

NTS 092H

**BC Geological Survey  
Assessment Report  
29866**

**Technical report on the precious and base metal potential of the Siwash  
Creek Property, Similkameen Mining Division, NTS 092H, British Columbia,  
Canada**

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**TECHNICAL REPORT ON THE**  
**SIWASH CREEK PROPERTY, SIMILKAMEEN MINING DIVISION,**  
**BRITISH COLUMBIA, CANADA**  
**NTS092H**

**TABLE OF CONTENTS**

	<u>PAGE</u>
SUMMARY .....	1
INTRODUCTION .....	3
RELIANCE ON OTHER EXPERTS .....	3
PROPERTY DESCRIPTION AND LOCATION.....	3
ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY .....	9
HISTORY.....	14
GEOLOGICAL SETTING .....	22
DEPOSIT TYPES .....	24
MINERALIZATION.....	25
EXPLORATION .....	28
DRILLING .....	31
SAMPLING METHOD AND APPROACH .....	47
SAMPLE PREPARATION, ANALYSES AND SECURITY .....	48
DATA VERIFICATION .....	49
ADJACENT PROPERTIES.....	49
MINERAL PROCESSING AND METALLURGICAL TESTING .....	51
MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES.....	51
EXPLORATION EXPENDITURES.....	51
INTERPRETATION AND CONCLUSIONS .....	52
RECOMMENDATIONS.....	53
REFERENCES .....	55
CERTIFICATION .....	58

**TECHNICAL REPORT ON THE**  
**SIWASH CREEK PROPERTY, SIMILKAMEEN MINING DIVISION,**  
**BRITISH COLUMBIA, CANADA**  
**NTS092H**

**TABLES**

TABLE	<u>PAGE</u>
1 Siwash Property mineral claims and lot status.....	4
2 Siwash Property work summary.....	15
3 Siwash Property historic diamond drilling summary.....	16
4 Siwash Property historic assay highlights .....	18
5 Siwash Property significant drillhole intercepts .....	19
6 Grab sample highlights from the 2006 exploration program, Siwash Property	30
7 Results from 2006 screen metallica analyses.....	31
8 Recommended 2007-2008 program and budget for the Siwash Property.....	54

**FIGURES**

FIGURE	<u>PAGE</u>
1 Siwash Property location .....	7
2 Siwash Property claims distribution .....	8
3 Siwash Creek Property historic underground development .....	11
4 Siwash Property drill hole locations .....	12
5 Siwash Property geology .....	13
6 Historic and current rock sampling results for gold (Au), Siwash Property .....	32
7 Historic and current rock sampling results for silver (Ag), Siwash Property .....	33
8 Historic and current rock sampling results for copper (Cu), Siwash Property ..	34
9 Historic and current rock sampling results for lead (Pb), Siwash Property.....	35
10 Historic and current rock sampling results for zinc (Zn), Siwash Property .....	36
11 Historic and current soil sampling results for gold (Au), Siwash Property .....	37
12 Historic and current soil sampling results for silver (Ag), Siwash Property .....	38

13	Historic and current soil sampling results for copper (Cu), Siwash Property..	39
14	Historic and current soil sampling results for lead (Pb), Siwash Property .....	40
15	Historic and current soil sampling results for zinc (Zn), Siwash Property.....	41
16	Current stream sediment sampling results for gold (Au), Siwash Property ....	42
17	Current stream sediment sampling results for silver (Ag), Siwash Property ..	43
18	Current stream sediment sampling results for copper (Cu), Siwash Property	44
19	Current stream sediment sampling results for lead (Pb), Siwash Property ....	45
20	Current stream sediment sampling results for zinc (Zn), Siwash Property.....	46

## **APPENDICES**

APPENDIX (at end)

- 1 SAMPLE DESCRIPTIONS: Grab, Soil, Stream Sediment
- 2 LABORATORY CERTIFICATES: Grab, Soil, Stream Sediment Samples
- 3 EXPLORATION EXPENDITURE DETAILS
- 4 MAPS OF SAMPLE LOCATIONS

**Technical report on the Precious and Base Metal potential of the Siwash  
Creek Property, Similkameen Mining Division, NTS 092H, British Columbia,  
Canada**

**SUMMARY**

This report is written as a Technical Report for the Siwash Creek Property (“the Siwash Property”) which is currently held entirely by Ravencrest Resources Inc. (“Ravencrest”). The report is written to comply with standards set out in National Instrument 43-101 for the Canadian Securities Administration.

Through a recent acquisition from International Tower Hill Mines Ltd. (“ITH”) Ravencrest has acquired all interest of ITH in ninety-seven (97) mineral claims and one (1) lot, located in the Similkameen Mining District, British Columbia (including the Optioned Claims), and referred to as the Siwash Property. By doing so Ravencrest has agreed to assume all outstanding liabilities and all risk and responsibility related to the Siwash Property and the operations carried out thereon. Furthermore, ITH has retained, out of the conveyance of the Siwash Property to Ravencrest, a five per cent (“%”) net smelter returns royalty on all production from the Siwash Property. Exploration expenditures for technical exploration work detailed in this report totalled \$116,107.88.

The Siwash Property is located within the Similkameen Mining Division in southeastern British Columbia, Canada within the 1:250,000 scale National Topographic System map area of 092H. The Siwash Property consists of 97 contiguous mineral claims and one lot owned 100% by Ravencrest.

The Property has experienced exploration for precious and base metals for almost 100 years. The majority of exploration has focussed on structurally controlled polymetallic veins and Brenda-style porphyry mineralization. Early exploration targeted the polymetallic veins resulting in a number of underground workings developed between 1917 and 1952. Recent exploration has focused on the porphyry copper and/or molybdenum (“Cu +/- Mo”) potential of the Siwash Property.

During the fall of 2006, 68 rock grab/chip samples, 641 soil samples and 78 stream sediment samples were collected at the Siwash Property. These samples were collected to follow up on previous sampling programs, to further define known anomalies and attempt to locate new areas of interest. A rock grab sample from the Camp/Spud showing returned assays of 2651 parts per million (“ppm”) silver (“Ag”) (77.32 ounces per tonne (“oz/tonne”)), 4.68 percent (“%”) copper (“Cu”), 3.09% zinc (“Zn”), 5.67% lead (“Pb”) and 0.53 grams per tonne (“g/t”) gold (“Au”). In addition a quartz vein grab sample from the Fisher Maiden adit located 1300 meters to the north of the Camp/Spud showing returned assays of 7.68 g/t Au, 5.71% Zn and 16.28% Pb. Soil sampling has defined two large

Zn-Pb anomalies within the eastern portion of the Siwash Property. A soil sample from the easternmost anomaly returned an assay of 1238 ppm (0.12%) Zn. Stream sediment sampling near the eastern soil anomaly returned two adjacent samples assaying 589 parts per billion (“ppb”) Au and 1315 ppb Au; the highest Au in stream assays recovered within the Siwash Property.

Brief mapping was also conducted during the 2006 field season. In the authors opinion the potential for polymetallic veins and/or Cu-Au porphyry/iron-oxide-copper-gold (“IOCG”) style mineralization at the Siwash Property remains good. Of particular interest is the Camp showing, which showed favourable geochemical results from this years sampling. No exploration was conducted at the Siwash Property during 2007 nor has any occurred to date during 2008.

Based on the sampling results to date, favourable geology and proximity to known deposits further exploration is warranted at the Siwash Property. It is recommended that a two stage exploration program consisting of the following be completed:

**Phase 1:** a) Compilation of historical data, particularly drillhole locations, grab samples and localized soil sampling grids should be considered a priority, particularly information pertaining to the Camp showing. b) Completion of a high resolution helicopter airborne magnetic and electromagnetic survey over the Siwash Property claims. Particular attention should be paid to linear magnetic and electromagnetic conductor anomalies along the margins of the quartz eye porphyry body and within the granite/syenogranite hosting the Camp showing. c) The collection 50 metre spaced infill soil samples at 100 metre line spacing to further delineate 2006 soil anomalies on the eastern claims. In total, approximately 1000 soil samples should be collected. As well, as part of a standard quality control/quality assurance program, ten percent (10%) of all samples should be collected in duplicate (i.e. an additional 100 samples; 1100 samples total). Additional rock sampling and geological mapping at the Camp showing should be completed. This should incorporate chip sampling to obtain better data on mineralized zone widths. In total, approximately 50 rock samples should be collected. d) Ground-proofing and ground geophysical surveying (magnetic and time domain electromagnetic surveys) of geophysical anomalies following the 2008 airborne geophysical survey (not yet completed) should be completed during the 2008 field program. The estimated cost to complete Phase 1 exploration is \$299,850 plus GST.

**Phase 2: The Phase 2 exploration is contingent on the results of the Phase 1 exploration.** a) Diamond drilling program at the Camp showing and for high priority soil/geophysical anomalies. The estimated cost to complete Phase 2 exploration is \$300,000, plus GST.

The total cost of Phase 1 and Phase 2 exploration is estimated at \$599,850.

## **INTRODUCTION**

This report is written as a Technical Report for the Siwash Property which is 100% held by Ravencrest Resources Inc. The report is written to comply with standards set out in National Instrument 43-101 for the Canadian Securities Administration.

APEX Geoscience Ltd. (“APEX”), Edmonton, Alberta was retained during 2006 to carry out an exploration program consisting of rock and soil sampling and property assessment. Dean Besserer, a Principal of APEX Geoscience Ltd. conducted a site visit at the Property on October 29, 2006. At this time Mr. Besserer was able to visit some of the specific showings and had visited the Siwash Property in prior years (Besserer and Armstrong, 2004).

The purpose of this Technical Report is to put forth and interpret information gathered from the Siwash Property to date in addition to making sound scientifically based recommendations for future work on the Siwash Property. The data used in this report includes those references listed in the “References” section as well as data gathered during the 2006 field season.

## **RELIANCE ON OTHER EXPERTS**

The author, in writing this report, uses sources of information as listed in the references. This report is a compilation of proprietary and publicly available information as well as information obtained during the 2006 exploration program on the Siwash Property. The government reports, some Assessment filings, and geological reports were prepared by a person (or persons) holding post secondary geology or a related university degree(s), prior to the implementation of the standards relating to National Instrument 43-101. The information in those reports is, therefore, assumed to be accurate. Those reports written by other geologists are also assumed to be accurate based on the property visit and data review conducted by the author; however they are not the basis for this report.

## **PROPERTY DESCRIPTION AND LOCATION**

The Siwash Property is located in southeastern British Columbia (Figure 1), Canada within the 1:250,000 scale National Topographic System (“NTS”) map area of 092H and British Columbia Energy and Minerals Branch Mineral Titles reference map M092H079 within the Similkameen Mining Division.

The Siwash Property was acquired via a recent acquisition from ITH. Ravencrest has acquired all interest of ITH in and to ninety-seven (97) mineral claims and one (1) lot, located in the Similkameen Mining District, British Columbia (including the Optioned Claims), and referred to as the “Siwash Property”. Mineral claim and lot status details are listed in Table 1 and shown in Figure 2. By doing so

**Table 1: Siwash Property mineral claims and lot status.**

**Mineral Claims**

<b>Tenure Number</b>	<b>Claim Name</b>	<b>NTS</b>	<b>Issued Date</b>	<b>Expiration Date</b>	<b>Area (Ha)</b>
248600	ED	092H079	1976//06/29	2012/11/01	150.0
248608	ED #2	092H079	1976/11/23	2012/11/01	50.0
248637	SASKAT #1	092H079	1978/0629	2012/11/01	25.0
248638	SASKAT #2	092H079	1978/06/29	2012/11/01	25.0
248639	JUNE #1	092H079	1978/06/29	2012/11/01	25.0
248669	JUNE #2	092H079	1978/09/01	2012/11/01	200.0
248680	V.M. NO. 1	092H079	1978/10/05	2012/11/01	25.0
248681	V.M. NO. 2	092H079	1978/10/05	2012/11/01	25.0
248682	V.M. NO. 3	092H079	1978/10/05	2012/11/01	25.0
248683	V.M. NO. 4	092H079	1978/10/05	2012/11/01	25.0
249289	B & D	092H079	1988/01/04	2012/11/01	300.0
249730	LON #1	092H079	1989/10/03	2012/11/01	25.0
249731	LON #2	092H079	1989/10/03	2012/11/01	25.0
249732	LON #3	092H079	1989/10/03	2012/11/01	25.0
249733	LON #4	092H079	1989/10/03	2012/11/01	25.0
249734	LON 5	092H079	1989/10/03	2012/11/01	25.0
249735	LON #6	092H079	1989/10/03	2012/11/01	25.0
249736	LON #7	092H079	1989/10/03	2012/11/01	25.0
249737	LON #8	092H079	1989/10/03	2012/11/01	25.0
249738	LON #9	092H079	1989/10/03	2012/11/01	25.0
249739	LON #10	092H079	1989/10/03	2012/11/01	25.0
250158	PETERSON	092H079	1961/02/06	2012/11/01	25.0
321384	LUCKY 1	092H079	1993/09/30	2012/11/01	25.0
322573	BLUE 1	092H079	1993/11/01	2012/11/01	25.0
322574	BLUE 2	092H079	1993/11/01	2012/11/01	25.0
322575	BLUE 3	092H079	1993/11/01	2012/11/01	25.0
322576	BLUE 4	092H079	1993/11/01	2012/11/01	25.0
322577	BLUE 5	092H079	1993/11/01	2012/11/01	25.0
322578	BLUE 6	092H079	1993/11/01	2012/11/01	25.0
323027	BIG BOY 1	092H079	1993/12/15	2012/11/01	25.0
323028	BIG BOY 2	092H079	1993/12/15	2012/11/01	25.0
323029	BIG BOY 3	092H079	1993/12/15	2012/11/01	25.0
323030	BIG BOY 4	092H079	1993/12/15	2012/11/01	25.0
323031	BIG BOY 5	092H079	1993/12/15	2012/11/01	25.0
323032	BIG BOY 6	092H079	1993/12/15	2012/11/01	25.0
323033	BIG BOY 7	092H079	1993/12/15	2012/11/01	25.0
323034	BIG BOY 8	092H079	1993/12/15	2012/11/01	25.0
323035	BIG BOY 9	092H079	1993/12/15	2012/11/01	25.0
331198	BLUE 12	092H079	1994/09/15	2012/11/01	25.0
331199	BLUE 13	092H079	1994/09/15	2012/11/01	25.0
331200	BLUE 10	092H079	1994/09/15	2012/11/01	25.0
331201	BLUE 11	092H079	1994/09/15	2012/11/01	25.0



<b>Tenure Number</b>	<b>Claim Name</b>	<b>NTS</b>	<b>Issued Date</b>	<b>Expiration Date</b>	<b>Area (Ha)</b>
331533	BLUE 14	092H079	1994/09/27	2012/11/01	25.0
331534	BLUE 15	092H079	1994/09/27	2012/11/01	25.0
331535	BLUE 16	092H079	1994/09/27	2012/11/01	25.0
331536	BLUE 17	092H079	1994/09/27	2012/11/01	25.0
331537	BLUE 18	092H079	1994/09/27	2012/11/01	25.0
331538	BLUE 19	092H079	1994/09/27	2012/11/01	25.0
331539	BLUE 20	092H079	1994/09/27	2012/11/01	25.0
331540	BLUE 21	092H079	1994/09/27	2012/11/01	25.0
331541	BLUE 22	092H079	1994/09/27	2012/11/01	25.0
331542	BLUE 23	092H079	1994/09/27	2012/11/01	25.0
331543	BLUE 24	092H079	1994/09/27	2012/11/01	25.0
331544	BLUE 25	092H079	1994/09/27	2012/11/01	25.0
331545	BLUE 26	092H079	1994/09/27	2012/11/01	25.0
331546	BLUE 27	092H079	1994/09/27	2012/11/01	25.0
331547	BLUE 28	092H079	1994/09/27	2012/11/01	25.0
331548	BLUE 29	092H079	1994/09/27	2012/11/01	25.0
332426	BLUE 30	092H079	1994/10/26	2012/11/01	25.0
332427	BLUE 31	092H079	1994/10/26	2012/11/01	25.0
339364	CUSH 1	092H079	1995/08/14	2012/11/01	25.0
339365	CUSH 2	092H079	1995/08/14	2012/11/01	25.0
339366	CUSH 3	092H079	1995/08/14	2012/11/01	25.0
339367	CUSH 4	092H079	1995/08/14	2012/11/01	25.0
339368	CUSH 5	092H079	1995/08/14	2012/11/01	25.0
339369	CUSH 6	092H079	1995/08/14	2012/11/01	25.0
339370	CUSH 7	092H079	1995/08/14	2012/11/01	25.0
339371	CUSH 8	092H079	1995/08/14	2012/11/01	25.0
339372	CUSH 9	092H079	1995/08/14	2012/11/01	25.0
339373	CUSH 10	092H079	1995/08/14	2012/11/01	25.0
339374	CUSH 11	092H079	1995/08/14	2012/11/01	25.0
339375	CUSH 12	092H079	1995/08/14	2012/11/01	25.0
339376	CUSH 13	092H079	1995/08/14	2012/11/01	25.0
339805	BLUE 34	092H079	1995/08/30	2012/11/01	25.0
339806	BLUE 35	092H079	1995/08/30	2012/11/01	25.0
339807	BLUE 36	092H079	1995/08/30	2012/11/01	25.0
339808	BLUE 37	092H079	1995/08/30	2012/11/01	25.0
339809	BLUE 38	092H079	1995/08/30	2012/11/01	25.0
353245	BING 1	092H079	1997/01/09	2012/11/01	300.0
411483	SIWASH 1	092H079	2004/06/17	2012/11/01	500.0
411484	SIWASH 2	092H079	2004/06/17	2012/11/01	500.0
411485	SIWASH 3	092H079	2004/06/17	2012/11/01	400.0
411486	SIWASH 4	092H079	2004/06/17	2012/11/01	400.0
411487	SIWASH 5	092H079	2004/06/17	2012/11/01	375.0
411488	SIWASH 21	092H079	2004/06/17	2012/11/01	25.0
411489	SIWASH 22	092H079	2004/06/17	2012/11/01	25.0
411490	SIWASH 11	092H079	2004/06/17	2012/11/01	25.0
411491	SIWASH 12	092H079	2004/06/17	2012/11/01	25.0

<b>Tenure Number</b>	<b>Claim Name</b>	<b>NTS</b>	<b>Issued Date</b>	<b>Expiration Date</b>	<b>Area (Ha)</b>
411492	SIWASH 13	092H079	2004/06/17	2012/11/01	25.0
411493	SIWASH 14	092H079	2004/06/17	2012/11/01	25.0
411494	SIWASH 15	092H079	2004/06/17	2012/11/01	25.0
411495	SIWASH 16	092H079	2004/06/17	2012/11/01	25.0
411496	SIWASH 17	092H079	2004/06/17	2012/11/01	25.0
411497	SIWASH 18	092H079	2004/06/17	2012/11/01	25.0
411498	SIWASH 19	092H079	2004/06/17	2012/11/01	25.0
411499	SIWASH 20	092H079	2004/06/17	2012/11/01	25.0

### **Lots**

<b>Tenure Number</b>	<b>Claim Name</b>	<b>NTS</b>	<b>Issued Date</b>	<b>Expiration Date</b>	<b>Area (Ha)</b>
248607	Lot 3779	092H079	1976/11/22	2010/11/01	25.0

Ravencrest has agreed to assume all outstanding liabilities and all risk and responsibility related to the Siwash Property and the operations carried out thereon. Furthermore, ITH has retained, out of the conveyance of the Siwash Property to Ravencrest, a 5% net smelter return royalty on all production from the Siwash Property. The mineral claims have various anniversary dates by which work must be filed in order to maintain the claims in good standing. Details on the Siwash Creek claims are shown in Table 1. The Siwash Property has not been legally surveyed. On September 20, 2007 Ravencrest filed exploration expenditures with the British Columbia Ministry of Energy and Mines and Petroleum Resources Mineral Titles Branch (event number 4170754) for technical exploration work detailed in this report.

In British Columbia, the owner of a mineral claim acquires the right to the minerals which were available at the time of claim location and as defined in the Mineral Tenure Act of British Columbia. Surface rights are not included. Claims are valid for one year and the anniversary date is the annual occurrence of the date of record (the staking completion date of the claim). To maintain a claim in good standing the claim holder must, on or before the anniversary date of the claim, pay the prescribed recording fee and either: (a) record the exploration and development work carried out on that claim during the current anniversary year; or (b) pay cash in lieu of work. The amount of work required in the first 3 years is \$100 per claim unit per year and \$200 per claim unit per year in years 4 and forward. Only work and associated costs for the current anniversary year of the mineral claim may be applied toward that claim unit. If the value of work performed in a year exceeds the required minimum the value of the excess work, in full year multiples can be applied to cover work requirements on the claim for additional years (subject to the regulations). A report detailing work done and expenditures must be filed with, and approved by, the B.C. Ministry of Energy and Mines. All work carried out on a claim that disturbs the surface by



Figure 1: Location of the Siwash Property.

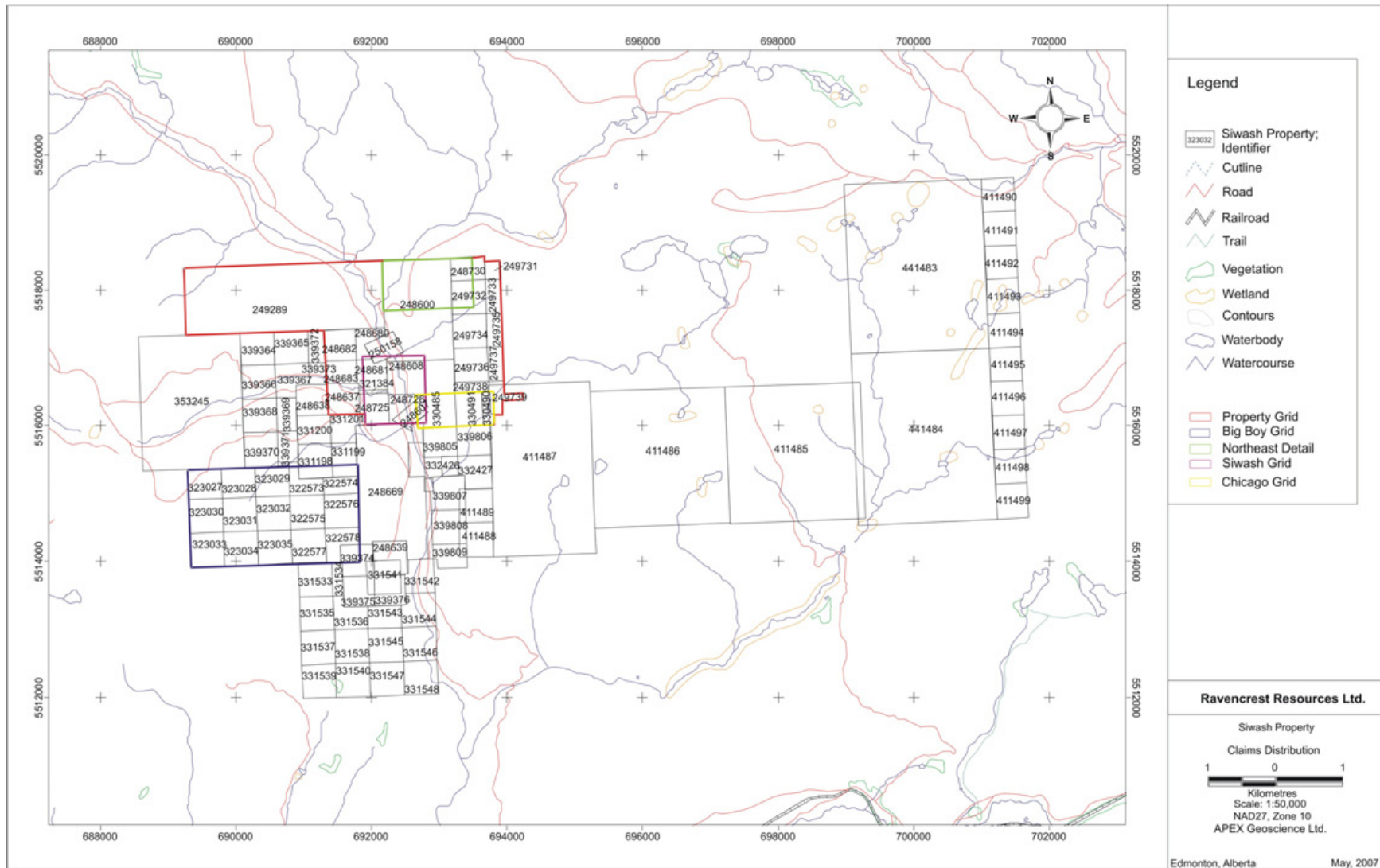


Figure 2: Siwash Property claims distribution.

mechanical means (includes drilling, trenching, excavating, blasting, construction or demolition of a camp or access, induced polarization surveys using exposed electrodes and site reclamation) requires a notice of work under the mines act and the owner must receive written approval from the district inspector of mines prior to undertaking the work. The notice of work must include: the pertinent information as outlined in the mines act; additional information as required by the inspector; maps and schedules for the proposed work; applicable land use designation; up to date tenure information; and, details of actions that will minimize and adverse impacts of the proposed activity. The claim owner must outline the scope and type of work to be conducted, and approval generally takes about one month. A notice of work application has currently not been filed with respect to the Siwash Property.

Exploration activities not requiring a notice of work include: prospecting with hand tools; geological/geochemical surveys; airborne geophysical surveys; ground geophysics without exposed electrodes; hand trenching (no explosives); and, the establishment of grids (no tree cutting). These activities and those that require permits are outlined and governed by the mines act of British Columbia. The chief inspector of mines makes the decision whether or not land access will be permitted. Other agencies, principally the ministry of forests, determine where and how the access may be constructed and used. With the chief inspector's authorization, a mineral tenure holder must be issued the appropriate "special use permit" by the ministry of forests, subject to specified terms and conditions. The Ministry of Energy and Mines makes the decision whether land access is appropriate and the ministry of forests must issue a special use permit. However, three ministries, namely the ministry of energy and mines; forests; and environment, lands and parks, jointly determine the location, design and maintenance provisions of the approved road.

The authors have not seen or are aware of any applicable terms and/or conditions for access or the conditions/terms for current work permits required or issued to Ravencrest for the Siwash Property.

The locations of known mine workings and drill holes are shown on Figure 3 & 4. Known showings are displayed in Figure 5. A detailed discussion of the mine workings and showings is dealt with under the "History" section below.

