YEIP
2008
-046

Report of 2008 Field Activities

Funded under YMIP Grant #08-046

Prepared By

James Woods
Po Box 553
Faro, Yukon
Y0b 1k0

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Table of Contents

Introduction	4
Area 1 South Macmillan River	**4**
Area location and access	**4**
Previous work and exploration	**4**
Regional and general geology	**4**
Description and summary of work	**4**
Analysis and results	**4**
Conclusions and recommendations	**5**
Area 2 South Little Salmon Lake	**5**
Area location and access	**5**
Previous work and exploration	**5**
Regional and general geology	**5**
Description and summary of work	**5**
Analysis and results	**5**
Conclusions and recommendations	**6**

LIST OF FIGURES

South Macmillan River

Figure 1 Project location map 7

Figure 2 Regional geology map 8

Figure 3 Geology and sample locations 9

South Little Salmon Lake

Figure 4 Project location map 10

Figure 5 Regional geology map 11

Figure 6 Geology and sample locations 12

List of Appendices

Appendix A - Summary of prospecting activities and field notes 13

Appendix B - Rock sample reports 16

Appendix C - Certificate of analysis 23

Introduction

This report summaries the prospecting funded under YMIP Grant # 08-46 A detailed summary of the 2008 field activities and copies of field notes are included in Appendix A.

The South Macmillan River area (70km north of Faro) and south of Little Salmon Lake (60km southwest of Faro) are discussed in detail.

Area 1- South Macmillan River

Project Summary

The South Macmillan River project is a sedimentary basin with unknown depth of sandy material with low mountains which the mountain south of the lake has hydrothermal systems that have been metamorphosed.

Area's Location and Access

The area is located approximately 70km north of Faro, YT, on a medium sized lake at grid 6983000 593200 utm on map sheep 105k14. Access to this lake is only by float plane.

Previous Work and Exploration Activity

There is no record of any kind of prospecting done in this area, though the area around it has had some prospecting done.

Regional and General Geology

The geology of the area is Ordovician to Devonian. Black shale and chert overlain by orange silt stone.

Description and Summary of Work

The work area was completed in June 2008. The ground was still frozen under 2-3 inches of moss, which was burned off the previous season. The samples that were taken was from the hillside south of the lake where a few outcrops were located. Much of the soil was sandy with very little rock material, suspect that most of it was glacial.

Analysis and Results

A total of 5 rock samples were collected from the hillside on the south of the lake. The analysis was done by ALS of Vancouver, BC, using their ME-MS41, 51 anal. aqua regia ICPMS.

Samples 8A003, 8A004, and 8A005 showed higher than normal levels of AS (arsenic) and SB (ANTIMONY). Sample 8A003 had 65.5 PPM arsenic and 7.57 PPM antimony, while sample 8A004 had 23.3 PPM arsenic and 3.98 PPM antimony, and sample 8A005 had 17.2 PPM arsenic and 3.6 PPM antimony.

Conclusion and Recommendation

The conclusions for this area is that there is high levels of Antimony and Arsenic, which are good indicators of the possibility of gold showings.

Area 2- South of Little Salmon Lake

Project Summary

The south of Little Salmon Lake is a sedimentary basin, which was staked as the quad claims, in which a geochemical survey was done.

Area's Location and Access

The area is located south of Little Salmon Lake on map 105L01at grid 6880000, 548000. Access is done by helicopter or by quad on an exploration road at Pelly Camp, if the rivers that have to be crossed are low.

Previous Work and Exploration Activity

The area was stacked in 1957 as the Chopper Claims and restacked as the Jack Claims in 1988 and 1989. Sediment and soil sampling, and trenching was carried out in 1990. In 1991 sampling and mapping was carried out. During 1994 further mapping and soil sampling was carried out with HLEM and IP geophysical surveys.

Regional and General Geology

The area is a mixture of cretaceous and Cambrian. The cretaceous is granite plutons, dykes and sills with carboniferous to permian are a low grade metamorphic assemblage of shale, greenstone, and carbonate sheared and foliated.

The Cambrian is Harvey group of rocks of high grade metamorphic assemblage of quartz rich met sedimentary rocks, metapelite and marbles.

Description and Summary of Work

The program consisted of soil sampling on a grid pattern on a north to south baseline along the a long the baselines of the claims. Each line was spaced at 100 meters with samples taken every 50 meters.

Analysis and Results

The analysis was done by ALS of Vancouver, BC, using their ME-MS41, 51 anal. aqua regia ICPMS. A total of 161 samples were taken with 9 rock and 152 soil samples.

3 silver anomalies (.8 PPM) were found from the soil samples taken. G06030 showed anomaly of .83 PPM, located east of Camp Lake. G06014 showed an anomaly of 1.92 PPM located south of Camp Lake across the President Creek. F012 has an anomaly of 1.08 PPM, located east of Camp Lake in the cliff side of the fault that follows the creek.

There is 3 areas that have copper anomalies (48 PPM). The first is north of Camp Lake, west of the creek, with 3 showings. G04035 (58.8 PPM), G05033 (74.9 PPM), and G05034 (47.5 PPM). The second one is at the top of the

mountain east of Camp Lake and north of the lake on the mountain. Four showings were found up there, the first F014 (286 PPM) was found in a vein while the second to the fourth were near the south of claims Quad 87 and 88. G14020 (50.5 PPM), G15020 (54 PPM), and G15019 (57.8 PPM). The third area is located on both sides of the fault trench located north east of Camp Lake and directly north of F014. F010 (67.4 PPM) located on the west side of the fault, while across the fault is F011 (57.7 PPM) and F012 (333.0 PPM).

2 lead anomalies (50 PPM) , G06014 (355.0 PPM) is located south of Camp Lake across the Presidents Creek and the other across from Camp Lake to the east A004 (67.4 PPM) and A006 (72.4 PPM).

Zinc anomalies (129 PPM) occur across the north section of claims Quad 61 and 62, with G05036 (190 PPM), G07036 (154 PPM), G10035 (242 PPM) and G05033 (140 PPM). Also on the south of the claims and the north section of claims Quad 63 and 64, with A006 (224 PPM) and G06026 (184 PPM). G06014 has an anomaly of 773 PPM which is located south of the President Creek, with G06009 (197 PPM). Zinc anomalies on the mountain, Quad 87 and 88 have 3 anomalies G15027 (478 PPM), G15020 (827 PPM) and G15019 (142 PPM).

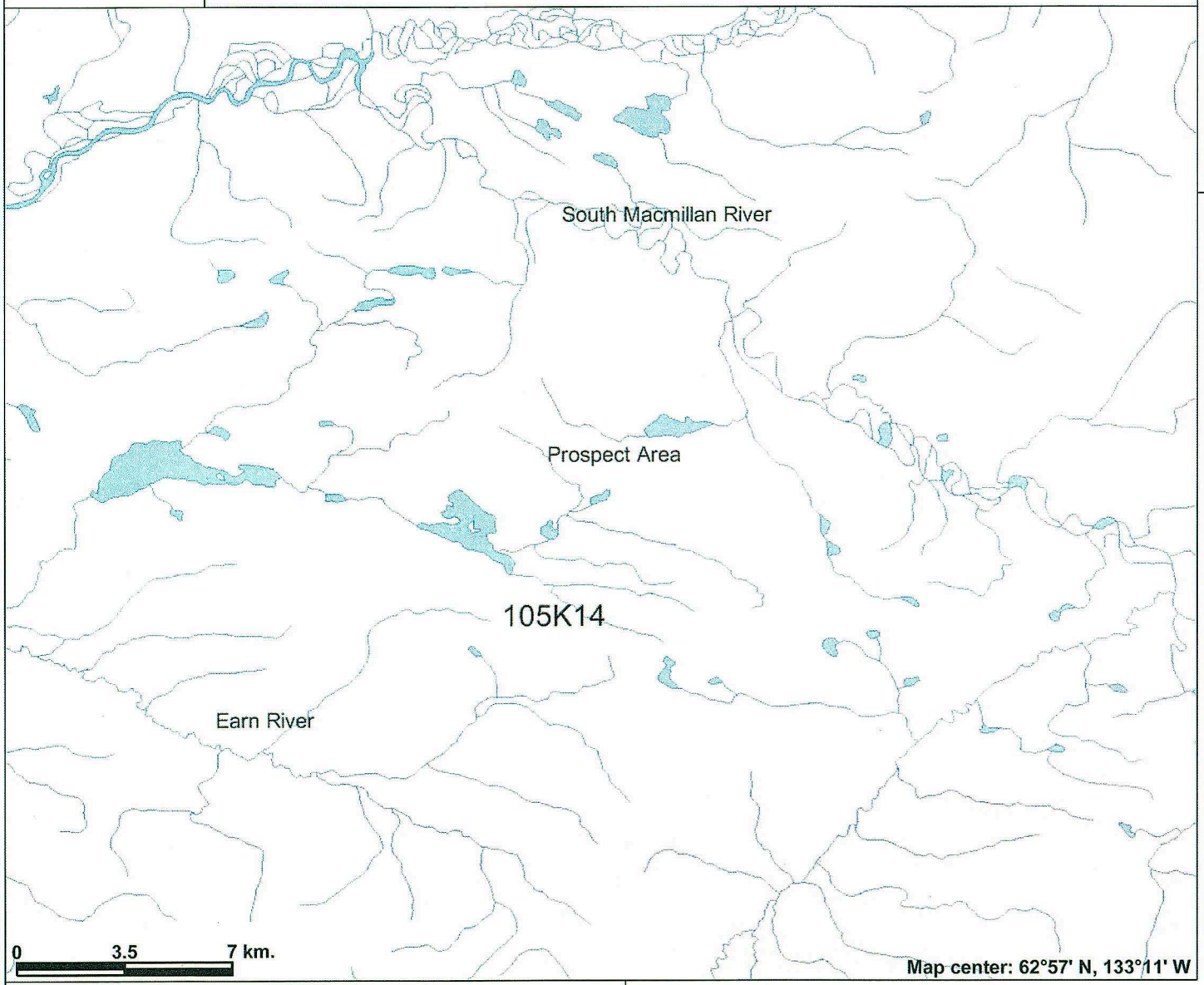
Conclusion and Recommendation

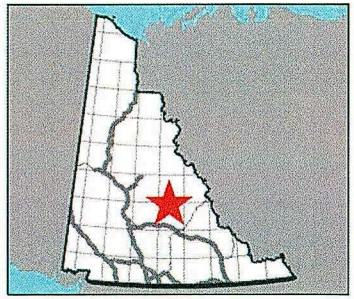
The conclusion of the 2008 summer program is that there are anomalous quantities of base metals scattered around the property. The soil samples that are to be taken next season should be taken as deeply as possible, i.e.: removing as much fluff and rocks as reasonably possible.

More work should be done on claims 65 and 66 as all base metals have shown high anomalies in the area. Further soil sampling should be carried out over the whole claim area, particularly 65 & 66 and 87 & 88. Also the northern and southern edge of all claims seem to be entering higher base metal areas, particularly the 87 & 88 claims.

There seems to be a good indication for gold north of and on claim 87.

South Macmillan Project





Legend

- Yukon Border - Surveyed
- Land and Sea
- Ocean
- Yukon
- Other

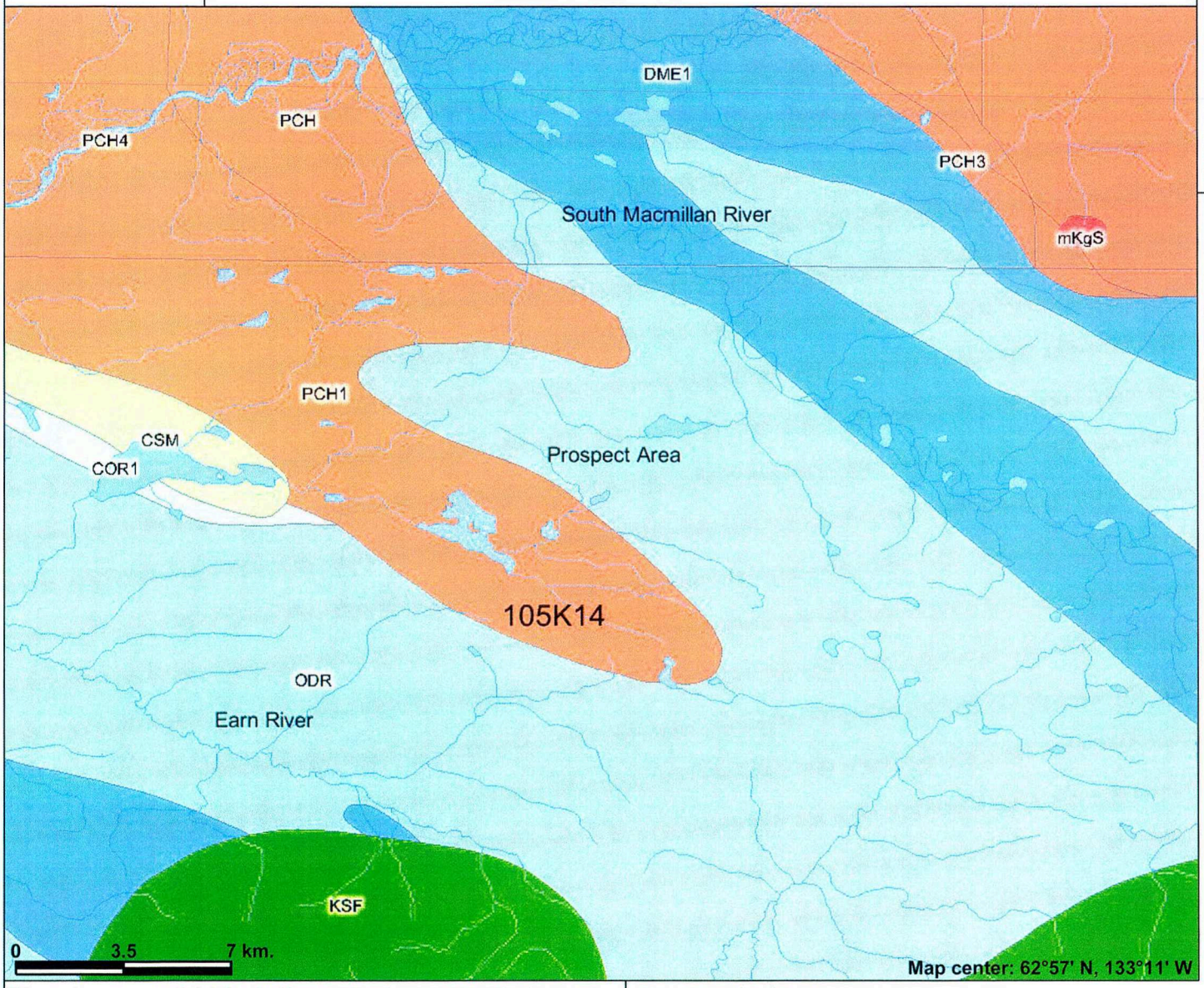
N

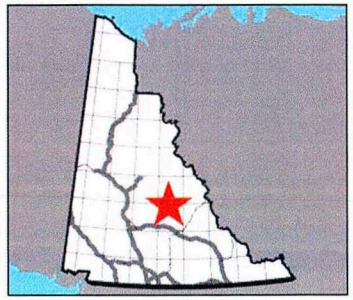
Scale: 1:194,117

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers hat appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Project Location Map

South Macmillan River





Legend

Yukon Border - Surveyed

Quartz Claims

Active

Expired

Land and Sea

Ocean

Yukon

Other

Bedrock Geology - Regional Unit (250K)

CDB1
CDB2
CDB3
CDR
CDR1
CDR2
CDR3
CDR4
CDR5
CDR6
CDS1
CDS2
CDS3
CDS4
CDS5
CE
CH1
CH2
CK
CK1
CK2
CK3
CK4
CKY
CL

N

Scale: 1:194,117

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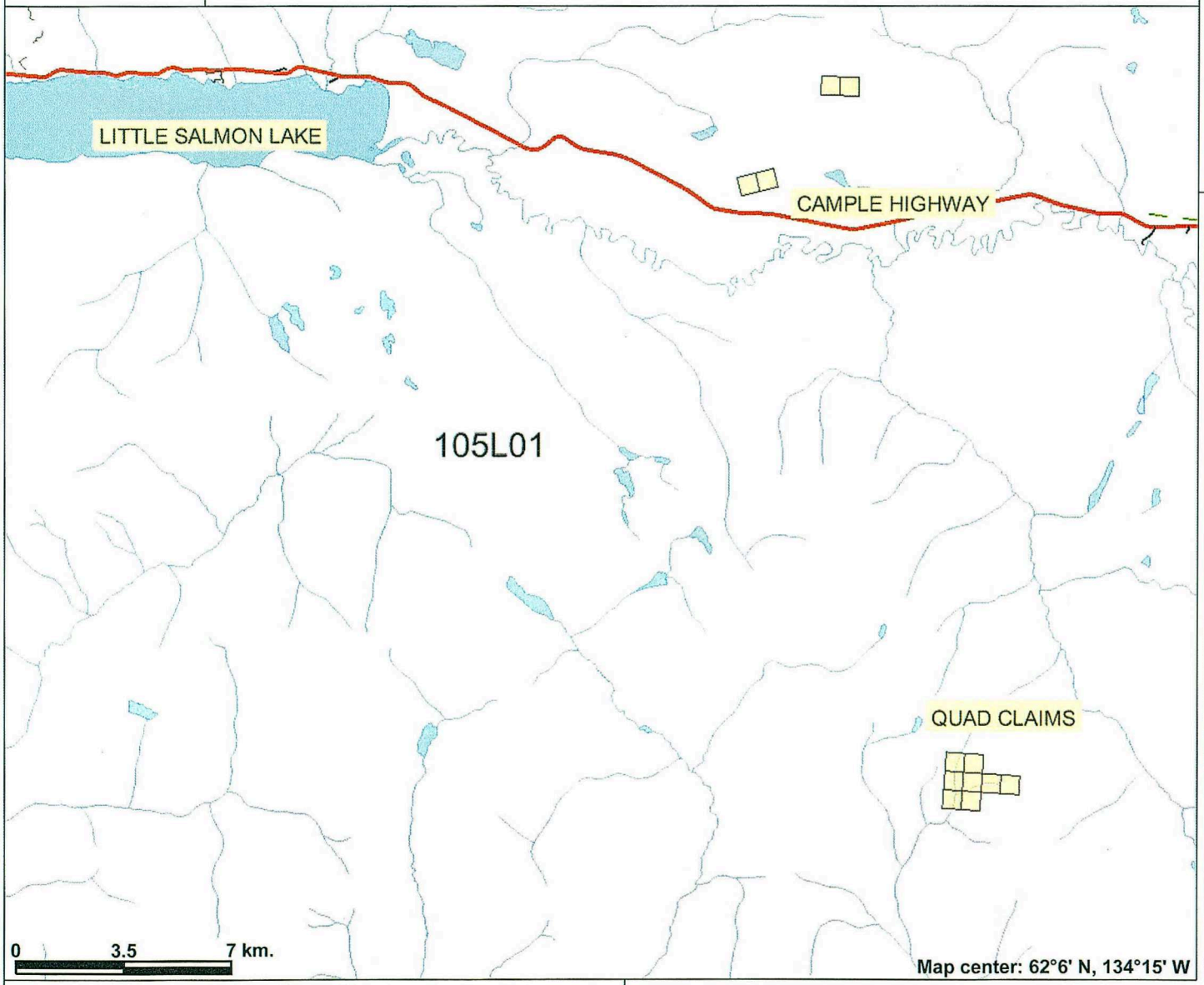
Notes: Regional geology map

