	< 0.5
136539	< 5	1.84	1.47	545	2.36	0.073	< 15	< 0.1	13.0	< 3	495	< 0.5	0.41	4.1	< 0.5	114	< 1	15	25.1	52	24	3.9	< 0.01	< 0.5
136540	< 5	1.76	1.62	571	2.98	0.080	< 15	< 0.1	12.5	< 3	314	< 0.5	0.44	4.7	< 0.5	119	< 1	16	28.1	57	21	4.3	< 0.01	< 0.5
136541	< 5	0.64	1.18	1160	2.41	0.139	< 15	< 0.1	10.1	< 3	676	< 0.5	0.27	5.2	< 0.5	76	< 1	26	110	215	74	10.4	< 0.01	0.5
136542	< 5	1.70	1.50	625	2.77	0.073	< 15	< 0.1	13.5	< 3	332	2.5	0.29	4.5	< 0.5	92	< 1	15	30.3	61	26	4.5	< 0.01	< 0.5
136543	< 5	1.23	1.15	582	2.99	0.072	< 15	< 0.1	12.8	< 3	411	< 0.5	0.39	4.1	1.2	112	< 1	8	28.3	62	20	4.2	< 0.01	< 0.5
136544	< 5	0.31	2.91	903	3.44	0.113	< 15	< 0.1	16.3	< 3	506	< 0.5	0.44	4.6	< 0.5	144	3	17	41.5	85	41	5.7	< 0.01	< 0.5
136545	< 5	1.32	1.40	692	2.95	0.075	59	0.3	12.9	< 3	531	< 0.5	0.29	4.8	1.5	84	3	15	28.8	58	25	4.4	< 0.01	< 0.5
136546	< 5	2.16	1.31	545	1.91	0.067	68	< 0.1	14.3	< 3	282	< 0.5	0.22	4.7	1.8	89	< 1	16	24.2	55	21	3.9	< 0.01	< 0.5
136547	< 5	1.94	1.51	602	2.55	0.077	63	< 0.1	13.8	< 3	404	< 0.5	0.37	4.6	< 0.5	109	< 1	15	27.1	61	27	4.3	< 0.01	< 0.5
136548	< 5	2.28	1.76	604	2.28	0.084	77	< 0.1	14.3	< 3	263	< 0.5	0.35	4.6	< 0.5	109	< 1	16	22.4	47	16	3.8	< 0.01	< 0.5
136549	< 5	2.53	1.54	515	2.18	0.078	86	< 0.1	15.6	< 3	293	< 0.5	0.27	5.1	< 0.5	100	< 1	16	23.6	52	22	4.0	< 0.01	< 0.5
136550	< 5	1.22	1.72	514	2.87	0.075	46	0.3	11.4	< 3	351	< 0.5	0.30	4.5	< 0.5	94	< 1	13	25.1	54	31	4.0	< 0.01	< 0.5
136551	< 5	1.29	1.97	529	2.91	0.084	67	< 0.1	11.6	< 3	402	< 0.5	0.40	4.6	< 0.5	107	< 1	15	28.4	58	25	4.4	< 0.01	< 0.5
136627	< 5	1.35	1.73	550	2.74	0.083	66	0.4	11.5	< 3	323	< 0.5	0.34	4.4	< 0.5	99	< 1	13	28.5	58	23	4.4	< 0.01	< 0.5

Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
136628	< 5	1.03	0.98	453	1.77	0.043	43	< 0.1	6.6	< 3	213	< 0.5	0.20	2.5	< 0.5	63	< 1	8	19.2	35	23	2.7	< 0.01	< 0.5
136629	< 5	1.08	1.49	572	2.08	0.066	< 15	< 0.1	9.7	< 3	200	< 0.5	0.31	4.0	1.2	85	< 1	13	26.8	56	28	4.0	< 0.01	< 0.5
136630	< 5	1.95	1.74	581	2.37	0.077	79	0.3	12.9	< 3	292	< 0.5	0.25	3.9	< 0.5	91	< 1	15	28.0	58	24	4.4	< 0.01	< 0.5
136631	< 5	1.57	1.70	680	3.02	0.083	47	< 0.1	13.6	< 3	282	< 0.5	0.25	6.5	2.9	91	< 1	17	101	168	60	6.6	< 0.01	< 0.5
136632	< 5	0.91	1.57	627	4.02	0.095	< 15	< 0.1	12.6	< 3	387	< 0.5	0.37	4.8	< 0.5	108	< 1	17	31.1	67	19	4.7	< 0.01	< 0.5
136633	< 5	0.97	1.26	646	2.81	0.098	45	< 0.1	9.9	< 3	386	< 0.5	0.33	4.1	< 0.5	99	< 1	16	42.2	81	35	4.8	< 0.01	< 0.5
136634	< 5	2.07	0.41	85	0.09	0.033	156	150	13.0	< 3	150	< 0.5	0.39	15.1	4.9	113	22	22	45.8	86	42	6.6	< 0.01	0.8
136635	< 5	0.74	2.90	1600	1.49	0.071	< 15	< 0.1	34.9	< 3	202	< 0.5	0.42	2.4	< 0.5	194	< 1	37	12.4	26	16	3.6	< 0.01	0.8
136636	< 5	0.76	1.65	720	2.98	0.111	< 15	< 0.1	11.1	< 3	413	< 0.5	0.35	3.9	< 0.5	105	< 1	15	42.2	81	34	5.0	< 0.01	< 0.5
136637	< 5	2.32	1.43	593	1.81	0.074	108	0.3	14.5	< 3	171	< 0.5	0.23	4.8	< 0.5	85	< 1	15	29.6	64	27	4.5	< 0.01	< 0.5
136638	< 5	1.71	1.44	625	2.24	0.070	107	< 0.1	12.3	< 3	130	< 0.5	0.35	3.6	< 0.5	105	< 1	15	27.5	59	22	4.4	< 0.01	< 0.5
136639	< 5	1.11	2.28	1210	2.21	0.062	39	0.5	32.9	< 3	114	< 0.5	0.47	1.3	< 0.5	136	< 1	24	7.4	20	10	2.7	< 0.01	0.7
136640	< 5	0.22	1.67	1720	1.84	0.158	38	0.3	37.5	< 3	121	< 0.5	0.52	0.9	< 0.5	108	< 1	50	10.8	29	10	4.7	< 0.01	< 0.5
136641	< 5	1.11	1.61	1760	0.67	0.080	37	0.2	29.7	< 3	118	< 0.5	0.21	1.2	< 0.5	157	< 1	39	9.8	27	18	3.5	< 0.01	< 0.5
136642	< 5	1.34	1.57	1730	0.92	0.076	50	< 0.1	31.6	< 3	83	< 0.5	0.30	1.7	< 0.5	182	< 1	38	13.2	28	15	4.0	< 0.01	0.8
136643	< 5	0.66	2.11	1520	1.80	0.084	< 15	0.4	32.1	< 3	76	< 0.5	0.43	1.3	< 0.5	142	< 1	42	10.9	27	14	3.9	< 0.01	1.2
136644	< 5	0.34	1.91	1440	2.34	0.087	< 15	0.3	30.7	< 3	103	< 0.5	0.51	1.5	< 0.5	153	< 1	41	8.5	22	12	3.6	< 0.01	0.6
136645	< 5	0.56	1.58	1300	1.95	0.076	< 15	< 0.1	28.4	< 3	66	< 0.5	0.47	1.2	1.3	154	< 1	37	9.1	22	13	3.1	< 0.01	< 0.5

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
136501	1.0	0.24	29.9
136502	1.6	0.17	27.6
136503	1.0	0.22	29.2
136504	0.9	0.22	29.0
136505	1.3	0.16	29.8
136506	1.2	0.26	29.4
136507	1.5	0.25	25.9
136508	1.5	0.21	26.6
136509	1.4	0.23	25.4
136510	1.4	0.24	27.3
136511	1.5	0.23	28.0
136512	4.3	0.66	30.6
136513	1.8	0.28	27.0
136514	1.3	0.26	28.4
136515	1.2	0.27	29.7
136516	1.5	0.20	27.7
136517	1.3	0.21	28.6
136518	1.6	0.27	28.9
136519	1.7	0.32	26.5
136520	1.7	0.23	26.4
136521	1.6	0.28	26.9
136522	1.2	0.21	28.5
136523	1.9	0.31	27.6
136524	3.1	0.50	20.7
136525	3.5	0.67	33.8
136526	1.3	0.25	27.5
136527	1.0	0.18	28.5
136528	1.2	0.24	27.9
136529	1.0	0.22	27.6
136530	0.9	0.19	26.4
136531	1.2	0.26	28.0
136532	1.6	0.31	25.3
136533	0.7	0.14	26.1
136534	1.2	0.24	26.2
136535	1.2	0.28	27.4
136536	1.3	0.21	27.9
136537	1.2	0.22	29.5
136538	1.2	0.28	28.0
136539	1.4	0.25	27.2
136540	1.2	0.26	26.9
136541	2.0	0.33	30.0
136542	1.9	0.27	27.4
136543	1.2	0.28	30.4
136544	1.8	0.35	28.5
136545	1.4	0.26	25.5
136546	1.3	0.19	28.3
136547	1.4	0.25	27.1
136548	1.4	0.20	30.1
136549	1.7	0.30	26.6
136550	1.1	0.18	26.8
136551	1.3	0.27	25.0
136627	1.2	0.21	26.9

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
136628	0.7	0.11	25.1
136629	1.1	0.18	26.9
136630	1.5	0.25	27.0
136631	1.7	0.27	28.9
136632	1.5	0.28	28.0
136633	1.3	0.27	26.9
136634	3.0	0.52	17.2
136635	4.0	0.77	31.6
136636	1.4	0.22	29.5
136637	1.2	0.29	24.2
136638	1.2	0.24	26.5
136639	2.9	0.53	26.2
136640	5.9	0.96	27.3
136641	4.2	0.78	31.4
136642	4.3	0.66	28.5
136643	4.5	0.83	28.3
136644	4.2	0.76	27.4
136645	4.3	0.69	27.2