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

The Siwash Property is located in the Okanagan region of British Columbia. It lies approximately 45 kilometres southeast of Merritt and 35 kilometers northeast of Princeton B.C. Access to the Siwash Property is made via the Loon Lake road south of Highway 97C. After a twenty kilometre drive along the Loon Lake road access is gained to the Siwash Property via the Shrimpton network of logging roads. The centre of the Siwash Property lies at approximately 120°20'W

longitude, 49°46' latitude. Elevations over the Siwash Property range from 1,200 to 1,580 meters above sea level. Vegetation cover consists primarily of pine trees. Several areas of the Siwash Property have undergone clear-cut logging and the resulting road networks provide access to the showings. Climate is moderate with temperatures ranging from -30°C during winter months to +30°C during the summer. Snow cover is usually established by early November.

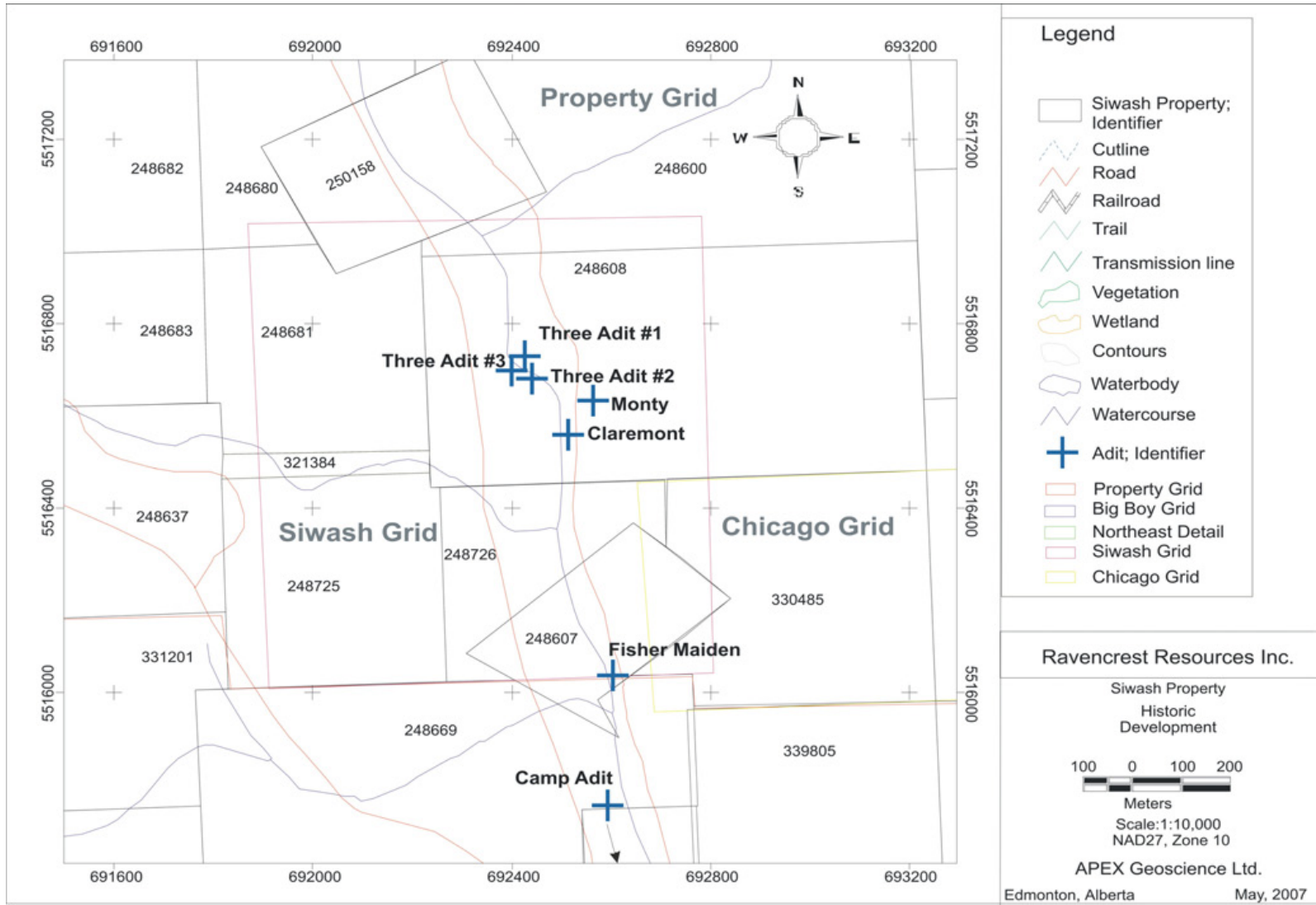


Figure 3: Siwash Property historic underground development.

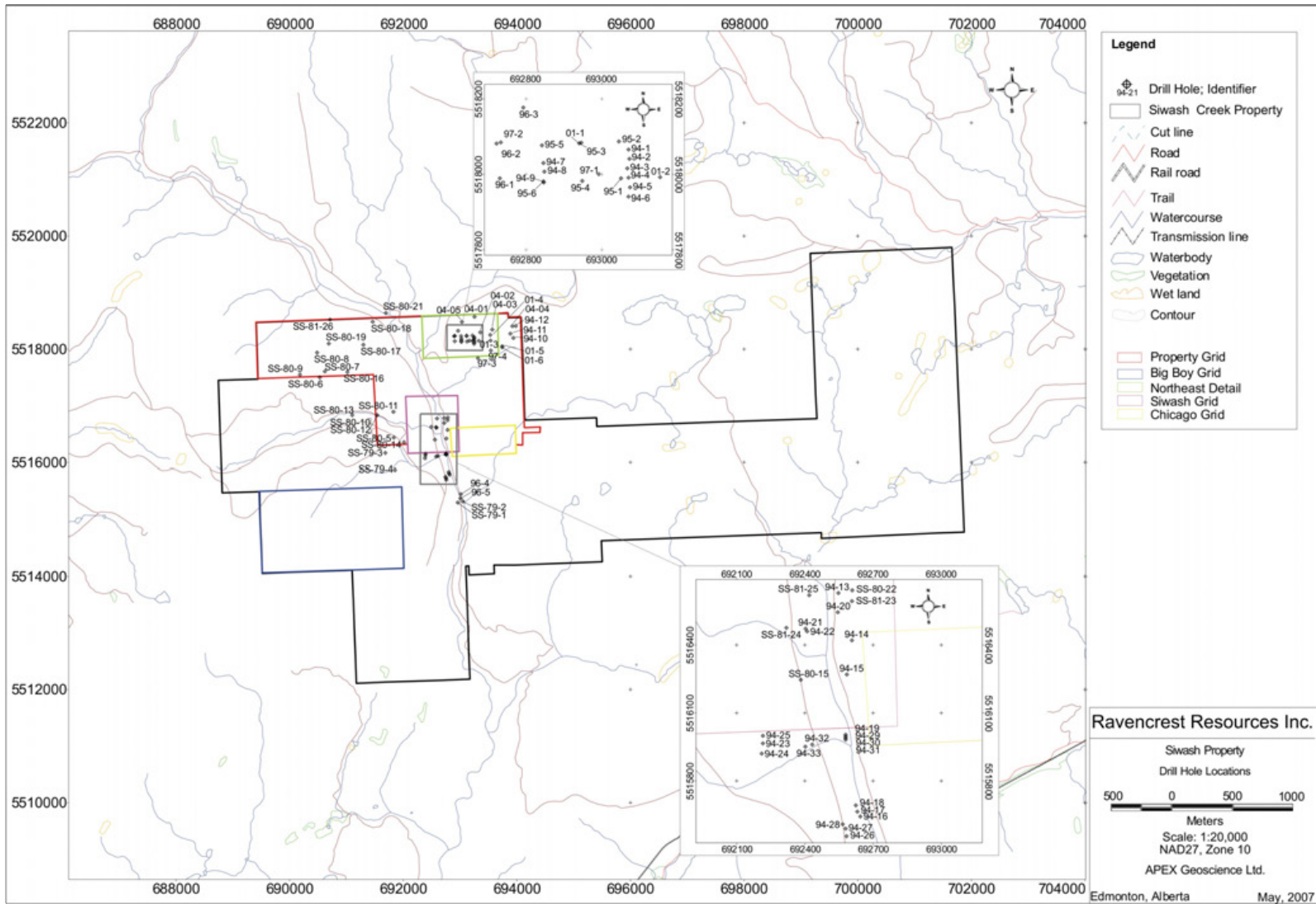


Figure 4: Siwash Property drill hole locations.



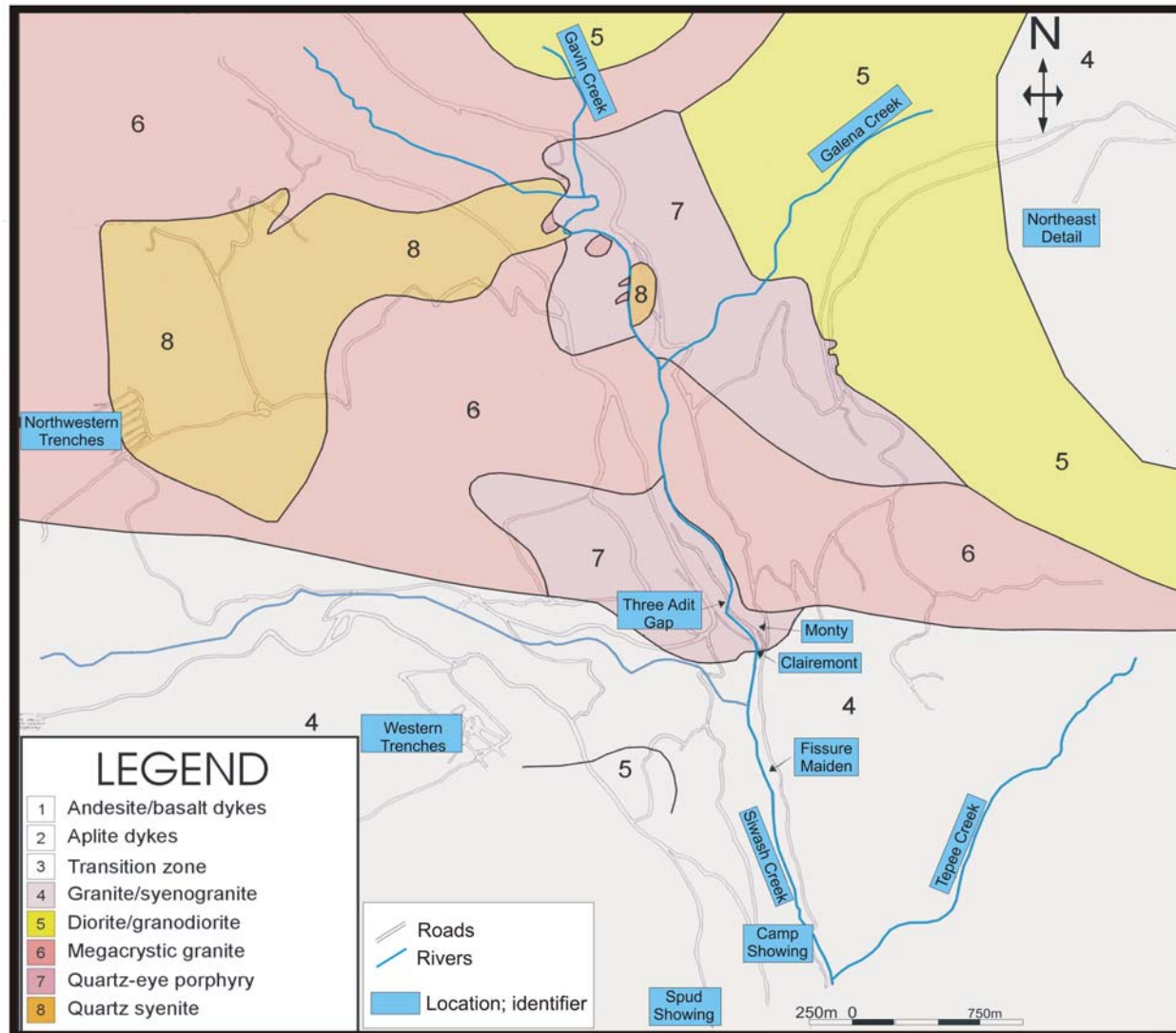


Figure 5: Siwash Property geology (modified from Grove (1989)).

## **HISTORY**

The Siwash Property has seen sporadic exploration for precious metals since the early 1900's. Details regarding early exploration efforts are limited to the Annual Report of Minister of Mines for the Province of British Columbia. More concerted exploration was conducted through the 1980's/90's to present. The earliest records of work date back to 1917 when the first claims were recorded in the Siwash Creek area. Limited placer mining was done within the Siwash drainage, mainly on benches above the creek. Table 2 lists a summary of work conducted on the Siwash Property, Table 3 outlines a summary of diamond drillholes, Table 4 lists highlights of previous rock sampling programs and Table 5 lists some significant drill core intersections and assay results.

Records for drifting (Figure 3) and surface work on claims that are encompassed by the present day Siwash Property during the first half of the 20<sup>th</sup> century (1917-1960) are sketchy and best summarized by reports in the Annual Report of Minister of Mines for the Province of British Columbia (B.C. Minister of Mines Annual Reports, 1917, 25, 27, 28, 29, 51, 52).

The Three Adit gap area is comprised of the 3 separate adits (#1,#2, #3) straddling Siwash Creek developed in the period of 1917 to the late 1920's (Figure 3). In total, approximately 120-150 meters of drifting was completed: #1 adit (east bank of Siwash creek) 9-15 meters; #2 adit (west bank across from #1) 91 meters; #3 adit (west bank 18 meters south of #2) 38 meters of development. Reports indicate quartz veins with thicknesses ranging from 5 centimeters to 1.8 meters. Assay information is not available for this development. Twenty seven tons of ore was processed in 1926 and a total of 3 ounces of gold, 3.38 ounces silver, and 1.58 pounds lead were recovered (Annual Report of Mines, B.C., 1928).

The Monty adit is located 150 meters downstream from the Three Adit Gap and comprises a 9 meter long adit driven into the east bank of Siwash Creek. The Claremont Adit is located on the east side of Siwash Creek, 100 meters downstream from the Monty adit. Historical records indicate approximately 150 meters of development within 3 adits and crosscuts to exploit a 10-30 cm wide vein, which is reported to have returned an assay of 0.10 ounces per ton (opt) Au, and 269.8 opt Ag. There are discrepancies in the published literature between developments at the Claremont adit versus developments at the Three Adit Gap in that the two locations have been confused during transcription. The Fissure (aka Fisher) Maiden Adit is a 15 m long adit on the east side of Siwash Creek, south of the Claremont and Monty adits. Veining has been exposed in trenches and open cuts on the west side of the creek. The Camp adit is located on the west side of Siwash Creek southwest of Fissure Maiden along a deep and wide trench. It is approximately 10 meters long and appears to have targeted a quartz-chalcopyrite-silver vein and its surrounding hematite-chalcopyrite-galena alteration envelope.

**Table 2: Siwash Property work summary**

Type of Work	Year	Summary
Diamond Drilling	1979	3 holes, 514 meters
	1980	17 holes, 2930.5
	1981	4 holes, 524 meters
	1996	5 holes, 808 meters
	1997	5 holes, 829.05 meters
	2001	6 holes, 1054.74 meters
Percussion Drilling	2004	5 holes, 1013 meters
	1994	33 holes, 531.5 meters
	1995	6 holes, 378 meters
Re-logging Drill Core	1989	4040 meters re-logged, 195 samples taken
Soil Sampling	1980	1820 samples
	1988	468 samples
	1989	76 samples
	1993	1958 samples
	1994	1384 samples
	2006	647 samples
Stream Sediment	1993	33 sediment samples
	2006	78 sediment samples
Rock Sampling	1988	53 rock samples
	1989	88 rock samples
	1993	242 rock samples
	1994	53 rock samples
	2006	67 rock samples
Geophysics	1979	42.8 line km of Induced Polarization north/northeast
	1980	21 line km of magnetometer, northeastern grid
Geological Mapping	1980	1:7500 northeastern grid
	1994	5 grid areas (magnetics and EM-VLF)
	1989	1:5000 along roadcuts, drainages
	2006	1:5000, 1:2000 Cursory mapping
Remote Sensing	1993	Landsat Imagery
Trenching	1992	6 backhoe trenches

During the 1960's and 1970's various groups conducted preliminary exploration programs for porphyry copper deposits in and around the Siwash Property. These groups include Phelps Dodge Corporation of Canada Ltd., Utah Mines Ltd., Great Plains Development Co. of Canada Ltd., Pan Arctic Exploration Ltd., Diana Explorations Ltd., and others. Brenda Mines Ltd. conducted exploration over the Siwash Property coincident with initiation of production from the Brenda copper-molybdenum deposit which is located approximately 25 kilometers northeast of the Siwash Property. Brenda Mines Ltd. conducted Induced Polarization (I.P.) geophysical surveys, soil geochemistry surveys, and drilled 26 diamond drill holes (in 1979, 1980 and 1981) within what is now the Siwash Property in search of a Cu porphyry system. Alteration and geophysical responses were positive, but no economic mineralization was discovered.

Brenda Mines Ltd. conducted soil surveys, diamond drilling, prospecting and geophysical surveys in the early part of the 1980's. International Tower Hill Mines Ltd. acquired the Property in 1988. Work in 1988 included a soil sample geochemical survey on a grid established over the historic workings (1,200 x 1,800 meters), in conjunction with minor rock (grab) sampling. In 1989, 26 holes drilled by Brenda Mines Ltd. were re-logged and sampled for gold (not assayed for by Brenda Mines). This work was carried out in conjunction with geological

**Table 3: Siwash Property historic diamond drilling summary**

Year	Hole	Easting	Northing	Azimuth	Dip	Depth
1979	SS-79-1	692786	5515151	360	-60	111.58
1979	SS-79-2	692871	5515171	360	-45	90.24
1979	SS-79-3	691510	5516014	360	-55	312.2
1980	SS-80-4	691677	5515726	?	?	267.3
1980	SS-80-5	691655	5516283	360	-60	214.88
1980	SS-80-6	690352	5517349	60	-45	226.2
1980	SS-80-7	690442	5517456	90	-50	254.5
1980	SS-80-8	690308	5517788	60	-50	227.7
1980	SS-80-9	690004	5517395	360	-50	66.1
1980	SS-80-10	691366	5516680	360	-45	182.27
1980	SS-80-11	691651	5516738	360	-50	123.7
1980	SS-80-12	691366	5516680	180	-50	150.6
1980	SS-80-13	690925	5516682	180	-50	99.7
1980	SS-80-14	691836	5516207	?	?	294.7
1980	SS-80-15	692381	5516245	330	-60	242.9
1980	SS-80-16	690843	5517441	150	-60	34.14
1980	SS-80-17	691124	5517924	150	-60	78.33
1980	SS-80-18	691284	5518333	?	?	50.9
1980	SS-80-19	690512	5517945	?	?	43.6
1980	SS-80-20	?	?	360	-60	193.55
1980	SS-80-21	691517	5518484	310	-45	89.9
1980	SS-80-22	692608	5516642	360	-60	89.5
1981	SS-81-23	692606	5516594	310	-60	205.7
1981	SS-81-24	692318	5516476	360	-45	104.85
1981	SS-81-25	692419	5516621	310	-45	111.3
1981	SS-81-26	690533	5518371	360	-65	102.1
1994	94-1	693069	5518065	na	-90	7.62
1994	94-2	693072	5518040	na	-90	4.57
1994	94-3	693066	5518015	na	-90	6.1
1994	94-4	693069	5517990	na	-90	4.57
1994	94-5	693073	5517965	na	-90	4.57
1994	94-6	693069	5517940	na	-90	4.57
1994	94-7	692845	5518029	na	-90	7.62
1994	94-8	692847	5518006	na	-90	7.62
1994	94-9	692845	5517981	na	-90	7.62
1994	94-10	693760	5518046	na	-90	9.14
1994	94-11	693710	5518120	na	-90	18.29
1994	94-12	693803	5518258	na	-90	7.01
1994	94-13	692547	5516629	na	-90	27.43
1994	94-14	692606	5516420	na	-90	32
1994	94-15	692584	5516269	na	-90	21.34
1994	94-16	692643	5515642	na	-90	4.57
1994	94-17	692630	5515663	na	-90	10.67
1994	94-18	692624	5515691	na	-90	4.57
1994	94-19	692578	5515996	na	-90	18.3
1994	94-20	692544	5516545	na	-90	41.15
1994	94-21	692403	5516472	na	-90	10.67
1994	94-22	692409	5516460	na	-90	7.62
1994	94-23	692214	5515965	na	-90	19.81
1994	94-24	692209	5515920	na	-90	13.72

Year	Hole	Easting	Northing	Azimuth	Dip	Depth
1994	94-25	692215	5515998	na	-90	15.24
1994	94-26	692583	5515555	na	-90	13.72
1994	94-27	692578	5515588	na	-90	16.76
1994	94-28	692565	5515608	na	-90	15.24
1994	94-29	692578	5516003	180	-75	22
1994	94-30	692578	5515989	na	-90	27
1994	94-31	692579	5515981	na	-90	38.1
1994	94-32	692432	5515960	na	-90	42.67
1994	94-33	692401	5515950	360	-80	39.62
1995	95-1	693049	5517988	na	-90	60
1995	95-2	693044	5518087	na	-90	60
1995	95-3	692944	5518083	na	-90	60
1995	95-4	692947	5517982	na	-90	60
1995	95-5	692840	5518076	na	-90	60
1995	95-6	692845	5517978	na	-90	78
1996	96-1	692730	5517988	90	-45	150
1996	96-2	692721	5518081	90	-45	149.35
1996	96-3	692791	5518176	90	-45	249.3
1996	96-4	692742	5515500	224	-45	130
1996	96-5	692831	5515228	330	-45	130
1997	97-1	692991	5518000	360	-60	149.96
1997	97-2	692802	5518175	180	-60	150.26
1997	97-3	692731	5518084	360	-60	149.96
1997	97-4	693136	5517689	360	-55	174.96
1997	97-5	693364	5517827	360	-57	199.95
2001	1-Jan	692939	5518082	360	-57	150
2001	2-Jan	693153	5517992	360	-57	194.2
2001	3-Jan	693358	5518001	360	-57	200
2001	4-Jan	693356	5518102	360	-57	161.24
2001	5-Jan	693565	5517900	360	-57	186.5
2001	6-Jan	693567	5517882	180	-57	162.8
2004	1-Apr	692988	5518621	180	-57	306.9
2004	2-Apr	693092	5518342	360	-57	200
2004	3-Apr	693302	5518393	360	-57	203.4
2004	4-Apr	693659	5518456	360	-57	200
2004	5-Apr	692769	5518531	360	-72	102.7
				<b>Total meters drilled</b>		<b>8579.42</b>

mapping, petrography, limited rock sampling, and limited soil sampling in the northeast portion of the property. This work was conducted by Inel Resources as part of an agreement with International Tower Hill Mines Ltd. In 1991, the adits at Three Adit Gap and Fissure Maiden were rehabilitated and re-sampled. Records and results of this work were not available to the authors of this report. Infill soil sampling was conducted on the grid over the historic Siwash Property showings. In 1992, a LandSat Imagery program was carried out over the property to aid in the delineation of suspected fault zones and to aid in identification of alteration zones (see references in Montgomery, 1994). Figures 11-15 represent the distribution of soil samples (1993, 1994 programs) and geochemical results for Au, Ag, Cu, Pb, and Zn. During 1993, two grids were established on the Siwash Property: the Property and Siwash grids (Figure 2). Infill sampling was

**Table 4: Siwash Property historic assay highlights**

Location	Rock type	Interval (m)	Year	Au optAu	Au ppb	Ag opt	Ag ppm	%Pb	Pb ppm	%Zn	Zn ppm	%Cu	Cu ppm	Reference
Fissure Maiden	Country rock	grab	1988	0.012		0.3		0.7		1.05				Pollmer, 1988
Fissure Maiden	4 inch vein	grab	1988	0.28		3.29		10.84		10.21				Pollmer, 1988
Monty	chip	1.5	1988	0.01		0.46		0.13		4.95				Pollmer, 1988
Monty	chip	7.6	1988	0.014		0.73		0.3		6.41				Pollmer, 1988
Monty West	chip	3	1988	0.005		1.04		1.38		0.26				Pollmer, 1988
Monty West	chip	2.4	1988	0.624		1.35		0.69		0.63				Pollmer, 1988
Three Adit gap	chip	0.6	1988	0.008		0.3		0.06		0.05				Pollmer, 1988
Three Adit Gap #1	chip	0.64	1989	n/a		2.52			1373		4725		6362	Grove, 1989
Three Adit Gap #1	chip	0.76	1989			1.087			1750		2348		6265	Grove, 1989
Three Adit Gap #2,3	select dump grab	grab	1989		180	6.6		1		1.33		0.94		Grove, 1989
Three Adit Gap #2,3	select dump grab	grab	1989		2780	3.19		0.15		18.71		0.66		Grove, 1989
Three Adit Gap #2,3	select dump grab	grab	1989		260	1.86		0.53		0.42		0.31		Grove, 1989
Three Adit Gap #2,3	select dump grab	grab	1989		730	15.37		14.2		0.42		0.43		Grove, 1989
Three Adit Gap #2,3	select dump grab	grab	1989		490	7.3		2.29		4.77		1.43		Grove, 1989
Three Adit gap#2 Adit	quartz/galena vein	grab (.18m)	1989	3.046		123.54		42.25		2.38		0.92		Grove, 1989
Monty	shear zone	1 m chip	1989		6		5.3		1144	2.49			248	Grove, 1989
Monty	shear zone	1 m chip	1989		47		13.8		1100	5.82			757	Grove, 1989
Monty	shear zone	1 m chip	1989		32		6.4		967	2.21			165	Grove, 1989
Monty	shear zone	1 m chip	1989		27		9.5		1149	2.49			302	Grove, 1989
Monty	shear zone	1 m chip	1989		2		7.7		935	2.51			246	Grove, 1989
Monty	shear zone	1 m chip	1989		46		3.8		695	2.16			70	Grove, 1989
Monty	shear zone	1 m chip	1989		22		6.8		782		7958		102	Grove, 1989
Claremont	minz	grab	1989	0.037		3.32		5.71		15.88			935	Grove, 1989
Fissure Maiden (east)	minz	select grab	1989	0.64		4.71		15.97		10.56		0.59		Grove, 1989
Fissure Maiden (west)	minz	select grab	1989	0.243		44.11		4.94		2.34				Grove, 1989
Fissure Maiden (west)	minz	select grab	1989	0.056		65.85		2.61		1.33				Grove, 1989
Three Adit Gap #2 Adit	minz	select grab	1993	0.595										Montgomery, 1994
Three Adit Gap #2 Adit	minz	1.1 m chip	1993		1950									Montgomery, 1994
West of Monty	minz	grab (0,25m)	1993	0.002		1.24				3.22				Montgomery, 1994
NE Grid	shear, minz diorite	grab	1993										4870	
Chicago Zone	Minz float	float - 623451	1994		2960	13.5		3.8		2.5		1.1		Todoruk and Falls, 1995
Chicago Zone	Minz float	float - 623452	1994		400	3.4			>10000		3910	1.05		Todoruk and Falls, 1995
Chicago Zone	Minz float	float - 623453	1994		20	1.2			3380		8290		2160	Todoruk and Falls, 1995
Chicago Zone	Minz float	float - 623454	1994		115	13.2			1760		5930		332	Todoruk and Falls, 1995
Chicago Zone	Minz float	float - 623455	1994		490	3.4			5110		8870		6670	Todoruk and Falls, 1995
3 Adit gap	Minz float	float-623464	1994		70	2.9			714		804		6000	Todoruk and Falls, 1995
Big Boy Grid (southeast)	altered granite	float-640051	1994		95	10.9			1100		692		3.98	Todoruk and Falls, 1995

done on the Property Grid in an area known as the Northeast Grid. A total of 1,161 soil samples were collected within the Property Grid and 781 soil samples were collected within the Siwash grid. Multi-element anomalies (results of up to 2,950 ppm Cu, up to 3510 Zn, and 245 ppb Au were found on the Northeastern Grid (2 anomalies) and Siwash Grid (2 anomalies). The Northeastern Grid anomaly corresponds to an anomaly identified by Brenda Mines Ltd. sampling in 1988. The 1993 Siwash soil sampling identified an 800 meter long east-west trending anomaly that encompassed the area of historic development(s). Anomalous values ranged up to 2,820 ppb Au, 54 ppm Ag, and 4,130 ppm Pb. Lead and silver appear to correlate with each other in this area (Montgomery, 1994).