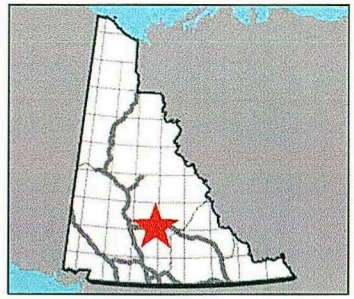
TIME MONTH _____ DAY _____ DATE _____

8A001	D072167	0593138	6983123	outcrop Black slate with quartz stringe
8A002	D072168	0593080	6983226	outcrop quartz vein, Black rusty veins in quar
8A003	D072169	0593042	6983337	outcrop Yellow, Red, Rusty brey. quartz.
8A004	D072170	0593105	6983354	outcrop brey, Rusty Black Lobe nodules
8A005	D072171	0593100	6983347	outcrop quartz vein intermelted with Host R
8T001	D072172	0550321	6890946	outcrop GRANITE with Brassy veins
8T002	D072173	0548088	6889087	outcrop Dark Brown, Rusty, Slate, Black Bm
8T003	D072174	0548178	6889206	outcrop Brown Light Rusty quartz
8T004	D072175	0549252	6889695	outcrop brey marble with Yellow streaks
8T005	D072176	0549630	6890264	outcrop Brown Heavy Rusty Quartz
8T006	D072177	0550153	6890916	outcrop quartz Pyrite, Black streaks
8T007	D072178	0549191	6889660	outcrop Black with Black elongated crystal
F0001	D072179	548107	6880014	outcrop Layered Black, Rusty
F0002	D072180	548200	6880114	outcrop quartz with silica + Brassy nodules
606033	D072181	548100	6880650	SS Dry, sand, Local, B, Brown, 3"
606032	D072182	548100	6880600	SS Swamp, Sand, Loc, B, Grey, 6"
606031	D072183	548100	6880550	SS Dry, organic, Loc, B, Brown, 12"
606030	D072184	548100	6880500	SS Active, silt, Loc, C, Black, 33"
606029	D072185	548100	6880450	SS Active, sand, Loc, A, Grey, 2"
606028	D072186	548100	6880400	SS, ACT, sand, Loc, A, Brown-Grey, 4"
606027	D072187	548100	6880350	SS, ACT, sand, Loc, A, Brown-Grey, 1"
606026	D072188	548100	6880300	SS, SEEP, silt-organic, Loc, A, Grey, 24"
606025	D072189	548100	6880250	SS, ACT, sand, Loc, A, B's-Grey, 2"
606024	D072190	548100	6880200	SS, ACT, sand, Loc, A, Brown, 5"
606023	D072191	548100	6880150	SS, ACT, sand, Loc, A, Brown, 4"
606022	D072192	548100	6880100	SS, ACT, sand, Loc, A, Brown-Black, 8"
606021	D072193	548100	6880050	SS, ACT, sand, Loc, A, Y+Brown, 1"

MEMOS RE PUPILS | GENERAL MEMOS

South of Little Salmon Lake Project





Legend

- Yukon Border - Surveyed
- Quartz Claims
  - Active
  - Expired
- Land and Sea
  - Ocean
  - Yukon
  - Other

N

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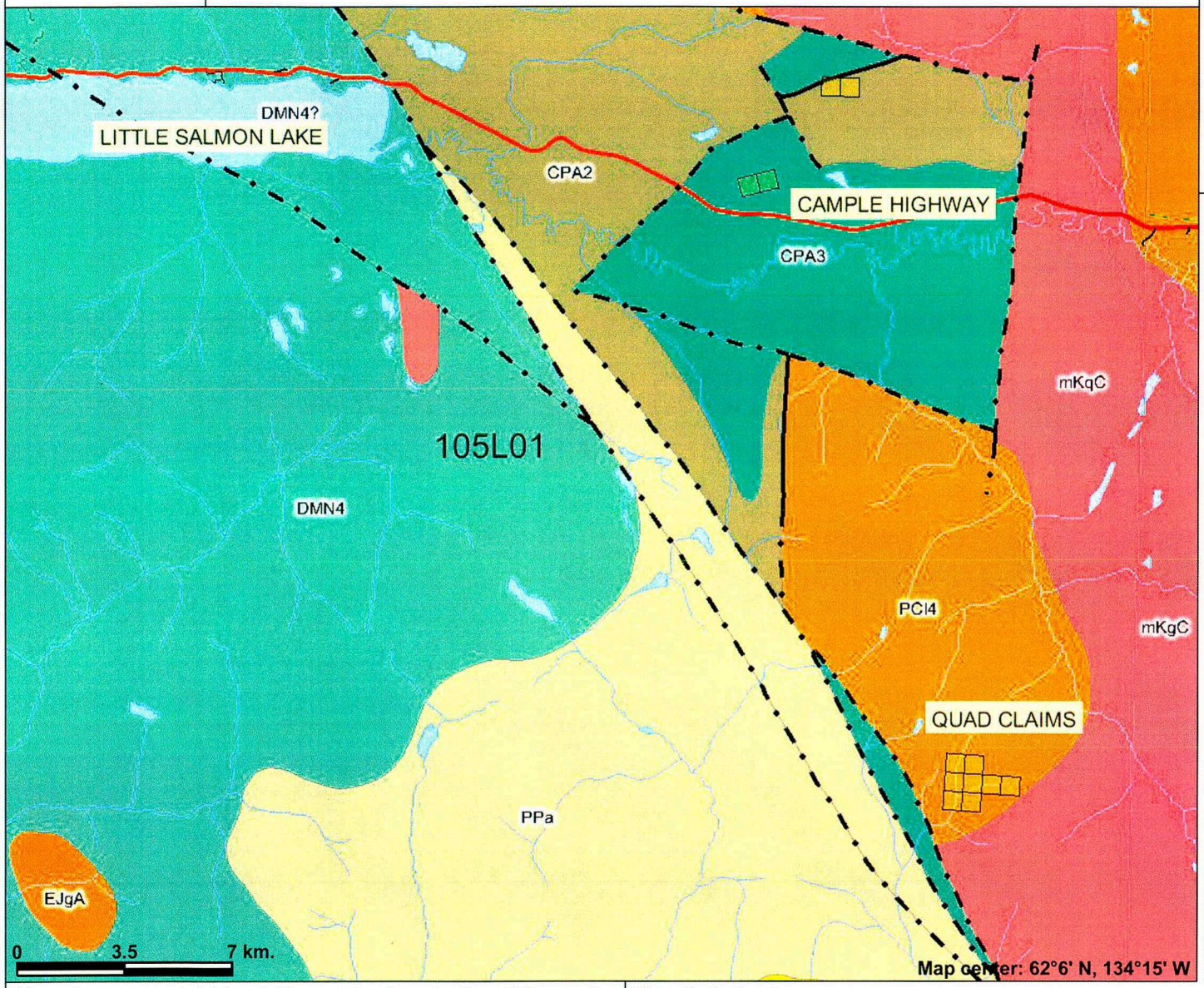
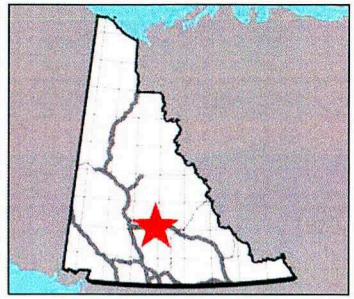
Notes: PROJECT LOCATION MAP

South of Little Salmon Project





Legend

Yukon Border - Surveyed

Quartz Claims

Active
Expired

Faults (250K)

defined
approximate
assumed
extrapolated
defined
extrapolated
defined
approximate
assumed
extrapolated
defined
approximate
assumed
extrapolated
defined
approximate
assumed
extrapolated

Land and Sea

Ocean
Yukon
Other

Bedrock Geology - Regional Unit (250K)

CDB1
CDB2
CDB3
CDR
CDR1

N

Scale: 1:194,117

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Notes: Regional geology map

TIME MONTH DAY DATE

606020	D072194	548100	6880000	act, Rock, Loc, Rock, Y, Ø
606019	D072195	548100	6879950	act, SAND, Loc, A, Brown, 3"
606018	D072196	548100	6879900	Seep, SAND, Loc, C, Brown, 33'
605033	D072197	548000	6880650	Swamp, SILT, Alluvial, C, Black, 33"
605028	D072198	548000	6880400	Act, SAND, Loc, A, Brown, 5"
605027	D072199	548000	6880350	Act, SAND, Loc, A, Brown, 1"
605026	D072200	548000	6880300	Act, SAND, Loc, A, Brown, 1"
605025	6972401	548000	6880250	Act, SAND, Loc, B, Brown, 6"
605024	6972402	548000	6880200	Act, SAND, Loc, B, Brown, 7"
605023	6972403	548000	6880150	Act, SAND, Loc, B, Brown, 6"
605022	6972404	548000	6880100	Act, SAND, Loc, A, Brown, 3"
605021	6972405	548000	6880050	Act, SAND, Loc, A, Brown, 3"
605020	6972406	548000	6880000	Act, SAND, Loc, A, Brown, 2"
605019	6972407	548000	6879950	ACT, SAND, Loc, B, Brown, 3"
605018	6972408	548000	6879900	ACT, SAND, Loc, B, Y, 4"
607033	6972409	548200	6880650	ACT, SAND, Loc, B, Brown+Y, 12"
607032	6972410	548200	6880600	ACT, SAND, Loc, C, Brown, 2"
607031	6972411	548200	6880550	Swamp, SILT, Loc, A, Brown, 8"
607030	6972412	548200	6880500	ACT, SAND, Loc, A, WET, 3"
607029	6972413	548200	6880450	Swamp, SILT, Loc, A, Brown, 8"
607028	6972414	548200	6880400	ACT, SAND, Loc, C, Brown, 2"
607027	6972415	548200	6880350	Rock, Brown marble
607026	6972416	548200	6880300	ACT, SAND, Local, A, Brown 1"
607025	6972417	548200	6880250	ACT, SAND, Loc, B, Brown, 3"
607024	6972418	548200	6880200	ACT, SAND, Loc, B, Brown 15"
607023	6972419	548200	6880150	Swamp, SAND, Loc, A, Black, 24"
607022	6972420	548200	6880100	ACT, SAND, Loc, A, Brown, 4"

MEMOS RE PUPILS

GENERAL MEMOS

TIME MONTH DAY DATE

607021	6972421	548200	6880050	Dry, SAND, Loc, B, Brown, 16"
607020	6972422	548200	6880000	ACT, SAND, Loc, A, Brown, 2"
607019	6972423	548200	6879950	ACT, SAND, Loc, A, B's, 4"
607018	6972424	548200	6879900	SEEP, SILT, Loc, A, Grey Black, 6"
P61	6972425	548100	6880800	act, SAND, Loc, B, Brown, 12"
P63	6972426	548100	6880350	act, SAND, Loc, A, Brown 2"
P65	6972427	548100	6879900	SEEP, SAND, Loc, C, Brown, 33"
A001	H193596	548058	6880550	SWAMP, ORG, All, A, Black, 5"
A002	H193597	548050	6880500	Act, SAND, Loc, B, Brown, 3"
A003	H193598	548060	6880450	Act, SAND, Loc, A, Black, 5"
A004	H193599	548050	6880400	Act, silt, Loc, B, Brown, 4"
A005	H193600	548050	6880350	Act, SAND, Loc, B, Brown, 3"
A006	H193601	548050	6880300	SEEP, SAND, All, B, Brown, 6"
A007	H193602	548150	6880550	SEEP, silt, Loc non, Brown, 8"
A008	H193603	548150	6880500	Act, silt, Loc, C, Grey, 6"
A009	H193604	548150	6880450	Act, silt, Loc, C, Grey, 2"
A010	H193605	548150	6880400	Act, SAND, Loc, B, Brown, 15"
A011	H193606	548150	6880350	Act, SAND, Loc, A, Brown, 22"
A012	H193607	548150	6880300	SEEP, SAND, all, B, Black, 30"
F003	H193608	0548001	6880778	outcrop Pink orange quartz
F004	H193609	0548153	6880550	outcrop quartz 1/4 THick Black veins
F005	H193610	0548249	6880476	Act, SAND, Loc, B, Brown, 12"
F006	H193611	0548399	6880300	Act, SAND, Loc, A, Brown, 10"
F007	H193612	0548428	6880240	Heavy Layered crystaline rock.
F008	H193613	0548506	6880557	Seep, SAND, Loc, B, Brown, 10"
F009	H193614	0548495	6880555	outcrop quartz Black nodules.
F010	H193615	0548707	6880613	outcrop vein, green

MEMOS RE PUPILS | GENERAL MEMOS

TIME MONTH DAY DATE

F011	H193616	0548803	6880586	outcrop, iron with Gold speco.
F012	H193617	0548801	6880586	outcrop, iron heavy, silver specs
F013	H193618	0548901	6879978	outcrop view, heavy iron
F014	H193619	0548904	6880065	outcrop view, HEAY iron
G04018	H193620	547900	6879900	act, sand, loc, B, GREY, 30"
G04019	H193621	547900	6879950	act, sand, loc, B, Brown 20"
G04020	H193622	547900	6880000	act, sand, loc, B, GREY, 15"
G04021	H193623	547900	6880050	SEEP, silt, loc, non Black, 33"
G04022	H193624	547900	6880100	Act, sand, loc, B, Brown, 2"
G04023	H193625	547900	6880150	Act, sand, loc, C, Yellow, 25"
G04024	H193626	547900	6880200	Act, sand, loc, C, Brown, 8"
G04025	H193627	547900	6880250	Act, sand, loc, B, GREY, 2"
G04026	H193628	547900	6880300	SEEP, sand, coll, non, Grey, 8"
G04027	H193629	547900	6880350	Act, sand, loc, C, BR, 6"
G04028	H193630	547900	6880400	SEEP, Sand, coll, non, Grey, 15"
G04029	H193631	547900	6880450	Act, sand, loc, C, Brown, 6"
G04030	H193632	547900	6880500	SEEP, sand, Coll, non, Black, 4"
G04031	H193633	547900	6880550	Act, sand, loc, C, Brown, 14"
G04032	H193634	547900	6880600	Act, Sand, loc, C, Yellow, 16"
G04033	H193635	547900	6880650	Act, sand, loc, B, Brown, 8"
G04034	H193636	547900	6880700	Act, sand, loc, B, Brown, 6"
G04035	H193637	547900	6880750	Swamp, organic, coll, non, Black, 6"
G04036	H193638	547900	6880800	Act, sand, All, B, Brown, 7"
G05009	H193639	548000	6879950	Act, sand, loc, A, Brown, 1"
G05010	H193640	548000	6879500	Act, sand, loc, C, Brown, 7"
G05011	H193641	548000	6879550	Act, sand, loc, B, Brown, 4"
G05012	H193642	548000	6879600	Act, sand, loc, C, Brown, 14"

