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**GEOCHEMICAL ASSESSMENT REPORT  
ON THE FLAT TOP GOLD PROPERTY**

**Stump Lake Area**

**BCGS 092I/038 and 39**

**120° 24' West, 50° 23' North**

**Kamloops Mining Division**

**By**

**Joseph E. L. Lindinger, P.Geo.**

**December 12, 2006**

**GEOLOGICAL SURVEY BRANCH**  
ANNO DOMINI 1871

**28,691**

Ministry of Energy & Mines  
Energy & Minerals Division  
Geological Survey Branch

**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)]		TOTAL COST
GEOCHEMICAL ASSESSMENT REPORT ON TWO		2
FLAT TOP PROPERTY		
AUTHOR(S)	LINDINGER LEO	SIGNATURE(S)
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S)		YEAR OF WORK
STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S)		
PROPERTY NAME		
CLAIM NAME(S) (on which work was done)		
COMMODITIES SOUGHT		
MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN		
MINING DIVISION		
LATITUDE ° ' " LONGITUDE ° ' " (at centre of work)		
OWNER(S)		
MAILING ADDRESS		
OPERATOR(S) [who paid for the work]		
MAILING ADDRESS		
PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):		
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS		



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Confirmation

**Recorder:** LEO JOSEPH LINDINGER (115758) **Submitter:** LEO JOSEPH LINDINGER (115758)  
**Recorded:** 2006/AUG/14 **Effective:** 2006/AUG/14  
**D/E Date:** 2006/AUG/14

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**Event Number:** 4097822

**Work Start Date:** 2006/AUG/01  
**Work Stop Date:** 2006/AUG/10

**Total Value of Work:** \$ 1500.00  
**Mine Permit No:**

**Work Type:** Technical Work  
**Technical Items:** Geochemical, PAC Withdrawal (up to 30% of technical work performed)

**Summary of the work value:**

Tenure #	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Work Value Due	Submission Fee
502981	fiat top	2005/JAN/13	2006/AUG/15	2008/nov/1	809	185.43	\$ 1642.39	\$ 164.40

**Total required work value:** \$ 1642.39

**PAC name:** leo j lindinger

<b>Debited PAC amount:</b>	\$	142.39
<b>Credited PAC amount:</b>	\$	0.00
<b>Total Submission Fees:</b>	\$	164.40
<b>Total Paid:</b>	\$	164.40

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**GEOCHEMICAL ASSESSMENT REPORT  
ON THE FLAT TOP GOLD PROPERTY**

**Stump Lake Area**

**BCGS 092I/038 and 39**

**120<sup>o</sup> 24' West, 50<sup>o</sup> 23' North**

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## **SUMMARY**

The Flat Top gold property is located in the Kamloops Mining Division in the northwest part of the Stump Lake Mining Camp, 45 kilometers south of Kamloops British Columbia. The claims straddle BCGS map sheets 092I/038 and 039. No road access is available to the property, however access from the north can be readily made available. The surface rights are owned by Frolek Cattle Company.

The claim overlies north striking, east dipping fine grained metasediments and intermediate metavolcanics assigned to the Nicola Group portion of the upper Triassic to lower Jurassic Quesnel Terrane, a west facing island arc volcanic assemblage.

The 2006 soil sampling program covered a 3000 square meter area hosting strongly anomalous gold bearing quartz breccia veining discovered in 1996. Only one soil sample reported 50 ppb gold with moderately anomalous arsenic. The results of this limited program do not reflect the values obtained from the earlier rock sampling, however they do indicate that a significant near surface gold deposit does not directly underlie the area tested. Other areas hosting gold mineralization on the property remain to be tested to the north and east, and the author feels that the vein showing underlying the area tested in 2006 still warrants one medium length drill hole. To this end a \$40,000 phase 1 program is proposed. Additional exploration expenditures would be recommended contingent upon exploration success.

## INTRODUCTION AND TERMS OF REFERENCE

This report was prepared to document the results of a soil sampling program completed in August 2006, and discuss the results and make recommendations for future work on the Flat Top property.

The author visited the Flat Top Property on August 8, 2006 with field technician Elizabeth Pellet with the purpose of taking soil samples over a vein gold discovery made by the author in 1995.

Units of measure and conversion factors used in this report include:

### CAPACITY

1 can. gal. =4.5461 litre

### VOLUME

1 cu. m. =35.315 cu. ft.

### LENGTHS

1 in. =2.540 cm.

1 cm. =0.3937 in.

1 ft. =0.3048 m.

1 m. =3.2808 ft.

1 m. =1.09361 yd.

1 mile: =1.6093 km.

1 km. =0.6214 mile

### AREA

1 sq. ft. =0.0929 sq. m.

1 sq. m. =10.764 sq. ft.

1 hectare =0.003861 sq mi.

1 sq mi. =225.899 hectares

### MASS

1 TROY oz. =31.103 g.

1 g. =0.03215 TROY oz.

1 lb. =0.4536 kg.

1 kg. =2.2046 lb.