In 1994, an aggressive soil sampling (see Table 2), percussion drilling (33 holes; Figure 4), prospecting and mapping program was carried out across the Siwash Property. Geological mapping was carried out at the Siwash, Property, and Big Boy Grids. Property Grid soil sampling in 1994 consisted of infill sampling on the Northwest portion of the grid where anomalous Zn, Pb, and Ag values do not have an identified bedrock source. The 1994 soil sampling at the Siwash Grid confirmed the 1993 interpretation of an 800 meter long east-west



anomaly over a region of historic underground development. Gold values range up to 2,820 ppb Au (Todoruk and Falls, 1995). In 1994, the Chicago Grid was established to the east of the Siwash Grid. Several two-station multi-element anomalies were noted. In general, gold values were low (up to 270 ppb Au) but elevated silver (7.8 ppm Ag) with coincident Cu and Zn values were noted. The Big Boy Grid was established to the west of the Siwash Grid and 211 samples were collected. Several multi-element Cu-Ag-Zn anomalies were noted, but in general values were low.

Rock sampling in 1994 (Table 4, Samples 623451-623455) returned significant results from float material sampled in Siwash Creek south of the Chicago Grid. Other anomalous samples were returned from the #3 Adit Gap area and the regions around and within the 1993 trenches. Several samples taken from the area to the southeast of the Big Boy Grid returned anomalous base and precious metal assays (Sample 540051; 95 ppb Au, 10.9 opt Ag, 2.98% Cu, 1100 ppm Pb, and 692 ppm Zn) from altered granite (Todoruk and Falls, 1995).

A total of 33 overburden percussion holes were drilled in 1994 by Pamicon Consulting on behalf of International Tower Hill Mines Ltd. The purpose of the program was to determine what influence thick overburden was having on the geochemical anomalies noted in soil sample programs. Holes were drilled on the Northeastern Grid in the area of known copper, zinc, gold and silver anomalies. Samples of overburden from this area corresponded to previous soil sample results and it was determined that surface sampling results are valid in areas of thin overburden. Drilling also successfully tested a magnetic low, 300 meters north of the Fissure Maiden adit; this was referred to as the 'Chicago Zone' and lies in the area of the Monty Adit. A total of three holes were drilled into the target (94-19, 94-30 and 94-31; Table 3, Table 5). Drillhole 94-20 was drilled to test a northeast trending Very Low Frequency ElectroMagnetic (VLF-EM) conductor. This hole intersected a silicified mineralized zone with pyrite, galena, sphalerite, and fluorite. Low geochemical values were returned from this zone.

Reconnaissance geophysical surveys were conducted in 1994 and focused on the Siwash and Chicago grids. Information from these surveys indicated that both magnetic and electromagnetic surveys could assist in identification of areas of interest (Todoruk and Falls, 1995) and geophysical anomalies that were drill tested did intersect mineralization (example: Chicago Zone). Following the reconnaissance surveys, detailed grids were established at the Big Boy, Chicago, Siwash, Property and Northeast grid areas. East-west trending coincident magnetic and VLF anomalies were encountered on the Siwash and Chicago grids in areas along the interpreted strike extent of known mineralization. One such feature was successfully drill tested (Chicago Zone). Results from the grid in the southwestern portion of the Big Boy Grid indicated a mixed magnetic response but several VLF conductors with significant strike length were identified (Todoruk and Falls, 1995). Several high magnetic responses associated with east-west trending strong VLF conductors were



identified in the northern portion of the Property Grid, and follow-up work was recommended. Geophysics on the Northeastern Grid consisted of an Induced Polarization survey in the area of a previously identified copper anomaly from soil sampling (1988 and 1993 sampling). A near surface chargeability anomaly with low resistivity was identified. This area was identified as a high-priority drill target.

The 1993 and 1994 programs (Montgomery, 1994; Todoruk and Falls, 1995) outlined a base and precious metal anomaly in the northeastern portion of the Siwash Property (Northeastern Detail Grid) coincident with an IP chargeability and resistivity anomaly that was tested with a percussion drill program in 1995 (6 holes, 378 meters). Chip-logging indicated that the Northeastern Detailed grid area is underlain in part by the Pennask Batholith, however the presence of fault gouge and volcanic material indicate that subsurface geology is poorly understood. Although no obvious Cu-Mo mineralization was intersected, anomalous base metal intervals were intersected (Holes 95-1, 95-2, 95-5, 95-6; Table 3 and 5) and follow-up work was recommended (Friesen, 1996).

In 1996, five drill holes (808 meters; Figure 4, Table 3 and 5) were completed. Three holes tested geophysical and geochemical anomalies on the Northeastern Grid and two holes tested mineralization south of the Fissure Maiden adit. Holes 94-5 and 94-6 intersected anomalous Au ( up to 10 g/t; Tables 3 and 5) and Ag (up to 100 ppm Ag, Table 5) associated with chalcopyrite, pyrite, galena-bearing quartz veins in brecciated and altered granodiorite (Weeks, 1996). Drill hole 96-2 and 96-3 intersected anomalous Cu and Ag values in mineralized sections that correspond to sulphides intersected in 1995 percussion holes. In 1997, a series of five drill holes (829 meters; Figure 4, Table 3 and 5) were drilled on the Northeastern Grid. Drill holes 97-3, 97-4, 97-5 succeeded in extending a sulphide-bearing alteration zone within the Pennask granodiorite. The zone has a SE- NW trend and a strike length of approximately 700 meters. Anomalous gold, silver and copper values are associated with areas of quartz flooding and/or narrow sulphide-bearing quartz veins and veinlets (Weeks, 1997, 1998).

In 2001, six drill holes (1,055 meters; Figure 4, Table 3 and 5) were drilled on the Northeastern grid area to further test and extend an anomalous zone identified in previous drilling. Anomalous gold and base metal values are associated with narrow domains of quartz veining in altered granodiorite (Weeks, 2001a,b).

In 2004, 17 new claims were staked, extending the Siwash Property eastward for 8 kilometres (Besserer and Armstrong, 2004). An exploration drilling program was completed on the Northeastern grid area to further test the anomalous values from prior drilling programs completed between 1996 and 2001. Five NQ drillholes were drilled on the property that resulted in similar Au, Cu, Ag, Pb, Zn values as those from previous drilling programs (Weeks, 2004a,b; Besserer and Armstrong, 2004). A total of 1,013 meters were drilled and intersected over 203 meters of intrusive granodiorite, quartz-feldspar porphyry and 50 meters of meta-volcanics (International Tower Hill Mines Ltd, News Release, 2004a). Of the 153

samples assayed, 9 were returned with more than 0.10 ppm Au and 4 with more than 1000 ppm Cu (International Tower Hill Mines Ltd, News Release, 2004a). The drilling results also determined the strike extent of the alteration zone to the east. Core logging revealed the presence of breccia zones and quartz feldspar porphyry, both of which are known to host polymetallic veins elsewhere on the Property (Besserer and Armstrong, 2004).

## **GEOLOGICAL SETTING**

The Siwash Property lies at the eastern edge of the Intermontane tectonic belt of south-central British Columbia and is underlain by Jurassic (*circa* 166 million year old) granitic to dioritic plutonics of the Pennask and Osprey Lake batholiths. The Jurassic plutons are cut by the Tertiary (*circa* 52 million year old) Otter intrusives which form high-level stocks and dykes including potassium feldspar megacrystic granites and quartz phyrlic porphyries. Upper Triassic volcanics and sediments of the Niccola Group occur to the west and north of the property, while Upper Palaeozoic sedimentary and volcanic rocks of the Cache Creek Group occur to the east.

The following is a list, in approximate chronological order, of the various lithologies and their characteristics as observed on the Siwash Property:

1) *Pennask batholith (Unit 5 in Fig 5)*: The Triassic to Early Jurassic Pennask batholith is a (quartz) diorite (feldspars>biotite/amphibole>quartz) occurring in the eastern and western portion of the property. It ranges from foliated (near the northwestern trenches) to hornfelsed (Northeast grid) to weakly chlorite-hematite altered. Most samples exhibit weak to moderate magnetism.

2) *Osprey Lake batholith (Unit 4 in Fig. 5)*: The coarse-grained Osprey Lake batholith occurs in the southern part of the property and is granitic to syenogranitic (potassium feldspar>plagioclase>quartz>amphibole/biotite) in composition. It is often crumbly and chlorite-kaolinite-sericite altered with or without epidote, carbonate, hematite (especially specularite) and various vein-related sulphides (sphalerite-galena-pyrite-chalcopyrite-malachite-azurite) as seen at Fisher Maiden.

The remaining units form part of the *circa* 52 million year old Otter intrusive suite. Although previously labelled as rhyodacitic in composition, petrographic work has suggested that some of the subvolcanic intrusives are poor in groundmass quartz driving them toward a monzonitic composition.

3) *Potassium feldspar megacrystic granite (Unit 6 in Fig. 5)*: Voluminous bodies of coarse-grained potassium feldspar megacrystic (several centimeters in length) granite dominate the northern part of the property. Elongate xenolithics of mafic material are rare. Large potassium feldspar megacrysts sometimes exhibit compositional concentric zoning and rim-replacement by white-coloured feldspar

(orthoclase?) suggesting potassium metasomatism. Their geographic distribution and composition suggests they are related to the crowded quartz-potassium feldspar megacrystic porphyry described below.

4) *Quartz-feldspar porphyry (Unit 7 in Fig. 5)*: Pale green-yellow to white coloured quartz-plagioclase phyrical porphyry occurs as two bodies toward the centre of the property. It is regularly altered (sericite-kaolinite-silica-chlorite-limonite-hematite), and may be mineralized (e.g. at the Monty and Clairemont adits) in the form of polymetallic veins (sphalerite-galena-chalcopyrite) or decameter-scale zones of silicification and sulphidization as seen at the Monty showing.

5) *Quartz-potassium feldspar megacrystic porphyry (Unit 7 in Fig 5)*: Crowded quartz-feldspar porphyry with large potassium feldspar megacrysts and large rounded resorbed quartz phenocrysts occurs throughout the property, typically proximal to potassium feldspar megacrystic granite. The porphyry may represent the higher-level manifestation of this granite. Both varieties of K-spar megacrystic rocks show little association with mineralization.

6) *Biotite-quartz-feldspar porphyry (Unit 7 in Fig. 5)*: Light coloured quartz-feldspar-biotite porphyry sometimes with large potassium feldspar crystals occurs as dykes (and stocks?) on the property. The groundmass has a fine-medium grained plagioclase rich felty texture resembling latitic to trachytic rocks.

7) *Quartz syenite (Unit 8 in Fig 5)*: A quartz syenite unit has been described from the property but has not been convincingly identified by the author. It is described as “fine to medium grained subporphyritic to equigranular, lacking the well developed phenocrysts of the above units; ‘chalky’ white (kaolinite altered) weathered appearance with 5-8% finely disseminated pyrite, commonly fragmental, brecciated locally” (Grove, 1989).

8) *Late crosscutting andesite dykes and sills (Unit 1 in Fig. 5)*: Nondescript green chloritic dykes and sills of unknown age cut a number of the lithologies on the Siwash Property.

A number of the above lithologies have undergone various degrees of brecciation. In general, breccia zones range in scale from 10's to 100's of meters. Clast size and degree of milling is quite variable, while the matrix is typically gritty and chloritic in nature. Allochthonous clasts (e.g. mudstone) are sometimes present indicating distal sources for at least some of the fragments (Grove, 1989a,b; Montgomery and Toduruk, 1989). Zones of strong milling are also common, particularly in the porphyries and along lithological contacts. In these cases there is an association with strong chloritization, cataclasis and thin polymetallic veining (e.g. Drilltop Hill) however, on a property scale there does not appear to be any correlation between the breccia and mineralized zones.

The Otter Intrusive Suite contains abundant fractures and joints, more than the surrounding Pennask and Osprey plutons. The fracture pattern is comprised of closely-spaced, steep, conjugate northwest, northeast and east-west trending fractures (Grove, 1989). The Siwash Creek topographic feature is interpreted to be underlain by a major northwest trending fault zone that bisects the property along which the Otter Intrusive Suite has intruded. Mineralized features occur as a series of conjugate systems trending northeasterly to easterly.

## **DEPOSIT TYPES**

Two types of mineral deposits have been the focus of exploration at the Siwash Creek Property which are, high grade-low tonnage polymetallic veins and low grade-high tonnage Cu +/- Au-Mo porphyries.

*Polymetallic veins:* Veins occur as steeply dipping, narrow, tabular or splayed structures that may form a set of parallel or offset vein systems. Vein continuity is variable. Individual veins vary from centimeter scale up to more than 3 metres wide. Strike length is also variable from 100's to a 1000 metres and dip extent is on the order of strike extent. Texturally, the polymetallic veins may have complex paragenetic history representing multiple mineralizing pulses and/or deformation events. Open space textures (colloform banding) may be present. Wallrock hydrothermal breccias, stockworks and breccias are also common. Sulphides occur as disseminations, patches, or coarse grained domains. Ore mineralogy is comprised of galena, argentiferous galena, sphalerite, tetrahedrite- tennantite, other sulphosalts including pyrargyrite, stephanite, bournonite, acanthite, native silver, chalcopyrite, pyrite, arsenopyrite, and stibnite. Silver minerals often occur as inclusions in galena. Native gold and electrum occur in some deposits (Lefebure and Church,

<http://www.em.gov.bc.ca/mining/Geosurv/MetallicMinerals/MineralDepositProfiles/PROFILES/I05.htm>).

In the case of the Siwash Property, veining is coincident with/ immediately post-Otter Intrusive suite. Veins typically occur in country rock marginal to intrusive stocks. Typically veins crosscut stratigraphy and follow pre-existing structures or faults associated with the emplacement of the intrusion. In some cases the veins cut older intrusions

*Cu-Mo +/- Au porphyry:* Classic porphyries are described by Panteleyev (<http://www.em.gov.bc.ca/mining/Geosurv/MetallicMinerals/MineralDepositProfiles/PROFILES/L04.htm>) as deposits that are "...stock related with multiple emplacements at shallow depth (1 to 2 km) of generally equant, cylindrical porphyritic intrusions. Numerous dikes and breccias of pre, intra, and post-mineralization age modify the stock geometry. Orebodies occur along margins and adjacent to intrusions as annular ore shells. Lateral outward zoning of alteration and sulphide minerals from a weakly mineralized potassic/propylitic core is usual. Surrounding ore zones with potassic (commonly biotite-rich) or phyllic alteration contain molybdenite \* chalcopyrite, then chalcopyrite and a generally widespread propylitic, barren pyritic aureole or 'halo'."

In addition to the aforementioned deposit types, the Camp showing exhibits potential for IOCG-style mineralization.

*IOCG/Iron Oxide Breccia and Veins:* Iron oxide copper gold deposits are described by Lefebure (1995) as “*Magnetite and/or hematite breccia zones and veins which form pipes and tabular bodies hosted by continental volcanics and sediments and intrusive rocks. The deposits exhibit a wide range in their nonferrous metal contents. They vary from Kiruna type monometallic (Fe ± P) to Olympic Dam type polymetallic (Fe ± Cu ± U ± Au ± REE).*” The deposits exhibit strong structural controls, being emplaced along faults and contacts synchronous with intense hydrothermal alteration and brecciation. The ore mineralogy consists of hematite (variety of forms), specularite, magnetite, bornite, chalcopyrite, chalcocite, pyrite; digenite, covellite, native copper, carrollite, cobaltite, Cu-Ni-Co arsenates, pitchblende, coffinite, brannerite, bastnaesite, monazite, xenotime, florencite, native silver and gold and silver tellurides. According to Lefebure (1995): “*Cu-U-Au mineralization is typically hosted in the Fe oxide matrix as disseminations with associated microveinlets and sometimes rare mineralized clasts. Textures indicating replacement and microcavity filling are common. Intergrowths between minerals are common. Hematite and magnetite may display well developed crystal forms, such as interlocking mosaic, tabular or bladed textures. Breccias may be subtle in hand sample as the same Fe oxide phase may comprise both the fragments and matrix. Breccia fragments are generally angular and have been reported to range up to more than 10 m in size, although they are frequently measured in centimetres. Contacts with hostrocks are frequently gradational over the scale of centimetres to metres. Hematite breccias may display a diffuse wavy to streaky layered texture of red and black hematite.*” The age of mineralization varies from Proterozoic to Tertiary.

Exploration for each deposit type entails geological mapping, structural interpretation (both remote and from field work), geochemical sampling (soil, stream, rock) and geophysics.

## **MINERALIZATION**

Below is a brief description of the main showings/prospects on the Siwash Property. The majority of the information presented in this section is based on 2006 site visits. Additional information on the showings was presented above in the “History” section.

*Fisher Maiden:* The 15 metre long Fisher Maiden adit is located on the southern part of the property north of the Camp showing on the east side of Siwash Creek. A two cm massive galena and chalcopyrite vein with clay altered selvages (10-15 cm) cuts the Osprey Lake granite. The old adit follows this vein, which trends

approximately  $045^{\circ}$  (northeast) dipping  $80^{\circ}$  to the southeast. As the adit is in poor condition, the author was not able to verify the strike extent of the vein.

*Monty and Claremont:* The Monty adit is located on the east side of the road which crosses Siwash creek north of Fisher Maiden on the east side of Siwash creek. The Claremont adit is situated approximately 100 meters south-southwest of the Monty adit about half way down the steep bank where the two roads meet along the eastern bank of Siwash creek. Both showings occur within the quartz-feldspar porphyry unit which has been strongly silicified. Both contain abundant disseminated euhedral pyrite, particularly at the Monty. Chunky (coarse masses) to vein galena occur at both locations while sphalerite was only noted in quantity at Monty. An approximate trend of  $055^{\circ}$  (northeast) was obtained from the Monty showing, which approximates the direction of the old adit. Five chip samples of 1-2 metres were taken this year across the main face of Monty (Table 6). As both adits are in poor condition the author was not able to verify the extent of the mineralization.

*Three Adit Gap:* Two adits on the west side and one on the east side of Siwash creek make up the Three Adit Gap prospect. All three have targeted polymetallic quartz veins cutting a granitic to porphyritic textured rock of the Otter intrusives. A strongly silicious zone at the first adit contains 2-3% disseminated pyrite-chalcopyrite-sphalerite-galena with a trend of  $042^{\circ}$  (northeast) dipping  $70^{\circ}$  southeast. The second adit exhibits  $055^{\circ}$  trending fractures. Overall, the Three Adit Gap area lacks the strong silicification-sulphidization seen at Monty and is hosted in a more granitic versus porphyritic textured rock. As the three adits are in poor condition the author was not able to verify the extent of the mineralization.

*Monty West trenches:* Two approximately north-south trending trenches approximately 50 metres in length occur almost directly west of Monty on the west side of Siwash creek. Both trenches cut the contact between a breccia zone and a quartz feldspar porphyry body. The breccia occurs in the northern section and exhibits a fine floury chloritic matrix with euhedral strongly epidote altered potassium feldspar megacrysts. The southern section of the trenches cuts rusty orange-yellow coloured quartz feldspar porphyry with minor quartz veining and weathered out sulphides. The most notable feature is the lack of silicification-sulphidization as seen at Monty and Claremont.

*Western Trenches:* Strongly greisenized granite, low angle thrust-related fault breccias cutting granite, massive quartz-pyrite lenses, thin high angle quartz-sulphide veins and pyrite-galena-hematite-sphalerite-chalcopyrite veins in a highly chloritized granite were all noted at the Western Trenches. The amount of snow prevented more detailed work from being done. Compiling the existing data from previous drilling, trenching, geophysics, sampling and mapping would aid in better assessing the potential of the Western Trenches area and determining if further work is warranted.

*Northwest Trenches:* The Northwest Trenches are a group of seven northeast trending trenches each approximately 200 metres long. The trenches have been heavily overgrown so much of what was exposed is now covered. A few samples of altered brecciated granite with weathered sulphides were taken including a grab of dark green pervasively chloritized granite breccia containing disseminated pyrite, galena and hematite (specularite).

*Camp/Mabel and Spud showings:* The Camp showing occurs southeast of the Fisher Maiden on the west side of Siwash where the road crosses Siwash Creek, west of an old camp. Based on older geophysics and 2006 observations the zone is north trending for several hundred meters. There is a short adit adjacent to a 200 meter long trench. Massive hematite (specularite) and lesser magnetite with chlorite overprints the southern coarse grained granite. Quartz-carbonate veins are also present and host chalcopyrite +/- bornite. Malachite and azurite are common as fracture coatings in the adit and trenched areas. Notably, chlorite alteration predominates over silicification, a feature that is more common in the granite-hosted showings. This area is considered to be a reasonable target for porphyry or IOCG style mineralization. The Spud showing occurs to the southwest of the Camp adit. Brief work in 2006 suggests that the mineralization is similar in style but less pervasive than at the Camp showing.

*Northeast Detail:* The Northeast Detail area is located in the northeast corner of the western claim block. The anomaly is characterized by a strong Zn and Ag soil anomaly with a poor Pb expression and inconsistent Au-Cu anomalies. This corresponds to specularite-sphalerite veinettes in outcrop/subcrop with related chloritization/kaolinitization. Coarse grained granite/syenogranite occurs as plugs and dykes intruding a coarse grained biotite diorite (Pennask diorite). Secondary biotite overprinting the diorite indicates some degree of potassium metasomatism. Mineralization is largely hosted within the granites particularly along their contacts with the diorite where strong texturally destructive chloritization and cataclasis have reduced the granite to a fine grained chloritic rock with thin veinettes of quartz, hematite (specularite) and sphalerite. The contact relationships between the two are not well-defined either at the outcrop or local scale, however, diorite does tend to be the dominant lithology toward the east. Additional detailed mapping in this area is recommended to better understand the relationship between the contact(s) and mineralization. Noting the intensity and style of chlorite-hematite alteration, secondary biotite/potassium feldspar and the orientation of shears and other structures is also considered important.

*Eastern Claims:* The amount of snow and paucity of outcrop hindered any detailed mapping from being completed on the new claims to the east. One trench/pit was discovered at Easting: 701559; Northing: 5517412 that targeted slightly rusty quartz feldspar porphyry with variable amounts of pyrite bordered by potassium feldspar megacrystic granite. An area of new clear-cut within the Siwash 15 claim has fairly good exposure. Here, an approximately 40 metre

wide north-northeast trending dyke-like exposure of medium grained grey biotite quartz feldspar porphyry occurs over a strike length of 700 metres and is flanked to the north and south by yellow-orange limonitic weathering quartz-feldspar porphyry. Isolated outcrops of older coarse-grained megacrystic K-feldspar granite bracket this north-northeast trending dyke. Stream and swamp courses in the immediate area paralleling this trend may suggest structural control of the porphyry intrusives.

## **EXPLORATION**

APEX Geoscience Ltd. was retained by Ravencrest Resources Inc. to carry out a short exploration program between October 31 and November 17, 2006 on the Siwash Property. The project involved soil sampling on the eastern claims and mapping/sampling/reassessing the various prospects and showings on the Siwash Property. Infill soil sampling and stream sediment sampling was also conducted to better define existing anomalies and attempt to locate new areas of interest. A total of 641 soil samples, 68 grab & chip samples and 78 stream sediment samples were collected. Their locations are plotted on the maps in Appendix 4 at the back of this report. Sample descriptions and results are detailed in appendices 1 and 2 respectively. The total cost to complete 2006 exploration program at the Siwash Property was \$116,107.88. No exploration work was conducted during 2007 or to date during 2008.

Rock samples were collected from prospective outcrops, defined showings and to a lesser degree, float. A series of chip samples were also collected across the face of the Monty showing. Samples were collected by means of a geological hammer and when required, a chisel. All rock samples were taken so as to best represent the mineralization of any given area with care taken to differentiate between strongly mineralized zones and their less strongly mineralized envelopes. The procedures for collection and analysis of these rock samples are discussed below under 'Sampling Method and Approach.' Highlights for the rock (grab) sampling are shown in Table 6 and Figures 6-10. Appendix 1 contains details of each rock sample. Of particular interest are the samples taken from the Camp showing which exhibit elevated Ag, Pb, Cu, Zn and to a lesser extent, Au. These samples are associated with chlorite-specularite altered granite containing variable amounts of pyrite, galena, chalcopyrite, sphalerite, malachite and azurite. No new showings were discovered as a result of the 2006 rock sampling program.

Fifteen rock samples were chosen for screen metalics analysis a procedure by which both the -150 and +150 fractions are analysed. The results of this are shown in Table 7. As can be seen, there are often significant differences between the two mesh fractions. The discrepancies are thought to be related to "nugget" gold either present or not present within the volumetrically smaller plus-size fraction. Thus, it is the heterogeneous distribution of Au that can account for



these differences. The best way to resolve this is by using/analyzing a larger sized sample of the -150 fraction, however, it is quite clear that the g/t Au in the -150 fraction very closely approximates the g/t Au in the whole sample.

Soil samples were collected on the eastern/central claims at 100 meter intervals along north-south lines spaced at 500 meters (Figures 11-15). Infill sampling on the Property grid was completed using a 25 meter sample spacing (Figures 11-15). In addition, six soil samples were taken from 1993-1994 sample locations in order to test the quality of the older data. The results of these are pending further investigation and analyses. The procedures for collection and analysis of these soil samples are discussed below under 'Sampling Method and Approach.'