MEMOS RE PUPILS

GENERAL MEMOS

TIME MONTH DAY DATE

605013	H193643	548000	6879650	Swamp, SA, All, non, Black, 3"
605014	H193644	548000	6879700	Act, sand, loc, B, Brown, 2"
605015	H193645	548000	6879750	Act, sand, loc, B, Brown, 10"
605016	H193646	548000	6879800	Act, sand, loc, B, Brown, 10"
605034	H193647	548000	6880700	Swamp, sand, coll, non, Red, 8"
605035	H193648	548000	6880750	Seep, sand, loc, non, Yellow, 10"
605036	H193649	548000	6880800	Seep, organic, all, non, Black, 3"
606009	H193650	548100	6879450	Act, sand, loc, B, Brown, 6"
606010	H193651	548100	6879500	Act, sand, loc, C, Brown, 3"
606011	H193652	548100	6879550	Seep, silt, all, B, Black, 20"
606012	H193653	548100	6879600	Act, sand, loc, C, Brown, 5"
606013	H193654	548100	6879650	Act, sand, loc, B, Brown, 5"
606014	H193655	548100	6879700	Swamp, silt, all, non, Grey, 33"
606015	H193656	548100	6879750	Act, sand, loc, B, Brown, 2"
606016	H193657	548100	6879800	Seep, silt, coll, A, Grey, 2"
606017*	H193658	548100	6879850	Act, sand, loc, B, Brown, 3"
606034	H193659	548100	6880700	Act, sand, loc, B, Brown, 5"
606035	H193660	548100	6880750	Swamp, silt, coll, non, Black, 33"
606036	H193661	548100	6880800	Act, sand, loc, B, Brown, 6"
605017*	H193662	548000	6879850	Seep, silt, loc, A, Black, 5" (67)
607034	H193663	548200	6880700	Swamp, sand, loc, B, Brown, 3"
607035	H193664	548200	6880750	Act, sand, loc, B, Brown, 26"
607036	H193665	548200	6880800	Act, sand, loc, B, Black, 12"
610022	H193666	548500	6880100	Act, sand, loc, B, Brown, 10"
610023	H193667	548500	6880150	Act, sand, loc A, Brown 12"
610024	H193668	548500	6880200	Swamp, silt non, Grey, 10"
610025	H193669	548500	6880250	Act, sand, loc, A, Grey Brown 12"

MEMOS RE PUPILS | GENERAL MEMOS

TIME MONTH DAY DATE

610026	H193670	548500	6880300	Swamp, silt, organic now Black 18"
610027	H193671	548500	6880350	Swamp, silt, organic Black+Yellow 12"
610028	H193672	548500	6880400	Act, sand, Loc, C, Brown, 6"
610029	H193673	548500	6880450	act, silt, Loc, B, Brown, 6"
610030	H193674	548500	6880500	Act, sand, Loc, B, Red, 4"
610031	H193675	548500	6880550	Act, sand, Loc, B, Brown 3"
610032	H193676	548500	6880600	Swamp, silt, Loc, now, Brown 1/2"
610033	H193677	548500	6880650	act, sand, Loc, B, Grey-Brown, 4"
610034	H193678	548500	6880700	act, Sand, Loc, B, Brown, 10"
610035	H193679	548500	6880750	Swamp, silt Black 30"
610036	H193680	548500	6880800	Act, sand, Loc, B, Black, 5"
614018	H193681	548900	6879900	Act, sand, Loc, C, Brown 5"
614019	H193682	548900	6879950	Act, sand, Loc, C, Gravel
614020	H193683	548900	6880000	Act, sand, Loc, B, Black, 5"
614021	H193684	548900	6880050	Act, sand, Loc, B, Black, 3"
614022	H193685	548900	6880100	Act, sand, Loc, B, Brown, 4"
614023	H193686	548900	6880150	Act, sand, Loc, B, Brown, 3"
614024	H193687	548900	6880200	act, silt, Loc, B, Grey, 3"
614025	H193688	548900	6880250	act, sand, Loc, B, Brown, 3"
614026	H193689	548900	6880300	act, sand, Loc, B, Brown, 3"
614027	H193690	548900	6880350	act, sand, Loc, B, Brown, 6"
615028	H193691	549000	6879900	act, sand, Loc, C, Brown, 3"
615029	H193692	549000	6879950	act, sand, Loc, C Yellow, 6"
615030	H193693	549000	6880000	act, sand, Loc, B, Grey, 33"
615031	H193694	549000	6880050	act, sand, Loc, B, Brown, 4"
615032	H193695	549000	6880100	act, sand, Loc, B, Black, 3"
615033	H193696	549000	6880150	Seep, Sand, Loc, B, Brown, 20"

MEMOS RE PUPILS

GENERAL MEMOS

TIME MONTH DAY DATE

6-15024	H193697	549000	6880200	Act, sand, Loc, B, Black, 4"
6-15025	H193698	549000	6880250	SEEP, sand, Loc, A, Brown, 33"
6-15026	H193699	549000	6880300	act, silt, loc, A, BLACK, 2"
6-15027	H193700	549000	6880350	act, sand, Loc, B, Brown, 4" (105)

MEMOS RE PUPILS

GENERAL MEMOS

Day: Date:

PERIOD	GRADE	LESSON TOPIC
		Depart FARO 0800 HRS ARRIVE MAYO FLOAT PLANE dock. 1130 HRS Depart MAYO 1200 HRS ARRIVE at Lake 1300 HRS
12 Jun	08	mishap at airport, dock + Plane knock me into River
13 Jun	08 *	Prospect south side of Lake Ground FROZEN 3". Silty sand
14 Jun	08 *	Prospect 2 creeks flowing into Lake from the west, all swamp, knee deep in mud. North creek all filled with silt mud, no rock material at all. 1st creek have to go to mountain
15 Jun	08 *	Prospect mountain on North side of Lake, Steep + cliffs. Mostly silty sand with few outcrops, which do not correspond to each other 5 samples Taken 8A001 - 8A005 Recalled Plane!
16 Jun	08	Packed up
17 Jun	08	Plane arrived at 1100 HRS arrived mayo 1300 HRS arrived FARO 1700 HRS
30 Jun	08 *	Prospect Trail to the quad claims, heavy glacial till enroute. 1 sample Take 8T001
01 Jul	08 *	Continued further on Trail no samples available due to whole west side of mountain is glacial till. Advanced as far as Jim's Hill
16 Jul	08 *	Prospect Trail Rivers still too High to cross 8T002 - 8T007

MEMOS

Day: Date:

PERIOD	GRADE	LESSON TOPIC
21 Sept 08	*	soil sample 610 21-36 cliff 18-22 too dangerous.
22 Sept 08	*	Stacked 87, 88
23 Sept 08	*	soil sampled 614 + 15 claims 87, 88

MEMOS

VA08152145 - Finalized
CLIENT : " James"
# of SAMPLES : 9
DATE RECEIVED : 2008-10-15 DATE FINALIZED : 2008-11-05
PROJECT : "PRESIDENT"
CERTIFICATE COMMENTS : "ME-MS41:Gold determinations by this method are semi-quantitative due
PO NUMBER : " "

SAMPLE DESCRIPT	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm
F003	0.16	0.39	9.2	<0.2	<10	30	0.55	1.18
F004	0.02	3.54	1.7	<0.2	<10	140	2.33	0.75
F007	0.03	1.91	0.2	<0.2	<10	170	0.47	0.24
F009	0.11	0.29	0.4	<0.2	<10	30	0.48	12.3
F010	0.1	4.56	<0.1	<0.2	<10	70	2.21	0.78
F011	0.24	1.39	0.7	<0.2	<10	30	3.81	185.5
F012	1.08	6.95	<0.1	<0.2	<10	20	42.4	658
F013	0.05	1.3	0.3	<0.2	<10	10	0.89	3.53
F014	0.37	6.11	<0.1	<0.2	<10	80	42.9	108.5

e to the small sample weight used (0.5g). "

ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Ga ppm
0.14	0.07	5.41	0.6	4	2.2	4.1	0.41	1.1
2.37	0.09	103	17.1	59	8.04	8.4	4.15	16.9
0.11	0.02	59.2	9.1	40	10.15	15.6	3.23	9.09
0.07	0.02	4.6	0.7	8	0.54	6	0.4	1.22
2.7	0.06	122	13.4	48	4.94	67.4	2.54	14.55
1.46	0.15	5.37	5.2	3	0.96	57.7	4.09	11.95
4.37	<0.01	2.84	12.4	4	5.7	333	5.39	62.5
1.04	0.03	10.3	2.6	12	1.33	21.5	1.82	3.8
4.07	<0.01	25.3	15.2	18	15.35	286	4.18	34.5

ME-MS41 Ge ppm	ME-MS41 Hf ppm	ME-MS41 Hg ppm	ME-MS41 In ppm	ME-MS41 K %	ME-MS41 La ppm	ME-MS41 Li ppm	ME-MS41 Mg %	ME-MS41 Mn ppm
<0.05	0.04	<0.01	<0.005	0.24	2.6	1.3	0.02	114
0.09	0.05	<0.01	0.049	0.49	54.1	89.2	2.43	1075
0.06	0.02	<0.01	0.021	0.86	29.3	116.5	0.74	347
0.06	0.02	0.01	<0.005	0.16	2.2	2.5	0.03	57
0.15	0.06	0.01	0.034	0.22	57	28.1	0.77	223
0.89	0.08	0.39	0.222	0.01	1.8	9.4	0.59	1400
0.48	0.06	0.04	0.075	0.02	1.2	16.5	0.18	609
0.07	<0.02	0.01	0.008	0.03	5.2	5.1	0.06	56
0.22	0.04	0.06	0.034	0.13	12.3	44.5	0.38	504

ME-MS41 Mo ppm	ME-MS41 Na %	ME-MS41 Nb ppm	ME-MS41 Ni ppm	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm	ME-MS41 Re ppm	ME-MS41 S %
0.18	0.02	0.21	1.1	540	15.7	20.9	<0.001	0.01
0.18	0.08	0.77	57.7	940	4.2	60.1	<0.001	0.01
0.57	0.05	0.8	20.5	290	3.5	90.5	<0.001	0.01
0.27	0.05	0.51	1.5	130	9.8	14	<0.001	0.01
0.29	0.23	0.97	26	60	4.6	24.5	<0.001	0.13
0.3	0.01	2.07	1.7	180	4.1	1.1	0.002	0.82
0.39	0.32	2.96	2.2	330	4	2.2	0.002	2.88
0.6	0.09	0.75	6.2	180	2	2.8	<0.001	0.07
2.28	0.28	0.66	31.1	990	4.9	22	0.001	0.89

ME-MS41 Sb ppm	ME-MS41 Sc ppm	ME-MS41 Se ppm	ME-MS41 Sn ppm	ME-MS41 Sr ppm	ME-MS41 Ta ppm	ME-MS41 Te ppm	ME-MS41 Th ppm	ME-MS41 Ti %
0.1	0.4	<0.2	0.4	7.7	<0.01	0.03	1.4	<0.005
0.54	8.1	0.3	8.6	117.5	0.01	0.18	21.4	0.167
<0.05	5.8	0.2	2.7	7.2	<0.01	0.01	12.3	0.155
0.18	0.3	<0.2	0.8	4.4	<0.01	0.07	1.4	<0.005
<0.05	5	0.4	22.3	129.5	0.02	0.06	18.1	0.134
0.13	0.8	0.5	13.9	35.6	0.02	3.35	0.4	0.027
0.05	1.4	3.1	5.6	175	0.03	2.7	0.6	0.025
<0.05	1.4	0.2	0.9	97.6	0.01	0.07	2	0.027
<0.05	3	2.1	22.7	204	0.01	0.52	2.4	0.06

ME-MS41 Tl ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
0.13	13.55	<1	0.09	3.06	11	1.3
0.44	3.29	83	0.28	18.05	108	0.8
0.75	2.42	33	0.15	7.1	55	0.6
0.08	6.17	1	0.15	1.18	8	<0.5
0.19	3.17	32	0.38	10.7	37	1.2
0.12	0.93	5	280	4.05	42	1.3
0.04	0.99	3	23.9	2	24	1.1
<0.02	0.49	5	3.7	1.68	7	<0.5
0.16	1.82	29	35.3	2.56	31	0.9

VA08152144 - Finalized
CLIENT : " James"
# of SAMPLES : 96
DATE RECEIVED : 2008-10-15 DATE FINALIZED : 2008-11-04
PROJECT : "PRESIDENT"
CERTIFICATE COMMENTS : "ME-MS41:Gold determinations by this method are semi-quantitative due
PO NUMBER : " "

SAMPLE DESCRIPT	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm
A001	0.08	1.11	3.8	<0.2	<10	90	0.68	0.63
A002	0.03	1.43	5.4	<0.2	<10	50	0.43	0.59
A003	0.12	1.64	5.4	<0.2	<10	80	0.79	0.7
A004	0.34	1.61	4.7	<0.2	<10	80	1.02	1.54
A005	0.19	1.62	4.5	<0.2	<10	80	1.29	0.8
A006	0.31	1.68	5.6	<0.2	<10	130	1.1	1.08
A007	0.06	0.61	1	<0.2	<10	30	0.26	0.22
A008	0.02	0.55	3.2	<0.2	<10	30	0.07	0.47
A009	0.01	0.51	1	<0.2	<10	50	0.09	0.45
A010	0.12	2.08	3.4	<0.2	<10	80	0.85	0.59
A011	0.03	1.84	6.6	<0.2	<10	100	0.45	0.49
A012	0.03	1.63	4	<0.2	<10	90	0.64	0.38
G04018	0.25	1.17	33	<0.2	<10	100	0.88	0.96
G04019	0.15	1.07	16.4	<0.2	<10	100	0.9	0.89
G04020	0.17	1.54	6.4	<0.2	<10	150	0.82	1.05
G04021	0.22	1.74	19.1	<0.2	<10	160	0.89	0.63
G04022	0.14	1.14	5.7	<0.2	<10	90	0.48	0.64
G04023	0.06	1.7	9.2	<0.2	<10	100	0.59	0.44
G04024	0.38	0.86	10.2	<0.2	<10	30	0.41	0.78
G04025	0.3	1.29	5.1	<0.2	<10	120	1.34	0.51
G04026	0.14	1.37	17	<0.2	<10	100	0.82	0.42
G04027	0.1	1.32	8.8	<0.2	<10	70	0.33	0.61
G04028	0.25	1.48	4.9	<0.2	<10	90	0.64	0.33
G04029	0.04	1	4.1	<0.2	<10	50	0.27	0.37
G04030	0.3	1.22	9.1	<0.2	<10	80	0.8	0.22
G04031	0.23	2.04	12	<0.2	<10	90	0.77	0.46
G04032	0.09	1.71	6.2	<0.2	<10	140	0.65	0.51
G04033	0.04	1.58	14.8	<0.2	<10	100	0.68	0.73
G04034	0.05	1.46	8.5	<0.2	<10	70	0.67	1.05
G04035	0.13	1.88	2.6	<0.2	<10	110	0.79	0.35
G04036	0.02	0.93	8.1	<0.2	<10	50	0.25	0.75
G05009	0.09	0.53	2.1	<0.2	<10	40	0.32	0.4
G05010	0.03	1.41	8.4	<0.2	<10	80	0.38	0.67
G05011	0.07	0.99	5.5	<0.2	<10	50	0.34	0.85
G05012	0.02	1.68	6.7	<0.2	<10	90	0.7	0.81
G05013	0.3	1.76	5.2	<0.2	<10	110	1.41	0.49
G05014	0.07	1.33	5.1	<0.2	<10	70	0.35	0.77
G05015	0.03	2.07	8.9	<0.2	<10	120	0.68	0.71
G05016	0.04	2.17	7.2	<0.2	<10	100	0.79	0.85
G05017	0.21	1.62	5.1	<0.2	<10	100	1.02	0.39
G05034	0.06	1.16	6	<0.2	<10	70	0.37	0.55
G05035	0.4	1.4	5.4	<0.2	<10	110	1.48	0.5

G05036	0.27	1.48	6.3	<0.2	<10	130	1.14	0.67
G06009	0.32	1.78	9.2	<0.2	<10	100	2.22	0.69
G06010	0.04	0.96	10.6	<0.2	<10	50	0.28	0.89
G06011	0.35	1.5	11.4	<0.2	<10	120	1.42	0.45
G06012	0.08	1.77	8.3	<0.2	<10	60	0.45	0.34
G06013	0.04	2.42	7.7	<0.2	<10	90	0.85	0.66
G06014	1.92	1.93	21.4	<0.2	<10	150	2.73	5.49
G06015	0.05	0.97	3.2	<0.2	<10	50	0.22	0.43
G06016	0.11	1.01	3.3	<0.2	<10	90	0.48	0.4
G06017	0.1	3.09	9.8	<0.2	<10	110	1.31	1.61
G06034	0.04	1.84	5.1	<0.2	<10	70	0.55	0.5
G06035	0.04	0.5	0.4	<0.2	<10	30	0.14	0.04
G06036	0.03	0.5	4.6	<0.2	<10	30	0.25	0.23
G07034	0.05	1.27	4.5	<0.2	<10	60	0.38	0.37
G07035	0.06	1.48	5.8	<0.2	<10	80	0.48	0.64
G07036	0.2	1.78	6.3	<0.2	<10	130	0.89	2.34
G10022	0.13	1.62	8.3	<0.2	<10	110	0.58	0.66
G10023	0.06	1.77	11.5	<0.2	<10	200	0.55	0.43
G10024	0.2	1.62	4.9	<0.2	<10	220	0.97	0.45
G10025	0.08	1.12	7	<0.2	<10	70	0.53	0.37
G10026	0.28	0.98	2	<0.2	<10	60	1.86	0.21
G10027	0.22	1.25	1.8	<0.2	<10	110	1.07	0.43
G10028	0.04	1.13	6.3	<0.2	<10	80	0.31	0.73
G10029	0.07	1.67	5.7	<0.2	<10	110	0.54	0.28
G10030	0.04	1.1	3.6	<0.2	<10	60	0.49	0.38
G10031	0.09	0.8	1.5	<0.2	<10	40	0.48	0.3
G10032	0.05	1.3	7.8	<0.2	<10	40	0.33	0.32
G10033	0.03	0.86	5.5	<0.2	<10	50	0.27	0.72
G10034	0.14	1.18	5.4	<0.2	<10	80	0.93	0.54
G10035	0.24	2.41	4.5	<0.2	<10	140	1.92	0.7
G10036	0.04	0.73	3.4	<0.2	<10	40	0.27	1.39
G14018	0.16	1.54	10.7	<0.2	<10	100	0.93	1
G14019	0.17	1.85	6	<0.2	<10	120	0.87	0.99
G14020	0.32	1.43	106	<0.2	<10	100	1.77	0.76
G14021	0.1	1.14	10.6	<0.2	<10	130	0.74	0.7
G14022	0.09	1.14	7.6	<0.2	<10	120	0.5	0.61
G14023	0.13	1.07	3.3	<0.2	<10	80	0.37	0.4
G14024	0.03	0.85	4.5	<0.2	<10	70	0.33	0.46
G14025	0.09	1.55	6.6	<0.2	<10	90	0.59	0.51
G14026	0.15	1.46	6.7	<0.2	<10	110	0.76	0.55
G14027	0.08	1.34	6.1	<0.2	<10	110	0.48	0.39
G15018	0.71	0.94	7.5	<0.2	<10	40	0.9	1.54
G15019	0.28	2.65	4.4	<0.2	<10	60	1.49	1.26
G15020	0.29	2.03	5.3	<0.2	<10	90	2.43	3.07
G15021	0.31	1.76	10.4	<0.2	<10	100	1.57	1.08
G15022	0.26	1.53	9.9	<0.2	<10	180	1.1	0.76
G15023	0.58	1.52	8.3	<0.2	<10	130	1.79	0.75
G15024	0.1	1.42	5.6	<0.2	<10	90	1.53	0.68
G15025	0.09	1.92	7.3	<0.2	<10	100	1.13	1.25
G15026	0.07	0.92	2.8	<0.2	<10	60	0.42	0.5
G15027	0.21	1.35	6.7	<0.2	<10	100	1.66	2.64
F005	0.06	0.75	2.7	<0.2	<10	30	0.22	0.28