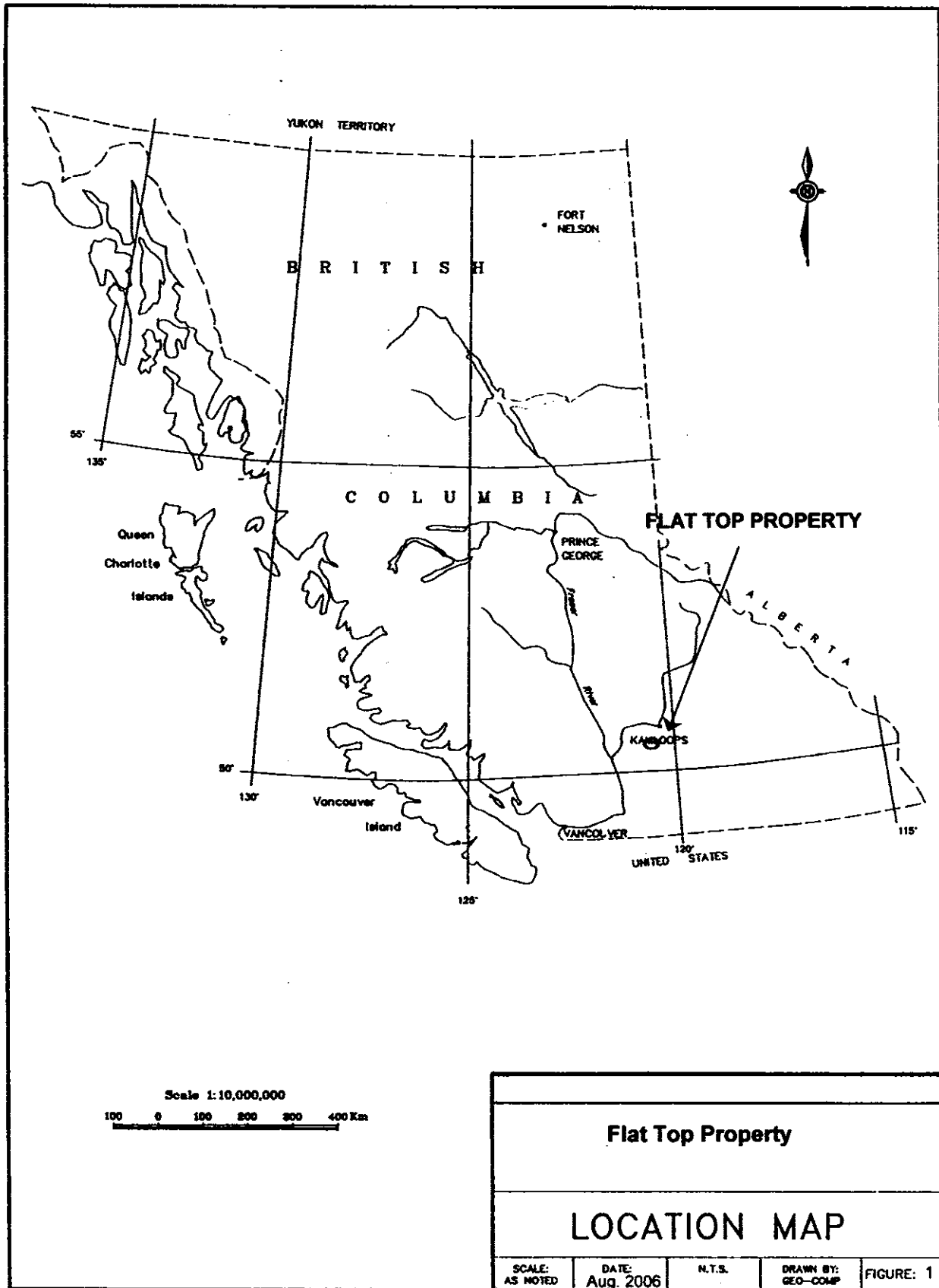
1 (short) ton =0.907 metric tonnes

1 metric tonne =1.1023 short tons

1 TROY oz./short ton =34.2848 g./metric tonne

1 g./metric tonne =0.0292 TROY oz./short ton





## **PROPERTY DESCRIPTION AND LOCATION**

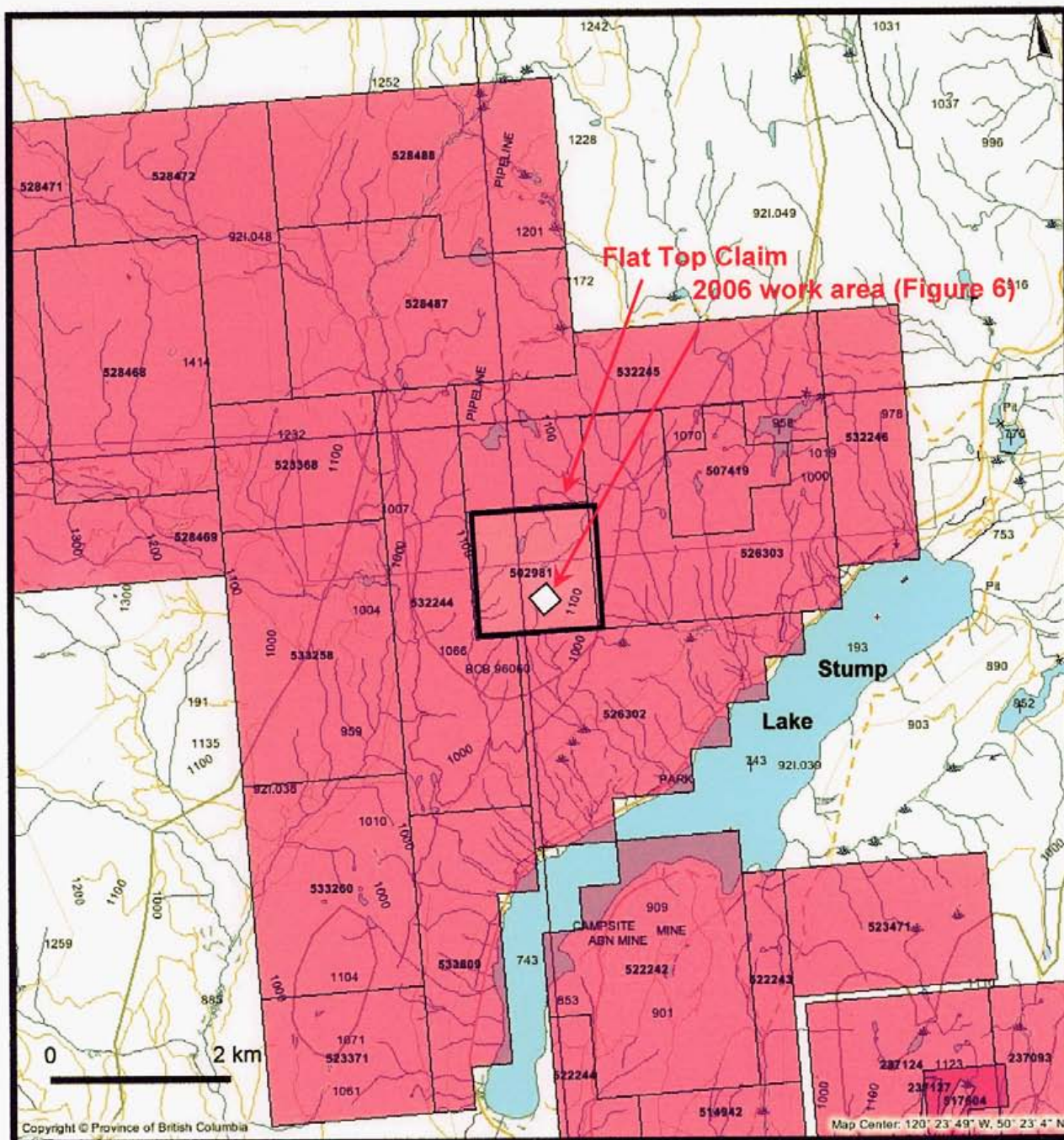
The Flat Top Property comprises the Flat Top claim, Tenure number 502981 totaling, 185.43 hectares. The claim is on private land owned by Frolek Cattle Company and located in the Kamloops Mining Division. The claims cover portions of BCGE map sheets 092I038 and 039 and are centered at 120<sup>0</sup> 43' West and 50<sup>0</sup> 23' North. The claim is 100% beneficially owned by the author Leo Lindinger. The Flat Top claim has a current expiry date of November 1, 2008 as recorded in MEM event number 4097822, pursuant to approval of the exploration work this report documents

The Claims protect the Flat Top gold vein showings.

Mineral claims in British Columbia may be kept in good standing by incurring exploration expenses or by paying cash in lieu. Four dollars per hectare per year of exploration work must be applied prior to the first, second and third anniversaries followed by an eight dollar per hectare per year requirement thereafter. Proposed exploration work causing mechanical disturbance normally requires that a Notice of Work and Reclamation must be submitted at least 30 days before work is planned to begin. The author is not aware of any extraordinary environmental liabilities that may be associated with land comprising the property.

To complete mechanical exploration work a reclamation bond will have to be placed with the Ministry of Energy Mines and Petroleum resources of B.C. For the work recommended in this report the bond should not exceed 2000 dollars.

Figure 2 – Property and Index Map