Quality Control

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas			30.7		1290	3.3	16	710	44		733		0.26	2.06			1	1380		0.89				
GXR-1 Cert			31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
DNC-1 Meas			< 0.3		105		< 1	< 3	249		57		0.06	9.45			< 1	< 2		7.91				
DNC-1 Cert			0.0270		96.0		0.700	6.30	247		66.0		0.0390	9.69			1.00	0.0200		8.06				
GXR-4 Meas			3.2		6340	0.6	313	40	37		66		1.77	5.89			2	18		1.02				
GXR-4 Cert			4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-2 Meas			18.1		88	4.9	2	718	22		552		0.03	11.0			2	< 2		0.98				
GXR-2 Cert			17.0		76.0	4.10	2.10	690	21.0		530		0.0313	16.5			1.70	0.690		0.930				
SDC-1 Meas			< 0.3		31	0.6	< 1	21	37		100		0.07	7.67			4	< 2		1.16				
SDC-1 Cert			0.0410		30.0	0.0800	0.250	25.0	38.0		103		0.0650	8.34			3.00	2.60		1.00				
SCO-1 Meas			0.3		30	0.6	< 1	28	31		104			7.24			2	< 2		2.15				
SCO-1 Cert			0.134		28.7	0.140	1.37	31.0	27.0		103			7.24			1.84	0.370		1.87				
GXR-6 Meas			0.4		72	0.6	< 1	93	27		127		0.02	11.8			1	< 2		0.18				
GXR-6 Cert			1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
OREAS 13P Meas					2800				2090															
OREAS 13P Cert					2500				2260															
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
DMMAS 107 Meas		569										250			3080						77	168		
DMMAS 107 Cert		557										204			2980						74	166		
DMMAS 107 Meas		550										210			3130						76	164		
DMMAS 107 Cert		557										204			2980						74	166		
OxC58 Meas	204																							
OxC58 Cert	201.000																							
OxC58 Meas	206																							
OxC58 Cert	201.000																							
OxC58 Meas	206																							
OxC58 Cert	201.000																							
136501 Orig	< 5	16	0.3	< 5	40	< 0.3	< 1	6	63	< 20	71	< 50	0.17	7.66	8.0	610	1	< 2	< 0.5	2.94	16	87	< 1	0.9
136501 Split	11	< 2	< 0.3	< 5	38	0.3	< 1	4	63	< 20	69	120	0.15	7.16	10.0	580	1	< 2	< 0.5	2.79	18	101	2	1.2
136503 Orig	< 5		< 0.3		48	0.5	1	5	64		83		0.24	7.14			1	< 2		2.97				
136503 Dup	< 5		< 0.3		48	0.4	< 1	7	64		82		0.24	7.24			1	< 2		2.97				
136517 Orig			< 0.3		52	0.6	< 1	8	66		71		0.14	7.40			1	< 2		2.28				
136517 Dup			0.3		51	0.5	< 1	8	69		70		0.14	7.71			1	< 2		2.31				
136518 Orig	< 5																							
136518 Dup	< 5																							
136528 Orig	< 5																							
136528 Dup	< 5																							
136530 Orig	< 5	< 2	< 0.3	< 5	51	0.5	1	4	65	< 20	93	< 50	0.26	7.87	5.0	500	1	< 2	< 0.5	2.58	18	102	3	1.2
136530 Split	< 5	< 2	0.3	< 5	48	0.5	< 1	6	61	< 20	88	< 50	0.22	4.91	6.0	640	< 1	< 2	< 0.5	2.18	19	109	3	1.3
136538 Orig	< 5		0.3		47	0.4	< 1	6	60		74		0.23	7.32			1	< 2		3.52				
136538 Dup	< 5		< 0.3		48	0.4	1	6	59		66		0.24	7.53			1	< 2		3.52				
136627 Orig			< 0.3		45	0.4	1	< 3	69		76		0.16	6.66			1	< 2		1.85				
136627 Dup			< 0.3		45	0.5	1	6	68		78		0.17	7.46			1	< 2		1.86				
136628 Orig	< 5																							
136628 Dup	< 5																							
136635 Orig	< 5	< 2	0.3	< 5	163	1.2	< 1	< 3	53	< 20	116	150	0.15	6.05	< 0.5	< 50	< 1	< 2	< 0.5	6.17	46	77	3	1.2
136635 Split	< 5	< 2	< 0.3	< 5	190	1.4	< 1	< 3	53	< 20	116	200	0.15	6.55	2.0	370	< 1	< 2	< 0.5	6.11	45	71	2	1.3
136635 Split	< 5		< 0.3		190	1.4	< 1	< 3	53		116		0.15	6.55			< 1	< 2		6.11				
136638 Orig	< 5																							
136638 Dup	< 5																							
136645 Orig	5	< 2	0.5	< 5	78	1.3	< 1	< 3	23	< 20	244	310	1.88	5.79	9.0	370	< 1	< 2	< 0.5	4.48	45	9	< 1	1.0
136645 Split	6	< 2	0.4	< 5	92	1.8	< 1	< 3	24	< 20	255	280	2.07	6.49	9.0	< 50	< 1	< 2	< 0.5	4.82	45	12	< 1	1.2

Quality Control																								
Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
Method Blank Method Blank			< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				

Quality Control

Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
GXR-1 Meas					0.04	0.20	891		0.062					295					89		31			
GXR-1 Cert					0.0500	0.217	852		0.0650					275					80.0		32.0			
DNC-1 Meas					0.19	5.75	1060		0.028					136		0.30			143		17			
DNC-1 Cert					0.190	6.06	1150		0.0370					145		0.287			148		18.0			
GXR-4 Meas					1.95	1.60	143		0.133					204					87		15			
GXR-4 Cert					4.01	1.66	155		0.120					221					87.0		14.0			
GXR-2 Meas					1.38	0.83	1010		0.068					157					58		17			
GXR-2 Cert					1.37	0.850	1010		0.105					160					52.0		17.0			
SDC-1 Meas					2.70	1.02	878		0.058					179		0.12			36		37			
SDC-1 Cert					2.72	1.02	883		0.0690					183		0.606			102		40.0			
SCO-1 Meas					2.38	1.70	401		0.091					174		0.34			136		24			
SCO-1 Cert					2.30	1.64	410		0.0900					174		0.380			131		26.0			
GXR-6 Meas					1.79	0.61	1080		0.036					39					125		14			
GXR-6 Cert					1.87	0.609	1010		0.0350					35.0					186		14.0			
OREAS 13P Meas																								
OREAS 13P Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
DMMAS 107 Meas	6.97							0.75			2.9	14.9						31.0		14		15.0	25	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
DMMAS 107 Meas	6.96							0.75			2.8	14.9						28.5		15		15.5	21	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
136501 Orig	2.74	2	< 1	< 5	1.66	1.29	570	1.88	0.068	< 15	< 0.1	11.2	< 3	433	< 0.5	0.33	4.0	< 0.5	99	< 1	14	23.3	43	20
136501 Split	2.93	4	< 1	< 5	1.68	1.29	564	2.23	0.069	60	0.2	12.4	< 3	431	< 0.5	0.28	4.3	1.5	94	< 1	14	25.8	51	21
136503 Orig					1.21	1.61	570		0.074					428		0.37			103		15			
136503 Dup					1.20	1.61	556		0.072					432		0.31			93		15			
136517 Orig					1.79	1.23	516		0.064					320		0.23			89		13			
136517 Dup					1.80	1.24	525		0.065					331		0.26			91		14			
136518 Orig																								
136518 Dup																								
136528 Orig																								
136528 Dup																								
136530 Orig	3.14	3	< 1	< 5	1.41	1.49	610	2.25	0.077	< 15	0.3	11.5	< 3	560	< 0.5	0.38	4.1	< 0.5	109	< 1	15	22.8	47	21
136530 Split	3.43	4	< 1	< 5	1.27	1.30	579	2.43	0.069	< 15	0.4	12.2	< 3	448	< 0.5	0.39	4.1	1.4	108	< 1	8	25.5	53	21
136538 Orig					1.17	1.30	542		0.066					402		0.27			71		14			
136538 Dup					1.19	1.32	550		0.067					407		0.28			78		13			
136627 Orig					1.34	1.72	558		0.083					306		0.39			110		12			
136627 Dup					1.36	1.74	541		0.083					340		0.28			87		14			
136628 Orig																								
136628 Dup																								
136635 Orig	9.79	3	< 1	< 5	0.74	2.90	1600	1.49	0.071	< 15	< 0.1	34.9	< 3	202	< 0.5	0.42	2.4	< 0.5	194	< 1	37	12.4	26	16
136635 Split	9.70	3	< 1	< 5	0.73	2.83	1560	1.57	0.065	< 15	< 0.1	34.7	< 3	199	1.4	0.25	2.0	< 0.5	184	< 1	36	12.3	31	12
136635 Split					0.73	2.83	1560		0.065					199		0.25			184		36			
136638 Orig																								
136638 Dup																								
136645 Orig	7.40	4	< 1	< 5	0.56	1.58	1300	1.95	0.076	< 15	< 0.1	28.4	< 3	66	< 0.5	0.47	1.2	1.3	154	< 1	37	9.1	22	13
136645 Split	7.53	4	< 1	< 5	0.60	1.73	1320	2.00	0.081	47	< 0.1	29.0	< 3	71	< 0.5	0.63	1.4	< 0.5	220	< 1	40	9.3	25	9

Quality Control																							
Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
Method Blank Method Blank					< 0.01	< 0.01	5		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	10		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	3		< 0.001					< 1		< 0.01			< 2		< 1			

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas						
GXR-1 Cert						
DNC-1 Meas						
DNC-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-2 Meas						
GXR-2 Cert						
SDC-1 Meas						
SDC-1 Cert						
SCO-1 Meas						
SCO-1 Cert						
GXR-6 Meas						
GXR-6 Cert						
OREAS 13P Meas						
OREAS 13P Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
DMMAS 107 Meas	2.5			2.9	0.53	
DMMAS 107 Cert	3.90			2.70	0.54	
DMMAS 107 Meas	2.7			2.7	0.52	
DMMAS 107 Cert	3.90			2.70	0.54	
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
136501 Orig	3.6	< 0.01	< 0.5	1.0	0.24	29.9
136501 Split	3.9	< 0.01	< 0.5	1.4	0.27	24.7
136503 Orig						
136503 Dup						
136517 Orig						
136517 Dup						
136518 Orig						
136518 Dup						
136528 Orig						
136528 Dup						
136530 Orig	3.6	< 0.01	< 0.5	0.9	0.19	26.4
136530 Split	3.9	< 0.01	< 0.5	1.2	0.25	25.5
136538 Orig						
136538 Dup						
136627 Orig						
136627 Dup						
136628 Orig						
136628 Dup						
136635 Orig	3.6	< 0.01	0.8	4.0	0.77	31.8
136635 Split	3.6	< 0.01	< 0.5	4.0	0.75	28.7
136635 Split						
136638 Orig						
136638 Dup						
136645 Orig	3.1	< 0.01	< 0.5	4.3	0.69	27.2
136645 Split	3.3	< 0.01	< 0.5	4.2	0.69	26.9

Quality Control						
Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 24-Sep-08
Invoice No.: A08-6528 (i)
Invoice Date: 07-Nov-08
Your Reference:

Lake Shore Gold Corp.
1988 Kingsway Unit G
Sudbury ON P3B 4J8
Canada

ATTN: Joan-invoice/results Arkilander

CERTIFICATE OF ANALYSIS

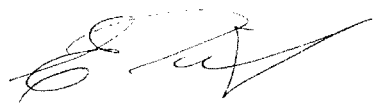
67 Core samples were submitted for analysis.