F006	0.7	1.2	20.4	<0.2	<10	90	1.29	1.81
F008	0.13	1.77	5.9	<0.2	<10	100	0.99	1.14

e to the small sample weight used (0.5g). "

ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Ga ppm
0.39	0.29	30.3	6	17	5.18	18.6	1.96	4.87
0.09	0.22	31.2	5.7	20	3.2	12.8	2.38	6.48
0.15	0.18	36.3	8.3	22	4.64	20.3	2.39	6.35
0.29	0.34	58.8	8.9	17	5.21	21.2	2.38	5.11
0.2	0.14	35.3	7.2	24	8.69	27.8	2.4	6.08
0.39	0.56	43.5	8.9	27	7.31	25.2	2.67	5.75
0.1	0.04	9.66	1.7	8	1.03	12.4	0.71	2.61
0.03	0.1	17.7	1.8	15	1.55	7.3	1	10.2
0.03	0.05	20.8	1	8	1.29	10.4	0.53	6.94
0.16	0.1	27.7	3.8	25	2.61	17.4	2.05	6.11
0.18	0.18	30.4	7.9	27	2.22	12.4	2.45	6.52
0.25	0.1	40.5	7.4	23	4.48	21.5	2.18	6.16
1.06	0.34	32.5	7.8	20	14.45	27.1	1.97	4.42
0.55	0.13	22.2	6.7	16	10.3	17	2.07	4.52
0.61	0.15	38	8	22	5.63	23	2.45	6.09
0.32	0.19	33.9	7.6	26	7.11	29.5	2.31	6.35
0.29	0.15	25.9	5.5	17	7.46	15.1	1.92	6.12
0.19	0.13	29.4	7.5	29	5.49	14.5	2.72	7.18
0.06	0.09	22.3	5.6	15	5.13	16	2.23	4.91
0.57	0.27	29.8	8.2	18	11	33.1	2.01	4.16
0.27	0.11	27.8	6.7	25	6.47	23.5	2.34	6
0.12	0.12	29.8	6.9	30	4.05	15.7	2.68	7.38
0.4	0.29	19.9	6.2	24	10.05	17.3	1.98	6.35
0.09	0.09	16.95	2.9	13	2.65	11.7	1.46	4.62
0.43	0.17	16.85	3.9	13	4.14	20.1	1.22	3.76
0.17	0.22	33.8	9.7	33	8.11	18	2.99	6.96
0.16	0.1	43.8	11	29	3.21	19.6	3.35	6.39
0.29	0.15	38.3	14.2	40	7.27	15.3	3.98	8.55
0.14	0.17	35.6	6.3	25	4.46	17.2	3.07	7.77
1.26	0.13	93.7	13.5	68	5.91	58.8	3.29	9.51
0.12	0.39	26.6	5.4	26	6.56	13.4	2.63	8.62
0.08	0.07	10.55	1.3	5	1.5	11.3	0.52	3.28
0.11	0.25	28.3	5.9	26	4.42	13.6	2.95	9.49
0.04	0.12	29.7	2.6	13	4.5	10.3	1.8	8.99
0.12	0.16	39.2	8.5	30	4.65	16.3	2.99	7.71
0.67	0.69	28.6	6.8	22	5.62	40.9	1.86	5.53
0.08	0.13	22.7	4.1	17	2.29	14.7	2.29	8.85
0.25	0.15	39.5	11.4	35	3.37	19.8	2.85	7.21
0.11	0.11	33.7	8.7	33	5.91	21	3.01	9.11
0.4	0.17	34.3	10.4	26	4.04	46.2	2.12	6.4
0.19	0.39	20.1	6.6	17	3.91	16.6	1.97	7.24
0.99	0.27	23.4	5.5	14	6.21	47.5	1.56	3.92

0.95	0.86	23.2	7.1	20	8.18	31.3	1.73	4.75
0.45	0.66	37.3	10.3	26	7.37	35.8	2.72	6.63
0.08	0.09	24.5	4	19	4.51	11.3	2.62	11.2
0.61	0.17	29.6	6.8	27	6.96	33.1	2.05	5.29
0.15	0.2	25.9	6.4	35	3.14	12.7	3.25	8.1
0.16	0.27	32.7	7.8	35	3.57	17.8	2.91	7.1
0.69	3.27	43.9	9.1	35	11.9	39.4	2.82	6.11
0.06	0.12	24.2	2.5	17	3.01	16.1	1.44	8.49
0.29	0.28	23.9	5	23	5.46	18	1.66	5.75
0.2	0.23	49.7	11.4	55	8.28	20.8	5.27	16.15
0.11	0.23	24.8	6.1	33	4.56	16.5	3.11	10.7
0.26	0.17	6.57	2.7	3	0.14	17.2	0.34	2.39
0.07	0.04	19.45	2.1	8	5.27	5.7	0.97	2.95
0.16	0.2	23.2	4.8	22	2.26	10.5	2.01	6.1
0.16	0.12	33.5	6.6	26	2.93	12.5	2.67	6.87
0.37	0.33	29.4	9.1	31	5.18	19.2	2.66	7.28
0.13	0.29	45.2	9.7	22	2.23	12.6	3.25	6.99
0.11	0.24	40.1	7.3	25	2.01	12.7	3.39	7.68
0.29	0.18	43.7	6.7	24	2.37	24.5	2.32	6.05
0.07	0.25	30.4	5	20	4.88	12.8	2.08	6.55
0.19	0.08	36	2.5	10	2.23	24.4	0.82	2.98
0.13	0.15	48.2	5	16	2.99	43.1	1.91	4.75
0.05	0.09	36.3	3.8	18	4.16	10.2	1.98	8.35
0.16	0.14	26.6	6.3	27	2.34	10.8	2.1	6.45
0.11	0.13	32.2	4.3	13	1.75	14.1	1.68	4.86
0.08	0.11	16.15	6.6	9	1.41	12.8	1.8	2.66
0.09	0.15	20	4	21	2.6	12.9	2.02	6.8
0.04	0.08	27.6	2.8	11	2.27	10.2	2.02	9.42
0.41	0.24	42.6	5.7	15	4.68	14.5	1.88	4.32
1	1.39	44.5	10.8	29	4.72	26.6	2.4	7.6
0.11	0.16	17.35	2.6	10	1.88	11.5	1.26	7.44
0.25	0.15	43.5	9.8	28	3.87	17.3	2.77	6.52
0.65	0.3	34.2	13	35	3.66	22.6	3.03	7.7
1.38	0.25	39.9	13.7	30	8.49	50.5	2.48	5.49
0.59	0.23	30	8	22	3.41	15	2.44	5.58
0.19	0.15	30.1	7.9	25	3.08	13.9	2.63	6.95
0.45	0.32	29.5	8	23	3.09	22.5	2.52	6.65
0.1	0.17	26.7	3.6	18	2.98	8.2	1.65	6.29
0.22	0.16	32.3	9	27	2.93	22.8	2.45	6.63
0.24	0.27	28.1	12.3	42	4.87	28.3	2.77	6.62
0.13	0.11	27.9	6.3	22	2.47	47.6	2.09	6.8
0.06	0.11	23.6	4.6	16	11.4	10.6	2.07	6.7
0.17	0.24	66.6	35.8	38	8.05	57.8	7.2	8.97
0.39	1.73	41.9	9.6	36	11.2	54	3.33	7.59
0.24	0.17	67.3	13.3	29	6.24	24.6	3.02	6.59
0.45	0.16	35.1	13.3	31	3.84	18.4	3.39	6.87
0.32	0.09	34.2	10.1	25	7.53	23	2.63	6.15
0.23	0.13	31.7	9.2	24	4.18	18.6	2.43	6.77
0.36	0.32	36	11.9	32	6.19	24.9	2.96	7.77
0.18	0.39	16.55	5.2	19	2.05	7.8	1.38	4.85
1.77	2.21	31.7	7.5	22	4.44	16.5	2.08	5.16
0.08	0.1	14.35	3.5	12	2.7	14.8	1.39	5.05

0.13	0.23	19.8	6	19	3.59	16.6	2.15	5.04
0.17	0.27	37.3	13.1	26	3.73	21.3	2.59	6.53

ME-MS41 Ge ppm	ME-MS41 Hf ppm	ME-MS41 Hg ppm	ME-MS41 In ppm	ME-MS41 K %	ME-MS41 La ppm	ME-MS41 Li ppm	ME-MS41 Mg %	ME-MS41 Mn ppm
<0.05	0.02	0.02	0.019	0.06	17.7	21	0.31	409
<0.05	<0.02	0.04	0.022	0.05	14.8	17.1	0.26	257
<0.05	<0.02	0.04	0.022	0.06	22	24.5	0.38	358
<0.05	<0.02	0.03	0.026	0.08	21.7	25.8	0.33	678
<0.05	<0.02	0.03	0.028	0.07	19	29.2	0.35	402
<0.05	0.02	0.04	0.031	0.07	20.9	43.5	0.54	501
<0.05	<0.02	0.02	<0.005	0.02	4.8	2.3	0.06	55
<0.05	<0.02	0.02	0.006	0.02	9.2	1.7	0.05	46
<0.05	<0.02	0.01	<0.005	0.02	10.8	1.3	0.03	22
<0.05	<0.02	0.06	0.035	0.04	14.4	19.4	0.25	144
<0.05	0.02	0.02	0.027	0.06	14.6	17.9	0.44	301
<0.05	<0.02	0.03	0.022	0.06	19	35.2	0.4	299
<0.05	0.03	0.04	0.029	0.09	16.5	23.8	0.4	476
<0.05	<0.02	0.02	0.017	0.06	11.3	19.5	0.28	336
<0.05	0.02	0.02	0.034	0.1	19.5	33.3	0.47	434
<0.05	0.02	0.03	0.028	0.07	18.5	21.6	0.43	329
<0.05	<0.02	0.02	0.016	0.05	12.9	17.7	0.28	274
<0.05	0.02	0.01	0.024	0.07	13.8	20.7	0.5	301
<0.05	<0.02	0.02	0.011	0.05	11	11.3	0.17	193
<0.05	0.02	0.03	0.014	0.09	25	28.7	0.3	589
<0.05	<0.02	0.02	0.021	0.06	14.6	15	0.36	387
<0.05	0.02	0.03	0.024	0.09	15	20.8	0.48	278
<0.05	<0.02	0.03	0.017	0.05	11.3	24.6	0.33	525
<0.05	<0.02	0.02	0.012	0.03	8.5	10.2	0.13	116
<0.05	0.03	0.03	0.007	0.03	11	12.7	0.18	313
<0.05	0.02	0.02	0.027	0.08	16.3	23.2	0.51	402
<0.05	<0.02	0.02	0.027	0.06	21	24.6	0.41	372
<0.05	<0.02	0.02	0.029	0.07	17.6	36.5	0.5	928
<0.05	0.03	0.03	0.022	0.06	17	20.8	0.3	252
0.07	0.05	0.03	0.017	0.12	56.7	41.8	1.08	299
<0.05	0.03	0.02	0.021	0.07	12.7	13	0.28	193
<0.05	<0.02	0.01	<0.005	0.02	5.5	2.3	0.05	25
<0.05	0.03	0.02	0.023	0.07	12.8	19.5	0.34	270
<0.05	0.02	0.02	0.018	0.04	15.6	6.4	0.1	109
<0.05	0.02	0.02	0.021	0.14	19.5	46.4	0.54	303
<0.05	0.03	0.04	0.019	0.05	29.8	23.3	0.31	478
<0.05	0.02	0.04	0.019	0.04	12.2	17.1	0.18	146
0.05	0.03	0.02	0.028	0.1	18.6	25.3	0.66	412
<0.05	0.02	0.02	0.029	0.08	17	38.2	0.5	278
<0.05	0.02	0.04	0.024	0.06	23.3	29.8	0.38	347
<0.05	0.02	0.03	0.017	0.06	9.7	7.7	0.18	316
<0.05	0.06	0.07	0.015	0.04	23.8	11.2	0.16	196

<0.05		0.03	0.03	0.02	0.06	18	24.6	0.33	458
	0.05	0.03	0.05	0.032	0.06	36.5	40.2	0.49	640
<0.05		0.02	0.02	0.018	0.06	12.9	9.4	0.2	157
<0.05		0.03	0.05	0.027	0.04	28.7	25.9	0.34	562
<0.05		0.03	0.03	0.028	0.06	13.4	18.2	0.44	269
<0.05		0.03	0.03	0.034	0.08	16.6	28.3	0.48	258
	0.06	0.03	0.06	0.039	0.06	39.1	37.6	0.51	264
<0.05		0.03	0.02	0.014	0.03	12.7	9	0.11	71
<0.05	<0.02		0.02	0.016	0.09	12.5	16.5	0.27	200
<0.05		0.04	0.04	0.048	0.13	25.8	50.3	0.75	572
<0.05		0.02	0.04	0.027	0.07	11.8	21.8	0.33	265
<0.05		0.04	0.01	<0.005	0.01	3.2	1.3	0.05	35
<0.05	<0.02	<0.01		0.005	0.04	9.9	1.4	0.03	155
<0.05	<0.02		0.03	0.022	0.06	11.2	12.8	0.33	198
<0.05	<0.02		0.02	0.027	0.07	16.2	20.4	0.44	364
<0.05	<0.02		0.02	0.03	0.08	13.5	24.3	0.54	595
	0.06	0.02	0.03	0.034	0.07	16.2	20.1	0.4	544
<0.05		0.02	0.03	0.039	0.06	17.2	18	0.38	372
<0.05	<0.02		0.03	0.033	0.05	24.1	25.3	0.43	303
<0.05	<0.02		0.02	0.017	0.06	15.2	16.5	0.25	167
<0.05	<0.02		0.07	0.011	0.02	24.4	4.1	0.06	52
<0.05	<0.02		0.05	0.017	0.06	25.7	21.3	0.23	77
<0.05		0.02	0.02	0.019	0.17	18.4	18.2	0.33	135
<0.05	<0.02		0.03	0.021	0.05	13.3	15	0.37	242
<0.05	<0.02		0.02	0.017	0.04	16.7	16.6	0.22	168
<0.05	<0.02		0.06	0.014	0.03	7	7.6	0.09	461
<0.05	<0.02		0.02	0.018	0.03	10.1	10.1	0.23	170
<0.05		0.02	0.03	0.017	0.04	14	7.2	0.11	113
	0.05	<0.02	0.02	0.037	0.06	22.8	32.9	0.29	280
	0.05	0.03	0.07	0.044	0.04	25.8	41.1	0.43	710
<0.05	<0.02		0.03	0.012	0.03	8.9	4	0.08	87
<0.05	<0.02		0.04	0.026	0.07	19.3	28.8	0.51	433
<0.05		0.02	0.1	0.034	0.12	14.9	39.4	0.64	858
<0.05		0.03	0.06	0.027	0.08	26.7	37.1	0.47	496
<0.05	<0.02		0.03	0.027	0.06	14	19.3	0.37	422
<0.05	<0.02		0.03	0.03	0.08	13.4	18.3	0.42	474
<0.05	<0.02		0.06	0.023	0.13	13.5	21.4	0.28	273
<0.05	<0.02		0.02	0.021	0.04	13.5	9.2	0.15	109
<0.05	<0.02		0.02	0.033	0.06	15.6	18.5	0.48	330
<0.05	<0.02		0.04	0.035	0.09	14.4	22.3	0.46	510
<0.05	<0.02		0.02	0.026	0.05	13.4	10.3	0.29	291
<0.05	<0.02		0.07	0.013	0.08	11.7	9.2	0.13	272
	0.07	0.02	0.02	0.034	0.09	33.3	87.1	1.07	967
	0.05	0.03	0.05	0.183	0.09	38.9	50.1	0.9	259
	0.05	0.03	0.04	0.035	0.11	33.1	40.1	0.63	341
<0.05	<0.02		0.04	0.03	0.09	18.6	32	0.53	1080
<0.05	<0.02		0.04	0.034	0.06	23	25.7	0.44	542
<0.05	<0.02		0.02	0.041	0.05	19.3	22.5	0.43	599
<0.05	<0.02		0.04	0.063	0.09	18	26.9	0.6	712
<0.05	<0.02		0.02	0.071	0.04	8.4	10.9	0.24	397
<0.05		0.03	0.06	0.249	0.07	16.2	34.3	0.67	774
<0.05	<0.02		0.03	0.018	0.04	7.4	7.9	0.16	97