## **ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

The Flat Top Property is located on the southern edge of a flat topped mountain that is 2 kilometers northwest of Stump Lake. The property lies at an elevation between 1090 and 1200 meters. Vegetation is open grass land on flat and south facing slopes and interior fir and poplar elsewhere. Three season road access from Kamloops the closest regional supply center 45 kilometers to the north is via highway 5A south then west for 8 kilometers on a range road originating a Tullee Marsh that crosses 2 kilometers north of the claims. No drivable roads are on the property, however several overgrown trails that cross the claims provide potential vehicle access from the north. Several permanent small lakes and ponds are on the property sufficient to provide drilling water in spring and early summer. The Terasen gas pipeline crosses less than 1 kilometers to the west of the property, and highway 5A and a medium voltage power crosses along Stump lake less than 2 kilometers southeast of the property. The surface rights are owned by Frolek Cattle Company.

## **HISTORY**

The area south east of the Flat Top property has an extensive exploration and mining history around Stump Lake. The Stump Lake area has documented records of exploration for precious metals dating back to 1882. Numerous precious and precious base metal quartz fissure veins and stockworks were discovered over a 150 square kilometer area surrounding Stump Lake. Exploration and mining efforts from the Enterprise and Joshua Mines immediately east of Stump Lake to 1945 resulted in the production of 77,605 tons of ore grading 0.109 o/t gold, 3.26 o/t silver, 1.42% lead, 0.24% zinc, and 0.026% copper, yielding 8,494 ounces of gold, 252,939 ounces of silver, 2,206,555 pounds of lead, 367,869 pounds of zinc, and 40,822 pounds of copper.

The redbird fluorite vein was discovered in 1966 west of nearby Kullagh lake.