The following analytical packages were requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)
Code 1A2 Au - Fire Assay AA

REPORT **A08-6528 (i)**

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :



Elitsa Hrischeva, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1 905 648 9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint com ACTLABS GROUP WEBSITE http //www actlabsint com

Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
135529	< 5	< 2	0.4	66	1.2	< 1	3	48	174	0.47	6.10	10.9	< 50	1	< 2	< 0.5	5.30	46	86	< 1	1.6	9.10	6	< 1
135530	< 5	7	< 0.3	36	1.0	< 1	< 3	40	132	0.09	5.01	28.6	< 50	1	< 2	< 0.5	8.81	29	55	< 1	1.2	6.21	4	< 1
135531	< 5	< 2	0.4	53	1.3	< 1	5	50	165	0.29	6.27	17.5	< 50	1	< 2	< 0.5	6.08	37	70	< 1	1.6	8.52	5	< 1
135532	< 5	< 2	< 0.3	47	1.9	< 1	6	46	145	0.28	6.18	8.4	< 50	1	< 2	< 0.5	6.43	36	68	< 1	1.5	8.65	5	< 1
135533	< 5	< 2	< 0.3	50	1.4	< 1	6	51	147	0.17	6.13	9.9	< 50	1	< 2	< 0.5	6.23	40	83	< 1	1.4	9.36	5	< 1
135534	< 5	< 2	< 0.3	56	1.4	< 1	7	46	158	0.32	6.38	11.9	< 50	1	< 2	< 0.5	6.83	38	75	< 1	1.8	9.62	5	< 1
135535	< 5	< 2	< 0.3	60	1.1	< 1	4	51	180	0.43	6.50	19.9	< 50	1	< 2	< 0.5	5.88	45	83	< 1	1.8	7.61	6	< 1
135536	< 5	< 2	< 0.3	59	1.4	< 1	4	50	191	0.54	6.43	16.8	< 50	1	< 2	< 0.5	5.58	40	68	< 1	1.8	8.90	5	< 1
135537	6	< 2	0.7	54	1.1	< 1	< 3	47	191	0.47	4.02	18.9	< 50	1	< 2	< 0.5	5.13	40	89	< 1	1.6	9.03	5	< 1
135538	< 5	< 2	0.5	62	1.3	< 1	< 3	44	141	0.55	5.53	14.5	< 50	1	< 2	< 0.5	6.91	40	72	< 1	1.3	9.30	5	< 1
135539	6	< 2	< 0.3	83	0.9	< 1	< 3	94	228	0.77	6.91	31.6	310	1	< 2	< 0.5	5.68	51	99	< 1	0.8	6.50	3	< 1
135540	6	< 2	< 0.3	73	1.2	< 1	< 3	94	140	1.53	6.54	28.9	340	1	< 2	< 0.5	6.63	50	105	2	1.3	7.20	3	< 1
135541	< 5	< 2	< 0.3	50	1.1	< 1	< 3	44	105	0.32	6.05	22.4	580	1	< 2	< 0.5	12.7	39	65	< 1	1.9	7.08	5	< 1
135542	< 5	< 2	0.4	51	1.1	< 1	< 3	46	122	0.39	6.40	21.5	230	1	< 2	< 0.5	7.97	38	77	< 1	1.7	7.32	5	< 1
135543	< 5	5	0.4	54	1.1	< 1	< 3	44	117	0.34	6.25	34.0	< 50	1	< 2	< 0.5	7.50	37	72	< 1	1.9	6.24	5	< 1
135544	< 5	< 2	< 0.3	54	1.3	< 1	3	40	120	0.43	6.08	27.8	350	1	< 2	< 0.5	8.10	40	70	< 1	1.7	8.16	5	< 1
135545	< 5	< 2	< 0.3	54	1.2	< 1	< 3	45	128	0.48	5.78	35.9	< 50	1	< 2	< 0.5	8.13	42	66	< 1	1.6	7.50	5	< 1
135546	< 5	< 2	0.5	59	2.1	1	< 3	46	192	0.75	3.88	23.3	< 50	< 1	< 2	< 0.5	6.12	38	70	< 1	1.6	7.98	5	< 1
135547	< 5	< 2	0.5	90	1.0	< 1	3	67	134	0.77	6.24	48.3	< 50	1	< 2	< 0.5	7.48	42	100	< 1	1.4	7.20	5	< 1
135548	13	< 2	< 0.3	47	0.5	< 1	< 3	20	41	0.76	1.79	7.5	< 50	< 1	< 2	2.8	5.30	17	32	< 1	0.7	2.65	1	< 1
135549	< 5	< 2	< 0.3	188	1.4	< 1	7	50	121	0.14	6.73	< 0.5	500	1	< 2	2.5	6.38	40	83	< 1	1.3	10.0	4	< 1
135550	5	< 2	0.4	99	1.2	< 1	6	69	143	0.94	7.13	36.0	< 50	1	< 2	< 0.5	5.70	42	92	< 1	1.6	7.44	4	< 1
135551	< 5	< 2	0.5	70	0.6	1	6	84	113	0.18	8.60	42.1	660	2	< 2	1.3	0.80	26	123	3	1.3	4.80	4	< 1
135552	7	11	0.4	71	0.7	2	5	63	145	0.61	8.65	31.4	720	2	< 2	< 0.5	0.50	23	70	4	1.1	3.73	4	< 1
135553	< 5	9	0.4	68	0.9	1	5	89	101	0.16	9.24	37.4	420	2	< 2	< 0.5	0.86	25	125	2	1.7	4.74	3	< 1
135554	< 5	< 2	< 0.3	62	0.6	1	4	88	59	0.19	8.90	13.6	600	1	< 2	< 0.5	1.86	21	140	3	1.3	3.81	4	< 1
135555	< 5	< 2	< 0.3	56	0.6	< 1	4	79	53	0.23	7.86	13.6	510	1	< 2	2.1	2.99	20	124	2	1.0	3.95	3	< 1
135556	< 5	< 2	0.4	61	0.6	1	< 3	92	54	0.17	5.42	16.9	720	1	< 2	< 0.5	0.70	23	147	2	1.1	4.22	4	< 1
135557	< 5	< 2	0.6	63	0.6	1	< 3	88	54	0.31	8.67	15.0	660	1	< 2	< 0.5	1.73	25	134	2	1.1	4.24	4	< 1
135558	< 5	< 2	0.4	63	0.6	1	3	91	57	0.29	9.04	11.9	490	1	< 2	< 0.5	1.77	21	131	3	1.1	4.04	4	< 1
135559	< 5	< 2	< 0.3	47	0.6	3	7	73	85	0.18	9.11	18.1	720	1	< 2	< 0.5	1.34	20	95	3	1.3	3.19	4	< 1
135560	< 5	< 2	0.4	35	0.4	1	5	57	66	0.29	8.71	8.5	720	2	< 2	< 0.5	2.97	14	100	4	0.9	2.89	4	< 1
135561	< 5	< 2	< 0.3	25	0.4	< 1	5	42	58	0.16	6.72	5.2	330	1	< 2	< 0.5	3.30	10	68	< 1	0.7	2.35	2	< 1
135562	< 5	< 2	< 0.3	53	0.5	1	6	75	88	0.32	8.72	11.9	590	1	< 2	< 0.5	1.93	18	122	3	1.2	3.50	4	< 1
135563	< 5	< 2	< 0.3	184	1.4	< 1	5	53	115	0.14	6.82	5.0	360	1	< 2	< 0.5	6.39	45	82	2	1.1	10.2	3	< 1
135564	< 5	< 2	< 0.3	57	0.5	1	8	49	101	0.13	8.57	14.3	480	1	< 2	< 0.5	0.99	14	69	2	0.7	2.36	4	< 1
135565	7	< 2	0.6	70	0.5	3	14	42	97	0.50	8.50	16.3	330	1	< 2	< 0.5	1.69	19	58	3	0.7	2.30	3	< 1
135566	< 5	< 2	< 0.3	76	0.5	4	7	39	100	0.14	15.8	20.1	490	1	< 2	< 0.5	1.06	14	58	4	0.7	2.01	4	< 1
135567	< 5	< 2	0.4	64	0.7	3	6	35	103	0.22	8.93	13.2	430	1	< 2	< 0.5	0.74	12	37	4	0.9	2.06	4	< 1
135568	< 5	7	0.4	63	0.3	3	5	41	101	0.18	8.62	16.6	370	1	< 2	< 0.5	1.17	13	43	< 1	0.8	2.03	3	< 1
135569	< 5	< 2	0.4	75	0.4	3	9	57	113	0.16	8.92	22.0	330	1	< 2	< 0.5	0.69	16	63	4	0.7	2.08	3	< 1
135570	< 5	< 2	0.4	53	0.4	2	7	34	96	0.29	8.23	10.0	420	1	< 2	< 0.5	1.18	11	32	3	0.6	2.18	3	< 1
135571	< 5	< 2	< 0.3	62	0.3	3	3	38	65	0.20	8.55	17.7	350	1	< 2	< 0.5	0.46	14	51	4	0.7	2.18	3	< 1
135572	< 5	< 2	0.4	53	0.8	1	8	32	213	0.09	7.66	13.1	290	1	< 2	< 0.5	1.49	11	48	3	0.9	1.92	2	< 1
135573	5	< 2	0.4	76	0.5	3	7	46	90	0.44	9.28	16.7	380	2	< 2	< 0.5	0.64	21	56	6	0.9	2.54	4	< 1
135574	< 5	6	< 0.3	53	0.5	3	< 3	32	95	0.15	7.50	15.6	280	1	< 2	< 0.5	0.43	15	48	3	0.7	2.14	3	< 1
135575	< 5	< 2	0.5	42	0.5	3	7	18	119	0.04	8.38	12.7	470	1	< 2	< 0.5	0.94	8	29	4	0.4	1.76	3	< 1
135576	< 5	< 2	< 0.3	40	0.4	2	6	14	112	0.07	8.22	9.0	390	1	< 2	< 0.5	1.23	7	18	5	0.5	1.57	3	< 1
135577	< 5	< 2	< 0.3	36	0.4	3	5	13	95	0.15	8.01	7.2	520	1	< 2	< 0.5	1.30	6	17	2	0.5	1.93	3	< 1
135578	< 5	< 2	0.4	31	0.4	1	3	10	75	0.10	7.96	6.1	370	1	< 2	< 0.5	2.02	4	17	3	0.5	1.35	3	< 1
135579	< 5	< 2	< 0.3	30	0.3	2	5	11	72	0.08	8.00	8.6	< 50	1	< 2	< 0.5	1.57	5	13	2	0.5	1.47	3	< 1