<0.05	<0.02	0.07	0.019	0.06	9.7	17.7	0.23	247
<0.05	<0.02	0.03	0.029	0.07	17.5	26.7	0.39	492

ME-MS41 Mo ppm	ME-MS41 Na %	ME-MS41 Nb ppm	ME-MS41 Ni ppm	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm	ME-MS41 Re ppm	ME-MS41 S %
1.65	0.02	0.99	16	670	18.6	13.5	<0.001	0.09
1.31	<0.01	1.3	13.6	550	16.7	13	<0.001	0.05
1.64	0.01	1	19.1	830	19.1	13	<0.001	0.05
2.74	0.02	1.21	21.5	810	67.4	13.4	<0.001	0.05
2.31	0.02	1.17	22.5	720	21	16	<0.001	0.06
1.73	0.01	1.38	26	630	72.4	15	<0.001	0.05
1.01	0.02	0.25	6	660	10.2	3.7	<0.001	0.04
1.58	<0.01	3.06	7.1	160	13.2	5.3	<0.001	0.02
0.89	<0.01	1.55	3.3	110	10.6	5.5	<0.001	0.01
1.67	0.01	1.24	13.8	960	18.4	8.6	<0.001	0.07
1.07	0.01	2.28	17.9	550	13.3	11.8	<0.001	0.02
1.78	0.01	1.44	23.4	560	15.5	12.2	<0.001	0.04
1.25	0.02	1.49	20	560	18.2	15.4	<0.001	0.07
2.37	0.02	1.05	15.2	560	20.3	16.6	<0.001	0.05
1.79	0.02	1.88	20	570	22.1	20.4	<0.001	0.05
1.68	0.02	1.19	19.9	870	16	13.8	<0.001	0.06
0.94	0.01	1.08	11.9	310	16.6	15.6	<0.001	0.03
1.14	0.01	2.07	19.1	300	17.9	13.3	<0.001	0.03
0.86	0.01	0.85	15.5	340	17.9	11.2	<0.001	0.03
0.61	0.02	0.94	27.4	810	11	19.4	<0.001	0.07
1.62	0.01	0.71	20.6	790	15.7	13	<0.001	0.05
1.33	0.01	1.92	19.2	470	15.4	14.7	<0.001	0.04
1.65	0.02	0.97	15.8	570	9.8	13.4	<0.001	0.06
0.83	0.01	1.16	7.4	420	8.6	5.9	<0.001	0.02
0.55	0.02	0.62	11.6	980	5.5	4.6	<0.001	0.08
1.16	0.01	2.39	22	390	20.7	17.3	<0.001	0.02
1.12	0.01	1.94	26.5	440	17.7	13.2	<0.001	0.02
1.47	0.01	2.44	24.3	810	16.8	20.4	<0.001	0.03
1.5	0.01	2.58	16.4	470	19.8	12.1	<0.001	0.03
0.7	0.03	15.3	31	1540	5.4	12.7	<0.001	0.09
1.82	0.01	2.64	17.2	320	14.6	22.5	<0.001	0.04
0.48	0.02	0.33	3.6	330	6.8	5.4	<0.001	0.02
1.55	0.01	3.33	15.9	410	20.2	16.4	<0.001	0.02
1.72	<0.01	2.66	7.9	210	20.7	11.1	<0.001	0.02
1.05	0.01	3.04	22.8	590	20.7	19.7	<0.001	0.02
1.15	0.02	1.22	20	700	24.1	11.6	0.001	0.08
1.22	<0.01	3.15	12.5	340	14.2	12.8	<0.001	<0.01
0.98	<0.01	2.4	28.9	780	15.4	19.2	<0.001	<0.01
1.32	<0.01	3.44	23.3	300	20	21.6	<0.001	<0.01
1.04	0.01	1.48	34.4	580	12.8	14.9	<0.001	0.02
1.52	0.01	1.51	14.3	510	12.9	19	<0.001	0.05
1.03	0.01	0.72	14.2	1340	14.3	10.8	<0.001	0.14

1.77	0.02	0.95	21.6	950	17.7	13.8	<0.001	0.07
2.36	0.01	1.51	18.5	1020	34	10.3	<0.001	0.06
1.66	<0.01	3.16	11.7	370	15.7	12.8	<0.001	<0.01
1.62	0.02	1.11	20.5	840	14.6	8.8	<0.001	0.09
1.6	0.01	2.87	16.6	420	14.2	12.2	<0.001	0.03
1.42	0.01	3	20.8	540	32.3	15.3	<0.001	0.03
2.45	0.03	1.35	24.7	1150	355	14.1	0.001	0.22
1.16	0.01	3.01	7.7	250	14.7	7.5	<0.001	0.03
1	0.02	1.1	14.9	400	10.7	27.1	<0.001	0.04
2.97	0.02	5.38	27	840	40	36.4	<0.001	0.05
1.54	0.01	2.36	14.5	400	13.8	21.8	<0.001	0.05
1.22	0.03	0.43	4.7	560	1.3	0.7	<0.001	0.11
1.36	0.01	0.39	4.9	400	6.4	6.9	<0.001	0.03
1.3	0.01	1.09	13.5	660	11.5	12.4	<0.001	0.05
1.52	0.01	1.33	15	580	20.4	15.3	<0.001	0.03
1.73	0.01	1.08	18.5	750	50.5	21.6	<0.001	0.06
1.88	0.01	1.95	16.9	630	23.1	15.5	<0.001	0.03
1.55	0.01	2.2	14.7	570	20	9.6	<0.001	0.03
1.12	0.02	1.1	17.2	700	16	11.8	<0.001	0.03
1.52	0.01	1.25	14.4	370	12.7	12.3	<0.001	0.02
0.74	0.02	0.27	12.5	800	12.6	3.9	<0.001	0.11
1.19	0.01	0.74	18.5	790	12.5	9.5	<0.001	0.13
2.65	0.01	3.1	10	210	11.4	22	0.001	0.02
1.09	0.01	1.37	14.4	560	12.8	11.4	<0.001	0.03
0.83	0.01	1.31	9.3	490	17.5	7.9	<0.001	0.03
0.51	0.02	0.36	9.7	490	14.9	4.4	<0.001	0.04
1.08	0.01	0.97	9.7	520	9.8	9.2	<0.001	0.05
1.81	0.01	2.08	7.8	240	11.8	9.9	<0.001	0.02
1.34	0.01	1.01	14.2	650	17.1	8.7	<0.001	0.03
12.4	0.03	1.68	17.7	1360	12.9	9.3	0.001	0.15
3.06	<0.01	1.2	8	420	8.7	7.7	<0.001	0.02
1.09	<0.01	1.24	25.6	660	21	17.7	<0.001	0.02
1.3	0.01	1.44	29.3	1120	19	23.1	<0.001	0.1
1.03	0.02	1.58	43.4	880	13.6	15.1	<0.001	0.06
1.36	<0.01	1.01	20.1	730	18.3	15.9	<0.001	0.04
1.37	<0.01	1.08	19.4	620	16.2	20.5	<0.001	0.03
1.03	0.01	1.04	21.2	2150	10.3	19.4	<0.001	0.07
1.04	<0.01	1.37	10.9	340	10.1	8.1	<0.001	0.01
1.2	0.01	1.07	23.9	830	14	13.3	<0.001	0.03
3.07	0.01	0.83	32.9	940	19.5	18.5	<0.001	0.07
1.73	0.01	0.57	17	930	13.5	10.9	<0.001	0.07
1.52	<0.01	1.62	12.4	280	30.4	22.1	<0.001	0.01
1.31	<0.01	0.54	81.1	550	42.9	15.1	<0.001	<0.01
0.74	<0.01	1.36	37.8	660	16.6	18.5	0.001	0.06
1.33	<0.01	1.56	29.5	750	22.2	23.4	<0.001	0.01
2.15	<0.01	0.91	26.8	1040	18.4	25.5	<0.001	0.08
1.63	<0.01	0.76	21.8	830	23.1	13.8	<0.001	0.06
1.08	<0.01	0.91	19.5	640	16.3	14.3	<0.001	0.03
1.25	0.01	1.01	25.1	850	14.1	17.5	0.001	0.03
1.06	0.01	0.69	12.5	620	7	8.7	<0.001	0.02
0.88	0.01	1.14	16.9	860	15.4	19.7	<0.001	0.06
1.27	0.01	0.62	8.8	440	7.8	8	<0.001	0.03

1.51	<0.01	1.1	16.8	560	39.8	17.8	<0.001	0.02
1.47	<0.01	1.21	26.4	850	22.4	12.1	<0.001	0.02

ME-MS41 Sb ppm	ME-MS41 Sc ppm	ME-MS41 Se ppm	ME-MS41 Sn ppm	ME-MS41 Sr ppm	ME-MS41 Ta ppm	ME-MS41 Te ppm	ME-MS41 Th ppm	ME-MS41 Ti %
0.27	1.2	0.2	0.6	29.9	<0.01	0.05	0.4	0.04
0.39	1	0.3	0.8	8.3	<0.01	0.05	0.4	0.047
0.41	1.3	0.4	0.8	12	<0.01	0.04	0.4	0.042
0.41	1.9	0.4	0.8	24.4	0.01	0.11	1.5	0.048
0.39	1.5	0.2	1.2	20.3	0.01	0.06	0.5	0.05
0.34	2.5	0.6	0.7	29.8	<0.01	0.05	1.2	0.061
0.11	0.4	<0.2	0.2	10.1	<0.01	0.02	<0.2	0.023
0.47	1	<0.2	1.8	5.3	<0.01	0.03	0.5	0.138
0.32	0.7	<0.2	1.2	5.9	<0.01	0.01	0.4	0.084
0.28	0.8	0.5	0.9	16.7	0.01	0.03	<0.2	0.033
0.36	3.2	0.3	0.8	15.9	0.01	0.06	3.6	0.077
0.32	2	0.3	0.8	21.1	<0.01	0.04	0.8	0.06
2.16	2.1	0.7	0.7	58.2	0.01	0.05	1.6	0.048
1.44	1.4	0.2	0.5	31.3	<0.01	0.03	0.7	0.034
0.87	2.9	0.2	1.6	36.9	<0.01	0.07	3.2	0.048
4.19	1.8	0.5	1.1	28.2	<0.01	0.04	0.7	0.041
0.36	1.3	0.2	0.8	26.3	<0.01	0.03	0.4	0.042
0.43	2.8	0.2	0.8	18.6	<0.01	0.03	1.5	0.077
0.51	0.9	<0.2	0.7	6.3	<0.01	0.04	0.4	0.041
0.78	1.6	0.3	0.5	42.2	<0.01	0.02	0.5	0.043
1.1	1	0.3	0.6	22.9	<0.01	0.03	0.2	0.036
0.46	2.3	0.3	0.9	11.8	<0.01	0.05	1.1	0.072
0.35	1.2	0.5	0.6	28.1	<0.01	0.03	0.2	0.045
0.25	1.2	0.2	0.6	9.1	<0.01	0.03	0.6	0.039
0.21	1	0.4	0.3	30.1	0.01	0.02	0.3	0.033
0.48	3.7	0.3	0.8	16.8	0.01	0.03	3.3	0.079
0.36	3.5	0.3	0.8	14.7	0.01	0.04	4.6	0.059
0.57	2.6	0.2	1	21.6	<0.01	0.06	1.5	0.076
0.56	2	0.3	1.1	14.2	0.01	0.06	2.5	0.068
0.27	4.8	0.8	1	58.6	0.01	0.04	5.7	0.22
0.69	1.9	0.3	1.1	13.5	<0.01	0.04	0.9	0.099
0.16	0.4	<0.2	0.4	13.3	<0.01	0.01	<0.2	0.023
0.55	2.8	0.2	1.2	11.5	<0.01	0.04	3.6	0.114
0.46	1.5	0.2	1.4	5.7	<0.01	0.05	3.5	0.067
0.65	3.4	0.3	1	7.5	0.01	0.05	5.3	0.092
0.43	2	0.6	0.6	41.5	0.01	0.02	0.5	0.049
0.34	1.7	0.2	1.4	10.7	0.01	0.04	2.8	0.065
0.46	4	0.3	0.9	15	0.01	0.04	5	0.092
0.34	3.7	0.3	1.2	11	0.01	0.04	5.6	0.086
0.24	2.5	0.3	0.7	28.2	0.01	0.02	1.1	0.065
0.56	1.2	0.3	0.9	16.4	<0.01	0.04	0.3	0.058
0.47	1.4	1.3	0.5	56.1	0.01	0.03	0.9	0.02

0.25	1.7	0.5	0.6	62	<0.01	0.03	0.6	0.037
0.5	2.9	0.9	0.8	28.4	0.01	0.03	1.6	0.065
0.92	2.1	0.3	1.2	8.4	<0.01	0.04	2.5	0.122
0.5	1.7	0.8	0.6	39.7	0.01	0.03	0.7	0.04
0.46	3.1	0.3	0.8	12.9	0.01	0.05	3.1	0.099
0.68	3.8	0.4	0.9	12.2	0.01	0.04	5.1	0.083
2.06	3	1.4	0.9	42.1	0.01	0.1	1.1	0.054
0.43	1.6	0.2	1.6	7.7	0.01	0.02	1.6	0.116
0.28	1.3	<0.2	0.7	19.5	<0.01	0.03	0.3	0.057
0.66	4.7	0.3	2.4	17.9	0.01	0.08	4	0.158
0.5	2.2	0.3	1.2	13.8	<0.01	0.04	0.8	0.088
0.09	0.5	0.2	0.3	17.2	0.01	0.01	0.3	0.037
0.35	0.4	<0.2	0.5	7.4	<0.01	0.03	0.3	0.021
0.31	1.2	0.2	0.7	12.4	<0.01	0.03	0.4	0.055
0.39	2	0.2	0.8	14.5	<0.01	0.04	0.9	0.06
0.35	1.6	<0.2	0.9	28.5	<0.01	0.1	0.4	0.051
0.65	3.2	0.3	1.1	11	0.01	0.06	4.7	0.067
0.58	2.8	0.4	0.9	9.2	0.01	0.04	3.1	0.077
0.37	1.6	0.3	0.9	22.9	<0.01	0.03	0.4	0.041
0.36	1.7	0.2	0.8	6.8	<0.01	0.02	1.6	0.056
0.15	0.3	0.4	0.3	15.3	<0.01	0.02	<0.2	0.008
0.24	0.7	0.4	0.6	13.6	<0.01	0.04	0.2	0.025
0.59	2.3	0.3	1.5	5.8	<0.01	0.03	5.4	0.119
0.36	2	0.3	0.7	12.3	<0.01	0.03	0.7	0.056
0.31	1.5	<0.2	2.8	9	<0.01	0.04	1.7	0.043
0.36	0.8	<0.2	0.3	10.7	0.01	0.02	0.3	0.027
0.44	1.1	0.3	0.7	9.8	<0.01	0.04	0.2	0.059
0.44	1.4	0.2	1.2	6.3	<0.01	0.05	2.8	0.052
0.44	1.8	0.3	0.6	20.3	<0.01	0.04	1.5	0.041
0.35	1.6	0.7	1.2	84.8	0.01	0.04	0.5	0.04
0.31	0.8	0.2	1.3	16.4	<0.01	0.05	0.2	0.04
0.32	2.5	0.3	0.9	17.5	<0.01	0.05	2	0.047
0.37	2.5	0.6	1	45.7	0.01	0.05	1.8	0.049
0.43	2.8	0.9	0.8	59.3	0.01	0.04	1.6	0.047
0.47	1.9	0.3	0.7	28.7	<0.01	0.08	1.1	0.039
0.52	1.7	0.2	0.9	13.9	<0.01	0.04	0.7	0.056
0.27	1.2	0.5	0.7	15.7	<0.01	0.03	0.4	0.05
0.36	1.4	0.2	1.3	8.8	<0.01	0.04	1.1	0.06
0.39	1.9	0.4	0.8	16.2	<0.01	0.04	0.8	0.054
0.4	1.4	0.4	0.7	20	<0.01	0.04	0.3	0.043
0.45	0.7	0.4	0.8	17.4	<0.01	0.04	<0.2	0.023
0.61	1.4	0.3	0.9	7	<0.01	0.05	1.6	0.04
0.13	2.7	0.4	0.5	9.8	0.01	0.07	12	0.02
0.26	5.1	0.7	1.4	20.7	0.01	0.04	8.2	0.035
0.35	3.3	0.3	0.9	14.8	<0.01	0.04	10.5	0.043
0.32	2.3	0.4	1	29.7	<0.01	0.05	2	0.03
0.35	1.9	0.5	0.8	25.6	<0.01	0.05	0.8	0.032
0.39	1.9	0.4	1	18.5	<0.01	0.06	0.8	0.043
0.39	2.6	0.5	0.9	26.3	<0.01	0.11	0.8	0.064
0.16	1.2	0.2	0.6	16.1	<0.01	0.02	0.3	0.041
0.25	2.2	0.4	0.9	111.5	<0.01	0.12	1.4	0.039
0.25	0.8	0.3	0.5	8.9	<0.01	0.03	<0.2	0.039

1.15	1.2	0.5	0.6	10.7	0.01	0.06	0.5	0.023
0.41	2.2	0.4	0.9	13.9	0.01	0.08	1.1	0.048