Soil sampling results for Pb, Zn, Ag, Au and Cu are shown in Figures 11-15. There are at least two reasonably sized anomalies. Both anomalies are characterized by elevated Zn-Pb and locally Au values. The larger of the two is in the western most part of the 2006 grid and is elongate in a north-south direction. One soil sample from this anomaly assayed 395 ppm Zn and 80.3 ppm Pb (06JCS138). A sample 200 meters to the south (06JCS140) assayed 90 ppb Au. The second smaller anomaly occurs along the two easternmost lines from the 2006 survey. The highest grade sample from this anomaly assayed 1239 ppm Zn and 45.2 ppm Pb (06RMS039). A number of other smaller anomalies occur on the grid, most notably in Au. Following up these anomalies by mapping nearby outcrop and by completing a tighter sampling grid is recommended, particularly for the two larger anomalies.

Stream sediment samples were collected at 200 meter intervals along some of the creeks and their tributaries on the western and eastern portions of the Property (Figures 16-20). These samples were collected by APEX in the Siwash Creek area to further define known anomalies and attempt to locate new areas of interest. As expected, the creeks to the west show elevated base and precious metals as they cut areas of known mineralization. Samples from the creeks to the east do not show anomalous base metals, however, two adjacent samples returned assays of 589 ppb Au and 1315 ppb Au; the highest recovered on the Siwash Property. The procedures for collection and analysis of these stream samples are discussed below under 'Sampling Method and Approach.'

Minor mapping was also conducted during the 2006 exploration program; however, efforts were placed on finding, recording and sampling all known showings and prospects. The results of this were discussed in more detail under 'Mineralization' above and "Interpretation and Conclusions" below.

**Table 6:** Grab sample highlights from the 2006 exploration program, Siwash Property. UTM coordinates are stated in NAD27 Zone 10.

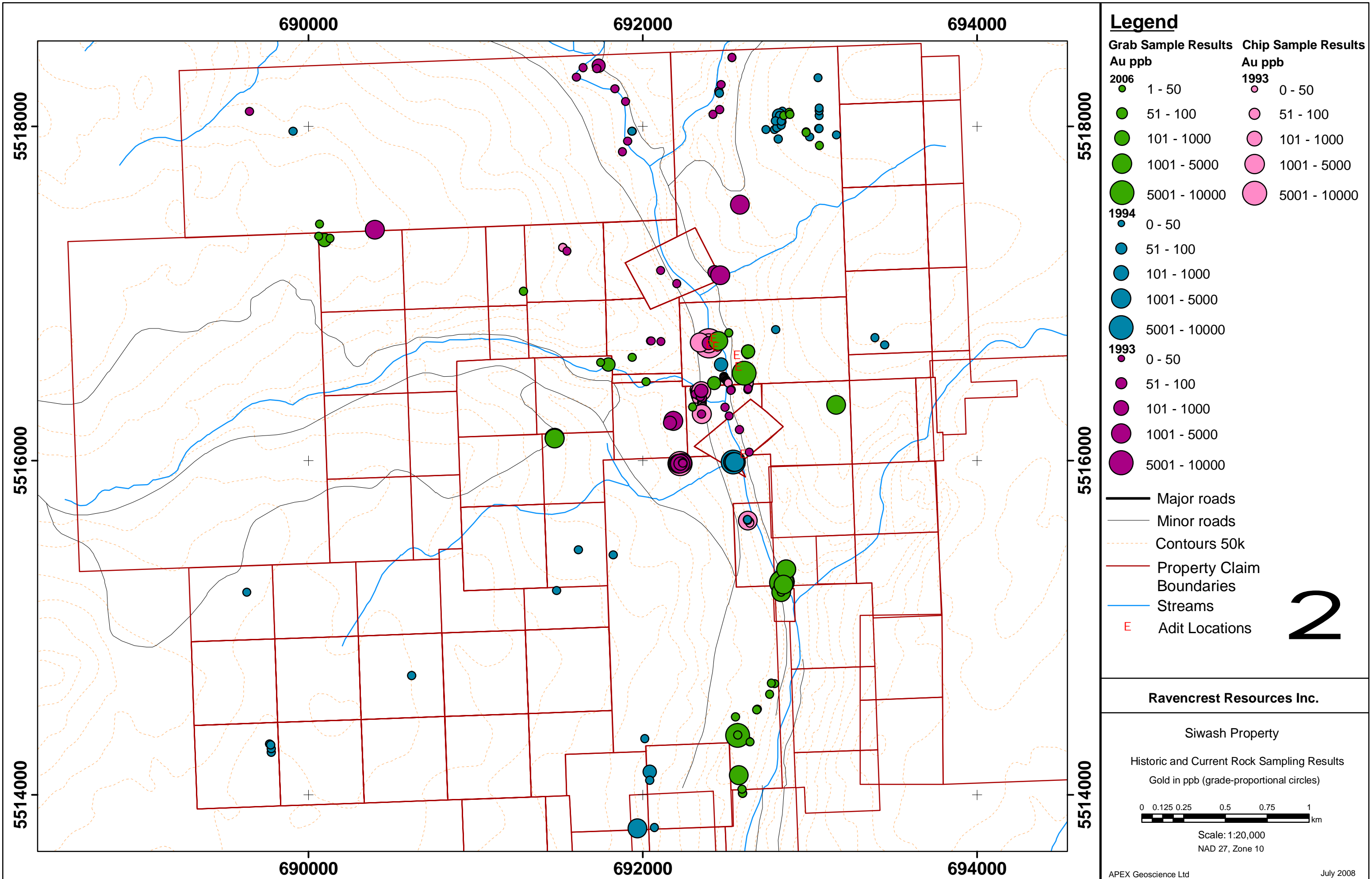
Sample	Easting	Northing	Showing	Lithology	Description	Au (g/t)	Ag (g/t)	Zn (%)	Pb (%)	Cu (%)
06RTP210	692859	5515349	Camp showing	Granite	Chloritized granite with near-massive patches of galena, taken near 06KRP422	0.65	511.00	0.40	3.80	<0.01
06RTP211	692835	5515274	Camp showing	Altered granite	Near massive hematite, lesser magnetite, chlorite, with a few surviving coarse xtls of qrtz-feld (bxated granite source) minor mc staining	1.51	<0.01	0.35	0.20	0.05
06RTP212	692832	5515269	Camp showing	Altered granite	Clay altered granite/granite bx with mc-az staining - at Camp adit	0.53	<b>2651.00</b>	<b>3.09</b>	<b>5.67</b>	<b>4.68</b>
06RTP213	692832	5515269	Camp showing	Altered granite	Mc-az stained altid granite with bands/vns of mag-hem-ga-sph, Camp adit	1.08	<b>1066.00</b>	1.67	3.42	1.99
06RTP214	692832	5515269	Camp showing	Altered granite	Qrtz-cc vn with ga-cpy-sph-Mn? And chl, mc stained, near adit, vein at 265/80	<b>2.43</b>	676.00	0.87	2.46	0.46
06RTP215	692300	5516320	TR93-3 trench	Chloritic shear	070/75 chloritic shear vn, minor ga-cpy-py	<0.01	31.4	0.30	1.18	0.05
06RTP220	692570	5514355	Spud	Granite	Pyrite-specularite veins in granite	0.17	20.1	0.17	0.07	0.01
06RTP223	692576	5514118	Spud	QV with cpy	Chalcopryrite-malachite vein cutting granite near 4 old drillholes	1.04	239	0.34	1.43	1.8
06RTP224	692632	5516653	Monty	Quartz eye porphyry	Monty chip sample, 1.5 meters. Mineralized zone width unknown	0.11	6.7	1.89	0.09	0.03
06RTP225	692632	5516653	Monty	Quartz eye porphyry	Monty chip sample, 1.5 meters. Mineralized zone width unknown	0.07	7.9	1.59	0.10	0.03
06RTP226	692632	5516653	Monty	Quartz eye porphyry	Monty chip sample, 2.0 meters. Mineralized zone width unknown	0.03	16.7	<b>4.41</b>	0.18	0.07
06RTP228	692632	5516653	Monty	Quartz eye porphyry	Monty chip sample, 0.4 meters. Mineralized zone width unknown	0.09	21.3	1.95	0.34	0.03
06RTP229	692632	5516653	Monty	Quartz eye porphyry	Monty chip sample, 1.4 meters. Mineralized zone width unknown	<0.01	9.3	<b>2.2</b>	0.12	0.02
06KRP400	692633	5516651	Monty	Quartz eye porphyry	Vein, galena and pyrite in quartz eye porphyry	<0.01	8.3	1.08	0.44	0.02
06KRP402	692686	5516020	Fisher Maiden	Quartz-galena vein	Galena rich quartz vein with 1 to 20 centimeter selvage, clay altered feldpar. Taken at adit collar	<b>7.68</b>	90.7	<b>5.71</b>	<b>16.28</b>	0.25
06KRP414	691474	5516136	Western Trenches	Massive pyrite vein	Oxidized, limonitic granitoid, massive pyrite vein	0.42	32.5	0.17	0.15	0.02
06KRP415	691473	5516131	Western Trenches	Altered granite	Sample of clay-limonite altered granitoid breccia zone, 1-2 metre wide subhorizontal fault zone	0.15	13.9	0.47	0.15	0.06
06KRP417	690068	5517414	Northwest Trenches	Altered granite	Dark green chlorite altered granitoid, possible breccia, disseminated galena-hematite-pyrite	<0.01	3.3	1.27	0.02	0.07
06KRP420	692608	5516522	Claremont Adit	Banded quartz vein	Silicified vein material 1 metre above Claremont adit, dissem pyrite+galena within porphyry	<b>2.86</b>	46.8	<b>2.13</b>	2.18	0.03
06KRP421	692453	5516715	Three Adit Gap	Quartz vein	6 metres above #2 adit, vuggy-sponge textured, silicified ochreous sinter, oxidized sulphides	0.45	454	0.09	0.39	0.07
06KRP422	692859	5515349	Camp showing	Altered granite	Dark green chlorite altered granitoid with specular hematite	0.26	429	0.20	0.92	0.01
06KRP425	692820	5515203	Camp showing	Altered granite	Dark green chlorite alterd granitoid with specular hematite and chalcopryrite+azurite	<0.01	128	0.87	0.11	1.42
06RTP210	692031.21	5516566.74	Camp showing	Granite	Chloritized granite with near-massive patches of galena, taken near 06KRP423	2.18	511.00	1.44	1.10	<0.02
06RTP211	691994.91	5516621.44	Camp showing	Altered granite	Near massive hematite, lesser magnetite, chlorite, with a few surviving coarse xtls of qrtz-feld (bxated granite source) minor mc staining	2.49	<0.02	1.44	1.04	-0.223

**Table 7:** Results from 2006 screen metallicity analyses.

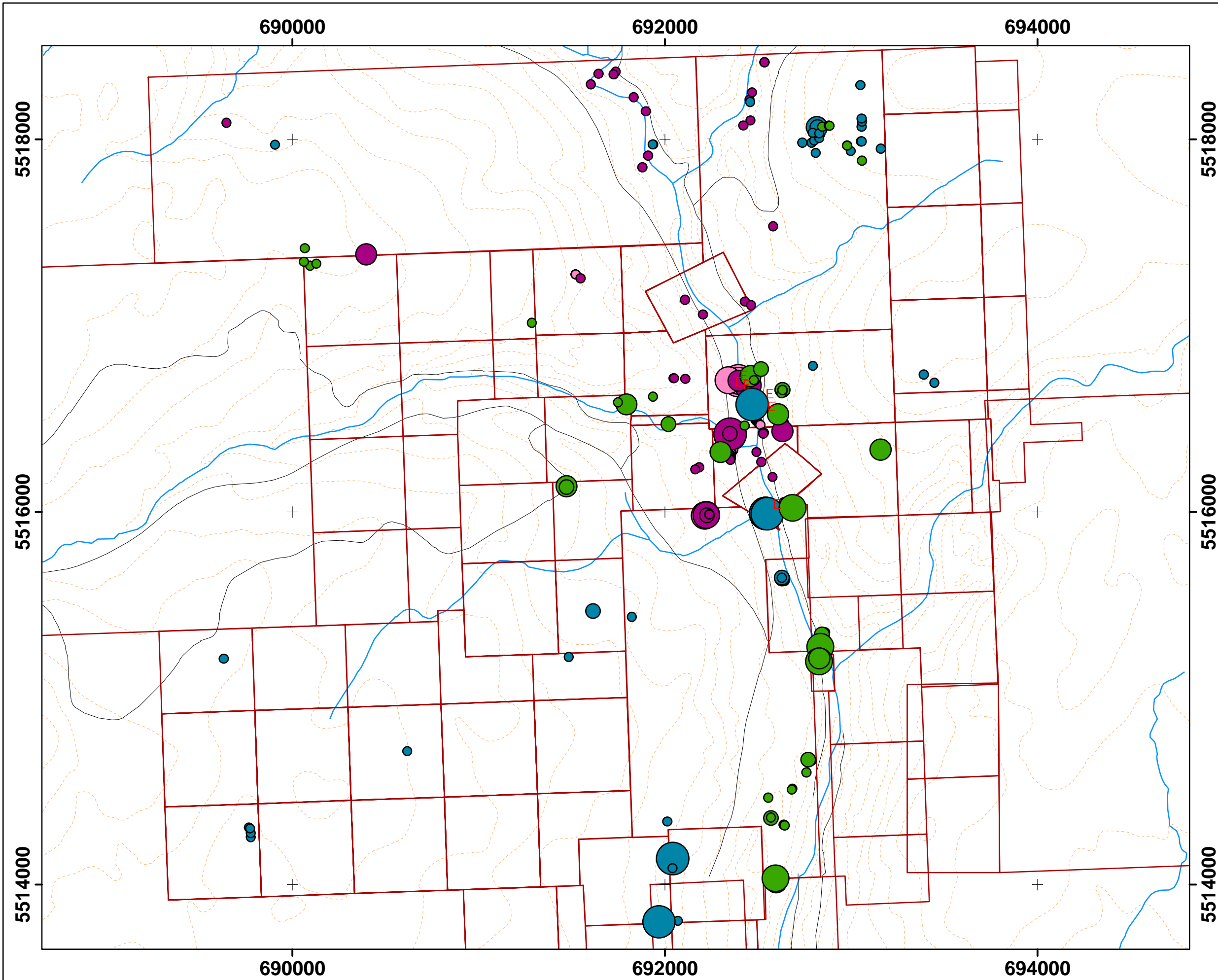
Sample	Au (g/t total)	Au (g/t +150)	Au (g/t -150)	Weight (g total)	Weight (g +150)	Weight (g -150)
06RTP212	0.53	0.99	0.51	711	33.26	677.7
06RTP213	1.08	4.13	0.99	920.5	27.62	892.9
06RTP224	0.11	1.6	0.07	1541.1	43.77	1497.3
06RTP225	0.07	0.05	0.07	1172.7	41.54	1131.2
06RTP226	0.03	0.07	0.03	1572.9	15.33	1557.6
06RTP227	0.03	0.03	0.03	1282	33.23	1248.8
06RTP228	0.09	0.21	0.09	915.7	28.04	887.7
06RTP229	<.03	<.03	<.03	1356.9	42.36	1314.5
06KRP402	7.68	3.68	7.78	1268.3	30.96	1237.3
06KRP408	<.03	<.03	<.03	127.9	27.43	100.5
06KRP410	<.03	<.03	<.03	400.7	16.84	383.9
06KRP414	0.42	0.54	0.41	698.5	27.69	670.8
06KRP420	2.86	1.08	2.95	459.2	21.25	438
06KRP426	0.44	2.13	0.36	974.1	43.6	930.5
06KRP431	<.03	<.03	<.03	390.8	22.52	368.3

## **DRILLING**

No drilling was conducted on the Siwash Property in 2006, 2007 or to date during 2008.



2



**Legend**

<b>Grab Sample Results</b>	<b>Chip Sample Results</b>
<b>Ag ppm</b>	<b>Ag ppm</b>
<b>2006</b>	<b>1993</b>
● 0 - 10	● 0 - 10
● 11 - 25	● 11 - 25
● 26 - 50	● 26 - 50
● 51 - 100	● 51 - 100
● 101 - 200	● 101 - 200
<b>1994</b>	
● 0 - 10	
● 11 - 25	
● 26 - 50	
● 51 - 100	
● 101 - 200	
<b>1993</b>	
● 0 - 10	
● 11 - 25	
● 26 - 50	
● 51 - 100	
● 101 - 200	

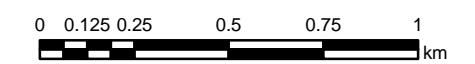
— Major roads  
 — Minor roads  
 - - - Contours 50k  
 — Property Claim Boundaries  
 — Streams  
 E Adit Locations

2

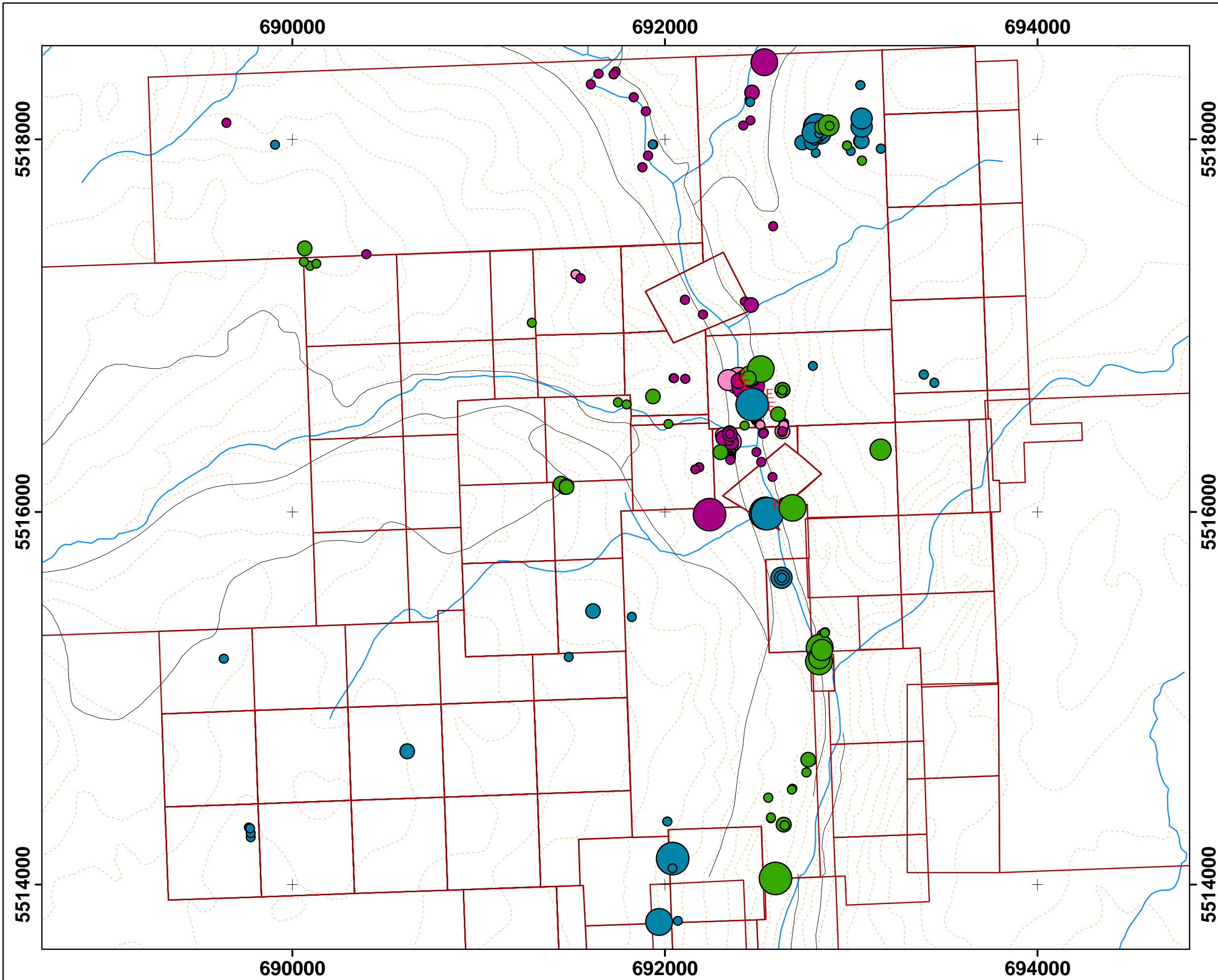
**Ravencrest Resources Inc.**

Siwash Property

Historic and Current Rock Sampling Results  
Silver in ppm (grade-proportional circles)



Scale: 1:20,000  
NAD 27, Zone 10



### Legend

<b>Grab Sample Results</b>	<b>Chip Sample Results</b>
<b>Cu ppm</b>	<b>Cu ppm</b>
<b>2006</b>	<b>1993</b>
● 5 - 200	● 3 - 200
● 201 - 1000	● 201 - 1000
● 1001 - 2000	● 1001 - 2000
● 2001 - 5000	● 2001 - 5000
● 5001 - 10000	● 5001 - 10000
<b>1994</b>	
● 1 - 200	
● 201 - 1000	
● 1001 - 2000	
● 2001 - 5000	
● 5001 - 10000	
<b>1993</b>	
● 1 - 200	
● 201 - 1000	
● 1001 - 2000	
● 2001 - 5000	
● 5001 - 10000	

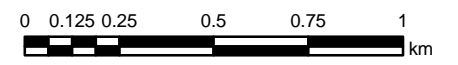
- Major roads
- Minor roads
- - - Contours 50k
- Property Claim Boundaries
- Streams
- E Adit Locations

# 2

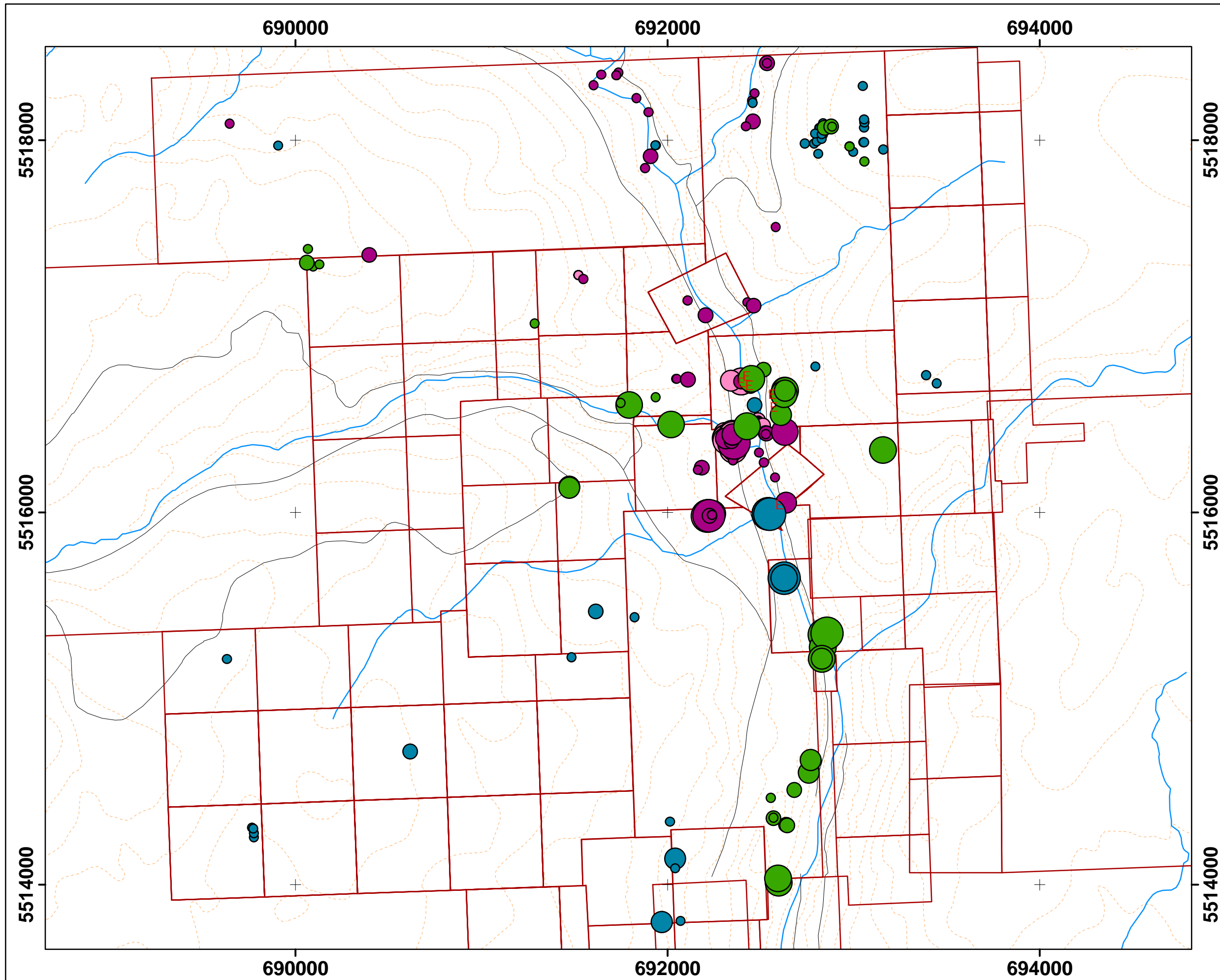
**Ravencrest Resources Inc.**

Siwash Property

Historic and Current Rock Sampling Results  
Copper in ppm (grade-proportional circles)



Scale: 1:20,000  
NAD 27, Zone 10



### Legend

<b>Grab Sample Results</b>	<b>Chip Sample Results</b>
<b>Pb ppm</b>	<b>Pb ppm</b>
<b>2006</b>	<b>1993</b>
● 0 - 300	● 2 - 300
● 301 - 1000	● 301 - 1000
● 1001 - 2000	● 1001 - 2000
● 2001 - 5000	● 2001 - 5000
● 5001 - 10000	● 5001 - 10000
<b>1994</b>	
● 0 - 300	
● 301 - 1000	
● 1001 - 2000	
● 2001 - 5000	
● 5001 - 10000	
<b>1993</b>	
● 0 - 300	
● 301 - 1000	
● 1001 - 2000	
● 2001 - 5000	
● 5001 - 10000	

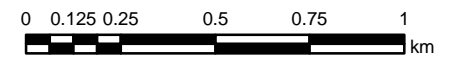
- Major roads
- Minor roads
- - - Contours 50k
- Property Claim Boundaries
- Streams
- E Adit Locations