During the early 1980's gold bearing quartz vein mineralization was discovered in the Kullagh Lake area east of the Flat Top property and north of Stump Lake. by John DeLatre. Subsequent work by BP minerals, Asamera Minerals and Canquest Resources Ltd. resulted in discovering numerous new epithermal style gold bearing quartz vein showings with associated alteration around and west of Kullagh Lake including the area now protected by the Flat Top claim.

In 1994 and 1995 gold mineralized quartz fissure vein mineralization was discovered during prospecting exercises on "Flat Top" Mountain by the author while contracted by Canquest Resources Ltd. Gold grades between 0.1 to 4.1 g/t gold in grabs were returned from narrow veins over a portion of what was termed the "West Zone".

Between 1999 and 2003 most of the claims in the Kullagh lake areas lapsed and the Flat Top claim was acquired by the author in 2005.

## **GEOLOGICAL SETTING**

### **Regional Geology**

The following description is derived from Lindinger 1996;

“The Stump Lake area is located within the Intermontane Belt and underlain predominantly by rocks of the Quesnel Terrane. With the exception of small exposures of possibly Paleozoic meta-sediments near Merritt 20 km south, the oldest rocks in the area are Upper Triassic to earliest Jurassic Nicola Group volcanics and sediments of oceanic island arc affinity. These rocks have been intruded by coeval plugs, stocks and small batholiths of dominantly alkalic rocks, and by slightly later batholithic calc-alkalic intrusives. These arc rocks were obducted onto western North America during the mid Jurassic. The resulting fabric is moderately to steeply dipping strata truncated and displaced by west and south dipping thrust faults.

Tertiary sediments were deposited in localized fault bound basins formed from first order north trending structure such as the Moore creek fault west of the property and second and third order northeast, northwest and east trending steeply dipping structures.

Tertiary subaerial volcanic and intrusive events include the Paleocene megacrystic granitic rocks of the 30 km long Rocky Gulch Batholith within the Nicola Horst located immediately west of the Property. The slightly later Eocene Kamloops Group subareal bimodal rhyolitic and basaltic volcanism form extensive blankets north of Stump Lake where a volcanic center at the south end of Napier Lake is located. Ongoing structural displacement also displaced the Kamloops Group lithologies. Remnants of Miocene “Chilcotin Group” flood basalts are found to the north. The only Pleistocene basalts known, occur south of Merritt.

Pleistocene to Recent accumulations of consolidated and unconsolidated glacial, interglacial and post glacial sediments cover large expanses of the area.

Prominent grooves show the direction of glacial movement to be from the north to north-northeast..”

### **Local geology**

The following geological description is derived from Lindinger 1996.

The Microgold Property is underlain by Upper Triassic Nicola Group andesitic to basaltic volcanoclastic rocks on the Property's west and east sides with accumulations of epiclastic sediments including, argillite, sedimentary breccias, and laminated subaqueous tuffs occupying a north striking 1.5 km wide swath starting 11km west of the Kullagh Lake. Post Jurassic erosional remnants of heterolithic conglomerate with associated overlying finer grained sediments are found within a paleobasin now partially occupied by Kullagh Lake. Blankets of glacial till cover much of the Property.

### Structure

The structural history of the area is relatively complex. Superimposed and sometimes reactivated structures originating from pre-collision (pre-Mid Jurassic), semi ductile, collision related (Mid Jurassic) north to northwest striking moderately south dipping thrust faults, followed by several episodes of late Mesozoic to late Tertiary brittle, post collision, dominantly transtensional north striking sub-vertical, with secondary conjugate northeast to east and northwest striking steeply dipping structures are found on the Property.

The Tertiary north striking Moore Creek Fault and Stump Lake Fault strike through the Property on its west and east side respectively. At least two more related major faults are found between these structures. One is the Kullagh Lake Fault some 800 M west of the Stump Lake Fault, and another occupies a linear depression about 1.4 km west of Kullagh Lake. Another significant fault strikes just west of the Redbird occurrence some 700 M west of Kullagh Lake. Several smaller subparallel structures have been mapped. Most or all of these structures are steeply dipping to subvertical normal or reverse faults with apparent dextral displacement. Northeast to east striking steeply dipping dilatant bridging structures are found throughout the property. Northwest striking structures appear to be at least partially reactivated collision related features, commonly hosting shear zones with ductile deformation fabrics indicating relatively deep movement along structure that have subsequently undergone hundreds if not thousand of meters of erosion. Many of these structures are now host to important gold bearing quartz veins.

### Alteration

Alteration minerals were epidote, calcite, quartz, chlorite and sericite. There is a widespread epidote-calcite-quartz alteration of the Nicola rocks that probably corresponds to a regional greenschist grade overprint. The quartz-sericite alteration, crosscuts all lithologies and is probably related to Tertiary intrusive and hydrothermal activity. The quartz occurs as both fine silica and distinct quartz veins demonstrating zoned glassy to bladed textures typical of open spaced filling. Violet to green tine fluorite crystals form bands with the late quartz veins. The veining and alteration are often controlled by bedding contacts and shear zones. In the south Kullagh Lake area chalcedonic quartz appears to occur as hot spring style matrix replacement in paleo sediments including gravel, sandstone and siltstone.