ME-MS41 Tl ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
0.09	12.75	33	0.38	11.25	97	0.6
0.11	1.96	39	0.67	4.49	59	<0.5
0.14	10.45	40	0.41	8.22	67	<0.5
0.1	28.7	35	0.64	10.9	126	<0.5
0.16	14.1	36	0.64	8.04	73	<0.5
0.13	21.4	42	0.68	13.9	224	<0.5
0.04	5.61	16	0.1	2.39	15	<0.5
0.12	1.58	74	0.25	1.54	23	0.5
0.1	1.96	36	0.13	1.71	11	<0.5
0.12	3.29	29	0.46	5.03	44	<0.5
0.15	1.26	47	0.52	5.17	56	0.6
0.14	7.2	37	0.27	6.63	59	<0.5
0.12	20	31	0.38	10.1	90	1
0.1	3.39	28	0.29	4.84	59	<0.5
0.17	5.33	35	0.59	8.14	90	0.7
0.17	21.7	41	0.5	10.3	137	<0.5
0.11	7.75	38	0.36	3.92	56	<0.5
0.13	2.69	52	0.53	4.9	62	0.6
0.09	1.49	32	0.36	2.86	43	<0.5
0.14	30.1	22	0.17	16.05	82	<0.5
0.19	12.35	41	0.45	6.75	61	<0.5
0.14	1.94	54	0.49	4.16	63	0.7
0.14	17.85	38	0.27	5.02	92	<0.5
0.1	2.4	30	0.35	2.41	23	<0.5
0.07	15.75	25	0.17	8.83	56	0.8
0.15	2.65	49	0.5	5.55	68	0.7
0.21	1.95	45	0.38	6.29	66	<0.5
0.16	1.36	65	0.48	6.62	77	<0.5
0.12	1.76	47	1.04	5.07	50	0.7
0.14	33.4	76	0.25	14.8	77	2
0.11	1.65	71	0.62	3.1	81	0.9
0.05	3.21	13	0.14	1.62	12	<0.5
0.13	1.31	65	0.48	3.48	71	1.1
0.18	1.95	53	0.5	2.7	28	0.7
0.2	1.93	43	0.55	5.68	66	0.5
0.15	66	34	0.29	18.4	93	0.7
0.14	3.47	49	0.5	2.73	39	0.9
0.18	2	50	0.54	7.35	65	0.7
0.21	1.81	53	0.57	4.53	51	0.9
0.15	17.75	40	0.34	11.35	65	0.5
0.11	1.5	44	0.44	2.89	58	0.8
0.17	73.2	19	0.18	18.5	56	1.8

0.12	33.5	26	0.34	14.15	190	0.7
0.15	47.2	39	0.2	20.9	197	0.8
0.11	2.35	81	0.95	3.23	41	0.8
0.15	46.5	36	0.35	15.1	80	0.6
0.11	2.4	62	0.51	4.45	54	1.2
0.19	2.79	49	1.25	6.27	70	1.1
0.22	64	42	0.46	27.6	773	0.7
0.1	1.92	54	0.3	2.71	27	0.9
0.11	5.75	35	0.27	4.22	57	<0.5
0.27	8.39	111	0.8	7.21	122	1.3
0.16	1.05	63	0.54	3.3	60	0.7
0.07	3.29	7	<0.05	1.67	27	1.5
0.08	1.09	16	0.16	1.6	18	<0.5
0.11	1.77	41	0.41	4.34	53	0.5
0.13	1.33	48	0.51	4.79	66	<0.5
0.14	5.72	49	0.49	4.56	154	<0.5
0.13	1.62	58	0.39	5.59	84	0.5
0.14	1.59	55	0.48	5.59	65	0.5
0.12	7.32	39	0.44	10.15	62	<0.5
0.12	1.51	40	0.24	3.52	39	<0.5
0.1	20.9	14	0.11	12.05	16	<0.5
0.14	8.17	23	0.14	9.91	32	<0.5
0.24	2.15	66	0.34	3.27	45	0.6
0.17	1.31	45	0.32	4.44	40	<0.5
0.11	1.36	31	0.25	4.81	36	<0.5
0.06	1.55	19	0.15	3.95	33	<0.5
0.11	1.21	46	0.32	2.9	40	<0.5
0.14	2.12	50	0.52	2.49	41	0.5
0.1	9.68	32	0.31	9.7	77	<0.5
0.17	66.3	41	0.36	12.8	242	0.6
0.08	9.64	37	0.6	2.6	30	<0.5
0.16	2.83	42	4.43	6.59	64	<0.5
0.16	2.38	44	0.68	7.11	79	0.5
0.17	4.57	33	0.32	16.9	72	0.7
0.13	1.47	42	0.58	4.5	62	<0.5
0.11	1.33	54	0.69	4.05	64	<0.5
0.14	2.34	40	0.19	9.41	54	<0.5
0.11	0.95	39	1.01	3.03	36	<0.5
0.16	2.69	46	0.47	6.14	62	<0.5
0.13	2.53	41	1.18	5.53	78	<0.5
0.18	2.26	39	0.29	4.75	42	<0.5
0.19	2.31	46	0.9	2.95	30	<0.5
0.11	4.16	33	0.2	8.51	142	<0.5
0.19	11.6	36	2.73	28.1	827	0.5
0.2	4.34	32	0.49	10.9	115	0.5
0.19	4.55	36	0.4	7.13	83	<0.5
0.19	12.8	37	0.46	14.15	71	<0.5
0.13	8.82	44	0.49	8.98	60	<0.5
0.15	6.82	55	22.1	9.19	112	<0.5
0.07	1.45	30	1.15	2.89	83	<0.5
0.12	3.21	30	3.53	10.8	478	0.8
0.08	1.45	31	0.29	2.02	30	<0.5

0.16	7.39	31	0.23	4.94	42 <0.5
0.14	4.14	35	0.44	6.62	91 <0.5

TR08107578 - Finalized
CLIENT : " James"
# of SAMPLES : 61
DATE RECEIVED : 2008-08-15 DATE FINALIZED : 2008-09-01
PROJECT : "Camp Lake"
CERTIFICATE COMMENTS : "ME-MS41:Interference: Ca>10% on ICP-MS As ICP-AES results shown
PO NUMBER : " "

SAMPLE DESCRIPT	ME-MS41 Ag ppm	ME-MS41 Al %	ME-MS41 As ppm	ME-MS41 Au ppm	ME-MS41 B ppm	ME-MS41 Ba ppm	ME-MS41 Be ppm	ME-MS41 Bi ppm
8A001	0.01	2	1.8	<0.2	10	620	0.64	0.09
8A002	0.05	0.25	5.9	<0.2	<10	660	0.12	0.04
8A003	0.05	0.23	65.5	<0.2	<10	90	0.06	0.04
8A004	0.21	0.07	23.3	<0.2	<10	140	<0.05	0.02
8A005	0.07	0.12	17.2	<0.2	<10	90	<0.05	0.05
8T001	0.02	2.05	0.3	<0.2	<10	70	0.65	0.05
8T002	0.01	0.64	0.4	<0.2	<10	60	0.32	0.11
8T003	0.01	0.3	0.5	<0.2	<10	50	0.26	0.04
8T004	<0.01	0.07	<2	<0.2	<10	10	0.13	0.02
8T005	0.07	3.55	0.1	<0.2	<10	100	1.11	0.12
8T006	0.04	0.78	0.1	<0.2	<10	90	0.36	0.03
8T007	0.05	1.62	0.5	<0.2	<10	130	0.5	0.05
F0001	0.14	1.26	0.1	<0.2	<10	140	0.62	0.42
F0002	0.01	0.21	0.1	<0.2	<10	10	0.32	4.14
G06018	0.03	1.8	4.5	<0.2	<10	110	0.93	0.99
G06019	0.07	1.9	2	<0.2	<10	120	0.56	0.3
G06020	0.01	0.32	0.2	<0.2	<10	10	0.41	1.68
G06021	0.06	0.91	1.7	<0.2	<10	80	0.27	0.15
G06022	0.1	1.63	4.2	<0.2	<10	150	0.67	0.4
G06023	0.09	1.98	10.2	<0.2	<10	140	0.66	0.27
G06024	0.12	1.65	5.2	<0.2	<10	120	0.51	0.33
G06025	0.05	1.64	3.1	<0.2	<10	120	0.64	0.71
G06026	0.08	1.62	7.9	<0.2	<10	100	0.79	0.42
G06027	0.27	1.55	2.5	<0.2	<10	100	0.5	0.28
G06028	0.58	1.12	3.5	<0.2	<10	70	0.5	18.05
G06029	0.08	2.61	1.9	<0.2	<10	200	0.59	0.83
G06030	0.83	2.66	3	<0.2	<10	270	4.24	1.12
G06031	0.07	1.56	2.9	<0.2	<10	120	0.92	0.46
G06032	0.06	2	3	<0.2	<10	160	1.33	0.42
G06033	0.03	1.58	5.2	<0.2	<10	100	0.4	0.24
G05033	0.36	1.75	6.1	<0.2	<10	140	1.7	1.2
G05018	0.1	1.53	3.7	<0.2	<10	100	0.83	0.31
G05019	0.11	2.48	7.8	<0.2	<10	160	1.08	0.65
G05020	0.19	2.16	6.5	<0.2	<10	140	1.12	0.71
G05021	0.05	2.38	2.5	<0.2	<10	120	0.96	0.38
G05022	0.04	1.34	4.9	<0.2	<10	90	0.39	0.7
G05023	0.08	2.09	6.7	<0.2	<10	180	0.56	0.36
G05024	0.11	1.47	4.8	<0.2	<10	170	0.68	0.95
G05025	0.04	1.41	3.8	<0.2	<10	110	0.5	0.27
G05026	0.14	1.58	8.4	<0.2	<10	130	1.08	0.62
G05027	0.04	1.58	4.5	<0.2	<10	110	0.63	0.46
G05028	0.08	1.34	3.7	<0.2	<10	110	0.77	0.52

G07018	0.15	1.25	3.1	<0.2	<10	70	0.9	0.13
G07019	0.07	1.33	4.2	<0.2	<10	80	0.43	0.33
G07020	0.09	2.69	3.7	<0.2	<10	180	1.09	1.8
G07021	0.04	2.28	7	<0.2	<10	140	0.63	0.33
G07022	0.04	1.49	4.9	<0.2	<10	100	0.54	0.64
G07023	0.39	2.13	2.2	<0.2	<10	160	1.16	0.2
G07024	0.07	2.08	5.9	<0.2	<10	110	1.15	0.5
G07025	0.07	2.22	5.6	<0.2	<10	130	0.45	0.31
G07026	0.04	1.37	3.2	<0.2	<10	90	0.45	0.28
G07027	0.04	0.54	0.4	<0.2	<10	20	1.52	1.28
G07028	0.08	1.35	3.8	<0.2	<10	100	0.52	0.31
G07029	0.13	1.82	3.3	<0.2	<10	150	1.16	0.57
G07030	0.41	2.07	4	<0.2	<10	190	1.21	0.33
G07031	0.11	1.74	4.7	<0.2	<10	180	0.66	0.33
G07032	0.14	1.34	3.9	<0.2	<10	100	0.38	0.46
G07033	0.04	1.74	5	<0.2	<10	140	0.46	1.73
P61	0.03	1.3	5.9	<0.2	<10	70	0.67	0.36
P63	0.28	1.23	1.6	<0.2	<10	80	0.34	0.28
P65	0.03	2.04	2.4	<0.2	<10	90	0.63	0.4

ı. ME-MS41:Gold determinations by this method are semi-quantitative due to the small sample weight u:

ME-MS41 Ca %	ME-MS41 Cd ppm	ME-MS41 Ce ppm	ME-MS41 Co ppm	ME-MS41 Cr ppm	ME-MS41 Cs ppm	ME-MS41 Cu ppm	ME-MS41 Fe %	ME-MS41 Ga ppm
2.5	0.1	26.8	10	20	0.99	20.7	3.35	5.35
0.5	0.04	1.7	4.3	13	0.13	18.2	1.52	0.88
0.05	0.11	5.56	0.6	10	0.73	7.2	0.9	0.88
0.02	0.03	1.22	0.7	20	0.18	9.7	0.7	0.43
0.08	0.02	1.86	0.7	13	0.14	10.1	0.7	0.72
0.94	0.06	172	8.9	44	5.54	4.6	3.15	13.3
0.11	0.02	43.8	6.9	15	2.39	5.7	1.55	2.9
0.17	0.03	46	6.7	12	1.04	6.3	1.54	1.14
>25.0	0.01	13.3	1.5	2	0.42	2.5	0.26	0.19
2.34	0.34	59.5	13.4	55	5.79	28.2	2.84	13.6
0.09	0.05	25.9	3.1	16	1.33	5.5	1.29	3.81
2.12	0.09	81.1	11	30	1.41	12.1	3.53	7.99
1.64	0.07	120.5	7.7	4	1.72	26.4	3.23	6.93
0.1	0.01	5.01	0.6	5	0.49	3.7	0.34	1.08
0.33	0.24	42	9.7	31	3.83	13.7	2.62	7.07
6.71	0.85	34.3	13.9	82	3.69	16.7	2.46	6.29
0.06	0.01	8.47	0.6	5	0.82	2.6	0.63	1.98
0.45	0.18	16.65	3.6	13	1.17	8.6	1.51	4
0.19	0.32	43.1	5.4	23	2.39	34.2	2.48	7.62
0.29	0.15	41.9	7.6	29	2.09	14.9	2.88	6.71
0.23	0.11	37.1	8.2	28	3.24	15.7	2.77	7.93
0.24	0.13	43.8	4.5	20	2.32	14.9	2.93	7.5
0.3	0.45	46.6	8.8	22	3.57	17	2.79	6.63
0.31	0.1	41.5	5.2	22	3.26	12	2.95	7.11
1.14	0.11	24.5	5.7	16	2.14	16.4	3.44	6.18
0.2	0.11	98.8	9.3	40	3.89	26	4.32	12.75
0.72	0.69	89	5.3	35	6.95	206	2.07	8.15
0.38	0.19	51.6	7.3	18	2.37	20.4	2.46	6.29
0.29	0.17	51.6	9.7	31	3.99	17.3	3.28	7.58
0.22	0.15	30.2	6.3	26	1.89	14.2	2.66	7.03
1.07	1.02	30.5	7.4	32	6.94	74.9	1.63	6.06
0.3	0.1	37.8	6.6	25	4.63	25.3	2.71	7.46
0.39	0.4	42	9.6	55	3.03	16.2	3.14	7.67
0.35	0.16	55.7	8.7	34	4.93	14.6	3.25	9.07
1.3	0.19	69.5	22.9	80	4.61	29.8	4.3	10.6
0.16	0.18	33.2	4.5	22	3.64	10.7	2.72	10.55
0.29	0.26	44.9	9.7	38	6.17	18.7	3.29	10.15
0.25	0.18	34.4	6	22	2.21	23	2.47	6.64
0.29	0.07	35.3	4.8	22	1.67	11.4	2.22	4.98
0.33	0.18	48.6	7.9	21	5.19	18.1	2.65	6.4
0.18	0.13	47.2	7.4	24	2.41	12.8	2.81	7.02
0.31	0.11	38.7	6	19	2.55	16.9	2.54	5.4

0.92	0.17	14.3	5.2	18	1.45	21	2.09	3.94
0.22	0.11	22.8	4	21	2.33	18.5	2.66	7.78
1.07	0.36	74.7	20.7	73	9.41	23.1	4.33	12.65
0.3	0.12	52.9	9.6	35	2.38	15.3	3.04	8.54
0.14	0.08	45.3	5.2	27	4.03	13.1	2.86	9.15
0.63	0.38	51.7	26.4	20	1.37	33.2	2.6	5.28
0.15	0.12	44.3	7.6	33	3.88	22.6	3.48	9.12
0.22	0.41	34	6.5	34	2.37	16.7	3.37	8.38
0.19	0.08	36.1	4.9	21	1.51	10.7	2.72	6.12
0.72	0.03	25.3	5	14	1.36	8.1	1.31	2.87
0.18	0.11	34.7	5.4	22	2.54	15.4	2.47	5.67
0.34	0.23	54.2	9.6	29	4.19	21.1	3.3	7.54
0.41	0.39	74.3	47.5	30	2.97	25.6	3.42	6.65
0.37	0.13	39.3	20.2	20	2.15	18.3	3.14	5.86
0.21	0.11	36.4	5.7	24	1.95	12	2.59	6.11
0.25	0.11	31.9	6.1	31	2.14	18.8	3.15	8.13
0.18	0.1	37.8	6	19	3.25	10.2	1.93	4.29
0.17	0.11	26.4	4.1	13	2.82	14.9	2.1	6.1
0.77	0.15	30.6	14.2	128	7.39	10.5	2.93	8.23

sed (0.5g). "