2

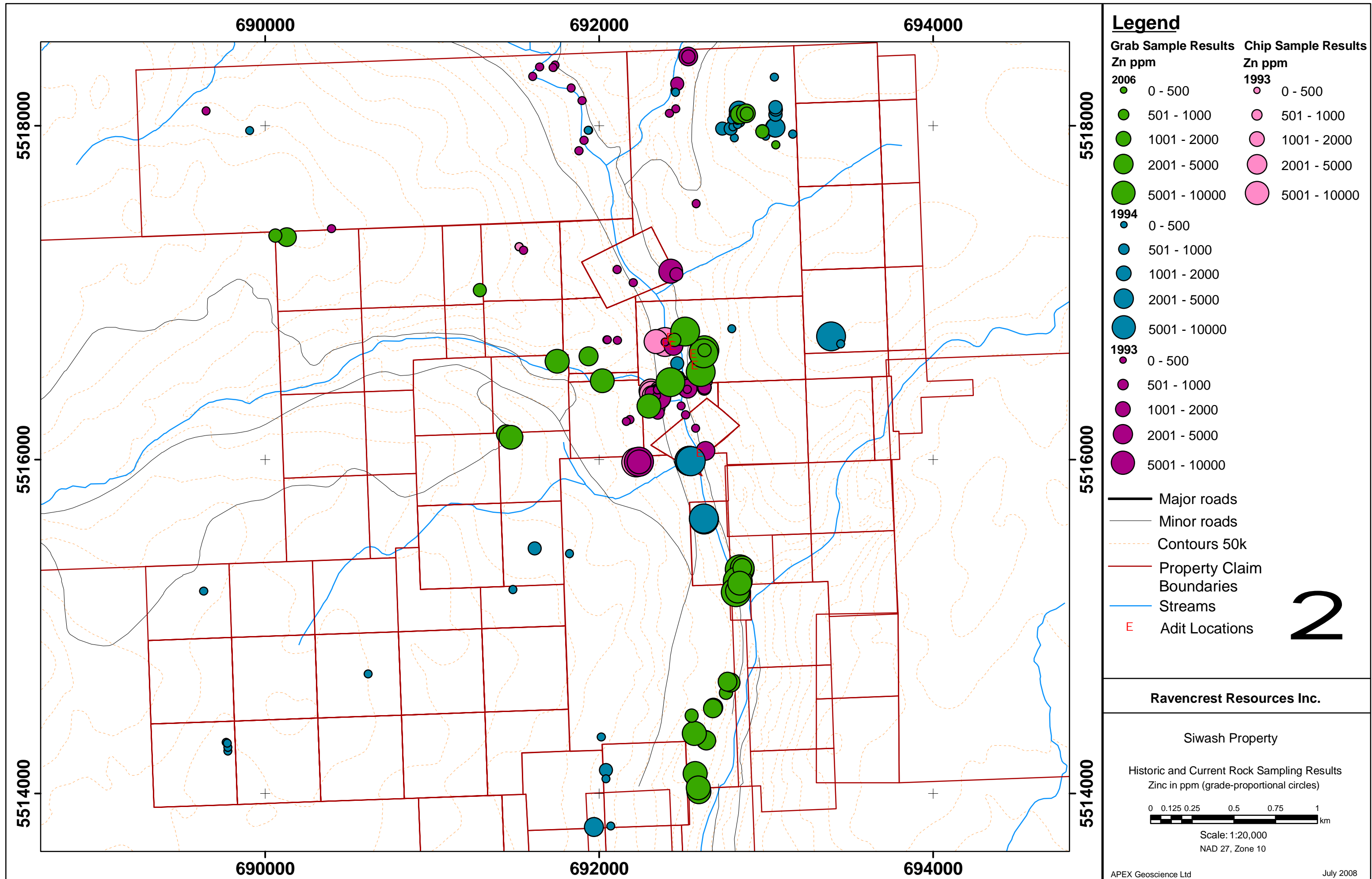
**Ravencrest Resources Inc.**

Siwash Property

Historic and Current Rock Sampling Results  
Lead in ppm (grade-proportional circles)

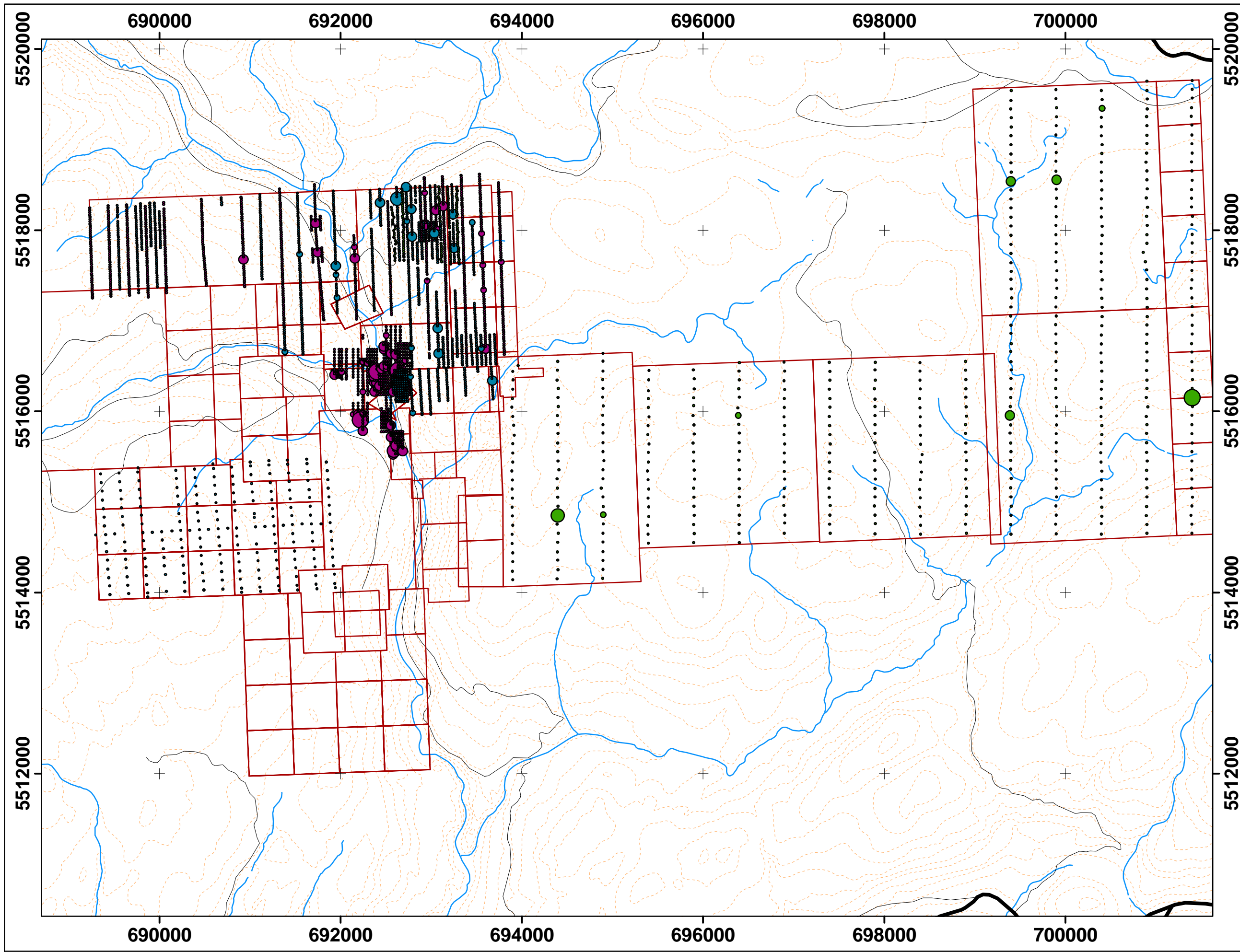


Scale: 1:20,000  
NAD 27, Zone 10



2





**Legend**

**Soil Sample Results - Au ppb**

**2006**

- 0 - 50
- 51 - 100
- 101 - 500
- 501 - 1000
- 1001 - 3000

**1994**

- 0 - 50
- 51 - 100
- 101 - 500
- 501 - 1000
- 1001 - 3000

**1993**

- 0 - 50
- 51 - 100
- 101 - 500
- 501 - 1000
- 1001 - 3000

- Major roads
- Minor roads
- - - Contours 50k
- Property Claim Boundaries
- Streams

2

**Ravencrest Resources Inc.**

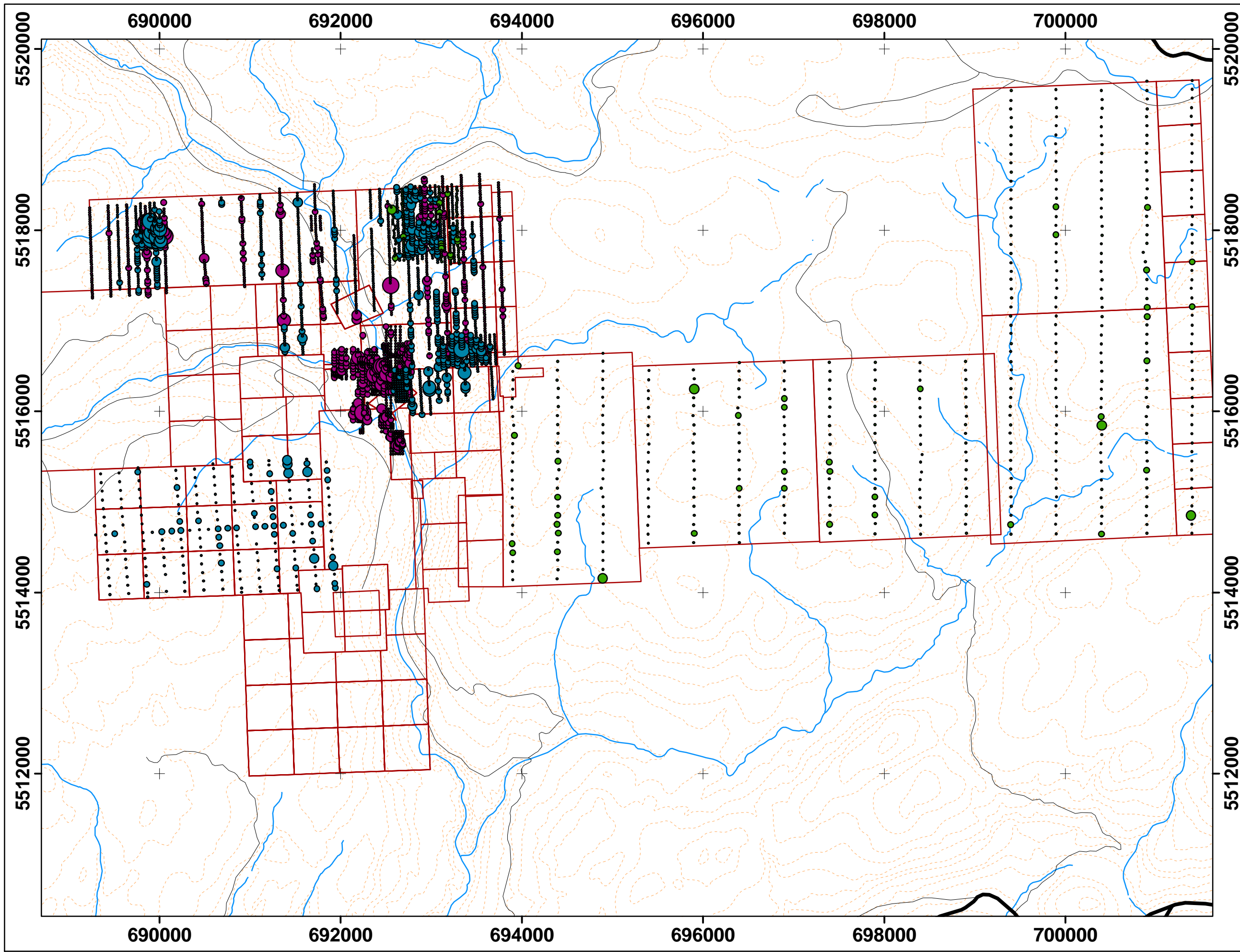
Siwash Property

Historic and Current Soil Sampling Results  
Gold in ppb (grade-proportional circles)

Scale: 1:40,000  
NAD 27, Zone 10

APEX Geoscience Ltd July 2008

Figure 11



**Legend**

**Soil Sample Results - Ag ppm**

**2006**

- 0.1 - 0.5
- 0.6 - 2.0
- 2.1 - 5.0
- 5.1 - 10.0
- 10.1 - 100.0

**1994**

- 0.1 - 0.5
- 0.6 - 2.0
- 2.1 - 5.0
- 5.1 - 10.0
- 10.1 - 100.0

**1993**

- 0.1 - 0.5
- 0.6 - 2.0
- 2.1 - 5.0
- 5.1 - 10.0
- 10.1 - 100.0

- Major roads
- Minor roads
- Contours 50k
- Property Claim Boundaries
- Streams

2

**Ravencrest Resources Inc.**

Siwash Property

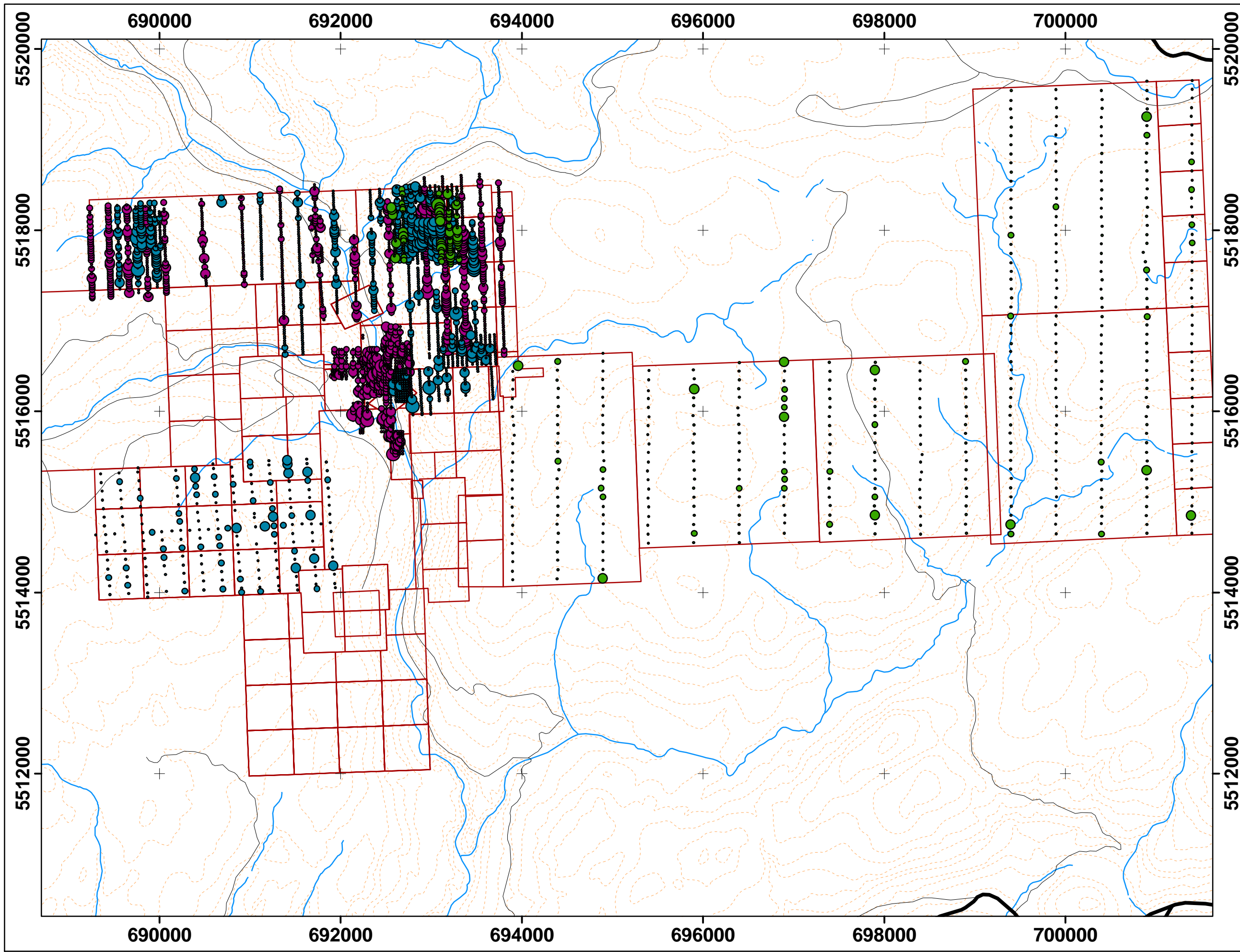
Historic and Current Soil Sampling Results  
Silver in ppm (grade-proportional circles)

0 0.25 0.5 1 1.5 2 km

Scale: 1:40,000  
NAD 27, Zone 10

APEX Geoscience Ltd July 2008

Figure 12



**Legend**

**Soil Sample Results - Cu ppm**

**2006**

- 0 - 25
- 26 - 50
- 51 - 200
- 201 - 1000
- 1001 - 3000

**1994**

- 0 - 25
- 26 - 50
- 51 - 200
- 201 - 1000
- 1001 - 3000

**1993**

- 0 - 25
- 26 - 50
- 51 - 200
- 201 - 1000
- 1001 - 3000

— Major roads

— Minor roads

- - - Contours 50k

— Property Claim Boundaries

— Streams

2

**Ravencrest Resources Inc.**

Siwash Property

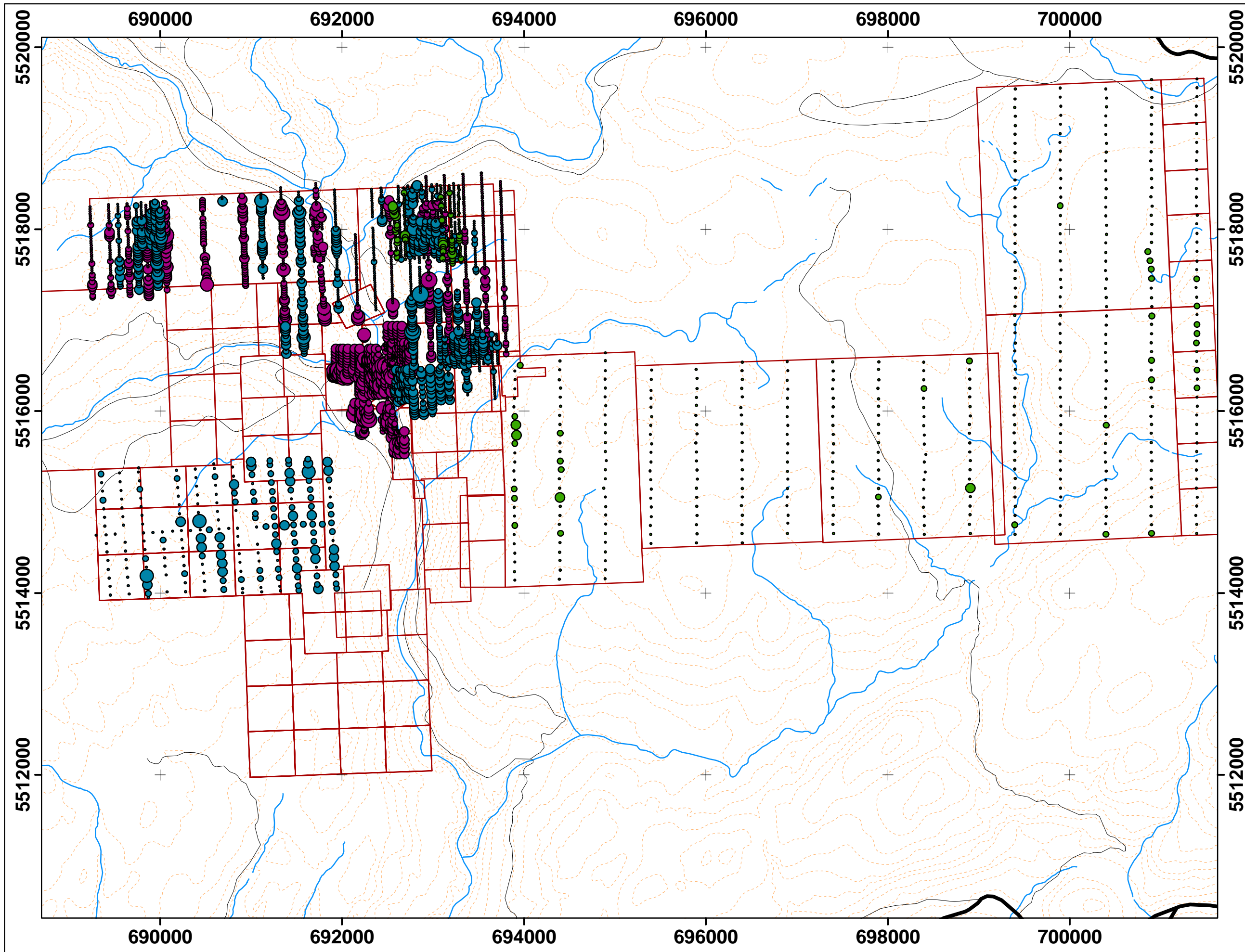
Historic and Current Soil Sampling Results  
Copper in ppm (grade-proportional circles)

0 0.25 0.5 1 1.5 2 km

Scale: 1:40,000  
NAD 27, Zone 10

APEX Geoscience Ltd July 2008

Figure 13



**Legend**

**Soil Sample Results - Pb ppm**

**2006**

- 0 - 25
- 26 - 50
- 51 - 200
- 201 - 1000
- 1001 - 7000

**1994**

- 0 - 25
- 26 - 50
- 51 - 200
- 201 - 1000
- 1001 - 7000

**1993**

- 0 - 25
- 26 - 50
- 51 - 200
- 201 - 1000
- 1001 - 7000

— Major roads

— Minor roads

- - - Contours 50k

— Property Claim Boundaries

— Streams

2

**Ravencrest Resources Inc.**

Siwash Property

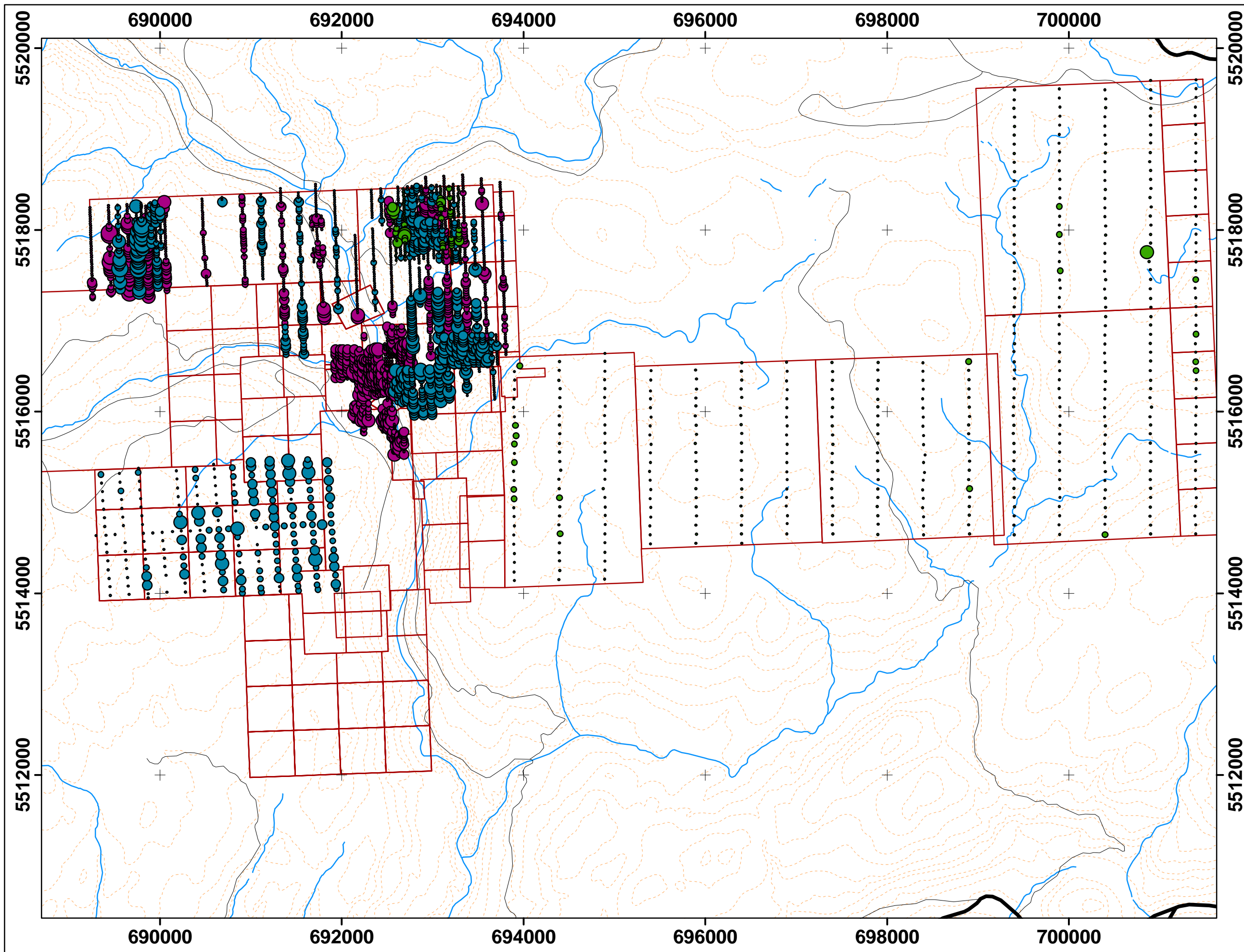
Historic and Current Soil Sampling Results  
Lead in ppm (grade-proportional circles)

0 0.25 0.5 1 1.5 2 km

Scale: 1:40,000  
NAD 27, Zone 10

APEX Geoscience Ltd July 2008

Figure 14



**Legend**

**Soil Sample Results - Zn ppm**

**2006**

- 0 - 250
- 251 - 500
- 501 - 1000
- 1001 - 2500
- 2501 - 6000

**1994**

- 0 - 250
- 251 - 500
- 501 - 1000
- 1001 - 2500
- 2501 - 6000

**1993**

- 0 - 250
- 251 - 500
- 501 - 1000
- 1001 - 2500
- 2501 - 6000

- Major roads
- Minor roads
- Contours 50k
- Property Claim Boundaries
- Streams

2

**Ravencrest Resources Inc.**

Siwash Property

Historic and Current Soil Sampling Results  
Zinc in ppm (grade-proportional circles)