### Mineralization

Metallic mineralization is of two styles. Disseminated replacement in altered wallrock and associated with quartz +/- carbonate fissure and breccia veins. Minerals observed in order of abundance are pyrite, fluorite, hematite and arsenopyrite. Wallrock associated mineralization is dominantly pyrite preferentially occurring in argillite and occasionally weakly auriferous. Quartz vein associated mineralization is dominated by pyrite with lesser chalcopyrite, galena, sphalerite and arsenopyrite. Gold and silver grades are usually directly associated with base metal sulphide content of the quartz vein. In the area the best correlation for gold with other elements was with molybdenum and arsenic.






Figure 3 – Regional Geology





Figure 4 - Regional Geology Legend-


**LITHOLOGIC UNITS**



**QUATERNARY**  
 Glacial and fluvial deposits




**TERTIARY**  
 Granitic rocks  
 Volcanic rocks


**EOCENE**  
 "Coldwater beds"


**CRETACEOUS**  
 SPENCES BRIDGE Group


**JURASSIC**  
 ASHCROFT Formation


**MESOZOIC**  
 Granitic intrusive rocks  
 Mafic and ultramafic intrusive rocks

**LATE TRIASSIC**  
 NICOLA Group (metamorphosed rocks in Nicola horst)  
 NICOLA Group (predom. volcanic and coarse volcanoclastic)  
 NICOLA Group (predom. sedimentary)

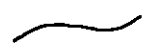
**MESOZOIC (or older?)**  
 Metaconglomerate, schist; metatonalite

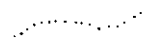
**MID TO LATE PALEOZOIC and TRIASSIC**  
 HARPER RANCH Group, associated rocks (includes some NICOLA Group)

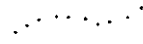
**EARLY TO LATE PALEOZOIC**  
 SILVER CREEK Formation, CHAPPERON Group and associated rocks


**PALEOZOIC (and older ?)**  
 OKANAGAN COMPLEX: gneiss and migmatite


**SYMBOLS**


 UNIT CONTACT


 UNIT CONTACT (INFERRED UNDER QUATERNARY)


 QUATERNARY BOUNDARY

 LAKE BOUNDARY

 FAULT

 DIP-SLIP FAULT (DOTS ON DOWN-THROWN SIDE)

 THRUST FAULT

 LITHOPROBE TRANSECT LINE



## **2006 WORK PROGRAM**

The 2006 work program comprised setting up a small compass and hip chain grid with a baseline at 2050N striking 130 degrees sun subparalleling the 120 degree striking structure known to host weakly auriferous quartz veining discovered by the author in 1995. The grid extended 150 meters in each direction and covered a 300 square meter area. Grid lines spaced 25 meters apart were created as sampling occurred. A total of 38 samples were taken.

## **SAMPLING METHOD AND APPROACH**

Soils samples taken were either comprised of dark brown Bf horizon or if not present C and B horizon regolith. The soils were of two dominant types; till derived mostly present north of 2075 north and regolith derived south of 2100 north. Line 1025E east which occupied a grid north trending recessive depression was also comprised mostly of till. The till was grey fine sandy matrix supported cobble till. The cobbles were subrounded and derived from lithologies assumed from the north..

## **SAMPLE PREPARATION, ANALYSES AND SECURITY**

The samples were taken under the supervision of Elizabeth Pellet a qualified geotechnician and delivered under her supervision to Ecotech Laboratories Ltd. The samples were dried than a minus 80 mesh non organic split was taken. From this split a 15 to 30 gram subsample was analyzed for gold by fire assay with Atomic Adsorption finish (FA-AA) and 28 other element by Induced Coupled Plasma (ICP). The results are appended to this report.