ME-MS41 Ge ppm	ME-MS41 Hf ppm	ME-MS41 Hg ppm	ME-MS41 In ppm	ME-MS41 K %	ME-MS41 La ppm	ME-MS41 Li ppm	ME-MS41 Mg %	ME-MS41 Mn ppm
0.06	0.12	0.02	0.028	0.42	9.9	32.3	1.24	187
<0.05	0.05	0.02	<0.005	0.09	0.7	1.7	0.25	130
<0.05	0.03	0.13	0.007	0.1	1.9	1.1	0.03	53
<0.05	0.02	0.23	0.006	0.06	0.6	0.9	0.02	56
<0.05	0.03	0.07	0.007	0.07	1.1	0.5	0.02	49
0.15	0.12	<0.01	0.038	0.45	85.3	47.3	0.89	537
<0.05	0.19	<0.01	0.01	0.29	16	6	0.14	308
0.05	0.08	<0.01	0.008	0.18	21.4	1.8	0.04	262
<0.05	0.02	0.01	0.009	0.02	6	0.5	0.22	115
0.09	0.07	0.01	0.042	0.05	28.3	31.9	0.69	334
<0.05	0.03	<0.01	0.013	0.19	12.4	18	0.3	123
0.17	0.45	<0.01	0.04	0.16	38	7.6	1.09	303
0.19	0.25	<0.01	0.035	0.16	65.6	22.6	0.8	380
<0.05	0.05	<0.01	<0.005	0.14	2.4	2.5	0.02	60
0.07	0.03	0.02	0.026	0.12	19.6	39.3	0.59	316
0.08	0.05	0.01	0.022	0.25	15.8	39.6	0.7	366
<0.05	0.05	<0.01	<0.005	0.11	3.9	8.6	0.05	108
<0.05	<0.02	0.02	0.011	0.11	7.8	9.6	0.2	162
0.07	<0.02	0.02	0.029	0.16	20.7	19.8	0.33	256
0.07	0.03	0.03	0.028	0.19	19.8	23.7	0.54	340
0.07	<0.02	0.01	0.025	0.16	17.9	18.4	0.42	661
0.08	<0.02	0.02	0.026	0.22	21.3	19.9	0.32	295
0.08	<0.02	0.01	0.03	0.17	21	25.3	0.47	658
0.08	0.02	0.02	0.028	0.29	20	18	0.33	311
0.07	<0.02	0.05	0.388	0.14	11.4	13.3	0.3	472
0.14	0.03	0.01	0.036	0.75	48.7	50.3	0.91	530
0.26	0.13	0.38	0.055	0.16	127	24.6	0.47	223
0.09	0.03	0.02	0.026	0.22	25	25.3	0.44	408
0.1	0.02	0.01	0.034	0.28	26.7	45.5	0.56	878
0.06	0.02	0.01	0.023	0.14	14.1	13.8	0.39	314
0.08	0.05	0.06	0.026	0.13	23.6	24.1	0.42	235
0.07	0.02	0.01	0.021	0.21	22.2	29.5	0.43	278
0.07	0.02	0.02	0.072	0.13	17.6	27.8	0.73	357
0.09	0.04	0.01	0.037	0.24	26.2	38.5	0.56	335
0.16	0.12	0.01	0.049	0.22	27.5	36	1.31	753
0.07	0.03	0.01	0.025	0.21	15.8	16.7	0.31	258
0.08	0.02	0.01	0.032	0.19	21.4	28.5	0.59	443
0.06	<0.02	0.03	0.042	0.16	16.6	16.7	0.32	281
0.06	0.02	0.01	0.02	0.16	16.7	13.5	0.36	250
0.08	0.02	0.01	0.026	0.23	21.5	31.2	0.47	505
0.07	0.02	0.03	0.026	0.22	21.8	28	0.42	353
0.07	<0.02	0.01	0.021	0.21	18	17	0.32	413

0.08	0.05	0.03	0.011	0.11	15.4	5.4	0.33	246
0.07	0.02	0.02	0.017	0.14	11.3	7.4	0.21	216
0.15	0.07	0.02	0.04	0.38	32.1	72.7	1.25	582
0.09	0.03	0.01	0.033	0.17	24	20	0.59	390
<0.05	0.02	0.01	0.022	0.28	22.6	26.4	0.38	333
0.05	0.02	0.05	0.023	0.13	26.1	14.2	0.21	3090
0.05	0.04	0.03	0.033	0.22	21.3	48.9	0.5	298
<0.05	0.03	0.01	0.029	0.17	17.1	18.3	0.4	403
<0.05	0.02	0.01	0.019	0.2	18.4	25	0.36	316
<0.05	0.09	<0.01	0.005	0.17	12.1	13.7	0.19	361
<0.05	<0.02	0.01	0.019	0.16	17.4	18.9	0.35	354
0.05	0.02	0.01	0.033	0.36	31	37.9	0.59	427
0.05	0.02	0.06	0.07	0.15	22	17	0.29	10750
<0.05	0.02	0.01	0.023	0.19	17.7	18.3	0.35	3610
<0.05	0.02	0.02	0.024	0.18	17.1	16.7	0.38	534
0.05	0.03	0.02	0.023	0.18	14.6	10.2	0.3	520
<0.05	0.03	0.01	0.019	0.14	17.6	15.7	0.32	301
<0.05	0.02	0.03	0.012	0.24	13.6	14.9	0.22	179
0.06	0.05	0.01	0.022	0.48	15.5	58.9	1.19	373

ME-MS41 Mo ppm	ME-MS41 Na %	ME-MS41 Nb ppm	ME-MS41 Ni ppm	ME-MS41 P ppm	ME-MS41 Pb ppm	ME-MS41 Rb ppm	ME-MS41 Re ppm	ME-MS41 S %
0.39	0.01	0.08	34.8	760	5.6	18.3	<0.001	0.04
2.15	<0.01	0.35	15.3	510	1.8	4	0.002	0.02
1.39	<0.01	0.17	4.6	80	3.6	4.3	<0.001	0.02
1.82	<0.01	0.19	7.8	210	7	2	0.001	0.06
1.33	<0.01	0.11	5.3	910	2.7	3	0.001	0.02
1.71	0.03	0.28	29.5	3090	9	46.1	<0.001	<0.01
0.3	0.02	0.3	15.1	400	8.5	20.7	<0.001	<0.01
0.55	0.01	0.11	15.1	420	3.8	9.2	<0.001	<0.01
0.07	0.03	0.07	<0.2	80	2.4	1.6	<0.001	0.06
0.68	0.12	0.8	23.6	240	9.8	4.6	<0.001	0.08
0.53	0.04	0.58	7.3	90	6.3	15.9	<0.001	<0.01
1.67	0.24	0.48	15.6	1880	6.5	10.2	0.001	0.02
0.72	0.19	9.16	2	3570	3.3	11.5	0.001	0.15
0.3	0.03	1.17	2.4	140	5.4	15	<0.001	<0.01
1.09	0.03	4.49	19.4	390	12.3	20.2	<0.001	<0.01
0.94	0.13	6.6	46	920	11.8	22.6	<0.001	0.04
0.49	0.05	1.04	2.6	150	5.7	11.6	<0.001	<0.01
0.83	0.12	0.65	6.9	380	4.8	10.7	<0.001	<0.01
1.8	0.03	1.1	14.9	520	16.8	17.1	<0.001	<0.01
1.38	0.05	2.56	17.2	580	16.4	16.9	<0.001	<0.01
2.13	0.06	1.42	15	500	13.5	20	<0.001	<0.01
1.75	0.09	3.03	11	460	12.7	18.7	<0.001	<0.01
2.55	0.07	1.2	19.4	390	40	17.4	<0.001	0.01
2.38	0.16	1.82	11.1	260	7.8	20.6	<0.001	<0.01
1.94	0.05	0.89	9.7	510	26.5	15.8	<0.001	0.07
4.53	0.09	2.65	19	470	11.6	46.2	0.001	<0.01
4.29	0.03	2.29	26.7	1180	20	18.8	0.003	0.24
1.7	0.1	1.91	15.3	590	13.4	18.4	0.001	<0.01
3.11	0.06	2.36	20.8	440	10.8	24.2	<0.001	0.01
1.59	0.07	1.47	13.3	380	9.6	15.8	<0.001	<0.01
2.34	0.08	2.24	21.2	950	53.9	13.3	0.001	0.43
1.37	0.09	1.61	17.4	250	10	29	<0.001	<0.01
1.18	0.03	2.59	27.3	780	11.3	15.9	<0.001	0.02
1.89	0.07	4.54	20.2	370	16.1	32.6	<0.001	<0.01
2.74	0.22	10.5	40.4	1530	20.1	21.9	<0.001	<0.01
1.8	0.05	3.74	11.2	270	11.1	26.6	<0.001	<0.01
2.59	0.06	3.13	19.3	510	11.4	18	0.001	0.01
1.79	0.04	2.22	14	370	13	18	0.001	<0.01
1.71	0.07	1.79	12.7	610	10.1	14.8	<0.001	<0.01
1.55	0.06	1.41	18.9	560	16.8	22.3	0.001	0.01
1.67	0.04	2.54	17.2	500	13.6	19.7	<0.001	<0.01
1.8	0.08	1.02	12.7	600	14.7	18	<0.001	0.01

1.8	0.29	0.92	11.1	610	6.4	5.6	0.001		0.04
2	0.11	2.09	10	350	9.2	14	<0.001		0.01
1.78	0.08	11.85	40.6	1110	21.5	46.2	<0.001	<0.01	
1.59	0.04	2.7	21.6	610	11.9	17.3	<0.001	<0.01	
2.25	0.03	3.78	14	290	13.1	31.8	<0.001		0.01
3.62	0.12	0.6	14.5	1460	17.3	10	0.001		0.11
2.23	0.04	4.65	19	340	11.9	25.9	<0.001		0.01
1.91	0.04	3.44	14.1	340	12.8	30	0.001		0.02
2.24	0.05	2.94	11.7	370	13	20.2	<0.001		0.01
0.64	0.02	0.76	9.8	430	9.7	18.4	<0.001		0.06
2.01	0.04	1.09	13.6	640	12.1	15.6	<0.001		0.03
2.2	0.06	2.52	20.7	530	14.4	30.7	0.001		0.02
11.6	0.09	0.81	15.8	1120	23.4	14	0.001		0.08
3.95	0.08	1.55	13	600	11.7	16.4	0.001		0.04
2.7	0.05	2.2	12.6	490	11.6	17.1	<0.001		0.02
2.61	0.1	2.18	13.8	420	12.7	14.7	0.001		0.02
1.36	0.02	2.06	12.3	590	12.9	17	<0.001		0.01
1.22	0.12	1.87	9.2	280	4.3	21.9	<0.001		0.02
0.8	0.05	5.89	56.9	1450	7.9	50.2	<0.001	<0.01	

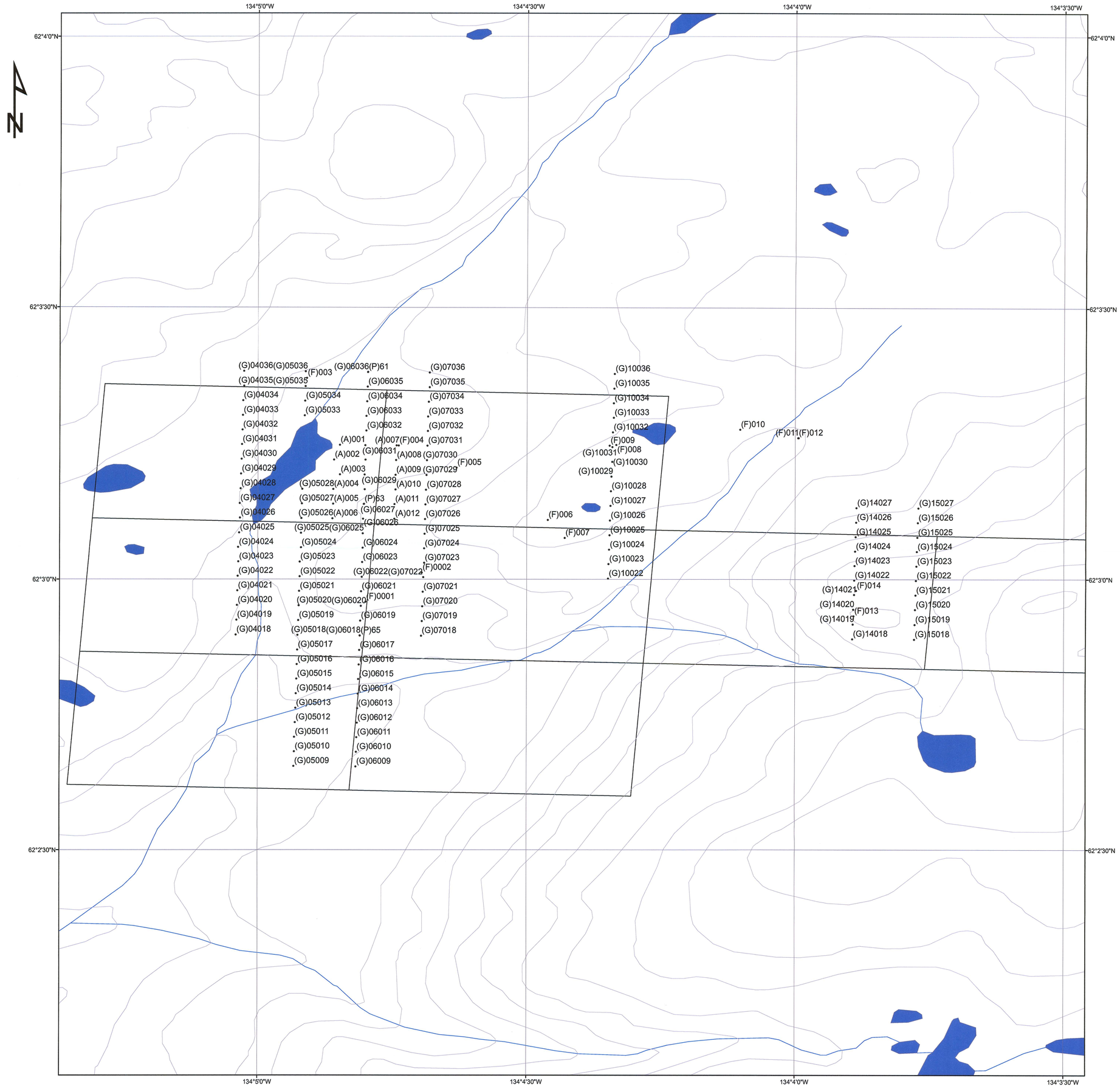
ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
0.06	6.7	0.4	0.5	91.7	<0.01	0.01	9.3	<0.005
0.73	1.3	0.4	0.3	74.9	<0.01	0.01	0.7	<0.005
7.57	0.5	1	0.3	7.1	<0.01	0.01	1.1	<0.005
3.98	0.3	1.4	0.2	29.7	<0.01	0.01	0.2	<0.005
3.6	0.9	0.7	0.2	22.4	<0.01	0.02	0.4	<0.005
0.05	6.1	1.2	0.8	18.7	0.01	0.01	37.5	0.054
0.22	1.8	0.2	0.3	10.8	<0.01	<0.01	6.1	0.028
0.14	1.3	0.2	0.2	10.7	<0.01	0.01	10.9	<0.005
0.13	0.8	0.5	<0.2	2890	<0.01	0.03	1	<0.005
<0.05	7.3	0.4	1.2	100	0.03	0.01	15.3	0.138
<0.05	2	<0.2	0.3	12.3	<0.01	<0.01	5.2	0.03
<0.05	7.8	0.5	0.9	213	0.01	<0.01	5.3	0.229
0.05	4.6	0.9	2.3	38.7	0.05	0.02	9.6	0.284
<0.05	0.4	<0.2	0.5	7.2	<0.01	0.01	0.9	<0.005
0.29	4.1	0.4	2.1	16	0.01	0.03	6.2	0.127
0.14	3.6	0.4	1.4	302	0.01	0.02	3	0.157
<0.05	0.4	<0.2	0.6	2.4	<0.01	0.02	2.7	<0.005
0.15	0.9	0.2	0.6	36.2	<0.01	0.01	0.2	0.052
0.32	1.1	0.4	1.2	22.9	<0.01	0.02	0.3	0.042
0.4	3.7	0.5	1.1	21.8	<0.01	0.02	5	0.091
0.39	2.2	0.3	1.2	23.7	<0.01	0.02	0.9	0.078
0.28	2.5	0.4	1.8	25.8	0.01	0.02	3.3	0.073
0.45	2.7	0.4	0.9	29.4	<0.01	0.03	1.8	0.056
0.25	2.8	0.3	1.5	39.7	<0.01	0.02	3.6	0.086
0.32	1.4	0.5	1.3	17.3	<0.01	0.38	0.5	0.053
0.3	5.7	0.6	1.6	21.6	<0.01	0.06	11.3	0.089
1.14	7.1	5	1.1	54.9	0.02	0.07	3.4	0.065
0.23	3.3	0.4	1	36.9	<0.01	0.03	6.3	0.063
0.2	3.7	0.4	2	25.2	<0.01	0.03	4.6	0.079
0.42	2.1	0.4	1	25	<0.01	0.02	0.9	0.076
0.68	3	1.8	1.1	66.2	0.01	0.02	1	0.058
0.22	2.2	0.3	1.3	31.2	<0.01	0.02	1.1	0.077
0.34	3.6	0.4	1.2	29.8	<0.01	0.03	2.5	0.095
0.34	4.3	0.4	2.3	30.4	<0.01	0.03	7.9	0.106
0.17	8	0.6	1.5	42.5	0.02	0.04	6	0.361
0.42	2.9	0.3	1.9	17.4	<0.01	0.03	3.3	0.112
0.43	4	0.4	1.4	27.7	<0.01	0.03	2.7	0.114
0.45	2.6	0.4	1.5	22.3	<0.01	0.04	1.9	0.071
0.29	2.5	0.4	1	21.2	<0.01	0.01	3.2	0.065
0.53	2.8	0.4	1.2	26.2	<0.01	0.03	2.5	0.051
0.44	3.1	0.4	1.1	15.1	<0.01	0.04	6.9	0.066
0.35	2	0.4	1.1	27.9	<0.01	0.02	1.3	0.047