0 0.25 0.5 1 1.5 2 km

Scale: 1:40,000  
NAD 27, Zone 10

APEX Geoscience Ltd July 2008

Figure 15

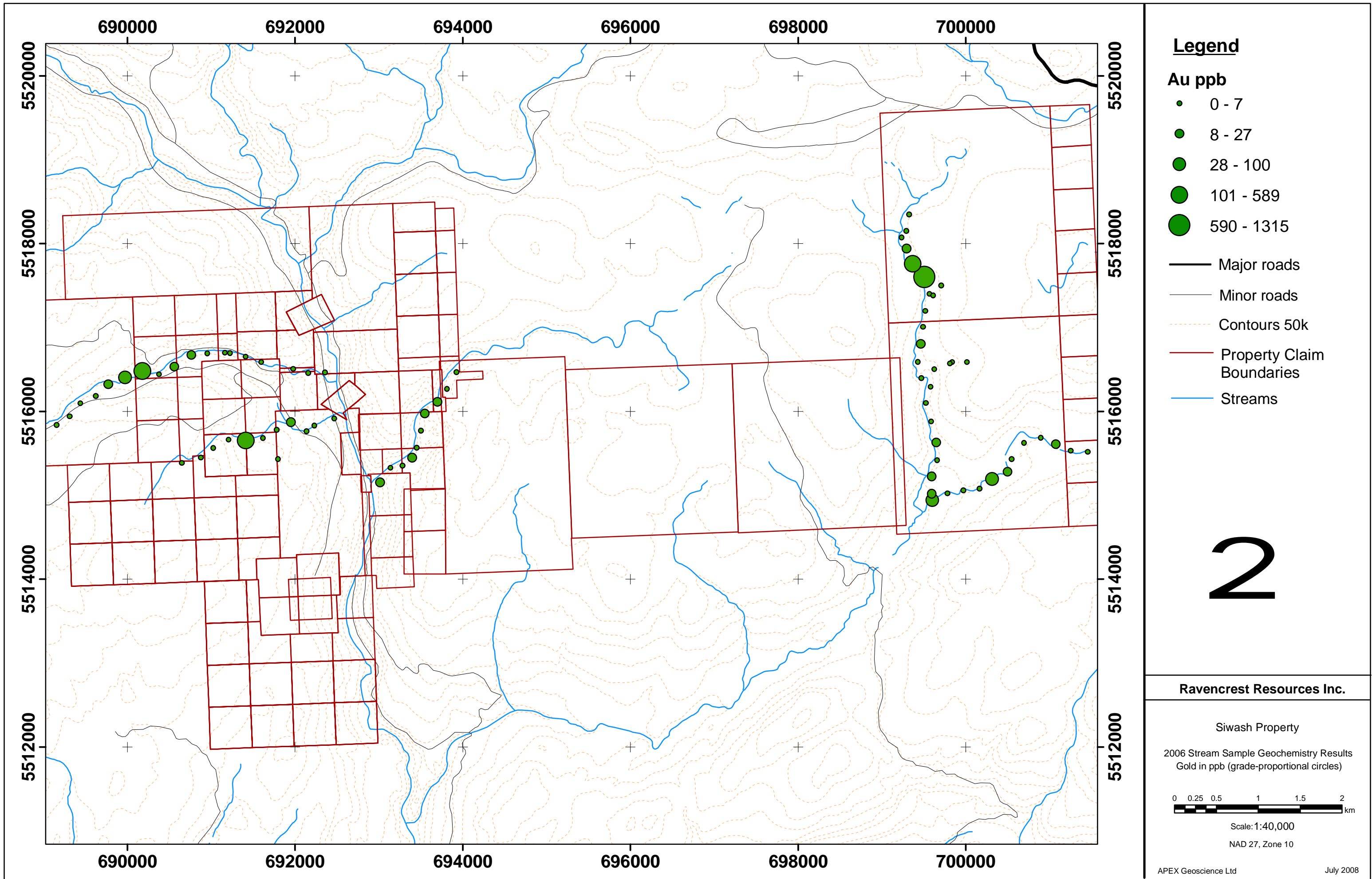


Figure 16

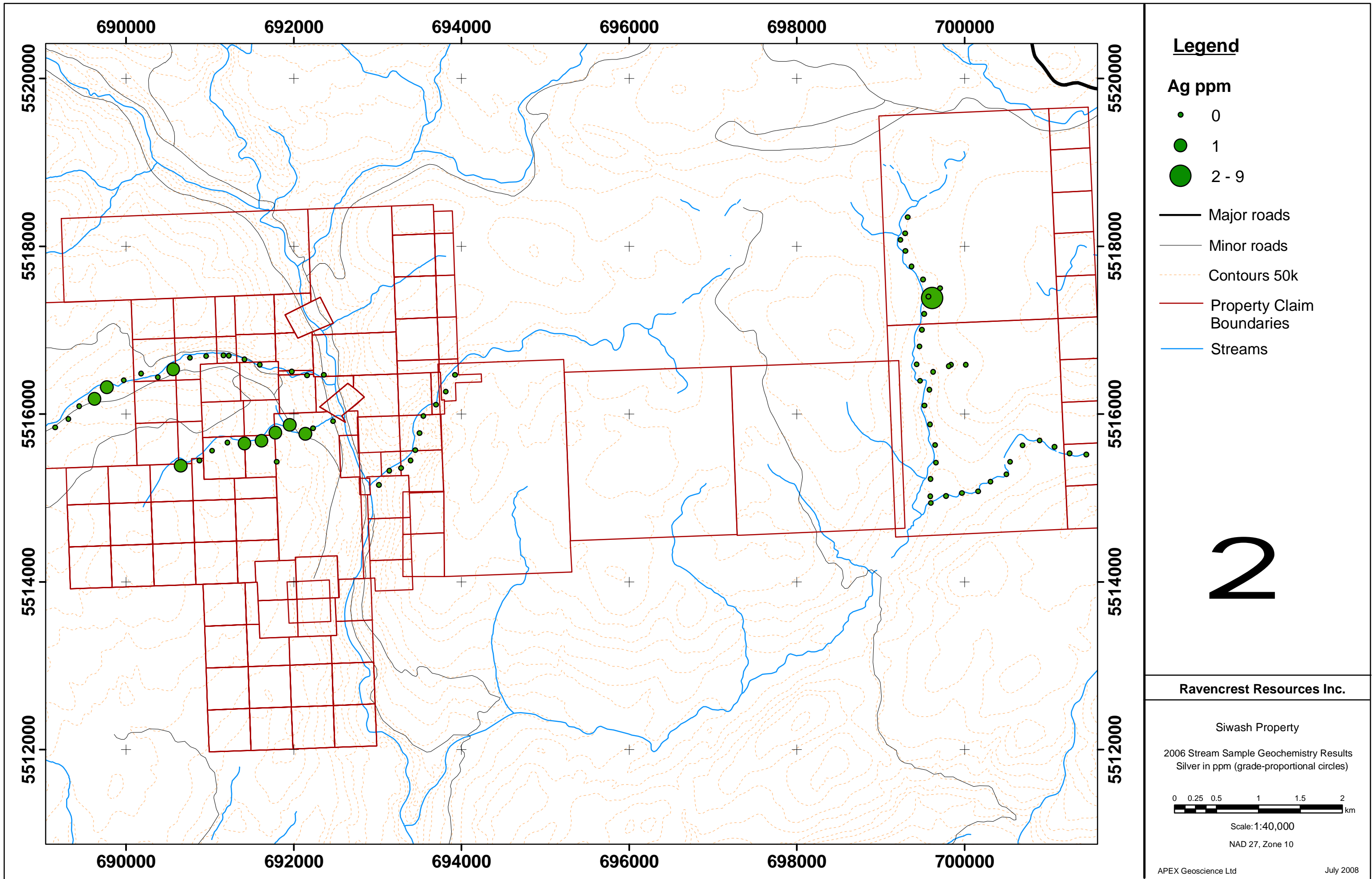


Figure 17

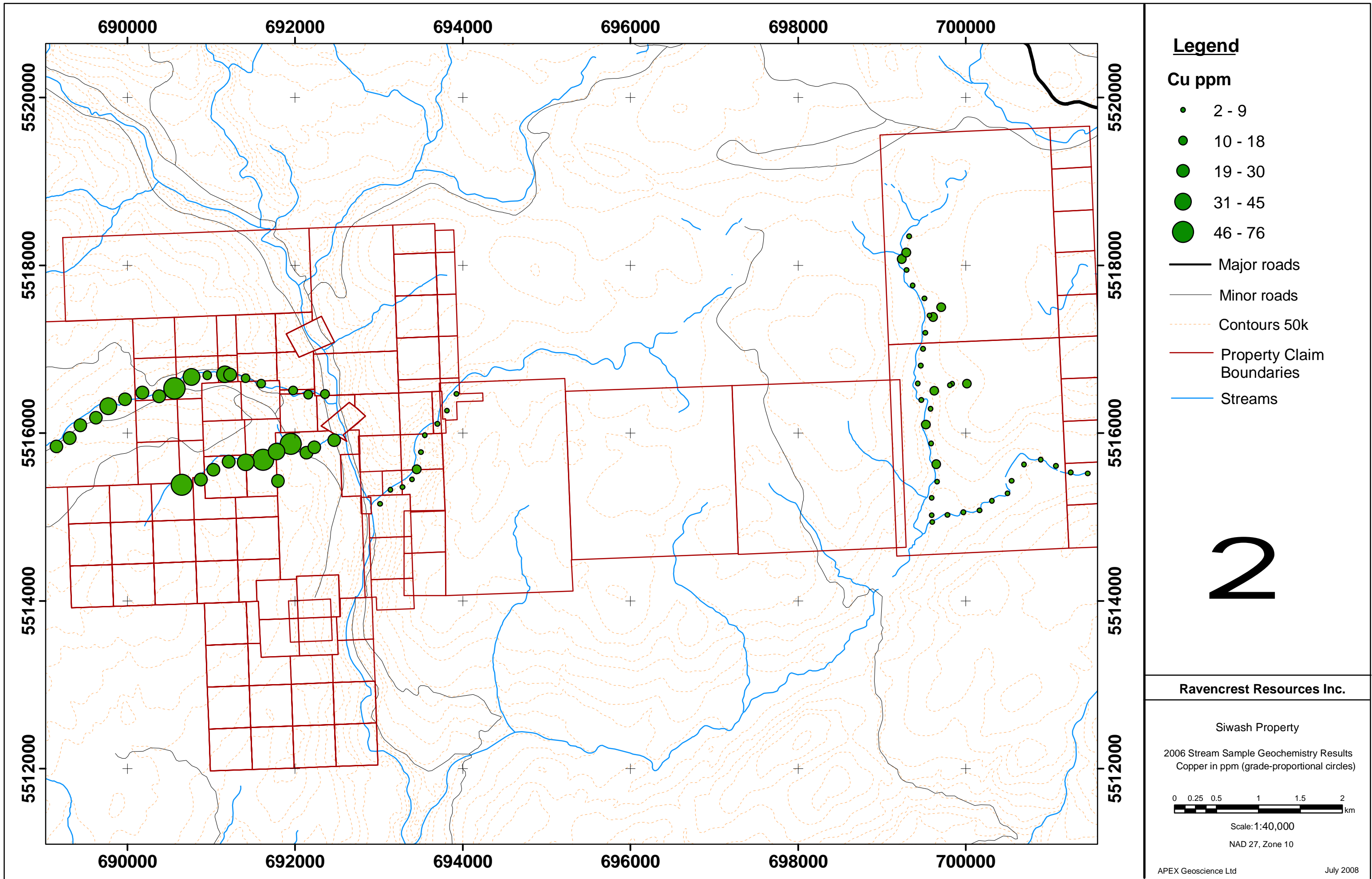


Figure 18



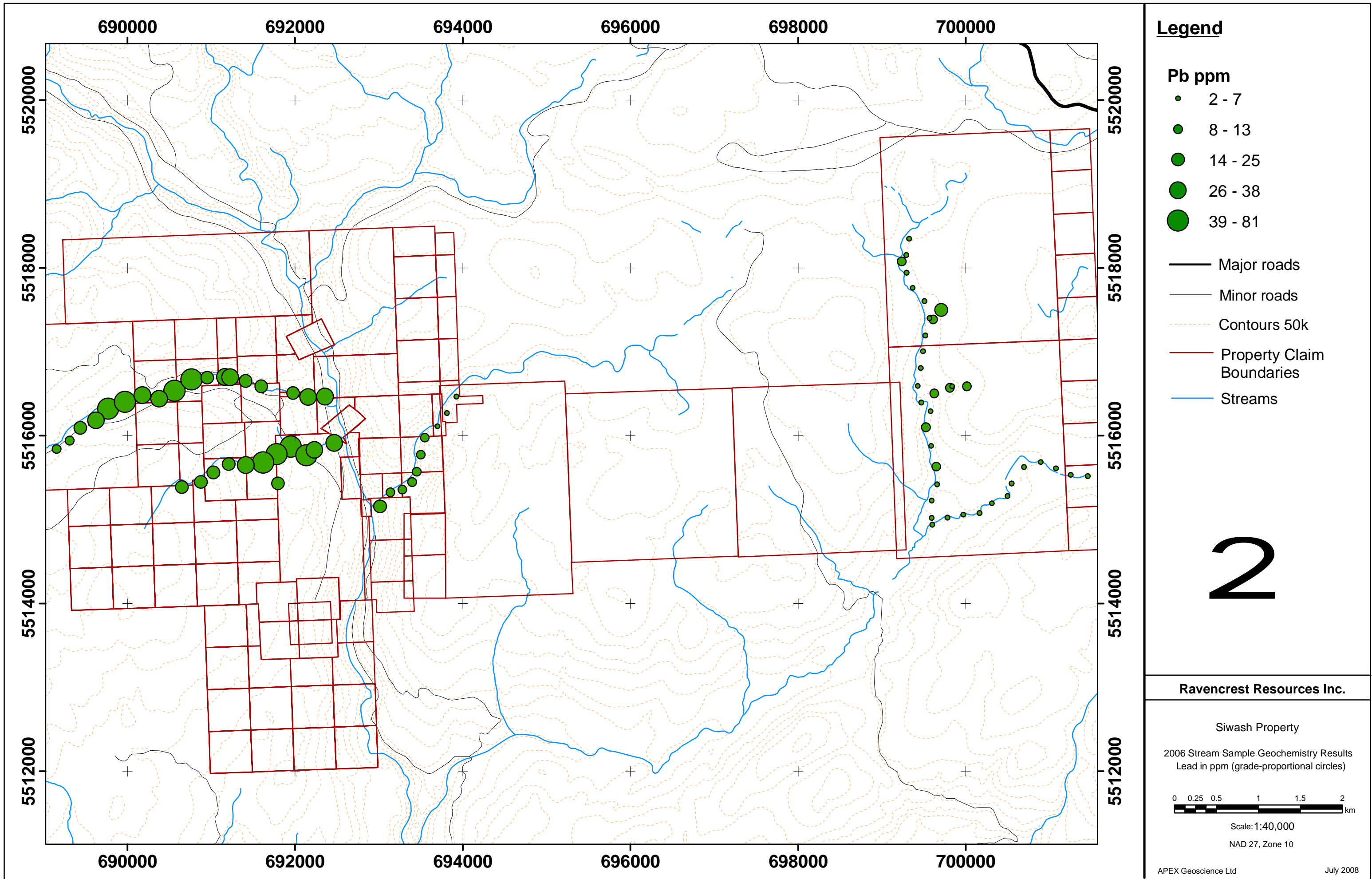


Figure 19

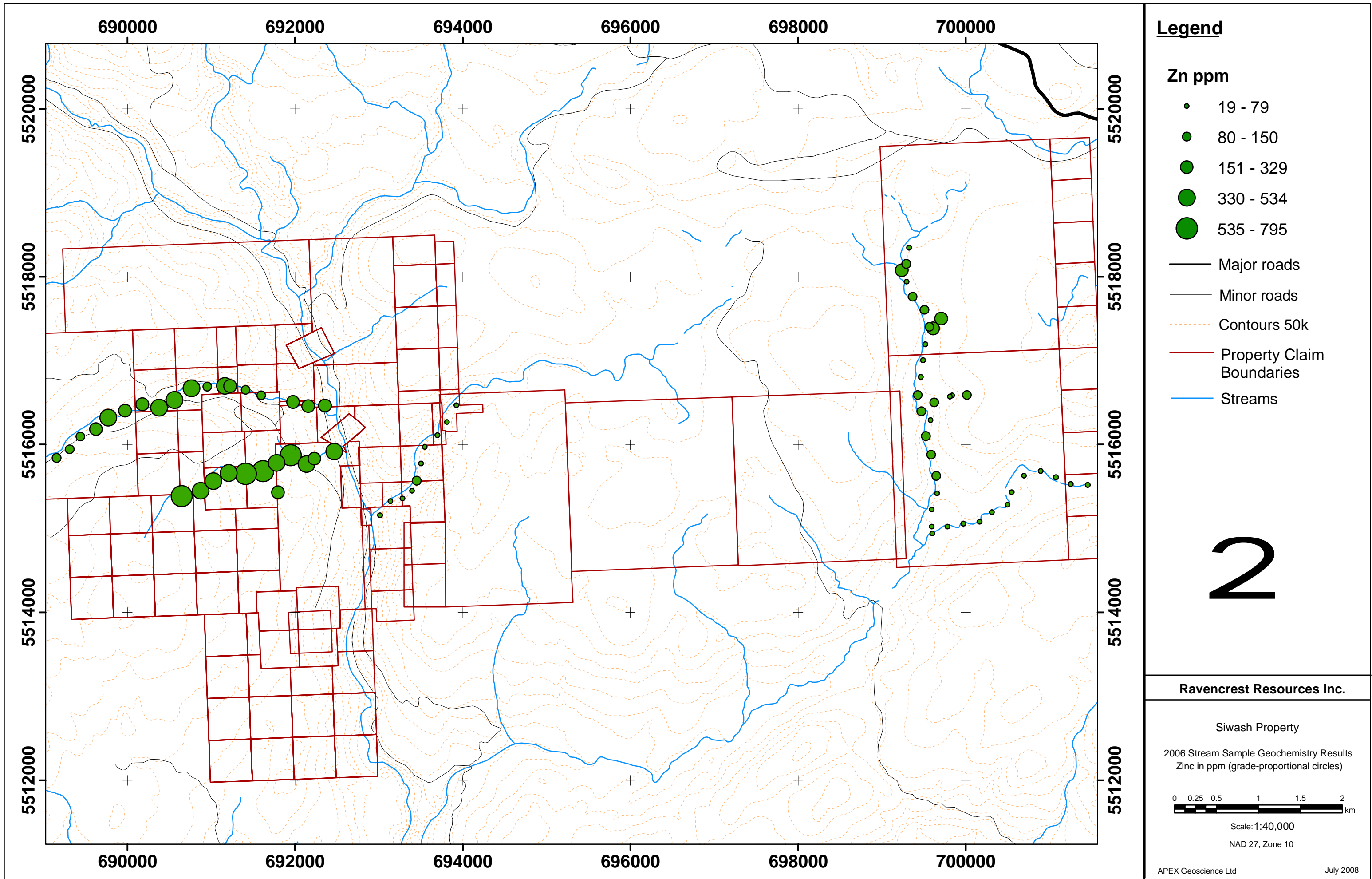


Figure 20

## **SAMPLING METHOD AND APPROACH**

Figures 11-15 illustrate the geographic distribution of historic soil sampling and soil sampling during the 2006 exploration program on the Siwash Property. Soil samples on the eastern claims of the Siwash Property were taken at 100 meter intervals along lines spaced at 500 meters. Infill soil sampling was conducted at 25 meter intervals in the Northeastern Detail grid. The soil samples were collected using a shovel at depths of 10 to 30 centimeters in the "B" soil horizon. Representative samples of this soil horizon were placed into brown paper kraft bags and sealed. Sample locations were recorded with a GPS device and marked with flagging tape. Notes were taken pertaining to the soil colour, texture, sample depth and the slope of the ground it was taken from. Every effort was made to clean the sampling gear between sites to avoid cross-contamination between sites. Soil sampling has defined two large Zn-Pb anomalies within the eastern portion of the Siwash Property. A soil sample from the easternmost anomaly returned an assay of 1238 ppm (0.12%) Zn.

Stream sediment samples were taken at 200 meter intervals along a number of streams on the property (Figs. 16-20). Samples of fluvial material, predominately from point bars, were gathered using a shovel and screened using a 2 millimetre mesh and placed into a clear plastic bag. Sample locations were recorded with a GPS device and marked with flagging tape and an ID tag of the sample number was placed into the bag. Every effort was made to clean the sampling gear between sites to avoid cross-contamination between sites. Stream sediment sampling near the eastern soil anomaly returned two adjacent samples assaying 1315 ppb Au and 589 ppb Au.

Figures 6-10 illustrate the geographic distribution of historic rock sampling and rock sampling during the 2006 exploration program. Rock (grab) samples were taken from outcrop predominately at old showings and prospects on the property. All samples are granitic in nature and were chosen based on high sulphide & oxide percentages, presence of quartz veining and strong chlorite alteration. Notes were taken pertaining to the samples lithology, alteration, mineralogy and any structures that were present. Whenever possible the width and strike extent of the mineralized zone was noted. Mineralized zones (e.g. veins) were habitually sampled separately from the flanking zones (e.g. vein selveges). A number of fist-sized pieces of rock representative of the mineralized zone were placed into a plastic bag and sealed. Sample locations were recorded with a GPS device and marked with flagging tape. A series of chip samples were also taken over measured intervals across the Monty showing. Chip samples from the Monty showing were taken over the face of the steeply dipping outcrop. The trend of the mineralized zone is not known and thus the orientation of the chip samples with respect to mineralization is not known. Every effort was made in grab and chip sampling to obtain as representative a sample as possible. A summary of key rock samples and descriptions is presented in Table 6.

## **SAMPLE PREPARATIONS, ANALYSES AND SECURITY**

Rock samples were placed into sealed plastic bags and the soil samples into small dry brown kraft paper bags and then into a sealed poly woven (rice) bag for shipment to the analysing laboratory immediately following collection. All rock and soil samples were collected by APEX Geoscience personnel and sent to TSL Laboratories in Saskatoon, Saskatchewan for fire assay/atomic absorption (FA/AA) analysis and multi-element Induced Coupled Plasma Mass Spectrometry (ICP-MS). TSL reported nothing unusual with respect to the shipment, once received. The author did not have control over the samples at all times and therefore can not personally verify what happened to the samples during transport and shipping, to the time they were received at TSL. However, the author has no reason to believe that the security of the samples was compromised.

The stream sediment samples were all placed into sealed plastic bags and then into a sealed poly woven (rice) bag for shipment to the analysing laboratory immediately following collection. All stream sediment samples were collected by APEX Geoscience personnel and sent to the SRC Laboratory in Saskatoon, Saskatchewan for gold grains analysis and multi-element ICP-MS. The SRC laboratory reported nothing unusual with respect to the shipment, once received. The author did not have control over the samples at all times and therefore can not personally verify what happened to the samples during transport and shipping, to the time they were received at SRC. However, the author has no reason to believe that the security of the samples was compromised.

All rock samples were analyzed by FA/AA and ICP-MS (aqua regia digest) at TSL Laboratory in Saskatoon, Saskatchewan. The sample was dried prior to preparation and then crushed by an oscillating jaw crusher to 70% passing 10 mesh. A finer crush sample was then obtained using ring-mill pulverisers to obtain a sample for which a minimum of 95% passes through 10 mesh. Gold was analyzed by FA/AA and gravimetric when samples assayed >3000 ppb Au. Fifteen (15) samples also underwent a "screen metallics" procedure in order to compare Au values between the 150- and 150+ fractions. No duplicates, standards or blanks were included in the 2006 rock sampling program.

At TSL, all soil samples are dried and screened through an 80 mesh sieve. The 30 gram charge is taken from the minus fraction, and the entire plus fraction is retained. Gold is analyzed by FA/AA using a 30 gram charge. Samples with assay values of 3000 ppb Au or greater are reassayed using the FA/Gravimetric method. No duplicates, standards or blanks were included in the 2006 soil sampling program.

Stream sediment samples were sent to SRC where a 500 gram sub sample is taken for geochemical analysis and is dried at 80° C overnight. The original sample is used to analyze for gold grains. The dried sub sample is mortared and

sieved at  $\pm 180$  microns. The  $<180$  micron fraction is used for geochemical analysis (fire assay and ICP-MS). No duplicates, standards or blanks were included in the 2006 stream sediment sampling program.

A detailed outline of SRC Laboratories accreditations and quality assurance measures are presented at: [http://www.src.sk.ca/html/labs\\_facilities/analytical\\_labs/quality\\_assurance/index.cfm](http://www.src.sk.ca/html/labs_facilities/analytical_labs/quality_assurance/index.cfm). Accreditations and quality control measures employed by TSL Laboratories can be found at: <http://www.tslabs.com/qa.htm>. The author has no reason to believe that there are any issues or problems with the analyzing procedures utilized by either SRC Laboratories or TSL Laboratories.

### **DATA VERIFICATION**

The results of the 2006 rock, soil and stream sediment sampling on the Siwash Property have been reviewed, verified and compiled by APEX Geosciences geological staff (which includes a 'Qualified Person', Dean Besserer P.Geol. for the purpose of NI 43-101, Standards of Disclosure for Mineral Projects).

In addition to the quality control measures described above under the section "Sample Preparation, Analysis and Security", as part of their in house quality assurance/quality control (QA/QC) program, TSL inserts blank and standard samples in addition to repeat sample analysis. Ten percent of all samples are subject to in house repeat analysis when submitted for fire assay. Three percent of all samples submitted for ICP-MS analysis to TSL were subject to in house repeat analysis. TSL in-house standards have been certified by external round robin. Results from all internal QC samples and repeats are reported. All data collection is performed electronically after supervisory perusal, and transferred into the Certificate generation program. Final Certificate copies are reviewed by TSL for all aspects of quality assurance prior to signing.

The collection of rock grab and stream sediment samples at the Siwash Property was limited to a small number of reconnaissance samples. Rock sampling was designed to verify the presence of historic mineralization and was not intended to establish the extent or grade over width of historic mineralized zones. Similarly stream sediment sampling was designed to identify drainages possessing anomalous base and precious metals values requiring further detailed investigation. The in house QA/QC procedures implemented by TSL and the SRC, both ISO/IEC 17025 accredited laboratories, are considered adequate.

### **ADJACENT PROPERTIES**

The author of this Technical Report has not been able to verify the information set out in this section of the Technical Report. Furthermore, the author of this Technical Report acknowledge that presence of mineralization and ore deposits on the Elk Property and the Brenda Mine is not necessarily indicative of similar

mineralization or deposits existing on the Siwash Property that is the subject of this Technical Report.

Gold-silver mineralization is located on Almaden Minerals Ltd.'s Elk property, approximately 6 kilometers to the north of the Siwash Property. The property is hosted primarily by pyritic quartz veins and stringers within altered granite, and in some cases volcanic rocks of the Nicola Group. Cross cutting relationships have indicated the veins are Tertiary in age and quite possibly related to the Tertiary Otter intrusives. Eight mineralized vein systems have been identified by either drilling, trenching or prospecting on the Elk Property. Gold occurs primarily as fine grained native gold (less than 50 microns) in fine flakes within quartz, in quartz-pyrite stockworks and in fractures within veins. Giroux (2004) describes the gold mineralization and alteration in the following statement, "*Gold is closely associated with pyrite with minor minerals such as chalcopyrite, sphalerite, galena, tetrahedrite and pyrrhotite sometimes present. Gangue mineralogy consists of quartz and altered wall rock clasts with minor amounts of ankerite, calcite, barite and fluorite occurring locally*".