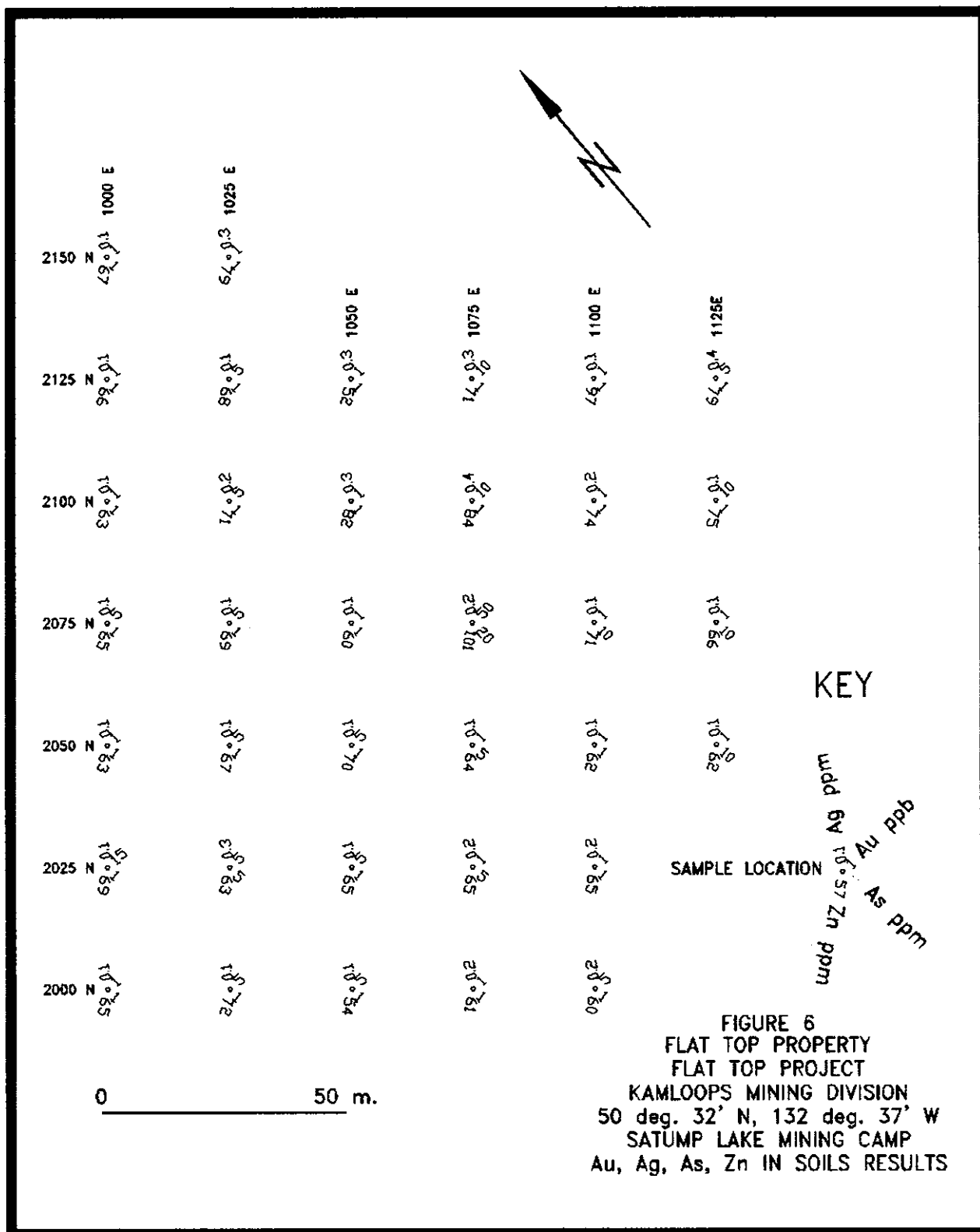
## **DATA VERIFICATION**

No blanks or standards were inserted in to the samples during the sampling procedures. The data verification completed consisted of repeat pulp and 1 sample in 20 insertion of geochemical standards by Ecotech Analytical Laboratories Ltd., as part of their internal QA-QC procedures.

## **EXPLORATION RESULTS**

The results of the soil survey indicate that only one sample, at grid co-ordinate 2075N 1075E returned weakly anomalous gold, arsenic and zinc results. Many samples returned weakly anomalous lead results. These results suggest that a significant gold deposit does not directly underlie the area explored. However only a small part of the property was tested.

Figure 6



**Table 1**

<b>2006 EXPLORATION EXPENDITURES</b>	
MANAGER (Leo Lindinger)	\$ 400.00
TECHNICIAN (Eliabeth Pellet)	\$ 200.00
VEHICLE (Nissan 4x4 pickup)	\$ 80.00
SUPPLIES	\$ 45.00
SOIL SAMPLES	\$ 739.80
REPORT	\$ 800.00
<b>TOTAL EXPENDITURES</b>	<b>\$ 2,264.80</b>

## CONCLUSIONS

The weak soil results obtained during this program and research on past historical reports suggest that the immediate area underlying the area tested in 2006 has limited near surface potential for hosting a significant gold deposit. The widespread hydrothermal alteration may indicate the upper levels of more significant gold mineralization at depth.

## RECOMMENDATIONS

Geochemical testing east and north of the area tested in 2006 is recommended. These areas either host auriferous gold vein mineralization or occupy areas with topographic and lithological features suggesting alteration indicating high alteration possibly overlying buried epithermal gold mineralization. A \$40,000 Phase 1 program comprising soil and rock sampling in the areas recommended above and drill testing of one hole under the area examined in 2006 is proposed. Further exploration expenditures would be contingent on exploration success

**Table 2 Preliminary Phase 1 Budget**

<b>FLATTOP PHASE 1 EXPLORATION BUDGET</b>			
<b>COST ITEM</b>	<b>RATE</b>	<b>QUANTITY</b>	<b>SUBTOTAL</b>
GEOLOGIST	\$800	8 DAYS	\$ 6,400
TECHNICIAN	\$400	12 DAYS	\$ 4,800
VEHICLE	\$ 74	12 DAYS	\$ 800
SOILS SAMPLES	\$200	25	\$ 5,000
ROCK AND CORE SAMPLES	\$ 50	30	\$ 1,500
DRILLING	\$150	100 M	\$ 15,000
SUPPLIES			\$ 400
CONTINGENTGY AT 5%			\$ 2,500
REPORT			\$ 3,600
<b>TOTAL BUDGET</b>			<b>\$ 40,000</b>

**REFERENCES**

Lindinger 1996: Microgold Property, Geological and Geochemical Assessment Report. M.E.M. Assessment Report #24,455. 18 pages plus attachments.

Durfeld 1997: Drilling Report on the Microgold Project for Canquest Resources Ltd. M.E.M. Assessment Report # 24913. 13 pages plus attachments.

White G, 1986: Goldbrae Developments Ltd. Geophysical and Geochemical Assessment Report, Anderson 4 and Bag 1&2 claims. MEME Assessment report # 13788. 37 pages plus attachments.

**CERTIFICATE**

I J. E. Leopold Lindinger, P.Ge. of 680 Dairy Road Kamloops British Columbia hereby state the following.