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Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
135580	< 5	< 2	< 0.3	32	< 0.3	1	7	10	89	0.14	8.26	7.0	< 50	1	< 2	< 0.5	2.00	5	14	1	0.5	1.27	3	< 1
135581	< 5	< 2	< 0.3	36	0.5	3	3	11	94	0.07	8.20	6.7	400	1	< 2	< 0.5	1.34	5	19	2	0.4	1.61	3	< 1
135582	< 5	4	< 0.3	24	0.3	1	5	8	81	0.14	8.10	5.1	420	1	< 2	< 0.5	1.58	5	13	3	0.5	1.19	2	< 1
135583	< 5	< 2	< 0.3	22	0.3	1	< 3	8	38	0.07	9.32	5.2	600	1	< 2	< 0.5	0.87	4	9	3	0.5	1.35	3	< 1
135584	< 5	< 2	< 0.3	13	0.3	1	< 3	8	30	0.05	9.40	8.4	550	1	< 2	< 0.5	1.06	4	12	2	0.5	1.49	2	< 1
135585	< 5	< 2	< 0.3	15	0.4	1	< 3	5	27	0.06	9.05	6.5	410	1	< 2	< 0.5	1.00	4	17	< 1	0.4	1.37	2	< 1
135586	< 5	< 2	< 0.3	39	< 0.3	2	< 3	9	55	0.11	7.76	7.1	400	1	< 2	< 0.5	0.78	4	13	2	0.4	1.09	2	< 1
135587	< 5	< 2	< 0.3	41	0.3	3	< 3	11	79	0.12	7.75	5.3	300	1	< 2	< 0.5	1.13	4	22	1	0.5	0.86	2	< 1
135588	< 5	< 2	0.4	38	0.4	3	< 3	11	67	0.09	8.17	7.6	560	1	< 2	< 0.5	0.98	5	18	< 1	0.4	1.38	2	< 1
135589	< 5	< 2	< 0.3	25	0.3	1	< 3	8	45	0.10	8.26	7.1	400	1	< 2	< 0.5	1.00	4	18	2	< 0.2	1.33	2	< 1
135590	891	848	2.2	7530	0.8	3	15	32	71	0.85	7.77	11.7	570	2	< 2	< 0.5	1.70	14	41	2	0.7	4.71	2	< 1
135591	< 5	< 2	< 0.3	23	0.3	1	< 3	7	35	0.09	8.69	6.3	520	1	< 2	< 0.5	0.94	4	12	2	< 0.2	1.34	2	< 1
135592	< 5	< 2	0.4	54	0.3	3	< 3	14	50	0.09	7.95	8.8	450	1	< 2	< 0.5	1.01	7	19	2	0.5	1.52	3	< 1
135593	< 5	< 2	< 0.3	19	< 0.3	1	< 3	15	35	0.14	7.94	7.3	370	1	< 2	< 0.5	1.81	8	22	2	0.6	1.40	2	< 1
135594	< 5	< 2	0.4	44	0.5	1	6	28	105	0.16	7.98	11.2	410	1	< 2	< 0.5	1.41	10	41	3	0.5	1.90	3	< 1

Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
135529	< 5	0.01	2.13	2130	1.63	0.171	< 15	0.6	37.2	< 3	87	< 0.5	0.41	1.3	< 0.5	130	< 1	81	12.9	32	19	4.3	< 0.01	1.2
135530	< 5	0.01	1.67	1970	1.33	0.133	< 15	< 0.1	27.8	< 3	126	< 0.5	0.14	< 0.2	< 0.5	70	3	68	7.4	16	8	2.9	< 0.01	< 0.5
135531	< 5	0.01	2.12	2080	1.47	0.181	< 15	0.7	35.4	< 3	84	< 0.5	0.26	1.3	< 0.5	110	< 1	87	11.1	23	10	4.0	< 0.01	< 0.5
135532	< 5	0.02	2.28	2290	1.05	0.171	< 15	0.8	31.8	< 3	83	< 0.5	0.38	1.8	1.5	132	< 1	81	11.8	23	10	3.8	< 0.01	< 0.5
135533	< 5	0.02	2.79	2070	0.75	0.171	< 15	1.2	35.2	< 3	98	< 0.5	0.29	1.4	< 0.5	111	< 1	81	10.5	25	14	3.9	< 0.01	1.2
135534	< 5	0.06	2.56	2060	0.92	0.176	< 15	0.8	36.0	< 3	118	< 0.5	0.39	1.0	< 0.5	144	3	83	12.0	29	15	4.3	< 0.01	1.3
135535	< 5	0.17	2.23	2000	1.51	0.170	< 15	< 0.1	36.3	< 3	122	< 0.5	0.43	1.4	< 0.5	95	< 1	84	12.0	25	17	4.4	< 0.01	0.7
135536	< 5	0.16	1.95	2120	1.27	0.190	< 15	< 0.1	35.5	< 3	97	< 0.5	0.50	1.1	< 0.5	92	< 1	88	11.5	27	14	4.2	< 0.01	1.4
135537	< 5	0.03	1.70	2100	1.50	0.192	< 15	< 0.1	34.9	< 3	86	< 0.5	1.25	1.4	< 0.5	248	< 1	50	13.3	28	18	4.4	< 0.01	0.9
135538	< 5	0.04	1.96	2280	1.31	0.172	< 15	< 0.1	34.5	< 3	117	< 0.5	0.53	1.8	< 0.5	158	< 1	61	10.8	25	18	3.8	< 0.01	< 0.5
135539	< 5	0.54	1.85	1570	2.37	0.113	< 15	0.5	33.9	< 3	128	< 0.5	0.46	0.8	2.0	101	< 1	39	7.9	17	10	2.5	< 0.01	0.6
135540	< 5	1.15	1.70	1360	1.27	0.118	58	< 0.1	33.1	< 3	100	< 0.5	0.42	0.8	< 0.5	84	< 1	48	8.7	17	< 5	2.9	< 0.01	< 0.5
135541	< 5	1.45	1.00	2640	0.41	0.179	55	0.2	33.4	< 3	180	< 0.5	0.24	1.0	< 0.5	107	< 1	64	12.7	27	11	4.3	< 0.01	1.1
135542	< 5	0.42	2.11	1980	1.43	0.176	< 15	0.4	37.0	< 3	125	< 0.5	0.46	< 0.2	0.5	138	< 1	57	11.9	27	14	4.3	< 0.01	< 0.5
135543	< 5	0.17	2.17	1640	1.77	0.169	< 15	0.2	34.5	< 3	132	1.8	0.43	1.4	< 0.5	142	< 1	50	12.1	28	10	4.3	< 0.01	< 0.5
135544	< 5	0.39	1.89	1940	1.34	0.188	44	< 0.1	35.6	< 3	171	2.0	0.42	1.3	< 0.5	107	< 1	51	11.3	27	14	4.1	< 0.01	< 0.5
135545	< 5	0.22	1.66	1710	1.57	0.165	< 15	0.3	34.3	< 3	120	< 0.5	0.51	1.3	< 0.5	105	< 1	56	11.8	27	13	4.0	< 0.01	1.3
135546	< 5	0.14	1.48	1640	1.60	0.182	< 15	< 0.1	32.7	< 3	130	< 0.5	1.18	1.4	< 0.5	234	< 1	43	12.2	31	10	4.0	< 0.01	1.1
135547	< 5	0.27	1.80	1330	2.23	0.125	< 15	< 0.1	32.8	< 3	144	< 0.5	0.64	1.9	< 0.5	151	428	55	13.0	25	10	3.5	< 0.01	0.8
135548	< 5	0.02	0.46	803	0.61	0.087	< 15	< 0.1	11.2	< 3	72	< 0.5	0.36	< 0.2	< 0.5	68	< 1	29	5.2	11	< 5	1.8	< 0.01	< 0.5
135549	< 5	0.79	2.78	1640	1.70	0.073	< 15	< 0.1	36.2	< 3	231	< 0.5	0.18	1.8	< 0.5	148	< 1	62	13.1	26	10	3.1	< 0.01	< 0.5
135550	< 5	0.36	1.90	1140	2.54	0.153	77	< 0.1	31.3	< 3	136	< 0.5	0.47	1.9	< 0.5	76	< 1	69	16.2	34	14	3.8	< 0.01	< 0.5
135551	< 5	1.91	1.79	534	2.15	0.102	88	0.4	20.5	< 3	87	< 0.5	0.51	4.1	< 0.5	159	< 1	38	25.7	45	17	4.0	< 0.01	0.8
135552	< 5	2.20	1.33	386	2.12	0.047	89	0.6	15.4	< 3	85	< 0.5	0.42	3.5	1.7	124	< 1	28	21.4	40	20	3.0	< 0.01	< 0.5
135553	< 5	1.92	1.97	643	2.56	0.088	< 15	0.4	17.9	< 3	94	< 0.5	0.38	4.9	1.7	146	< 1	29	25.6	47	17	3.8	< 0.01	< 0.5
135554	< 5	2.13	1.49	554	1.61	0.085	100	< 0.1	18.0	< 3	160	< 0.5	0.32	5.3	< 0.5	130	< 1	26	36.4	64	21	4.5	< 0.01	< 0.5
135555	< 5	2.11	1.49	651	1.21	0.069	73	0.2	17.8	< 3	160	< 0.5	0.28	4.3	1.2	119	< 1	25	27.3	49	17	3.4	< 0.01	< 0.5
135556	< 5	1.62	1.47	432	1.59	0.086	93	< 0.1	20.7	< 3	106	< 0.5	0.48	5.4	2.3	175	< 1	16	34.0	57	18	4.3	< 0.01	< 0.5
135557	< 5	1.52	1.57	562	1.39	0.084	70	< 0.1	19.6	4	172	< 0.5	0.46	5.2	2.1	166	< 1	25	31.1	59	17	4.0	< 0.01	0.5
135558	< 5	1.75	1.51	520	1.69	0.083	86	< 0.1	17.8	< 3	164	< 0.5	0.44	4.4	< 0.5	156	< 1	28	33.5	58	18	4.4	< 0.01	< 0.5
135559	< 5	2.29	1.41	474	2.17	0.071	92	< 0.1	15.3	< 3	251	< 0.5	0.38	6.5	< 0.5	120	< 1	26	33.2	55	19	3.8	< 0.01	< 0.5
135560	< 5	2.32	1.19	578	1.82	0.077	48	< 0.1	10.6	< 3	340	< 0.5	0.29	4.3	1.5	104	< 1	18	27.2	46	14	3.1	< 0.01	< 0.5
135561	< 5	1.30	0.94	520	1.84	0.058	41	< 0.1	7.9	< 3	305	< 0.5	0.20	2.8	< 0.5	82	< 1	13	17.0	32	12	2.1	< 0.01	< 0.5
135562	< 5	1.91	1.52	580	1.93	0.092	80	< 0.1	13.4	< 3	257	< 0.5	0.39	5.1	1.4	121	4	25	38.7	66	21	4.1	< 0.01	< 0.5
135563	< 5	0.87	2.95	1640	1.72	0.076	35	0.4	37.5	< 3	245	< 0.5	0.40	1.9	1.2	198	< 1	61	12.5	25	< 5	3.0	< 0.01	< 0.5
135564	< 5	1.87	1.05	305	1.88	0.042	86	0.3	12.8	< 3	228	< 0.5	0.22	3.7	< 0.5	71	< 1	26	20.3	35	16	2.7	< 0.01	< 0.5
135565	< 5	1.91	1.03	308	1.94	0.035	71	3.4	12.8	< 3	217	< 0.5	0.38	3.3	2.4	102	< 1	29	20.1	33	11	2.5	< 0.01	< 0.5
135566	< 5	2.21	1.30	255	2.47	0.046	64	< 0.1	12.5	< 3	339	1.7	0.39	2.9	1.5	92	< 1	48	17.3	29	13	2.2	< 0.01	< 0.5
135567	< 5	1.62	0.93	218	2.42	0.032	71	0.6	9.3	< 3	200	< 0.5	0.31	2.8	< 0.5	74	2	24	22.0	37	15	2.7	< 0.01	< 0.5
135568	< 5	1.73	0.92	235	2.20	0.034	74	0.2	10.0	< 3	195	1.7	0.32	3.0	1.4	82	< 1	26	21.5	35	11	2.7	< 0.01	< 0.5
135569	< 5	1.83	1.03	230	2.16	0.042	100	0.4	11.3	< 3	185	< 0.5	0.36	2.9	1.1	103	< 1	23	17.3	30	12	2.2	< 0.01	< 0.5
135570	< 5	1.98	1.05	229	2.09	0.030	79	0.7	7.8	< 3	174	< 0.5	0.27	2.2	1.7	80	< 1	22	17.4	27	11	2.0	< 0.01	< 0.5
135571	< 5	1.88	1.07	210	2.54	0.035	102	0.7	11.0	< 3	178	< 0.5	0.32	2.8	< 0.5	84	< 1	23	12.2	24	9	1.9	< 0.01	< 0.5
135572	< 5	1.76	1.04	228	1.89	0.027	84	0.3	9.1	< 3	143	< 0.5	0.14	2.3	< 0.5	53	< 1	27	24.9	41	13	2.8	< 0.01	< 0.5
135573	< 5	2.01	1.27	228	2.70	0.039	118	1.8	11.3	< 3	191	< 0.5	0.34	2.7	< 0.5	84	< 1	36	25.2	42	16	3.1	< 0.01	< 0.5
135574	< 5	1.52	0.98	187	2.53	0.034	< 15	0.7	10.4	< 3	166	< 0.5	0.31	2.6	< 0.5	78	< 1	20	16.6	31	12	2.1	< 0.01	< 0.5
135575	< 5	1.75	0.97	177	2.24	0.031	83	0.5	6.8	< 3	226	< 0.5	0.22	2.2	1.6	48	< 1	15	12.7	21	10	1.5	< 0.01	< 0.5
135576	< 5	1.62	0.97	222	2.40	0.031	68	0.4	5.0	< 3	222	< 0.5	0.19	2.1	< 0.5	35	< 1	14	11.5	19	10	1.5	< 0.01	< 0.5
135577	< 5	1.56	1.08	255	2.47	0.030	54	0.5	4.6	< 3	205	< 0.5	0.18	1.7	< 0.5	31	< 1	13	12.1	21	9	1.5	< 0.01	< 0.5
135578	< 5	1.12	0.75	261	3.42	0.026	< 15	0.4	3.9	< 3	251	< 0.5	0.16	1.3	< 0.5	28	< 1	12	9.8	18	< 5	1.2	< 0.01	< 0.5
135579	< 5	1.22	0.91	287	2.85	0.028	< 15	< 0.1	3.9	< 3	250	< 0.5	0.17	1.5	< 0.5	29	3	12	10.7	18	< 5	1.3	< 0.01	< 0.5
135580	< 5	0.96	0.68	255	3.44	0.023	< 15	0.3	3.0	< 3	315	< 0.5	0.14	1.4	1.3	24	< 1	8	8.2	12	< 5	0.9	< 0.01	< 0.5