The Siwash North B Vein (Elk Property) is the most significant vein and has been drill tested and mined by both open pit and underground methods. The vein has a strike length of over 950 meters along a north-easterly direction and ranges in width from 0.1 to 3 meters in true width. The vein has a shallow dip, averaging about 20° near surface and steepening at depth. The vein occurs near the contact between the Pennask Granodiorite and Nicola volcanics, striking eastward into the granodiorite. As the vein penetrates into a quartz monzonite unit it splays into a series of subparallel veins. A number of individual ore shoots have been delineated by extensive diamond drilling, both from surface and underground (Giroux, 2004).

From 1992 to 1994 a total of 14,720 tonnes have been mined from the Siwash North open pit (ELK Property) on the B vein recovering a total of 1,481,000 grams (47,600 ounces) of gold. A decline 985 meters in length was developed on the Siwash B vein (ELK Property) and several areas were test mined between 1993 and 1995 producing an additional 120,000 grams (3,860 ounces) of gold from 1,780 tonnes of material mined (Giroux, 2004). An ore reserve estimate has been published for the Elk property (Giroux, 2004) and refined in 2006 based on 2005-2006 drilling in a Technical Report entitled "2006 Update of Resource, Siwash Project, Elk Property" (<http://www.almadenminerals.com/News%20Releases/2006/may06-06M.html>). A clarification of this 2006 Technical Report concerning reported mineral resource calculations was released on November 19, 2006 (<http://www.almadenminerals.com/News%20Releases/2007/feb19elk-07.html>) and amendments to the aforementioned 2006 Technical Report were released on March 15, 2007 (<http://www.almadenminerals.com/News%20Releases/2007/mar19-07.html>).

The Brenda Cu-Mo-Au past-producer is located approximately 25 kilometers to the northeast of the Siwash Property. The Brenda Mine produced approximately

180 million tons of very low grade copper and molybdenum between 1970 and 1990 from an open pit mine. The Brenda deposit is hosted within the "Brenda stock", a composite quartz diorite/granodiorite body which forms part of the Pennask Batholith. The Brenda stock is a composite, zoned quartz diorite to granodiorite body. Several ages and compositions of pre-and post-ore dikes cut the stock. The deposit is approximately 390 meters from the contact with Nicola Group rocks to the west. The Brenda orebody is part of a belt of copper-molybdenum mineralization that extends north-northeast from the Nicola Group-Brenda stock contact. Mineralization of economic grade (0.3 per cent copper equivalent) is confined to a somewhat irregular zone approximately 720 meters long and 360 meters wide. Ore-grade mineralization extends more than 300 meters below the original surface. Lateral boundaries of ore-grade mineralization are gradational and appear to be nearly vertical. Primary mineralization is confined almost entirely to veins; the grade of the orebody is a function of fracture (vein) density and of the thickness and mineralogy of the filling material. The average total sulphide content within the orebody is 1 per cent or less. Chalcopyrite and molybdenite, the principal sulphides, generally are accompanied by minor, but variable quantities of pyrite and magnetite. The chronological stages of mineralization are as follows: (1) biotite-chalcopyrite (oldest); (2) quartz-potassium feldspar-sulphide; (3) quartz-molybdenite-pyrite; (4) epidote-sulphide-magnetite; and (5) biotite, calcite and quartz. Stages 1 through 4 are all genetically related to a single mineralizing episode, which was responsible for the orebody. Hydrothermal alteration at the Brenda deposit generally is confined to narrow envelopes bordering veins. These alteration envelopes commonly grade outward into unaltered or weakly propylitic-altered rock. Where veins are closely spaced, alteration envelopes on adjacent veins may coalesce to produce local areas of pervasive alteration. For the most part, hydrothermal alteration at the Brenda deposit is exceptionally weak for a porphyry copper system. (B.C. Minfile description for the Brenda Deposit, available at: <http://minfile.gov.bc.ca/Summary.aspx?minfilno=092HNE047>).

## **MINERAL PROCESSING AND METALLURGICAL TESTING**

To the authors' knowledge no metallurgical testing had been performed on material from the Siwash Property.

## **MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES**

To the authors' knowledge no mineral resource or mineral reserve estimates have been conducted on the Siwash Property.

## **EXPLORATION EXPENDITURES**

Total expenditures for the October 31 to November 17, 2006 exploration program on the Siwash Property were C\$116,107.88. Costs included retaining APEX Geoscience Ltd. to conduct soil, stream sediment, and grab sampling as well as

mapping and reassessing historical prospects and showings. A detailed description of all costs incurred during the exploration program is attached in Appendix 3.

## **INTERPRETATION AND CONCLUSIONS**

The 2006 exploration program has uncovered a number of interesting precious and base metal targets, some of which were previously unknown. A number of these are considered worthy of additional investigation as discussed under 'Recommendations' below.

Soil sampling on the eastern claims has identified two new large anomalies, the westernmost showing elevations in Pb-Zn-Au +/- Cu and the easternmost showing elevations in Pb-Zn. A number of smaller anomalies have also been identified in the 2006 soil sample dataset.

Evaluation of the Camp prospect and resultant geochemical data has led the author to rate this area as high priority. As a result, a component of the 2007 program should focus on compiling existing data and detailed mapping & rock/soil sampling at this prospect. A suggested course of action is outlined below under 'Recommendations.'

Brief mapping in the Northeast Detail area indicated a probable structural control (contact related) to the mineralization in this area. While work in this area is not considered to be high priority, detailed mapping should focus on alteration distribution and structural mapping.

In the authors opinion, the original objectives of the 2006 exploration program on the Siwash Property (soil sampling and a reassessment of the prospects/showings on the Siwash Property) have been successfully met. The rock sampling program adequately provided up-to-date geological and geochemical information on the various prospects/showings on the Siwash Property. Future rock sampling should incorporate more chip samples to obtain better data on mineralized zone widths. Soil and stream sediment sampling density is believed to have been adequate for the identification of targets worthy of future exploration. Higher density soil sampling is required in the future in order to more accurately characterize the targets discovered in 2006 on the Siwash Property. In the authors opinion the geological and geochemical data gathered during the 2006 Siwash Property exploration program and presented here in this Technical Report is both accurate and reliable.



## **RECOMMENDATIONS**

Based on the presence of polymetallic anomalies (in soil, rock and stream sediment) on the Siwash Property, high grade polymetallic vein showings, adjacent past and present Cu-Mo-Au porphyry and Au vein producers and favourable geology, the Siwash Property is of a high priority for follow-up exploration. A multiphased exploration program is warranted and recommended for the Siwash Property. The exploration program should include, but not be limited to:

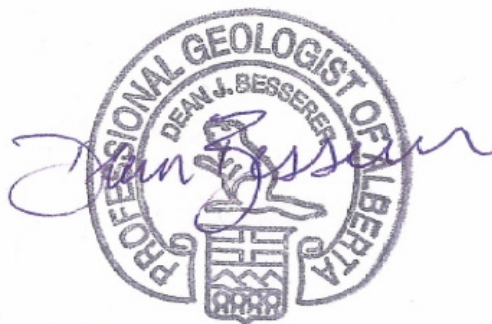
**Phase 1:** a) Compilation of historical exploration data, particularly drillhole locations, grab samples and localized soil sampling grids should be considered a priority, particularly information pertaining to the Camp showing. b) Completion of a high resolution helicopter airborne magnetic and electromagnetic survey over the Siwash Property claims. Particular attention should be paid to linear magnetic and electromagnetic conductor anomalies along the margins of the quartz eye porphyry body and within the granite/syenogranite hosting the Camp showings. c) A field based program including the collection 50 metre spaced infill soil samples at 100 metre line spacing to further delineate 2006 soil anomalies on the eastern claims. In total, approximately 1000 soil samples should be collected. As well, as part of a standard quality control/quality assurance program, ten percent (10%) of all samples should be collected in duplicate (i.e. an additional 100 samples; 1100 samples total). Additional rock sampling and geological mapping at the Camp showing should be completed. This should incorporate chip sampling to obtain better data on mineralized zone widths. In total, approximately 50 rock samples should be collected. d) Ground-proofing and ground geophysical surveying (magnetic and time domain electromagnetic surveys) of geophysical anomalies following the 2008 airborne geophysical survey (not yet completed) should be completed during the 2008 field program. The estimated cost to complete Phase 1 exploration is \$299,850 plus GST (Table 8).

**Phase 2: The Phase 2 exploration is contingent on the results of the Phase 1 exploration.** a) Provided that Phase 1 warrants it, a diamond drilling program should be planned for the Camp showing and for high priority soil/geophysical anomalies. The estimated cost to complete Phase 2 exploration is \$300,000, plus GST (Table 8).

ITEM	DESCRIPTION	COST
<b>Phase 1</b>		
a)	Data compilation	\$10,000
b)	Helicopter magnetic-electromagnetic survey of about 500 line-km over Siwash Property at all up cost of about \$200/line-km including fuel, accommodation, processing etc.	\$100,000
c)	Salaries – 2 geologists and 3 students for 15 days	\$27,000
	Accommodation and meals – 15 days	\$15,400
	Senior Supervision – 2 days	\$1,300
	Truck Rentals, operating expenses (gas)	\$6,400
	Field gear – hammers, compasses, GPS, satellite phone, radios, etc.	\$2,500
	Miscellaneous. expenses, overhead fee and contingency	\$2,500
	Analytical – 1100 soil samples @ \$30 / sample and 50 rock samples @ \$35/sample	\$34,750
d)	Ground-proofing geophysical anomalies and 10 Ground geophysical surveys at \$10,000 per target (magnetics and time domain electromagnetics)	\$100,000
<b>Total Phase 1 Project Costs, Excluding GST</b>		<b>\$299,850</b>
<b>Phase 2</b>		
a)	Contingent on the results of Phase 1: diamond drilling on selected targets from Phase 1 (1200 metres @ \$250/metre all up	<b>\$300,000</b>
<b>Total Phase 2 Project Costs, Excluding GST</b>		<b>\$300,000</b>
<b>Total Phase 1 and 2 Project Costs, Excluding GST</b>		<b>\$599,850</b>

Table 8: Recommended 2008-2009 program and budget for the Siwash Property.

### APEX Geoscience Ltd



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Edmonton, Alberta, Canada  
June 12, 2008

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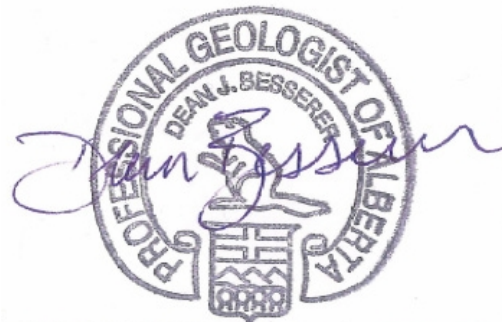
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## CERTIFICATE OF AUTHOR

- (a) I, Dean J. Besserer, residing at 131 Foxboro Landing, Sherwood Park, Alberta, Canada do hereby certify that: I am a geologist, principal and Vice President of APEX Geoscience Ltd. ("APEX"), Site 200, 9797 – 45 Avenue, Edmonton, Alberta, Canada.
- (b) I am the author of this Technical Report entitled: "Technical report on the precious and base metal potential of the Siwash Creek Property", dated June 12, 2008, and am responsible for the preparation and supervision of the preparation of the entire Report.
- (c) I am a graduate of The University of Western Ontario, London, Ontario with a B.Sc. in Geology (1994) and have practiced my profession continuously since 1994 as an employee of APEX Geoscience Ltd. I worked as a Project Geologist (1994-2000) and Principal and Senior Geologist (2000-present). I have supervised exploration programs specific to gold, diamonds, uranium and base metals with annual budgets exceeding \$10,000,000Cnd. I have completed National Instrument 43-101 reports for projects in Canada, the U.S., Kyrgyzstan, Australia, Argentina, Mexico, Thailand, Senegal, Brazil, Ukraine and Ecuador. I am a Professional Geologist registered with APEGGA (Association of Professional Engineers, Geologists and Geophysicists), and NAPEGG (Northwest Territories Association of Professional Engineers, Geologists and Geophysicists) and a 'Qualified Person' in relation to the subject matter of this Technical Report.
- (d) I visited the Property that is the subject of this Report during October 29, 2006.
- (e) I am responsible for the supervision and preparation of the entire Report.
- (f) I am considered independent of the issuer as defined in Section 1.4. I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Siwash Creek Property and do not hold securities of Ravenscrest Resources Inc.
- (g) I did not have any prior involvement with the Property.
- (h) I have read and understand National Instrument 43-101 and the Report has been prepared in compliance with the instrument.
- (i) To the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.
- (j) I hereby consent to the use of this Report and my name in the preparation of a prospectus for the submission to any Provincial or Federal regulatory authority.

Edmonton, Alberta, Canada  
June 12, 2008



Dean J. Besserer, B.Sc., P.Geol.

**APPENDIX 1:**

**SAMPLE DESCRIPTIONS:**

**Grab Samples**

**Soil Samples**

**Stream Sediment Samples**

## 2006 GRAB SAMPLE DESCRIPTIONS

Sample	Date	Project	Easting NAD27 Z10	Northing NAD27 Z10	Showing	Lithology	Description
06RTP201	2-Nov-06	99123	692979	5517966	Northern section, mountaintop, near 1994 and 2004 drillholes	Chloritized mafic	Chloritized mafic? Cut by galena-py rich qrtz vns. May be mylonitized granite?
06RTP202	2-Nov-06	99123	691463	5516131	At Western trenches.	Altered granite	Weathered out rotted altered sulphidized granite, possible chalcocite on fractures.
06RTP203	2-Nov-06	99123	691474	5516150	At Western trenches.	Silicious pyritic rock	Strongly silicious rock with abundant euhedral py
06RTP204	2-Nov-06	99123	691443	5516150	At Western trenches.	Mafic volcanic enclave or mylonitized chloritized granite	Chloritized mafic volc or mylonitized chloritized granite. Galena-py-cpy-sph vns, 1cm and less
06RTP205	3-Nov-06	99123	690097	5517320	Northwestern Trenches	Bx	Clast rich rotted out sulphides, pebble bx, chip over 35cm
06RTP206	3-Nov-06	99123	692428	5516462	Clairemont	silicified qfp	Silicified pyritized QFP with minor ga
06RTP207	3-Nov-06	99123	692609	5516522	Clairemont	silicified qfp	Silicified pyritized QFP with minor ga
06RTP208	3-Nov-06	99123	692861	5515352	Camp showing	granite	Green coloured granite (or dark coloured porp) with thin x-cutting galena vn
06RTP209	3-Nov-06	99123	692843	5515340	Camp showing	granite	Greeny coloured qrtz-feld granite, near massive ga vn strikes 195/30
06RTP210	3-Nov-06	99123	692859	5515349	Camp showing	granite	chloritized granite with near-massive patches of galena, taken near 06KRP422
06RTP211	5-Nov-06	99123	692835	5515274	Camp showing	alt granite	Near massive hematite, lesser magnetite, chlorite, with a few surviving coarse xtls of qrtz-feld (bxated granite source) minor mc staining
06RTP212	5-Nov-06	99123	692832	5515269	Camp showing	alt granite	Clay altered granite/granite bx with mc-az staining - at Camp adit
06RTP213	5-Nov-06	99123	692832	5515269	Camp showing	alt granite	Mc-az stained altid granite with bands/vns of mag-hem-ga-sph, Camp adit
06RTP214	5-Nov-06	99123	692832	5515269	Camp showing	alt granite	Qrtz-cc vn with ga-cpy-sph-Mn? And chl, mc stained, near adit, vein at 265/80
06RTP215	5-Nov-06	99123	692300	5516320	TR93-3 trench	Chloritic shear	070/75 chloritic shear vn, minor ga-cpy-py
06RTP216	6-Nov-06	99123	692761	5514601	Spud	Altered granite	chl altd, wk Si, hem-ga vns, granite
06RTP217	6-Nov-06	99123	692789	5514664	Spud	Altered granite	chl-wk Si alt'd granite with spec-ga vns
06RTP218	6-Nov-06	99123	692638	5514319	Spud 3	Qrtz-cc-spec vn within granite	Thin qrtz-cc-hem-sulph vn cutting coarse granite, wk chl, Si alt. 045/062
06RTP219	6-Nov-06	99123	692638	5514319	Spud 3	Granite	Selvedge to vein from 218, minor cpy, hem
06RTP220	6-Nov-06	99123	692570	5514355	Spud 3 pit	Granite	py-spec vns in granite, Spud 3 pit
06RTP221	6-Nov-06	99123	692598	5514009	Chalco pit	Granite/vn	mc-cpy vn cutting granite
06RTP222	6-Nov-06	99123	692598	5514009	Chalco pit	Altered granite	Coarse diss py in altd granite
06RTP223	6-Nov-06	99123	692576	5514118	Chalco pit	QV with cpy	Cpr-mc vn cutting granite near 4 drillholes, 200/020
06RTP224	11-Nov-06	99123	692632	5516653	Monty		Monty chip sample, 1.5m, see notes
06RTP225	12-Nov-06	99123	692632	5516653	Monty		Monty chip sample, 1.5m, see notes
06RTP226	13-Nov-06	99123	692632	5516653	Monty		Monty chip sample, 2.0m, see notes
06RTP227	14-Nov-06	99123	692632	5516653	Monty		Monty chip sample, 1.2m, see notes
06RTP228	15-Nov-06	99123	692632	5516653	Monty		Monty chip sample, 0.4m, see notes
06RTP229	16-Nov-06	99123	692632	5516653	Monty		Monty chip sample, 1.4m, see notes
06KRP400	1-Nov-06	99123	692633	5516651	Three Adit Gap	qz eye porphyry	vein, galena and pyrite in qtz eye porphyry granitoid
06KRP401	1-Nov-06	99123	691938	5516617	Northern section, mountaintop, near 1994 and 2004 drillholes	Altered granite	medoium grained chloite altered intrusive, deep pink k-spar and fine-med grained amphibole laths. Rusty oxidizing PY+/-CPY, moderately magnetic, subcrop



Sample	Date	Project	Easting NAD27 Z10	Northing NAD27 Z10	Showing	Lithology	Description
06KRP402	27-Oct-06	99123	692686	5516020	Fisher Maiden	quartz vein + galena	galena rich quartz vein, 045 trend, few cm-20cm selvage, clay altered feldspar, at adit collar
06KRP403	27-Oct-06	99123	692627	5516634	Monty	silicified felsic intrusive	strongly silicified felsic intrusive (porph granite) with 5-10% euhedral sugary PY and weak disseminated galena
06KRP404	27-Oct-06	99123	692632	5516653	Monty	silicified felsic intrusive	as in 403; silicified felsic intrusive; PY, GAL, sph
06KRP405	27-Oct-06	99123	692461	5516727	Three Adit Gap	silicified felsic intrusive	as in 403-404; sugary disseminated PY
06KRP406	27-Oct-06	99123	692479	5516706	Three Adit Gap	clay altered granite	clay altered granite or quartz eye porphyry; minor PY, Gal, sph; white and soft
06KRP407	27-Oct-06	99123	692516	5516765	Three Adit Gap	silicified felsic intrusive	as in 304; Si altered intrusive with disseminated euhedral PY, minor GAL, sph, CPY
06KRP408	2-Nov-06	99123	692845	5518065	Northern section, mountaintop, near 1994 and 2004 drillholes	chlorite altered granite?	rubble subcrop, chloritized 2-5mm galena+-sphalerite veins hosted in a chloritized gabbro or diorite(?), or altered granite
06KRP409	2-Nov-06	99123	692877	5518084			RT sample
06KRP410	2-Nov-06	99123	692880	5518072	Northern section, mountaintop, near 1994 and 2004 drillholes	chlorite altered granite?	same as KRP408, 3mm oxidized hematite+galena veins in dark green chloritized granite
06KRP411	2-Nov-06	99123	692886	5518070	Northern section, mountaintop, near 1994 and 2004 drillholes	chlorite altered granite?	same as 06KRP410
06KRP412	2-Nov-06	99123	692979	5517964		chloritized basalt(?)	fine galena veins, blebs and chalcopyrite+pyrite veins within fine grained chloritized basalt(?); rubble subcrop on road cut
06KRP413	2-Nov-06	99123	693058	5517885		quartz+feldspar intrusion	coarse grained moderately chloritized quartz+feldspar intrusion and 3m galena veinings as 06KRP412
06KRP414	2-Nov-06	99123	691474	5516136		clay/limonite altered granitoids	oxidized limonitic massive pyrite vein in o/c of "western trenches" area; large 8mx50m cut trench, ~3m deep; prominent fracture set within clay/limonite altered coarse granitoids, 070/80
06KRP415	2-Nov-06	99123	691473	5516131			1-2m bx zone is subhorizontal; sample of oxidized bx.vein material
06KRP416	3-Nov-06	99123	691288	5517014		feldspar+quartz granitoid	rusty altered limonitic/kalinitized feldspar+qtz phyrlic k-spar megacrystic porphyritic granitoid; rusty but no sulphides seen
06KRP417	4-Nov-06	99123	690068	5517414		gabbro(?)	dark green chlorite/epidote altered bauxite with feldspar clasts; possible gabbro; galena, pyrite
06KRP418	4-Nov-06	99123	690130	5517330		chloritized basalt(?)	chl/ep altered cataclastic breccia; clasts up to 1-2cm welded with oxidized sulphides (?); limonitic/geolithic; bx zones are discontinuous within a finer grained chloritized basalt (??)
06KRP419	4-Nov-06	99123	690062	5517341		quartz+feldspar porphyry	oxidized limonitic, argillite (??); altered pale grey-green qtz+fsp porphyry, fine grained; no visible pyrite or sulphides but pervasive limonite oxidation on weathered surfaces
06KRP420	4-Nov-06	99123	692608	5516522	Claremont	quartz+feldspar porphyry	sample of silicified vein material from 1m above collapsed "claremont" adit; claremont was driven on a 1.5m wide silicified fracture/vein zone within qtz+fsp porphyry; disseminated PY throughout highly silicified vein ~5" wide, 110/40
06KRP421	4-Nov-06	99123	692453	5516715			sample of 12" vein of wet textured silicified sinter with oxidized sulphides; 5mm qtz PY vein
06KRP422	4-Nov-06	99123	692859	5515349	Camp showing	chloritized quartz+feldspar intrusive	dark green coarse grained chloritized qtz eye+feldspar intrusive disseminated; semi-massive galena; 200/50

Sample	Date	Project	Easting NAD27 Z10	Northing NAD27 Z10	Showing	Lithology	Description
06KRP423	5-Nov-06	99123	692021	5516471		quartz+feldspar porphyry	small 5-6cm qtz+galena vein in fracture zone within qtz+feldspar limonite alt pale grey-green porphyry; 2m wide limonite talc+chl (??) alt zone weak-mod alt; 200/80
06KRP424	5-Nov-06	99123	692829	5515197	Camp showing (southern extension)	quartz+feldspar granitoid	chl alt, coarse grained qtz+fsp granitoid with magnetic chalcopyrite veins; sample from trench rubble
06KRP425	5-Nov-06	99123	692820	5515203		chlorite altered granitoid	chl alt granitoid magnetic CPY veined; fine CPY stringer veins & azurite
06KRP426	5-Nov-06	99123	692830	5515212		chlorite altered granitoid	high grade magnetite+ galena+CPY (azurite/malachite) veining within chl alt granitoid, 050/65
06KRP427	5-Nov-06	99123	692830	5515212		chloritized granitoid	unmineralized or "non veined" chloritized granitoid
06KRP428	5-Nov-06	99123	692843	5515257			carbonate bx vein; disseminated galena+magnetite/hematite and azurite locally 2ft thick; 010/70
06KRP429	6-Nov-06	99123	692771	5514668	Spud showing	chloritized altered granitoid	moderately chl altered granitoid, coarse grained with hematite/galena veins; similar to Camp show, less any Cu mineralization observed; trench rubble sample
06KRP430	6-Nov-06	99123	692686	5514512	Spud 2	chloritite altered granitoid; biotite granitoid	coarse chl alt granitoids and med grained grey-pink granitoid biotite contact, subvertical 040 trend; 0.5-1m subvertical silicified veining between units, contact parallel; 1-2 cm spaced veins of hem/mag and disseminated galena; subsidence fracture within granitoid, azurite +hem/mag +/- galena veins
06KRP431	6-Nov-06	99123	692682	5514508		biotite granodiorite	subsidence hem/mag +gal with med grained biotite granodiorite
06KRP432	6-Nov-06	99123	692643	5514316		biotite granodiorite	qtz + hm/mag rich +geothite/limonite, 045/60
06KRP433	6-Nov-06	99123	692570	5514358			no description
06KRP434	6-Nov-06	99123	692594	5514032		granite	trench rubble; granite, silicified disseminated PY, CPY+/-galena+/-hem+azurite
06KRP435	6-Nov-06	99123	693158	5516333		weakly chloritized-unaltered granite	road cut rubble; ~6" vein of massive spec hem/mag PY+/-PYR, disseminated CPY locally, very oxidized and limonite/geothite alt; host rock is weakly chl to unaltered coarse "Camp" granite
06KRP436	14-Nov-06	99123	692556	5514466		chlorite altered granite	chl alt granite with hem veins, disseminated PY; 030/60
06KRP439	15-Nov-06	99123	691795	5516575		silicified porphyry dyke (?)	silicified porphyry (??) dyke(?); qtz veins 1cm or dyke ~30-50 cm thick; disseminated PY+/-sphal (trace); 080/50
06KRP440	15-Nov-06	99123	691749	5516587		chlorite altered andesite/basalt dykes	dark green massive fine grained chl alt andesite/basalt dykes or alt granite; PY clots and disseminated in association with coarse grained bauxite