I graduated in Honours Earth Sciences from the University of Waterloo, Waterloo, Ontario in 1980.

I have practice my profession as an Earth Scientist in the Mineral Exploration and Mining industries continuously since then, in Ontario, British Columbia, Labrador, Nevada, and Mexico.

I own the mineral property known as the Flat Top property.

I designed and supervised the August 2006 exploration program discussed in this report.



J.E.L. Lindinger, P.Ge.

**APPENDIX I – 2006 Soil Geochemical Results**

ICP CERTIFICATE OF ANALYSIS AK 2006-1240

Renaissance Science

Et #	Lot #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zr
26	L10+75E 21+25N	10	0.3	1.69	<5	255	<5	1.63	<1	9	19	48	2.19	10	0.56	480	2	0.02	17	1460	34	5	<20	47	0.04	<10	52	<10	26	7
27	L11+00E 20+00N	5	0.2	2.19	<5	280	5	0.97	1	16	24	69	3.00	20	0.75	864	3	0.02	19	1190	44	10	<20	39	0.07	<10	84	<10	28	6
28	L11+00E 20+25N	<5	0.2	2.85	<5	215	10	0.75	<1	21	24	69	3.89	30	0.87	1121	4	0.02	18	1460	52	<5	<20	23	0.08	<10	119	<10	26	6
29	L11+00E 20+50N	<5	<0.2	2.59	<5	285	10	0.70	<1	16	18	42	3.00	20	0.56	1187	2	0.02	12	1430	50	<5	<20	27	0.09	<10	79	<10	23	6
30	L11+00E 20+75N	<5	<0.2	2.38	10	235	15	0.67	1	20	23	46	3.36	30	0.69	1111	4	0.02	18	1450	48	5	<20	23	0.08	<10	86	<10	26	7
31	L11+00E 21+00N	<5	0.2	1.92	<5	310	15	0.90	<1	14	21	41	2.50	20	0.53	952	3	0.02	21	1120	40	10	<20	36	0.07	<10	61	<10	27	7
32	L11+00E 21+25N	<5	<0.2	2.23	<5	280	10	0.69	1	15	23	34	2.66	20	0.50	1004	3	0.02	17	1490	50	5	<20	25	0.07	<10	63	<10	27	9
33	L11+25E 20+50N	<5	<0.2	2.46	<5	270	15	0.76	<1	13	26	37	2.68	20	0.57	675	<1	0.03	19	1150	48	<5	<20	38	0.09	<10	71	<10	24	5
34	L11+25E 20+75N	<5	<0.2	2.68	10	260	15	0.53	1	18	28	37	3.40	20	0.68	1122	2	0.02	21	1070	52	10	<20	23	0.09	<10	88	<10	20	6
35	L11+25E 21+00N	10	<0.2	2.22	<5	330	15	0.70	<1	15	19	39	2.80	20	0.49	1291	3	0.02	16	1840	46	10	<20	32	0.07	<10	66	<10	19	7
36	L11+25E 21+25N	5	0.4	2.27	<5	300	20	0.71	<1	17	32	41	3.08	20	0.55	899	<1	0.02	23	1650	48	<5	<20	28	0.10	<10	80	<10	33	7

QC DATA:

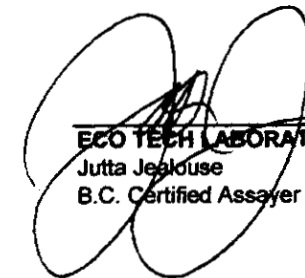
Repeat:

1	L10+00E 20+00N	5	<0.2	2.75	<5	230	5	1.18	2	31	80	97	4.79	20	1.82	1437	4	0.02	31	1420	46	30	<20	36	0.11	<10	157	<10	24	6
10	L10+25E 20+50N	5	0.2	2.17	<5	250	15	1.03	1	25	62	76	4.01	20	1.37	1004	1	0.02	25	1240	42	15	<20	39	0.11	<10	126	<10	23	6
19	L10+50E 21+00N	<5	0.3	2.40	<5	435	10	0.87	<1	14	32	46	3.00	20	0.65	802	2	0.02	25	1130	46	5	<20	36	0.08	<10	71	<10	36	8

Standard:

TII-3			1.7	1.03	85	50	<5	0.55	<1	12	61	20	1.89	10	0.59	309	<1	0.03	31	450	32	<5	<20	10	0.05	<10	40	<10	11	3
OxE42	600																													

JJ/bp  
11/1249  
(LS/06)

  
**ECO TECH LABORATORY LTD.**  
 Jutta Jealous  
 B.C. Certified Assayer

ECO TECH LABORATORY LTD.  
10041 Dallas Drive  
KAMLOOPS, B.C.  
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2006-1240

Renaissance Geoscience  
680 Dairy Road  
Kamloops, BC  
V2B 8H3

Phone: 250-573-5700  
Fax : 250-573-4557

No. of samples received: 36  
Sample Type: Soil  
Project: Flat Top  
Shipment #: 06-01  
Submitted by: L. Lindinger