0.28	2.9	0.9	0.6	98.7	<0.01	0.01	0.7	0.097
0.46	2.3	0.3	1.2	32.9	<0.01	0.03	1	0.097
0.27	6.6	0.5	2.1	40.5	0.01	0.04	7.1	0.363
0.54	4.5	0.7	1.3	25.6	0.01	0.02	3.7	0.108
0.34	2.9	0.2	1.5	13.2	<0.01	0.04	7	0.105
0.33	1.5	0.7	0.6	48.1	0.01	0.03	0.4	0.03
0.43	4	0.5	1.3	13.9	0.01	0.04	7.6	0.11
0.45	3.5	0.3	1.1	23.2	0.01	0.03	4.1	0.104
0.26	2.7	0.2	1.1	16.4	<0.01	0.03	6.9	0.072
0.12	1.4	0.2	0.3	32.1	0.01	0.37	5.9	0.008
0.32	1.5	0.4	0.8	18.2	<0.01	0.03	0.9	0.045
0.3	3.8	0.4	1.3	25.7	<0.01	0.04	6.4	0.085
0.37	1.7	0.6	0.9	37.9	<0.01	0.04	1	0.043
0.31	2.4	0.3	0.9	33.3	<0.01	0.03	2.1	0.063
0.32	2.5	0.3	1.1	19	<0.01	0.03	2.3	0.072
0.55	2.3	0.3	1.3	29.3	<0.01	0.39	1.2	0.094
0.33	2.4	0.3	0.9	11.8	<0.01	0.04	5.1	0.043
0.23	1.8	0.2	0.8	28	<0.01	0.03	1.4	0.077
0.18	3.4	0.2	2.5	20.2	<0.01	0.03	4.4	0.271

ME-MS41 Tl ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
0.13	0.47	17	<0.05	12.8	64	4.6
0.08	0.66	26	0.07	3.45	7	2
0.11	0.15	11	0.13	1.79	7	1.9
0.27	0.17	7	0.09	0.52	<2	0.8
0.08	0.58	7	0.09	2.64	<2	1.7
0.29	4.98	36	0.1	44.4	70	2
0.18	0.51	10	<0.05	3.78	22	7.2
0.09	0.92	6	0.05	6.06	24	4.7
0.04	0.74	<1	<0.05	4.29	4	0.7
0.06	4.81	45	0.51	10	68	1.4
0.1	0.82	12	0.06	2.14	25	0.6
0.07	0.64	97	0.18	15.7	70	19.1
0.09	2.41	66	0.33	11.65	36	6.9
0.07	3.2	1	0.1	2.09	5	1
0.17	1.45	52	0.48	6.1	47	1.2
0.12	0.88	45	0.3	7.22	55	1.7
0.06	1.58	2	0.09	2.43	7	1.2
0.08	0.9	28	0.18	2.79	20	<0.5
0.12	4.24	44	0.33	5.86	36	<0.5
0.18	1.97	50	0.64	6.6	50	0.5
0.18	1.63	56	0.55	5.19	52	<0.5
0.17	1.58	36	0.8	6.33	35	<0.5
0.18	4.03	38	0.52	5.06	184	<0.5
0.14	1.18	44	0.42	4.14	36	<0.5
0.13	1.68	38	20.3	3.67	47	<0.5
0.33	3.02	57	0.72	9.86	61	<0.5
0.31	265	36	0.75	94.2	101	1.2
0.17	7.05	33	0.5	9.46	54	0.5
0.25	11.6	33	0.58	9.71	79	<0.5
0.13	1.22	52	0.39	4.41	65	<0.5
0.24	53.6	37	0.38	18	140	1.2
0.18	5.13	43	0.66	7.57	52	<0.5
0.17	2.67	64	0.5	6.04	110	<0.5
0.23	2.27	51	0.68	7.05	57	1.2
0.13	1.3	89	0.47	9.37	68	5
0.18	1.16	64	0.75	4.88	46	0.9
0.2	8.06	71	0.6	6.75	65	0.7
0.17	1.83	46	1.51	5.1	38	<0.5
0.16	1.92	38	0.53	6.22	36	<0.5
0.2	4.55	36	0.44	9.03	60	<0.5
0.18	1.54	42	0.77	6.14	53	<0.5
0.16	8.79	34	0.55	6.85	48	<0.5

0.07	13.2	40	0.17	11.55	30		1.7
0.12	1.48	56	0.36	3.94	28		0.8
0.26	2.64	92	1.17	10.15	116		2.6
0.21	2.55	60	0.58	8.42	52		0.5
0.2	2.16	52	0.58	5.02	43		0.8
0.35	15.05	30	0.19	15.05	22	<0.5	
0.25	2.71	52	0.65	5.54	52		1.5
0.19	1.64	58	0.51	5.06	46		1.1
0.14	1.38	35	0.4	5.22	33		0.7
0.18	8.59	7	0.08	7.04	18		2.1
0.17	3.74	36	0.31	5.45	43	<0.5	
0.22	15.65	42	0.64	12.05	75	<0.5	
0.78	13.95	41	1.16	9.99	53	<0.5	
0.3	5.11	44	0.45	6.61	45	<0.5	
0.15	1.78	41	0.54	5.63	40	<0.5	
0.17	1.95	53	0.45	4.86	39		0.9
0.15	2.64	27	0.75	6.25	40		0.7
0.15	1.07	30	0.45	2.81	25		1.1
0.33	1.24	61	0.49	4.86	50		1.7

Quad Property
Sample Location Map



Legend

- 2008 Sample locations
- MINERAL_MIN_QCLAIMS

0 100 200 400 600 800 Meters

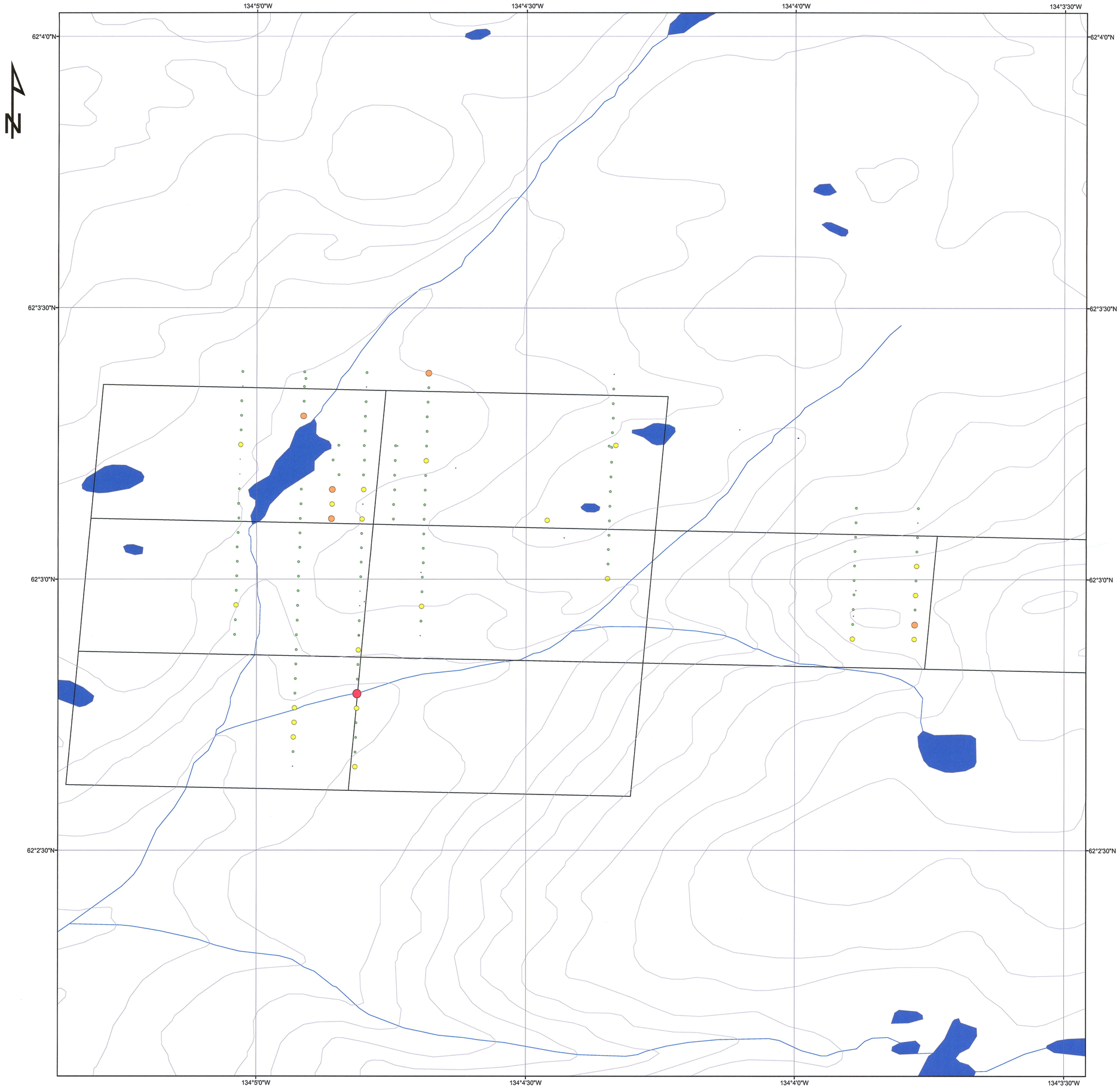
inches
0 1 2
0 1 2 3 4 5
centimetres

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Quad Property

Lead in soils (ppm)



Legend

Pb in ppm

- 1.300000 - 9.000000
- 9.000001 - 20.500000
- 20.500001 - 40.000000
- 40.000001 - 74.000000
- 74.000001 - 355.000000
- MINERAL_MIN_QCLAIMS

0 100 200 400 600 800 Meters

inches

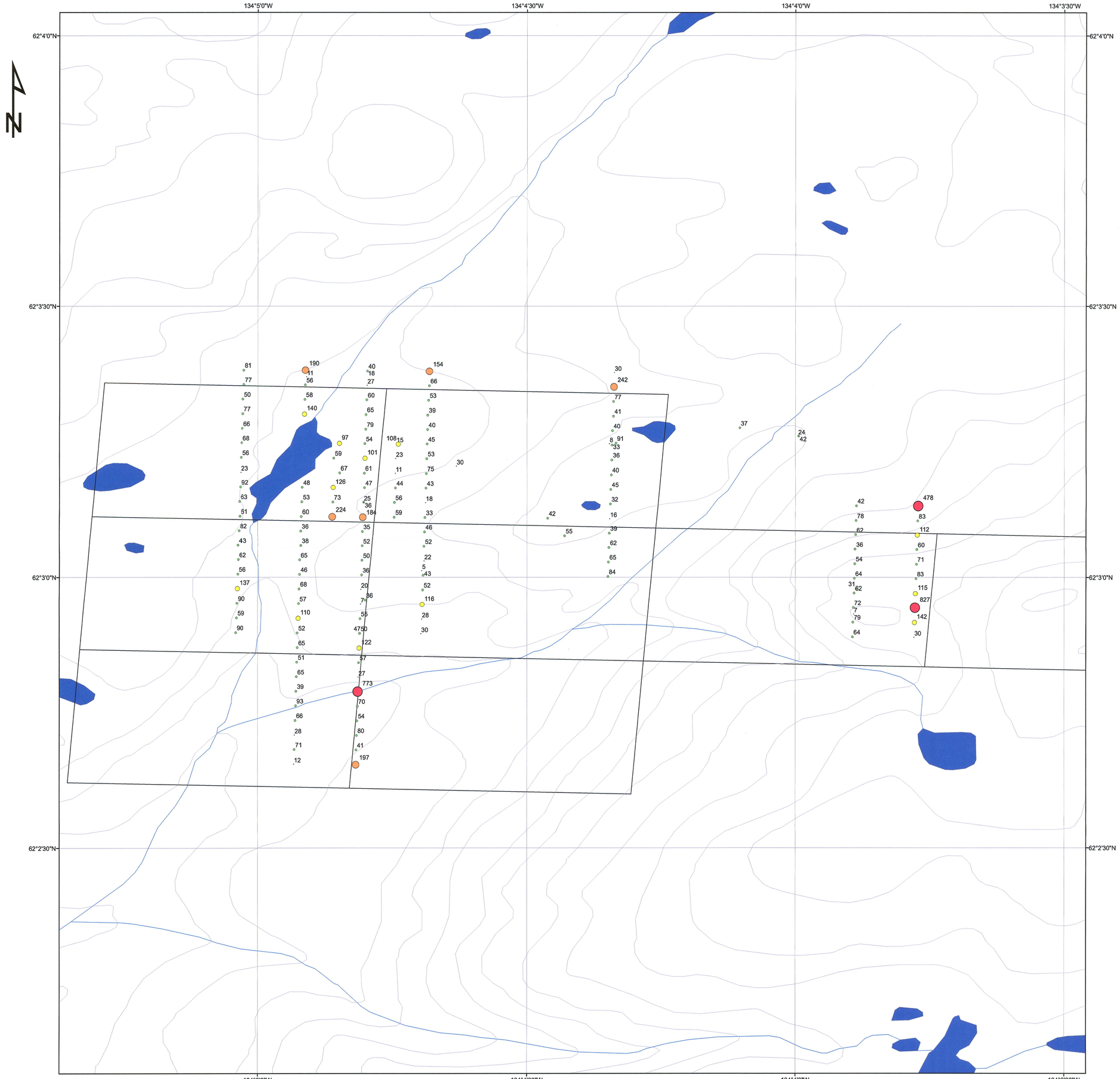
centimetres

This reference scale bar has been added to the original image. It can be used to scale at the same rate as the original image or as can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

Quad Property

Zinc in soils (ppm)



Legend

- 5 - 30
- 31 - 95
- 96 - 145
- 146 - 245
- 246 - 827
- MINERAL_MIN_QCLAIMS

0 100 200 400 600 800 Meters

inches

centimetres

This reference scale bar has been added to the image. It may not be the same as the scale used on the image, therefore it can be used as a reference for the original size.

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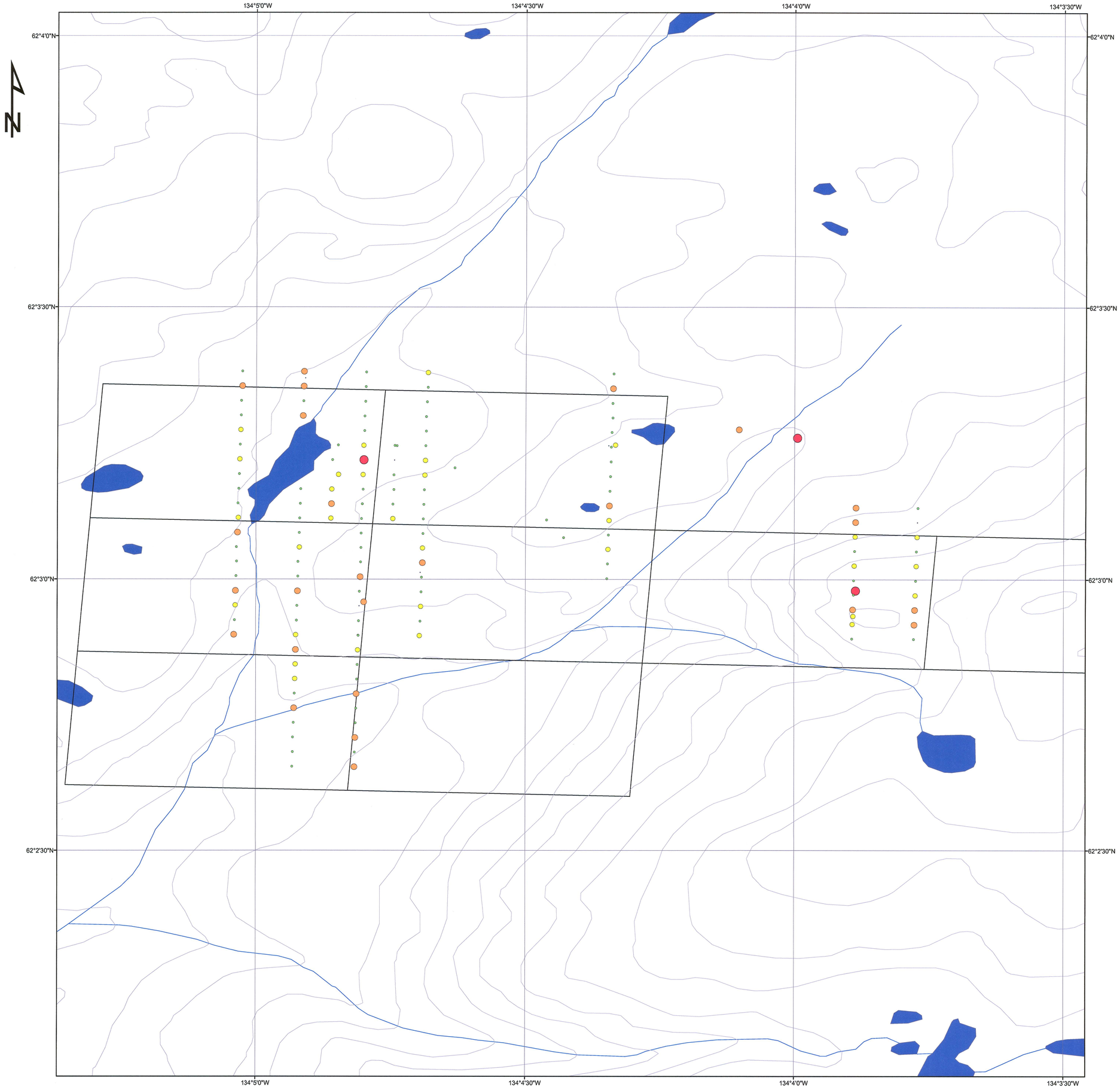
Quad Property

Copper in soil (ppm)



Legend

Cu in ppm

- 2.600000 - 8.000000
- 8.000001 - 19.000000
- 19.000001 - 26.000000
- 26.000001 - 75.000000
- 75.000001 - 333.000000
- MINERAL_MIN_QCLAIMS

0 100 200 400 600 800 Meters

inches

centimetres

This reference scale bar can be used as a guide if the original image is set scale at the same ratio. The reference scale bar can be used as a reference for the original size.

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