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Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
135581	< 5	1.43	1.06	241	2.61	0.026	< 15	< 0.1	4.0	< 3	273	< 0.5	0.16	2.1	< 0.5	27	< 1	10	9.9	19	7	1.1	< 0.01	< 0.5
135582	< 5	1.08	0.74	189	3.60	0.024	64	< 0.1	3.0	< 3	256	< 0.5	0.13	1.7	< 0.5	24	< 1	10	9.2	14	< 5	1.1	< 0.01	< 0.5
135583	< 5	1.54	1.00	169	3.52	0.025	88	0.3	3.2	< 3	312	< 0.5	0.14	1.8	< 0.5	22	< 1	8	8.9	15	11	1.0	< 0.01	< 0.5
135584	< 5	1.54	1.13	189	3.52	0.024	< 15	0.4	3.1	< 3	299	< 0.5	0.15	1.5	< 0.5	22	< 1	9	9.1	14	5	1.0	< 0.01	< 0.5
135585	< 5	1.03	0.90	160	3.56	0.022	< 15	< 0.1	2.8	< 3	263	< 0.5	0.13	1.6	< 0.5	19	< 1	9	8.8	15	< 5	1.0	< 0.01	< 0.5
135586	< 5	0.75	0.61	157	4.20	0.023	< 15	< 0.1	2.9	< 3	210	< 0.5	0.13	1.2	< 0.5	23	< 1	8	12.3	20	< 5	1.3	< 0.01	< 0.5
135587	< 5	0.62	0.44	161	4.17	0.024	< 15	< 0.1	2.8	< 3	191	< 0.5	0.14	1.5	< 0.5	23	< 1	9	14.9	24	< 5	1.4	< 0.01	< 0.5
135588	< 5	1.28	0.87	215	3.47	0.027	< 15	< 0.1	3.7	< 3	170	< 0.5	0.16	1.6	< 0.5	26	< 1	10	7.2	15	< 5	1.0	< 0.01	< 0.5
135589	< 5	1.18	0.78	162	3.73	0.022	< 15	< 0.1	2.8	< 3	230	< 0.5	0.13	1.4	2.0	20	< 1	8	8.2	12	< 5	0.8	< 0.01	< 0.5
135590	< 5	3.81	1.25	399	2.58	0.099	43	1.7	10.1	< 3	443	< 0.5	0.28	4.1	1.9	127	< 1	24	15.0	23	7	1.8	< 0.01	< 0.5
135591	< 5	1.43	0.89	173	3.58	0.023	< 15	< 0.1	2.8	< 3	216	2.5	0.13	1.5	1.0	20	< 1	8	7.8	13	6	0.9	< 0.01	< 0.5
135592	< 5	1.25	0.86	180	3.48	0.030	< 15	0.3	4.8	< 3	165	< 0.5	0.18	2.6	< 0.5	33	< 1	12	14.0	23	5	1.6	< 0.01	< 0.5
135593	< 5	1.32	0.73	273	3.45	0.030	62	0.4	4.8	< 3	185	< 0.5	0.16	1.7	< 0.5	31	2	16	10.2	15	7	1.3	< 0.01	< 0.5
135594	< 5	1.79	0.85	327	2.70	0.034	< 15	0.1	7.7	< 3	199	< 0.5	0.24	2.7	< 0.5	51	< 1	17	15.3	27	12	2.0	< 0.01	< 0.5

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
135529	5.5	0.94	29.0
135530	4.0	0.74	33.1
135531	5.2	0.96	31.7
135532	4.9	0.84	30.4
135533	5.3	0.87	30.5
135534	5.3	0.95	28.2
135535	5.1	0.93	28.6
135536	5.0	0.90	29.6
135537	4.8	0.98	31.5
135538	4.8	0.94	30.2
135539	3.3	0.74	28.7
135540	3.3	0.65	30.1
135541	4.9	0.89	30.1
135542	5.2	0.89	29.0
135543	5.0	0.87	28.2
135544	4.9	0.85	30.1
135545	4.8	0.88	27.2
135546	4.8	0.87	29.8
135547	4.3	0.77	27.6
135548	1.6	0.29	29.7
135549	3.8	0.68	34.3
135550	3.9	0.69	29.8
135551	2.1	0.38	29.4
135552	1.9	0.34	25.4
135553	1.3	0.22	29.0
135554	1.5	0.27	24.8
135555	1.1	0.19	28.8
135556	1.5	0.24	30.0
135557	1.5	0.29	27.6
135558	1.4	0.22	25.3
135559	1.2	0.26	25.3
135560	1.0	0.19	26.8
135561	0.7	0.19	29.5
135562	1.1	0.24	28.9
135563	3.6	0.70	33.2
135564	1.6	0.31	28.5
135565	1.7	0.28	25.4
135566	1.5	0.29	27.2
135567	1.5	0.24	27.1
135568	1.3	0.25	28.5
135569	1.4	0.23	28.4
135570	1.2	0.21	28.1
135571	1.4	0.23	27.5
135572	1.2	0.20	27.7
135573	1.6	0.29	30.2
135574	1.4	0.26	28.8
135575	0.9	0.17	26.4
135576	0.9	0.14	25.7
135577	0.7	0.14	28.8
135578	0.8	0.11	28.5
135579	0.7	0.14	26.3
135580	0.4	0.08	27.6

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
135581	0.7	0.11	29.1
135582	0.7	0.07	28.2
135583	0.5	0.07	27.4
135584	0.4	0.09	28.6
135585	< 0.2	0.08	28.3
135586	0.7	0.07	27.2
135587	0.6	0.10	27.6
135588	0.6	0.12	28.7
135589	0.5	0.10	28.2
135590	1.4	0.33	28.0
135591	0.5	0.06	28.3
135592	0.9	0.14	26.4
135593	0.8	0.13	30.7
135594	1.2	0.19	28.2