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L10+00E 20+00N	<5	<0.2	2.65	<5	235	15	1.11	1	30	83	95	4.69	20	1.80	1414	2	0.02	28	1410	44	15	<20	34	0.10	<10	151	<10	22	65
2	L10+00E 20+25N	15	<0.2	2.18	<5	285	15	0.98	1	22	66	69	3.71	20	1.23	1097	2	0.02	21	1430	38	10	<20	34	0.08	<10	113	<10	21	69
3	L10+00E 20+50N	<5	<0.2	2.63	<5	235	15	1.13	<1	29	82	78	4.49	20	1.60	1200	1	0.02	26	1300	42	15	<20	26	0.13	<10	148	<10	19	63
4	L10+00E 20+75N	5	<0.2	2.66	<5	235	10	0.66	1	25	68	65	4.25	20	1.30	1056	2	0.02	26	1200	46	15	<20	22	0.12	<10	129	<10	23	65
5	L10+00E 21+00N	<5	<0.2	2.39	<5	245	5	0.72	<1	19	42	41	3.25	20	0.81	951	<1	0.02	22	1220	44	10	<20	28	0.11	<10	90	<10	24	63
6	L10+00E 21+25N	<5	<0.2	2.48	<5	275	15	0.85	<1	19	53	45	3.29	20	0.77	1141	2	0.02	23	1220	48	5	<20	27	0.10	<10	92	<10	24	66
7	L10+00E 21+50N	<5	<0.2	2.11	<5	290	20	0.77	1	17	34	48	3.04	20	0.72	940	2	0.02	23	1330	42	5	<20	37	0.09	<10	78	<10	25	67
8	L10+25E 20+00N	5	<0.2	2.80	<5	250	<5	1.16	<1	25	23	121	4.21	40	1.18	1729	5	0.02	17	1910	50	10	<20	32	0.05	<10	141	<10	25	72
9	L10+25E 20+25N	5	0.3	2.15	5	300	5	1.14	<1	20	53	71	3.32	20	1.08	905	1	0.02	22	1500	40	10	<20	42	0.08	<10	100	<10	23	63
10	L10+25E 20+50N	5	<0.2	2.19	<5	245	10	1.02	<1	26	65	77	4.10	10	1.39	1017	1	0.02	25	1210	38	15	<20	34	0.11	<10	127	<10	21	67
11	L10+25E 20+75N	5	<0.2	2.34	<5	270	<5	1.06	1	26	78	88	3.99	10	1.34	1243	2	0.02	28	1530	38	15	<20	37	0.09	<10	121	<10	20	69
12	L10+25E 21+00N	5	0.2	1.93	<5	305	<5	0.88	<1	20	37	58	3.52	20	0.85	1106	3	0.02	24	1220	36	5	<20	35	0.08	<10	95	<10	27	71
13	L10+25E 21+25N	5	<0.2	1.77	<5	305	5	1.11	<1	14	27	40	2.67	10	0.59	830	<1	0.02	19	1230	32	10	<20	46	0.07	<10	71	<10	21	68
14	L10+25E 21+50N	<5	0.3	2.15	<5	525	10	0.78	<1	13	21	42	2.63	20	0.52	851	1	0.03	18	990	42	<5	<20	36	0.08	<10	66	<10	31	79
15	L10+50E 20+00N	5	<0.2	1.81	<5	215	<5	0.93	<1	14	24	45	2.80	10	0.75	813	1	0.02	18	970	30	5	<20	35	0.07	<10	75	<10	18	54
16	L10+50E 20+25N	5	<0.2	2.29	<5	430	<5	0.97	<1	17	25	68	3.41	20	0.80	1285	2	0.02	18	1150	40	<5	<20	32	0.08	<10	99	<10	24	65
17	L10+50E 20+50N	5	<0.2	2.31	<5	285	10	0.83	<1	19	18	65	3.29	20	0.73	1369	5	0.02	15	1270	46	10	<20	25	0.05	<10	87	<10	16	70
18	L10+50E 20+75N	<5	<0.2	2.06	<5	260	15	0.82	<1	15	26	42	2.88	20	0.66	843	1	0.02	20	1280	38	10	<20	34	0.08	<10	73	<10	20	60
19	L10+50E 21+00N	<5	0.3	2.29	<5	420	15	0.86	<1	14	32	45	2.89	20	0.63	787	2	0.02	24	1150	46	10	<20	32	0.07	<10	68	<10	36	82
20	L10+50E 21+25N	<5	0.3	1.80	<5	260	<5	2.33	1	9	18	41	2.16	20	0.66	371	4	0.02	17	1250	34	15	<20	64	0.04	<10	53	<10	22	52
21	L10+75E 20+00N	<5	0.2	2.13	<5	250	10	1.14	<1	15	17	50	2.69	20	0.59	985	3	0.02	14	1520	40	5	<20	38	0.06	<10	69	<10	19	61
22	L10+75E 20+25N	<5	0.2	2.30	5	330	5	1.07	1	13	12	41	2.98	30	0.53	1234	4	0.01	10	1810	44	<5	<20	29	0.04	<10	64	<10	18	65
23	L10+75E 20+50N	<5	<0.2	2.44	5	320	<5	1.05	<1	18	19	83	3.26	20	0.68	1263	3	0.02	17	1480	46	5	<20	34	0.06	<10	85	<10	23	64
24	L10+75E 20+75N	50	0.2	2.57	20	540	<5	0.89	1	27	17	94	4.50	30	1.00	1905	6	0.01	22	2130	44	<5	<20	23	0.04	<10	107	<10	28	101
25	L10+75E 21+00N	10	0.4	1.92	<5	310	10	0.98	<1	13	19	41	2.43	10	0.49	1005	2	0.02	16	1170	36	5	<20	34	0.06	<10	60	<10	26	84