Quality Control

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas			28.8		1130	3.3	14	689	40		708		0.22	0.72			1	1380		0.84				
GXR-1 Cert			31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
DNC-1 Meas			< 0.3		103		< 1	6	247		55		0.05	9.37			< 1	< 2		7.86				
DNC-1 Cert			0.0270		96.0		0.700	6.30	247		66.0		0.0390	9.69			1.00	0.0200		8.06				
GXR-4 Meas			3.4		6500	0.6	314	42	43		70		1.83	6.30			2	18		1.11				
GXR-4 Cert			4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-2 Meas			19.8		88	4.6	2	735	22		574		0.01	10.5			2	< 2		0.98				
GXR-2 Cert			17.0		76.0	4.10	2.10	690	21.0		530		0.0313	16.5			1.70	0.690		0.930				
SDC-1 Meas			< 0.3		30	0.6	< 1	22	38		99		0.06	8.08			3	< 2		1.15				
SDC-1 Cert			0.0410		30.0	0.0800	0.250	25.0	38.0		103		0.0650	8.34			3.00	2.60		1.00				
SCO-1 Meas			< 0.3		29	0.6	< 1	30	30		100			7.11			2	< 2		2.10				
SCO-1 Cert			0.134		28.7	0.140	1.37	31.0	27.0		103			7.24			1.84	0.370		1.87				
GXR-6 Meas			0.3		72	0.7	< 1	97	27		130		0.01	12.3			1	< 2		0.18				
GXR-6 Cert			1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
OREAS 13P Meas					2650				2130															
OREAS 13P Cert					2500				2260															
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
DMMAS 107 Meas		581										210			2970						74	173		
DMMAS 107 Cert		557										204			2980						74	166		
DMMAS 107 Meas		552										220			3050						74	180		
DMMAS 107 Cert		557										204			2980						74	166		
DMMAS 107 Meas		563										160			3060						72	171		
DMMAS 107 Cert		557										204			2980						74	166		
OxC58 Meas	210																							
OxC58 Cert	201.000																							
OxC58 Meas	211																							
OxC58 Cert	201.000																							
135529 Orig	< 5	< 2	0.4	< 5	66	1.2	< 1	3	48	< 20	174	210	0.47	6.10	10.9	< 50	1	< 2	< 0.5	5.30	46	86	< 1	1.6
135529 Split	< 5	< 2	0.4	< 5	59	1.2	< 1	< 3	45	< 20	167	220	0.40	3.13	23.5	< 50	1	< 2	< 0.5	4.95	45	82	< 1	1.5
135530 Orig			< 0.3		36	1.0	< 1	< 3	39		132		0.10	4.97			1	< 2		8.78				
135530 Dup			< 0.3		36	1.0	< 1	< 3	40		132		0.09	5.04			1	< 2		8.83				
135533 Orig	< 5																							
135533 Dup	< 5																							
135543 Orig	< 5																							
135543 Dup	< 5																							
135551 Orig			0.5		69	0.6	1	5	84		113		0.18	8.70			2	< 2		0.80				
135551 Dup			0.5		71	0.7	1	6	83		112		0.18	8.50			2	< 2		0.79				
135553 Orig	< 5																							
135553 Dup	< 5																							
135558 Orig	< 5	< 2	0.4	< 5	63	0.6	1	3	91	< 20	57	< 50	0.29	9.04	11.9	490	1	< 2	< 0.5	1.77	21	131	3	1.1
135558 Split	< 5	< 2	0.3	< 5	68	0.6	1	3	90	< 20	55	< 50	0.27	8.65	16.9	460	1	< 2	< 0.5	1.66	22	134	4	1.3
135565 Orig			0.7		71	0.5	3	14	42		98		0.50	8.44			1	< 2		1.69				
135565 Dup			0.4		69	0.5	3	14	42		96		0.50	8.57			1	< 2		1.69				
135568 Orig	< 5																							
135568 Dup	< 5																							
135578 Orig	< 5																							
135578 Dup	< 5																							
135586 Orig			< 0.3		39	< 0.3	2	< 3	9		55		0.11	7.77			1	< 2		0.78				
135586 Dup			< 0.3		39	0.3	2	< 3	9		55		0.10	7.75			1	< 2		0.79				
135588 Orig	< 5																							
135588 Dup	< 5																							
135594 Orig	< 5	< 2	0.4	< 5	44	0.5	1	6	28	< 20	105	70	0.16	7.98	11.2	410	1	< 2	< 0.5	1.41	10	41	3	0.5
135594 Split	< 5	< 2	0.3	< 5	43	0.6	1	5	27	< 20	103	< 50	0.16	7.66	15.4	570	1	< 2	< 0.5	1.35	11	46	2	0.6

Quality Control

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		1	0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				

Quality Control

Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
GXR-1 Meas					0.04	0.17	844		0.056					256					87		11			
GXR-1 Cert					0.0500	0.217	852		0.0650					275					80.0		32.0			
DNC-1 Meas					0.21	5.79	1050		0.028					139		0.28			149		27			
DNC-1 Cert					0.190	6.06	1150		0.0370					145		0.287			148		18.0			
GXR-4 Meas					2.50	1.68	150		0.139					226					94		24			
GXR-4 Cert					4.01	1.66	155		0.120					221					87.0		14.0			
GXR-2 Meas					1.59	0.84	1040		0.073					164					60		28			
GXR-2 Cert					1.37	0.850	1010		0.105					160					52.0		17.0			
SDC-1 Meas					2.21	1.01	892		0.056					188		0.11			38		59			
SDC-1 Cert					2.72	1.02	883		0.0690					183		0.606			102		40.0			
SCO-1 Meas					2.10	1.62	393		0.083					174		0.23			123		35			
SCO-1 Cert					2.30	1.64	410		0.0900					174		0.380			131		26.0			
GXR-6 Meas					1.84	0.60	1090		0.034					40					90		24			
GXR-6 Cert					1.87	0.609	1010		0.0350					35.0					186		14.0			
OREAS 13P Meas																								
OREAS 13P Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
DMMAS 107 Meas	6.92							0.77			4.3	14.8						33.2		13		15.1	26	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
DMMAS 107 Meas	7.08							0.78			3.5	15.4						33.3		15		15.3	24	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
DMMAS 107 Meas	7.17							0.78			4.2	15.3						31.3		10		15.8	22	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
135529 Orig	9.10	6	< 1	< 5	0.01	2.13	2130	1.63	0.171	< 15	0.6	37.2	< 3	87	< 0.5	0.41	1.3	< 0.5	130	< 1	81	12.9	32	19
135529 Split	8.89	6	< 1	< 5	0.01	1.55	2030	1.67	0.192	< 15	0.7	36.6	< 3	82	1.8	1.25	0.9	2.2	249	< 1	40	12.9	29	13
135530 Orig					0.01	1.65	1970		0.132					124		0.16			77		67			
135530 Dup					0.01	1.69	1970		0.134					127		0.12			62		68			
135533 Orig																								
135533 Dup																								
135543 Orig																								
135543 Dup																								
135551 Orig					1.98	1.79	534		0.105					86		0.55			166		38			
135551 Dup					1.84	1.79	533		0.099					87		0.47			151		38			
135553 Orig																								
135553 Dup																								
135558 Orig	4.04	4	< 1	< 5	1.75	1.51	520	1.69	0.083	86	< 0.1	17.8	< 3	164	< 0.5	0.44	4.4	< 0.5	156	< 1	28	33.5	58	18
135558 Split	4.15	4	< 1	< 5	1.59	1.54	520	1.74	0.085	< 15	< 0.1	18.4	< 3	167	2.0	0.46	5.0	< 0.5	160	< 1	27	33.6	61	23
135565 Orig					1.93	1.04	311		0.035					217		0.39			102		29			
135585 Dup					1.89	1.02	304		0.035					216		0.38			101		28			
135568 Orig																								
135568 Dup																								
135578 Orig																								
135578 Dup																								
135586 Orig					0.75	0.60	157		0.023					210		0.13			23		8			
135586 Dup					0.76	0.61	156		0.024					209		0.14			23		8			
135588 Orig																								
135588 Dup																								
135594 Orig	1.90	3	< 1	< 5	1.79	0.85	327	2.70	0.034	< 15	0.1	7.7	< 3	199	< 0.5	0.24	2.7	< 0.5	51	< 1	17	15.3	27	12
135594 Split	1.90	3	< 1	< 5	1.61	0.85	323	2.60	0.034	< 15	< 0.1	7.5	< 3	193	< 0.5	0.26	2.5	< 0.5	56	< 1	16	15.5	26	11

Quality Control

Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
Method Blank Method Blank					< 0.01	< 0.01	2		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	4		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	15		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	14		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	7		< 0.001					< 1		< 0.01			< 2		< 1			

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas						
GXR-1 Cert						
DNC-1 Meas						
DNC-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-2 Meas						
GXR-2 Cert						
SDC-1 Meas						
SDC-1 Cert						
SCO-1 Meas						
SCO-1 Cert						
GXR-6 Meas						
GXR-6 Cert						
OREAS 13P Meas						
OREAS 13P Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
DMMAS 107 Meas	1.5			2.6	0.43	
DMMAS 107 Cert	3.90			2.70	0.54	
DMMAS 107 Meas	1.6			2.9	0.53	
DMMAS 107 Cert	3.90			2.70	0.54	
DMMAS 107 Meas	1.7			2.8	0.52	
DMMAS 107 Cert	3.90			2.70	0.54	
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
135529 Orig	4.3	< 0.01	1.2	5.5	0.94	29.0
135529 Split	4.0	< 0.01	1.1	5.1	0.90	31.7
135530 Orig						
135530 Dup						
135533 Orig						
135533 Dup						
135543 Orig						
135543 Dup						
135551 Orig						
135551 Dup						
135553 Orig						
135553 Dup						
135558 Orig	4.4	< 0.01	< 0.5	1.4	0.22	25.3
135558 Split	4.6	< 0.01	< 0.5	1.8	0.30	25.3
135565 Orig						
135565 Dup						
135568 Orig						
135568 Dup						
135578 Orig						
135578 Dup						
135586 Orig						
135586 Dup						
135588 Orig						
135588 Dup						
135594 Orig	2.0	< 0.01	< 0.5	1.2	0.19	28.2
135594 Split	1.8	< 0.01	< 0.5	0.9	0.18	26.4

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						

Quality Analysis ... *Innovative Technologies*

Date Submitted: 23-Sep-08
Invoice No.: A08-6457 (i)
Invoice Date: 07-Nov-08
Your Reference:

Lake Shore Gold Corp.
P.O. Box 1067
Timmins Ontario P4N 7W7

ATTN: Joan-invoice/results Arkilander

CERTIFICATE OF ANALYSIS

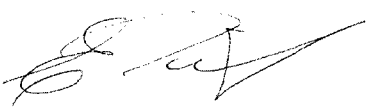
34 Core samples were submitted for analysis.

The following analytical packages were requested: Code 1A2 Au - Fire Assay AA
Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A08-6457 (i)**

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :



Elitsa Hrischeva, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Analysis Method	FA-AA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
136621	< 5	< 2	< 0.3	42	< 0.3	< 1	7	61	122	0.25	12.8	45.4	330	2	< 2	< 0.5	0.57	25	67	2	1.2	2.75	5	< 1
136622	< 5	< 2	< 0.3	39	< 0.3	< 1	8	67	116	0.16	12.9	49.7	440	2	< 2	< 0.5	1.00	30	69	2	1.6	2.55	5	< 1
136623	5	< 2	< 0.3	46	< 0.3	1	5	46	89	0.60	10.6	23.5	< 50	1	< 2	< 0.5	2.88	21	59	2	1.2	2.46	4	< 1
136624	9	12	< 0.3	59	< 0.3	< 1	8	65	115	0.39	12.8	42.7	< 50	1	< 2	< 0.5	1.18	28	67	2	1.1	2.99	5	< 1
136625	14	14	< 0.3	73	< 0.3	< 1	10	64	118	0.43	11.6	43.3	< 50	1	< 2	< 0.5	1.22	26	65	< 1	1.4	3.05	5	< 1
135501	6	9	0.4	54	< 0.3	1	9	64	118	0.17	12.8	53.3	230	1	< 2	< 0.5	0.71	29	59	2	1.2	3.03	5	< 1
135502	12	11	< 0.3	51	< 0.3	< 1	7	54	117	0.24	13.2	49.2	< 50	1	< 2	< 0.5	2.23	25	77	2	1.1	3.27	5	< 1
135503	21	< 2	0.4	45	< 0.3	< 1	7	56	101	0.26	11.7	37.6	< 50	1	< 2	< 0.5	1.86	26	71	2	1.4	3.19	4	< 1
135504	< 5	< 2	< 0.3	17	< 0.3	1	5	23	50	0.07	4.98	19.0	200	1	< 2	< 0.5	2.79	12	36	1	0.8	1.92	2	< 1
135505	18	23	< 0.3	48	0.3	< 1	6	56	106	0.19	12.7	48.3	440	1	< 2	< 0.5	0.67	32	73	< 1	1.1	3.49	5	< 1
135506	< 5	< 2	< 0.3	54	0.3	< 1	8	36	82	0.11	9.54	36.5	< 50	2	< 2	< 0.5	7.40	23	116	< 1	2.2	3.80	4	< 1
135507	8	6	0.5	59	0.3	< 1	9	66	126	0.41	11.9	45.2	470	1	< 2	< 0.5	1.86	31	79	3	1.4	3.49	5	< 1
135508	9	< 2	< 0.3	50	0.3	< 1	6	59	106	0.30	11.7	43.9	440	1	< 2	< 0.5	1.70	29	79	< 1	1.3	3.34	5	< 1
135509	12	< 2	< 0.3	50	0.3	< 1	7	64	116	0.29	12.4	45.3	330	1	< 2	< 0.5	1.41	24	65	2	1.2	3.36	5	< 1
135510	9	11	< 0.3	49	< 0.3	< 1	9	60	113	0.34	11.3	42.8	250	1	< 2	< 0.5	1.54	25	74	2	0.9	3.44	5	< 1
135511	35	43	0.6	37	< 0.3	1	20	67	93	1.53	10.6	22.6	540	1	< 2	< 0.5	2.42	29	69	2	1.7	3.30	4	< 1
135512	11	7	0.7	22	0.3	1	13	2	131	0.68	12.2	5.7	< 50	3	< 2	< 0.5	2.37	4	< 2	< 1	4.8	2.05	7	< 1
135513	< 5	4	0.7	22	< 0.3	< 1	14	2	85	0.80	8.41	6.4	360	3	< 2	< 0.5	1.53	5	7	< 1	4.4	2.06	8	< 1
135514	9	< 2	< 0.3	47	0.3	1	8	67	113	0.49	11.6	39.1	400	2	< 2	< 0.5	1.31	29	78	4	1.5	3.06	5	< 1
135515	< 5	< 2	0.4	47	< 0.3	< 1	7	57	115	0.25	11.4	35.3	610	1	< 2	< 0.5	1.31	24	81	3	1.3	3.39	5	< 1
135516	< 5	< 2	< 0.3	53	< 0.3	< 1	5	73	87	0.01	8.76	73.8	< 50	1	< 2	< 0.5	6.89	33	241	< 1	2.0	4.75	5	< 1
135517	< 5	< 2	< 0.3	42	0.4	< 1	8	54	108	0.27	12.2	35.5	530	2	< 2	< 0.5	1.86	21	82	< 1	1.3	3.02	5	< 1
135518	< 5	9	< 0.3	81	0.3	< 1	6	65	101	0.36	12.5	49.7	550	1	< 2	< 0.5	0.99	33	77	2	1.2	3.58	5	< 1
135519	< 5	< 2	< 0.3	93	< 0.3	< 1	6	92	69	0.12	7.84	91.8	< 50	1	< 2	< 0.5	8.65	37	367	< 1	2.4	5.34	2	< 1
135520	< 5	< 2	< 0.3	41	< 0.3	< 1	8	56	123	0.24	12.3	45.0	460	1	< 2	< 0.5	1.91	23	76	< 1	1.1	3.42	5	< 1
135521	9	9	0.4	56	0.3	< 1	6	61	112	0.47	12.8	35.7	410	2	< 2	< 0.5	1.07	27	79	2	1.1	3.62	5	< 1
135522	5	9	< 0.3	55	< 0.3	< 1	3	42	64	0.24	7.29	32.4	360	1	< 2	< 0.5	4.24	18	62	1	1.4	3.25	3	< 1
135523	< 5	< 2	< 0.3	56	0.5	< 1	5	57	110	0.22	12.8	39.9	590	2	< 2	< 0.5	1.20	24	78	2	1.0	3.38	6	< 1
135524	10	< 2	< 0.3	51	0.5	< 1	6	60	121	0.33	13.4	37.5	540	2	< 2	< 0.5	0.94	24	72	2	1.5	3.38	5	< 1
135525	6	< 2	0.5	62	< 0.3	2	4	55	124	0.38	14.9	40.7	810	2	< 2	< 0.5	1.11	23	69	3	1.4	3.34	5	< 1
135526	< 5	< 2	< 0.3	79	0.5	< 1	6	134	94	0.02	7.58	111	< 50	1	< 2	< 0.5	8.59	43	483	< 1	1.8	5.40	3	< 1
135527	< 5	< 2	0.4	66	0.3	1	10	57	99	0.23	13.3	40.9	590	2	< 2	< 0.5	1.70	23	79	2	1.4	3.36	3	< 1
135528	34	< 2	0.5	83	0.3	< 1	9	54	102	0.30	10.6	42.1	580	2	< 2	< 0.5	3.03	26	89	2	1.6	3.70	5	< 1

Analyte Symbol	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
136621	< 5	2.05	0.77	297	1.56	0.031	64	< 0.1	17.5	< 3	227	< 0.5	0.35	3.9	1.8	112	5	15	24.1	60	35	5.2	< 0.01	< 0.5
136622	< 5	2.29	0.76	429	1.48	0.034	< 15	< 0.1	18.3	< 3	210	< 0.5	0.33	4.1	2.5	97	< 1	15	29.6	75	21	6.1	< 0.01	< 0.5
136623	< 5	1.96	0.86	744	1.08	0.026	< 15	< 0.1	12.9	< 3	154	2.7	0.40	2.7	< 0.5	120	8	12	19.4	55	13	4.1	< 0.01	< 0.5
136624	< 5	2.05	0.86	484	1.43	0.034	61	0.3	17.0	< 3	188	< 0.5	0.40	3.2	< 0.5	110	< 1	13	21.7	58	9	4.9	< 0.01	< 0.5
136625	< 5	1.72	0.86	493	1.39	0.032	< 15	< 0.1	16.2	< 3	175	< 0.5	0.39	3.6	< 0.5	101	< 1	13	22.4	56	22	5.0	< 0.01	< 0.5
135501	< 5	1.78	0.84	402	1.50	0.036	58	0.6	17.0	< 3	198	< 0.5	0.41	3.2	2.1	130	< 1	14	23.6	61	28	4.9	< 0.01	< 0.5
135502	< 5	1.36	1.17	743	1.42	0.036	< 15	0.7	16.6	< 3	193	< 0.5	0.39	4.0	< 0.5	125	< 1	16	20.6	57	11	4.8	< 0.01	< 0.5
135503	< 5	0.91	1.02	587	1.51	0.040	< 15	< 0.1	17.7	< 3	154	< 0.5	0.46	3.5	< 0.5	147	< 1	13	21.2	54	17	4.9	< 0.01	< 0.5
135504	< 5	0.74	0.66	653	0.50	0.014	< 15	< 0.1	7.2	< 3	82	< 0.5	0.19	< 0.2	< 0.5	56	2	8	8.5	21	< 5	2.0	< 0.01	< 0.5
135505	< 5	1.15	0.86	429	1.50	0.043	< 15	0.7	18.7	< 3	150	3.7	0.51	3.6	< 0.5	153	< 1	14	21.3	60	21	4.7	< 0.01	0.7
135506	< 5	0.78	2.31	1350	1.25	0.154	< 15	< 0.1	14.1	< 3	309	< 0.5	0.36	4.9	< 0.5	131	< 1	20	32.7	91	31	6.9	< 0.01	< 0.5
135507	< 5	2.57	0.98	736	1.05	0.043	72	0.6	17.6	< 3	172	< 0.5	0.39	3.3	< 0.5	107	< 1	14	20.6	54	25	4.6	< 0.01	< 0.5
135508	< 5	2.15	0.97	798	1.12	0.038	60	0.5	16.8	< 3	178	< 0.5	0.28	3.3	1.3	91	< 1	13	19.9	62	22	4.6	< 0.01	< 0.5
135509	< 5	2.06	1.00	722	1.32	0.039	< 15	0.6	16.9	< 3	196	< 0.5	0.35	3.0	2.6	112	< 1	13	20.2	55	27	4.3	< 0.01	< 0.5
135510	< 5	2.48	1.05	722	1.11	0.040	< 15	0.5	16.4	< 3	161	< 0.5	0.32	3.3	< 0.5	97	< 1	13	19.5	48	20	4.5	< 0.01	0.7
135511	< 5	2.62	0.77	745	0.70	0.036	100	0.7	13.0	< 3	179	< 0.5	0.50	4.6	2.5	130	11	15	27.6	70	18	5.6	< 0.01	< 0.5
135512	< 5	1.49	0.48	935	1.68	0.059	< 15	0.4	2.7	< 3	429	< 0.5	0.23	15.6	5.2	60	9	28	83.5	208	78	17.4	< 0.01	< 0.5
135513	< 5	0.96	0.41	870	1.64	0.054	< 15	< 0.1	2.7	< 3	306	< 0.5	0.22	16.5	7.2	56	10	20	79.7	191	70	16.2	< 0.01	< 0.5
135514	< 5	1.61	0.91	572	0.90	0.044	92	0.7	17.4	< 3	191	2.2	0.53	4.1	< 0.5	160	< 1	14	23.2	65	20	4.7	< 0.01	0.7
135515	< 5	1.06	0.96	550	1.35	0.042	73	0.7	16.1	< 3	140	2.0	0.38	3.5	2.0	122	< 1	12	22.7	60	20	4.7	< 0.01	1.6
135516	< 5	0.84	3.09	1260	1.01	0.174	< 15	0.5	18.4	< 3	148	< 0.5	0.44	4.4	< 0.5	160	< 1	25	28.9	81	32	8.1	< 0.01	< 0.5
135517	< 5	2.21	0.96	658	1.34	0.044	67	0.5	15.9	< 3	151	< 0.5	0.27	3.7	< 0.5	94	< 1	12	21.1	55	24	4.4	< 0.01	< 0.5
135518	< 5	2.45	1.15	449	1.02	0.039	57	1.4	17.5	< 3	173	< 0.5	0.45	3.8	< 0.5	139	< 1	13	22.3	58	25	4.9	< 0.01	< 0.5
135519	< 5	1.12	4.24	1420	0.56	0.159	58	0.1	26.9	< 3	163	< 0.5	0.36	7.0	3.1	194	< 1	16	40.1	106	37	7.9	< 0.01	< 0.5
135520	< 5	2.18	1.19	862	0.98	0.038	71	0.8	16.4	< 3	176	< 0.5	0.31	3.1	< 0.5	102	< 1	12	21.1	61	23	4.9	< 0.01	0.8
135521	< 5	2.53	0.96	680	1.11	0.042	93	0.6	18.0	< 3	207	0.9	0.49	4.1	1.7	143	< 1	13	21.1	60	25	4.5	< 0.01	< 0.5
135522	< 5	1.20	1.45	1330	0.94	0.069	< 15	0.6	13.2	< 3	186	< 0.5	0.32	3.3	< 0.5	96	< 1	13	19.8	50	38	4.6	< 0.01	< 0.5
135523	< 5	1.47	1.06	707	0.90	0.045	90	0.6	18.5	< 3	185	< 0.5	0.52	4.2	< 0.5	158	< 1	14	22.9	59	25	5.0	< 0.01	< 0.5
135524	< 5	1.74	1.04	566	1.02	0.045	75	< 0.1	17.4	< 3	202	< 0.5	0.49	3.6	< 0.5	154	< 1	13	22.5	58	17	4.7	< 0.01	< 0.5
135525	< 5	3.55	1.15	631	0.89	0.049	76	0.7	17.5	< 3	213	< 0.5	0.54	4.0	< 0.5	162	< 1	17	21.8	63	17	4.7	< 0.01	< 0.5
135526	< 5	0.78	5.12	1770	0.72	0.151	< 15	< 0.1	26.8	< 3	283	< 0.5	0.32	6.7	< 0.5	202	< 1	14	38.4	88	49	7.3	< 0.01	< 0.5
135527	< 5	1.86	1.65	669	2.42	0.050	< 15	< 0.1	17.5	< 3	208	< 0.5	0.51	3.8	< 0.5	156	< 1	17	22.3	60	19	5.3	< 0.01	< 0.5
135528	< 5	1.99	1.75	777	1.53	0.108	< 15	< 0.1	17.3	< 3	227	< 0.5	0.47	4.9	< 0.5	155	< 1	15	31.6	77	29	6.7	< 0.01	< 0.5

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
136621	3.0	0.49	25.2
136622	3.3	0.53	25.0
136623	2.3	0.40	29.6
136624	2.5	0.47	24.8
136625	2.8	0.42	27.6
135501	2.9	0.50	28.5
135502	2.9	0.46	24.5
135503	2.7	0.46	24.7
135504	1.2	0.22	26.6
135505	2.9	0.48	25.4
135506	2.8	0.48	27.1
135507	2.5	0.48	27.4
135508	2.7	0.40	26.1
135509	2.7	0.34	29.9
135510	2.2	0.38	25.7
135511	3.2	0.47	26.7
135512	3.1	0.60	28.2
135513	3.2	0.49	28.5
135514	3.2	0.47	25.5
135515	2.5	0.45	25.3
135516	3.8	0.60	27.1
135517	2.5	0.29	25.3
135518	2.5	0.46	27.3
135519	2.5	0.35	28.4
135520	2.9	0.43	26.0
135521	2.5	0.47	24.1
135522	2.3	0.41	27.4
135523	2.9	0.40	26.1
135524	2.8	0.52	26.7
135525	3.1	0.46	25.1
135526	1.8	0.38	28.6
135527	2.8	0.47	28.2
135528	2.8	0.47	28.0

Quality Control

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit	5	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Analysis Method	FA-AA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas			28.5		1150	4.1	15	728	45		714		0.23	2.31			1	1420		0.97				
GXR-1 Cert			31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
DNC-1 Meas			< 0.3		92		< 1	5	255		53		0.05	7.38			< 1	< 2		7.99				
DNC-1 Cert			0.0270		96.0		0.700	6.30	247		66.0		0.0390	9.69			1.00	0.0200		8.06				
GXR-4 Meas			3.4		6600	0.6	324	54	51		71		1.86	7.12			2	20		1.21				
GXR-4 Cert			4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-2 Meas			16.2		80	4.5	1	706	20		545		0.02	13.2			2	< 2		1.05				
GXR-2 Cert			17.0		76.0	4.10	2.10	690	21.0		530		0.0313	16.5			1.70	0.690		0.930				
SDC-1 Meas			< 0.3		29	0.5	< 1	22	41		105		0.07	8.86			4	< 2		1.29				
SDC-1 Cert			0.0410		30.0	0.0800	0.250	25.0	38.0		103		0.0650	8.34			3.00	2.60		1.00				
SCO-1 Meas			< 0.3		25	0.5	1	27	29		93			7.21			2	< 2		2.30				
SCO-1 Cert			0.134		28.7	0.140	1.37	31.0	27.0		103			7.24			1.84	0.370		1.87				
GXR-6 Meas			0.5		65	0.8	< 1	95	29		130		0.01	13.2			1	< 2		0.21				
GXR-6 Cert			1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
OREAS 13P Meas					2490				2300															
OREAS 13P Cert					2500				2260															
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
CDN-GS-3D Meas	> 3000																							
CDN-GS-3D Cert	3410.00																							
DMMAS 107 Meas		570										150			2950						71	171		
DMMAS 107 Cert		557										204			2980						74	166		
OxC58 Meas	211																							
OxC58 Cert	201.000																							
OxC58 Meas	214																							
OxC58 Cert	201.000																							
136621 Orig	< 5	< 2	0.3	< 5	42	< 0.3	< 1	7	61	< 20	122	< 50	0.25	12.8	45.4	330	2	< 2	< 0.5	0.57	25	67	2	1.2
136621 Split	< 5	< 2	0.5	< 5	54	0.3	1	5	70	< 20	137	80	0.27	11.2	48.7	250	2	< 2	< 0.5	0.49	28	76	2	1.4
135502 Orig			< 0.3		49	0.3	< 1	7	53		116		0.23	12.1			1	< 2		2.12				
135502 Dup			0.3		52	< 0.3	1	6	55		118		0.26	14.3			1	< 2		2.34				
135503 Orig	22																							
135503 Dup	19																							
135513 Orig	< 5																							
135513 Dup	< 5																							
135516 Orig			< 0.3		54	< 0.3	< 1	6	75		88		0.01	8.98			1	< 2		7.02				
135516 Dup			< 0.3		52	0.3	< 1	3	71		86		0.01	8.55			1	< 2		6.77				
135523 Orig	< 5																							
135523 Dup	< 5																							
135525 Orig	6	< 2	0.5	< 5	62	< 0.3	2	4	55	< 20	124	110	0.36	14.9	40.7	810	2	< 2	< 0.5	1.11	23	69	3	1.4
135525 Split	< 5	< 2	0.5	< 5	58	0.4	< 1	6	56	< 20	122	130	0.39	17.5	38.0	550	2	< 2	< 0.5	1.14	23	69	2	1.5
135528 Orig	34	< 2	0.5	< 5	83	0.3	< 1	9	54	< 20	102	< 50	0.30	10.6	42.1	580	2	< 2	< 0.5	3.03	26	89	2	1.6
135528 Split	< 5	< 2	0.5	< 5	93	0.3	< 1	8	52	< 20	103	< 50	0.30	11.3	49.0	690	2	< 2	< 0.5	2.74	24	81	2	1.9
Method Blank Method Blank			< 0.3		2	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				

Quality Control

Analyte Symbol	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
GXR-1 Meas					0.05	0.21	889		0.061					307					89		29			
GXR-1 Cert					0.0500	0.217	852		0.0650					275					80.0		32.0			
DNC-1 Meas					0.14	5.27	1050		0.025					139		0.25			139		11			
DNC-1 Cert					0.190	6.06	1150		0.0370					145		0.287			148		18.0			
GXR-4 Meas					5.00	1.78	156		0.143					235					97		15			
GXR-4 Cert					4.01	1.66	155		0.120					221					87.0		14.0			
GXR-2 Meas					1.72	0.85	1060		0.068					162					60		18			
GXR-2 Cert					1.37	0.850	1010		0.105					160					52.0		17.0			
SDC-1 Meas					3.57	1.08	968		0.060					193		0.12			41		37			
SDC-1 Cert					2.72	1.02	883		0.0690					183		0.606			102		40.0			
SCO-1 Meas					1.22	1.63	392		0.086					169		0.33			134		20			
SCO-1 Cert					2.30	1.64	410		0.0900					174		0.380			131		26.0			
GXR-6 Meas					1.73	0.62	1130		0.036					42					173		14			
GXR-6 Cert					1.87	0.609	1010		0.0350					35.0					186		14.0			
OREAS 13P Meas																								
OREAS 13P Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
CDN-GS-3D Meas																								
CDN-GS-3D Cert																								
DMMAS 107 Meas	7.17							0.75			22.6	15.1						33.3		15		14.9	23	
DMMAS 107 Cert	6.95							0.74			13.7	14.8						32.9		14.0		15.0	24.0	
OxC58 Meas																								
OxC58 Cert																								
OxC58 Meas																								
OxC58 Cert																								
136621 Orig	2.75	5	< 1	< 5	2.05	0.77	297	1.56	0.031	64	< 0.1	17.5	< 3	227	< 0.5	0.35	3.9	1.8	112	5	15	24.1	60	35
136621 Split	2.64	5	< 1	< 5	2.29	0.80	316	1.58	0.043	< 15	0.5	17.9	< 3	226	< 0.5	0.61	4.0	< 0.5	179	< 1	10	25.0	67	29
135502 Orig					1.64	1.13	712		0.033					183		0.28			109		13			
135502 Dup					1.08	1.22	773		0.039					202		0.51			141		18			
135503 Orig																								
135503 Dup																								
135513 Orig																								
135513 Dup																								
135516 Orig					0.85	3.15	1290		0.176					150		0.45			163		25			
135516 Dup					0.82	3.02	1230		0.172					145		0.44			157		24			
135523 Orig																								
135523 Dup																								
135525 Orig	3.34	5	< 1	< 5	3.55	1.15	631	0.89	0.049	76	0.7	17.5	< 3	213	< 0.5	0.54	4.0	< 0.5	162	< 1	17	21.8	63	17
135525 Split	3.48	5	< 1	< 5	3.57	1.16	640	0.92	0.048	85	< 0.1	18.0	< 3	226	< 0.5	0.54	3.3	< 0.5	160	< 1	20	22.5	66	19
135528 Orig	3.70	5	< 1	< 5	1.99	1.75	777	1.53	0.108	< 15	< 0.1	17.3	< 3	227	< 0.5	0.47	4.9	< 0.5	155	< 1	15	31.6	77	29
135528 Split	3.87	5	< 1	< 5	2.02	1.77	755	1.64	0.106	< 15	0.5	18.6	< 3	204	< 0.5	0.48	4.3	< 0.5	144	< 1	17	32.9	89	30
Method Blank Method Blank					< 0.01	< 0.01	< 1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank					< 0.01	< 0.01	< 1		< 0.001					< 1		< 0.01			< 2		< 1			

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas						
GXR-1 Cert						
DNC-1 Meas						
DNC-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-2 Meas						
GXR-2 Cert						
SDC-1 Meas						
SDC-1 Cert						
SCO-1 Meas						
SCO-1 Cert						
GXR-6 Meas						
GXR-6 Cert						
OREAS 13P Meas						
OREAS 13P Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
CDN-GS-3D Meas						
CDN-GS-3D Cert						
DMMAS 107 Meas	3.9			3.2	0.56	
DMMAS 107 Cert	3.90			2.70	0.54	
OxC58 Meas						
OxC58 Cert						
OxC58 Meas						
OxC58 Cert						
136621 Orig	5.2	< 0.01	< 0.5	3.0	0.49	25.2
136621 Split	5.2	< 0.01	< 0.5	3.2	0.57	25.4
135502 Orig						
135502 Dup						
135503 Orig						
135503 Dup						
135513 Orig						
135513 Dup						
135516 Orig						
135516 Dup						
135523 Orig						
135523 Dup						
135525 Orig	4.7	< 0.01	< 0.5	3.1	0.46	25.1
135525 Split	4.9	< 0.01	0.9	3.0	0.44	26.3
135528 Orig	6.7	< 0.01	< 0.5	2.8	0.47	28.0
135528 Split	7.1	< 0.01	1.2	3.4	0.53	24.5
Method Blank Method Blank						
Method Blank Method Blank						