# 2006 SOIL SAMPLE DESCRIPTIONS

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Compaction	Sorting	Clast %	Clast size	Shape	Comments
06JCS061	700407	5517147	1-Nov-06	99123	10	B	MST	LOW	LEVEL	Med brn	95	5	95	0	Poor	Med	5	2-5mm	SA	Silty Soil in cutblk
06JCS062	700404	5517248	1-Nov-06	99123	15	B	MST	LOW	LEVEL	Med brn	90	35	65	0	Poor	Med	10	2-5mm	SR-R	Sandy Silt Soil in cutblk
06JCS063	700397	5517346	1-Nov-06	99123	15	B	MST	LOW	LEVEL	Dk brn	90	5	95	0	Poor	Poor	10	2-60mm	SR-R	Silty Soil
06JCS064	700406	5517449	1-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	90	10	90	0	Poor	Med	10	2-10mm	SR	Silty Soil
06JCS065	700397	5517540	1-Nov-06	99123	20	B	DRY	LOW	LEVEL	Lt brn	90	10	90	0	Poor	Med	10	2-5mm	SR-R	Silty Soil
06JCS066	700399	5517646	1-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	90	15	85	0	Poor	Poor	10	2-25mm	SR	Silty Soil
06JCS067	700399	5517741	1-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Lt brn	80	20	80	0	Poor	Med	20	2-5mm	SA-SR	Pebbly Sandy Silt Soil
06JCS068	700400	5517846	1-Nov-06	99123	30	B	MST	LOW	LEVEL	Lt gry brn	90	10	85	5	Med	Med	10	2-5mm	SA	vf. Sandy Silt Soil
06JCS069	700407	5517941	1-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Lt brn	85	15	85	0	Poor	Med	15	2-20mm	SA-SR	Silty Soil
06JCS070	700405	5518040	1-Nov-06	99123	15	B	DRY	MED	LEVEL	Lt brn	80	15	85	0	Poor	Med	20	2-15mm	SA-SR	Pebbly Sandy Silt Soil in cutblk
06JCS071	700401	5518144	1-Nov-06	99123	20	B	DRY	MED	LEVEL	Med brn	85	15	85	0	Poor	Med	15	2-5mm	SA-SR	Sandy Silt Soil in cutblk
06JCS072	700399	5518240	1-Nov-06	99123	10	B	DRY	MED	LOWER SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-20mm	SR-R	Sandy Silt Soil in cutblk
06JCS073	700399	5518344	1-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Med brn	90	15	85	0	Poor	Med	10	2-5mm	SA-SR	Sandy Silt Soil in cutblk
06JCS074	700402	5518443	1-Nov-06	99123	25	B	MST	MED	LOWER SLOPE	Dk brn	90	0	60	40	Poor	Med	10	2mm	SA-SR	Clayey Silt Soil in cutblk
06JCS075	700401	5518541	1-Nov-06	99123	25	B	DRY	MED	LOWER SLOPE	Med brn	90	15	85	0	Poor	Poor	10	2-30mm	SR-R	Sandy Silt Soil in cutblk
06JCS076	700401	5518639	1-Nov-06	99123	20	B	MST	MED	LOWER SLOPE	Med brn	90	20	80	0	Poor	Med	10	2-5mm	SA-SR	Sandy Silt Soil in cutblk
06JCS077	700400	5518747	1-Nov-06	99123	30	B	DRY	LOW	LOWER SLOPE	Med brn	90	20	80	0	Poor	Med	10	2-5mm	SA-SR	Sandy Silt Soil
06JCS078	700404	5518847	1-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Dk brn	80	15	85	0	Poor	Poor	20	2-15mm	SR-R	Sandy Silt Soil in cutblk
06JCS079	700406	5518939	1-Nov-06	99123	20	B	DRY	LOW	LEVEL	Med brn	85	10	90	0	Poor	Poor	15	2-5mm	SA-SR	Silt Soil in cutblk
06JCS080	700401	5519040	1-Nov-06	99123	25	B	MST	LOW	LOWER SLOPE	Med rd brn	85	20	80	0	Poor	Poor	15	2-25mm	SA-SR	f. Sandy Silt Soil in cutblk
06JCS081	700400	5519140	1-Nov-06	99123	25	B	MST	LOW	LOWER SLOPE	Lt brn	80	20	80	0	Poor	Poor	20	2-10mm	SR	Pebbly Sandy Silt Soil in cutblk
06JCS082	700400	5519242	1-Nov-06	99123	25	B	MST	LOW	LOWER SLOPE	Med rd brn	90	15	85	0	Poor	Poor	10	2mm	SR	Sandy Silt Soil in cutblk
06JCS083	700408	5519345	1-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Med brn	85	15	85	0	Poor	Med	15	2-5mm	SA-SR	Sandy Silt Soil
06JCS084	700405	5519440	1-Nov-06	99123	25	B	MST	LOW	LOWER SLOPE	Dk brn	90	0	70	30	Poor	Poor	10	2mm	SA-SR	Clayey Silt Soil
06JCS085	700400	5519540	1-Nov-06	99123	10	B	MST	LOW	LOWER SLOPE	Black	90	0	70	30	Poor	Poor	10	2mm	SA-SR	Organic Rich Clayey Silt Soil
06JCS086	700406	5517043	2-Nov-06	99123	25	B	DRY	LOW	LEVEL	Lt brn	90	10	90	0	Poor	Poor	10	2mm	SA-SR	Silty Soil in cutblk
06JCS087	700402	5516942	2-Nov-06	99123	25	B	MST	LOW	LOWER SLOPE	Med gry	90	10	90	0	Poor	Poor	10	2mm	SR	Silty Soil in cutblk
06JCS088	700399	5516841	2-Nov-06	99123	30	B	DRY	LOW	LOWER SLOPE	Med brn	90	10	90	0	Poor	Poor	10	2-5mm	SA-SR	Silty Soil in cutblk
06JCS089	700400	5516742	2-Nov-06	99123	35	B	MST	LOW	LOWER SLOPE	Med brn	90	15	85	0	Poor	Poor	10	2-5mm	SR	Sandy Silt Soil in cutblk
06JCS090	700398	5516642	2-Nov-06	99123	20	B	MST	LOW	LEVEL	Dk brn	90	10	80	10	Poor	Poor	10	2-5mm	SA-SR	Sandy Clayey Silt Soil
06JCS091	700401	5516540	2-Nov-06	99123	25	B	MST	LOW	LOWER SLOPE	Med brn	80	15	85	0	Poor	Poor	20	2-65mm	SR-R	Sandy Silt Soil in cutblk
06JCS092	700402	5516440	2-Nov-06	99123	30	B	MST	LOW	LOWER SLOPE	Med brn	85	20	80	0	Poor	Med	15	2-5mm	SR	vf. Sandy Silt Soil in cutblk
06JCS093	700404	5516330	2-Nov-06	99123	40	B	MST	LOW	LOWER SLOPE	Med brn	90	10	85	5	Poor	Med	10	2mm	SR	Silty Soil Fringing cutblk Logging
06JCS094	700400	5516240	2-Nov-06	99123	30	B	DRY	LOW	LOWER SLOPE	Lt brn	80	10	90	0	Poor	Med	20	2mm	SR	Silt Soil
06JCS095	700399	5516141	2-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Med brn	85	10	90	0	Poor	Med	15	2mm	SA-SR	Silt Soil
06JCS096	700398	5516040	2-Nov-06	99123	20	B	DRY	MED	LOWER SLOPE	Med brn	85	15	85	0	Poor	Med	15	2-10mm	SA-SR	Silt Soil
06JCS097	700398	5515940	2-Nov-06	99123	30	B	DRY	MED	LOWER SLOPE	Med brn	70	15	85	0	Poor	Poor	30	2-60mm	A-SR	Pebbly Silt Soil
06JCS098	700404	5515841	2-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-80mm	SA-SR	Pebbly Silt Soil
06JCS099	700404	5515739	2-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Lt brn	90	10	90	0	Poor	Med	10	2-10mm	SR-R	Silt Soil
06JCS100	700396	5515641	2-Nov-06	99123	15	B	MST	MED	LOWER SLOPE	Med brn	90	10	90	0	Poor	Med	10	2mm	SA-SR	Silt Soil
06JCS101	700394	5515539	2-Nov-06	99123	35	B	MST	LOW	LOWER SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-60mm	R	Pebbly Silt Soil
06JCS102	700397	5515440	2-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Med brn	85	15	85	0	Poor	Poor	15	2-80mm	SR-R	Cobbly Silt Soil
06JCS103	700403	5515337	2-Nov-06	99123	25	B	DRY	MED	LOWER SLOPE	Med brn	90	15	85	0	Poor	Poor	10	2-50mm	SR-R	Sandy Silt Soil
06JCS104	700400	5515240	2-Nov-06	99123	35	B	MST	MED	LEVEL	Dk brn	90	5	80	15	Poor	Med	10	2mm	SR	Sandy Silt Soil by Crk
06JCS105	700402	5515138	2-Nov-06	99123	20	B	DRY	MED	LEVEL	Med brn	85	5	95	0	Poor	Med	15	2-20mm	SR-R	Silty Soil
06JCS106	700398	5515042	2-Nov-06	99123	30	B	DRY	LOW	LOWER SLOPE	Med brn	85	15	85	0	Poor	Med	15	2-15mm	SA-SR	Silt Soil
06JCS107	700403	5514940	2-Nov-06	99123	25	B	MST	LOW	LOWER SLOPE	Med brn	85	10	90	0	Poor	Med	15	2-5mm	SA-SR	Silt Soil
06JCS108	700403	5514839	2-Nov-06	99123	25	B	DRY	LOW	LOWER SLOPE	Med brn	90	10	90	0	Poor	Med	10	2-10mm	SA-SR	Silt Soil
06JCS109	699404	5519539	3-Nov-06	99123	20	B	DRY	LOW	LEVEL	Med brn	85	15	85	0	Poor	Poor	15	2-50mm	SA-SR	Silt Soil
06JCS110	699399	5519429	3-Nov-06	99123	15	B	DRY	LOW	LEVEL	Med brn	85	15	85	0	Poor	Med	15	2-10mm	SA-SR	Silt Soil next to Logging Rd
06JCS111	699397	5519338	3-Nov-06	99123	15	B	DRY	LOW	LEVEL	Med brn	85	15	85	0	Poor	Poor	15	2-20mm	SR-R	Silt Soil with few Cobbles
06JCS112	699403	5519238	3-Nov-06	99123	25	B	DRY	LOW	LEVEL	Med brn	85	10	90	0	Poor	Med	15	2-10mm	A-SA	Silt Soil
06JCS113	699403	5519138	3-Nov-06	99123	20	B	DRY	LOW	LEVEL	Med brn	75	10	90	0	Poor	Med	25	2-10mm	SA-SR	Pebbly Silt Soil
06JCS114	699400	5519043	3-Nov-06	99123	25	B	DRY	LOW	LEVEL	Med brn	85	10	90	0	Poor	Med	15	2-15mm	SR	Silt Soil
06JCS115	699400	5518940	3-Nov-06	99123	25	B	DRY	LOW	LOWER SLOPE	Med brn	90	10	90	0	Poor	Med	10	2-5mm	SA-SR	Silt Soil
06JCS116	699399	5518840	3-Nov-06	99123	30	B	DRY	LOW	LEVEL	Med brn	90	10	90	0	Poor	Med	10	2-10mm	SR	Silt Soil
06JCS117	699401	5518740	3-Nov-06	99123	20	B	DRY	LOW	LEVEL	Med brn	90	10	90	0	Poor	Med	10	2-10mm	SA-SR	Silt Soil
06JCS118	699404	5518640	3-Nov-06	99123	25	B	DRY	LOW	LOWER SLOPE	Med brn	90	5	95	0	Poor	Well	10	2mm	SA-SR	Silt Soil

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Com- paction	Sorting	Clast %	Clast size	Shape	Comments
06JCS119	699401	5518539	3-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Med gry brn	95	5	85	10	Poor	Well	5	2mm	SA-SR	Silt Soil
06JCS120	699399	5518441	3-Nov-06	99123	35	B	MST	LOW	LEVEL	Dk brn	100	0	10	90	Med	Well	0			Organic Rich Clay Soil in Swamp next to Small Creek
06JCS121	699400	5518341	3-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Dk brn	90	0	40	60	Poor	Med	10	2-15mm	SA-SR	Silty Clay Soil in cutblk
06JCS122	699400	5518242	3-Nov-06	99123	30	B	DRY	LOW	LOWER SLOPE	Med brn	90	25	75	0	Poor	Med	10	2mm	SA	f. Sandy Silt Soil in cutblk
06JCS123	699401	5518141	3-Nov-06	99123	35	B	DRY	LOW	LOWER SLOPE	Med rd brn	80	15	85	0	Poor	Poor	20	2-80mm	SA-SR	Pebbly Silt Soil in cutblk
06JCS124	699401	5518042	3-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-10mm	SA-SR	Silty Soil in cutblk
06JCS125	699400	5517941	3-Nov-06	99123	30	B	DRY	MED	MID SLOPE	Med rd brn	75	10	90	0	Poor	Poor	25	2-80mm	SA-SR	Pebbly Silt Soil in cutblk
06JCS126	699399	5517841	3-Nov-06	99123	30	B	DRY	MED	MID SLOPE	Med rd brn	75	10	90	0	Poor	Med	25	2-7mm	SA	Pebbly Silt Soil in cutblk
06JCS127	699400	5517742	3-Nov-06	99123	25	B	DRY	MED	MID SLOPE	Med brn	80	0	100	0	Poor	Med	20	2-50mm	SR-R	Pebbly Silt Soil
06JCS128	699402	5517638	3-Nov-06	99123	35	B	DRY	MED	LEVEL	Med brn	85	0	100	0	Poor	Med	15	2-55mm	SR-R	Pebbly Silt Soil
06JCS129	699404	5517542	3-Nov-06	99123	55	B	MST	LOW	LEVEL	Dk brn	100	0	10	90	Poor	Well	0			Organic Rich Clay Soil
06JCS130	693962	5516501	4-Nov-06	99123	20	B	MST	MED	LOWER SLOPE	Med brn	85	15	85	0	Poor	Poor	15	2-6mm	SA-SR	Silty Soil
06JCS131	693903	5516439	4-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-30mm	A-SA	Silt Soil by Creek
06JCS132	693907	5516346	4-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Med Green brn	80	15	85	0	Poor	Poor	20	2-50mm	A-SA	Silt Soil
06JCS133	693903	5516242	4-Nov-06	99123	20	B	DRY	MED	MID SLOPE	Med brn	85	15	85	0	Med	Med	15	2-60mm	A-SA	Silt Soil
06JCS134	693901	5516141	4-Nov-06	99123	20	B	DRY	MED	LOWER SLOPE	Med brn	90	10	90	0	Poor	Med	10	2mm	A-SA	Silt Soil
06JCS135	693894	5516044	4-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Lt brn	85	10	90	0	Poor	Poor	15	2mm	A-SA	Silt Soil
06JCS136	693903	5515938	4-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Lt brn	70	20	80	0	Poor	Poor	30	2-60mm	A-SA	Pebbly Sandy Silt Soil Overlying Outcrop
06JCS137	693914	5515844	4-Nov-06	99123	20	B	MST	HIGH	MID SLOPE	Lt brn	70	40	60	0	Poor	Poor	30	2-30mm	A	Pebbly Silt Soil along side O/C
06JCS138	693919	5515734	4-Nov-06	99123	15	B	DRY	HIGH	MID SLOPE	Med rd brn	80	20	80	0	Poor	Poor	20	2-30mm	A	Pebbly Sandy Silt Soil in Dry Ravine b/t O/C
06JCS139	693902	5515643	4-Nov-06	99123	15	B	DRY	HIGH	MID SLOPE	Lt brn	80	20	80	0	Poor	Poor	20	2-5mm	A	Pebbly Sandy Soil on Talus Slope
06JCS140	693902	5515538	4-Nov-06	99123	15	B	DRY	HIGH	MID SLOPE	Lt Yellow brn	85	0	100	0	Poor	Well	15	2mm	A	Sandy Soil overlying O/C
06JCS141	693902	5515440	4-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Med brn	90	5	95	0	Poor	Med	10	5-50mm	A-SA	Silt Soil
06JCS142	693894	5515340	4-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Lt brn	90	0	100	0	Poor	Med	10	2-10mm	SA	Silt Soil
06JCS143	693900	5515240	4-Nov-06	99123	20	B	DRY	MED	MID SLOPE	Lt brn	90	5	95	0	Poor	Med	10	5mm	SA-SR	Silt Soil
06JCS144	693897	5515140	4-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Lt brn	90	5	95	0	Poor	Med	10	2-5mm	SA-SR	Silt Soil
06JCS145	693901	5515039	4-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Lt brn	90	5	95	0	Poor	Med	10	2-50mm	SA-SR	Silt Soil
06JCS146	693898	5514939	4-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Lt brn	85	5	95	0	Poor	Med	15	2-50mm	SA-SR	Silt Soil
06JCS147	693899	5514841	4-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Med brn	80	5	95	0	Poor	Poor	20	2-50mm	SA-SR	Silt Soil
06JCS148	693904	5514740	4-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Lt brn	85	5	95	0	Poor	Med	15	2-5mm	A-SA	Silt Soil
06JCS149	693897	5514640	4-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Med brn	85	5	95	0	Poor	Poor	15	2-50mm	SA-SR	Silt Soil
06JCS150	693897	5514539	4-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Med brn	90	5	95	0	Poor	Poor	10	2-50mm	SA-SR	Silt Soil
06JCS151	693903	5514437	4-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Med brn	90	0	100	0	Poor	Med	10	2-5mm	SA-SR	Silt Soil
06JCS152	693905	5514337	4-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	90	0	100	0	Poor	Med	10	2mm	SA-SR	Silt Soil
06JCS153	693899	5514234	4-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	90	0	100	0	Poor	Med	10	2mm	SA	Silt Soil
06JCS154	693905	5514138	4-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	90	0	100	0	Poor	Med	10	2-50mm	SA-SR	Silt Soil
06JCS155	695409	5516446	5-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Lt brn	90	0	100	0	Poor	Poor	10	2-60mm	SA	Silt Soil
06JCS156	695403	5516345	5-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Med brn	90	0	90	10	Med	Med	10	2-5mm	SR	Silt Soil
06JCS157	695399	5516225	5-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt brn	90	0	100	0	Poor	Poor	10	2-55mm	SA-SR	Pebbly Silt Soil
06JCS158	695400	5516138	5-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt brn	85	0	100	0	Poor	Poor	15	2-50mm	A-SA	Silt Soil
06JCS159	695401	5516040	5-Nov-06	99123	15	B	MST	LOW	LEVEL	Med brn	85	0	95	5	Poor	Poor	15	2-50mm	A	Silt Soil
06JCS160	695409	5515937	5-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Med brn	90	0	95	5	Med	Med	10	2-5mm	SR	Silt Soil
06JCS161	695398	5515842	5-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt brn	90	0	100	0	Poor	Poor	10	2-45mm	SA	Silt Soil
06JCS162	695394	5515741	5-Nov-06	99123	15	B	MST	LOW	LEVEL	Med brn	80	0	100	0	Poor	Poor	20	2-30mm	SA-SR	Pebbly Silt Soil
06JCS163	695408	5515639	5-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	85	5	95	0	Poor	Poor	15	2-50mm	SA-SR	Pebbly Silt Soil
06JCS164	695399	5515542	5-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	90	0	100	0	Poor	Med	10	2-30mm	SA-SR	Silt Soil
06JCS165	695401	5515439	5-Nov-06	99123	35	B	MST	LOW	LEVEL	Black	100	0	60	40	Poor	Well	0			Organic Rich Clayey Silt Soil
06JCS166	695391	5515341	5-Nov-06	99123	65	B	MST	LOW	LEVEL	Black	100	0	35	65	Poor	Well	0			Organic Rich Silty Clay Soil
06JCS167	695398	5515241	5-Nov-06	99123	70	B	MST	LOW	LEVEL	Lt brn	100	5	75	20	Poor	Well	0			Organic Rich Clayey Silt Soil
06JCS168	695404	5515140	5-Nov-06	99123	100	B	MST	LOW	LEVEL	Med brn	100	40	20	40	Poor	Well	0			Organic Rich vf. Sandy Clay Soil Mixture,
06JCS169	695397	5515039	5-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Med brn	85	15	85	0	Poor	Poor	15	2-5mm	SA-SR	Sandy Silt Soil
06JCS170	695403	5514944	5-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Lt brn	85	10	90	0	Poor	Med	15	2-15mm	SA-SR	Silty Soil
06JCS171	695403	5514836	5-Nov-06	99123	20	B	DRY	LOW	LEVEL	Lt brn	85	0	100	0	Poor	Poor	15	2-25mm	SA-SR	Silt Soil
06JCS172	695395	5514739	5-Nov-06	99123	15	B	MST	LOW	LEVEL	Med gry	85	15	85	0	Poor	Poor	15	2-15mm	SR-SR	Sandy Silt Soil
06JCS173	695398	5514642	5-Nov-06	99123	20	B	DRY	LOW	LEVEL	Lt brn	90	0	100	0	Poor	Poor	10	2-25mm	SA-SR	Silt Soil
06JCS174	695401	5514540	5-Nov-06	99123	20	B	DRY	LOW	LEVEL	Lt brn	85	0	100	0	Poor	Poor	15	2-25mm	SA-SR	Silt Soil
06JCS175	698398	5516537	6-Nov-06	99123	20	B	MST	LOW	LEVEL	Med brn	85	15	85	0	Poor	Poor	15	2-15mm	SA-SR	Silt Soil

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Compaction	Sorting	Clast %	Clast size	Shape	Comments
06JCS176	698397	5516440	6-Nov-06	99123	15	B	MST	LOW	LEVEL	Med brn	85	5	95	0	Poor	Med	15	2-50mm	SA-SR	Silt Soil
06JCS177	698397	5516343	6-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt brn	85	10	90	0	Poor	Med	15	2-15mm	SR-R	Silt Soil
06JCS178	698401	5516243	6-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt brn	85	0	100	0	Poor	Poor	15	2-50mm	SR-R	Silt Soil
06JCS179	698396	5516139	6-Nov-06	99123	15	B	MST	LOW	LEVEL	Lt brn	85	0	75	25	Poor	Poor	15	2-25mm	SR-R	Clayey Silt Soil
06JCS180	698399	5516038	6-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt brn	85	0	100	0	Poor	Med	15	2-25mm	SA-SR	Silt Soil
06JCS181	698401	5515937	6-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Lt gry brn	85	10	80	10	Poor	Poor	15	2-25mm	SA-SR	Silt Soil
06JCS182	698397	5515837	6-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt gry brn	90	0	100	0	Poor	Med	10	2-5mm	SA-SR	Silt Soil
06JCS183	698406	5515733	6-Nov-06	99123	25	B	MST	LOW	LEVEL	Med gry brn	80	15	85	0	Poor	Poor	20	2-70mm	A-SA	Pebbly Sandy Silt Soil
06JCS184	698406	5515636	6-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Lt gry brn	85	10	90	0	Med	Poor	15	2-15mm	SA-SR	Silty Soil
06JCS185	698423	5515521	6-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt brn	85	0	100	0	Poor	Med	15	2-15mm	SA-SR	Silty Soil
06JCS186	698406	5515439	6-Nov-06	99123	20	B	MST	LOW	LEVEL	Med gry brn	80	15	85	0	Poor	Poor	20	2-30mm	SA-SR	Pebbly Sandy Silt Soil
06JCS187	698415	5515327	6-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Lt brn	85	10	90	0	Poor	Poor	15	2-60mm	SA-SR	Pebbly Silt Soil
06JCS188	698403	5515241	6-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Lt brn	80	0	100	0	Poor	Poor	20	2-35mm	SA-SR	Pebbly Silt Soil
06JCS189	698396	5515136	6-Nov-06	99123	20	B	MST	MED	LOWER SLOPE	Med gry brn	85	5	90	5	Poor	Med	15	2-30mm	SA-SR	Silt Soil
06JCS190	698402	5515042	6-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Lt gry brn	85	5	95	0	Poor	Poor	15	2-100mm	A-SA	Silty Soil with Cobbles
06JCS191	698396	5514942	6-Nov-06	99123	15	B	MST	MED	LOWER SLOPE	Med brn	85	15	85	0	Poor	Poor	15	2-15mm	SA-SR	Silt Soil
06JCS192	698404	5514838	6-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	85	0	100	0	Poor	Poor	15	2-40mm	A-SA	Silt Soil
06JCS193	698404	5514742	6-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Med brn	85	15	85	0	Poor	Poor	15	50-60mm	SA	Silt Soil
06JCS194	698404	5514642	6-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	85	0	100	0	Poor	Poor	15	2-35mm	A-SA	Silt Soil
06JCS195	696900	5515335	7-Nov-06	99123	15	B	MST	LOW	LEVEL	Dk brn	90	0	40	60	Med	Med	10	2-5mm	SA-SR	Silty Clay Soil
06JCS196	696901	5515438	7-Nov-06	99123	20	B	DRY	LOW	LEVEL	Lt brn	85	0	100	0	Poor	Poor	15	2-35mm	SA	Silty Clay Soil
06JCS197	696900	5515537	7-Nov-06	99123	15	B	DRY	LOW	LEVEL	Lt brn	85	15	85	0	Poor	Poor	15	2-35mm	A-SA	Sandy Silt Soil
06JCS198	696903	5515637	7-Nov-06	99123	20	B	MST	LOW	LEVEL	Dk brn	85	0	100	0	Poor	Poor	15	2-50mm	SA-SR	Silt Soil
06JCS199	696898	5515740	7-Nov-06	99123	20	B	MST	LOW	LEVEL	Med brn	85	10	90	0	Poor	Poor	15	2-60mm	A-SA	Silt Soil
06JCS200	696906	5515840	7-Nov-06	99123	20	B	DRY	LOW	LEVEL	Med brn	85	10	90	0	Poor	Poor	15	2-10mm	SA-SR	Silt Soil
06JCS201	697400	5515841	7-Nov-06	99123	40	B	DRY	MED	MID SLOPE	brn	60	40	40	20	Med	Poor	40		SA-SR	slight sloping south-southeast
06JCS202	697402	5515741	7-Nov-06	99123	40	B	DRY	MED	LEVEL	brn	60	35	35	30	Poor	Poor	40		SA	
06JCS203	697406	5515639	7-Nov-06	99123	40	B	DRY	MED	MID SLOPE	brn	60			100	Poor	Poor	40	2	SA	midsloping east to northeast
06JCS204	697399	5515538	7-Nov-06	99123	40	B	DRY	LOW	LEVEL	brn	60	40	35	25			40	2	SA-SR	moderate tree cover
06JCS205	697397	5515439	7-Nov-06	99123	35	B	DRY	LOW	LEVEL	brn	60	30	35	35	Med	Poor	40	1	SA	increased organics/rootings
06JCS206	697401	5515332	7-Nov-06	99123	40	B	DRY	MED	LEVEL	brn	70	20	35	45	Well	Poor	30			increased organics
06JCS207	693220	5517624	13-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Lt brn	90	15	85	0	Poor	Poor	10	2-55mm	SA-SR	Silty Soil Fringing Logging Rd
06JCS208	693219	5517647	13-Nov-06	99123	15	B	MST	MED	LOWER SLOPE	Med brn	85	0	100	0	Poor	Poor	15	2-60mm	SA-SR	Silt Soil
06JCS209	693218	5517675	13-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Dk brn	85	10	80	10	Poor	Med	15	2-35mm	SA-SR	Silt Soil
06JCS210	693217	5517700	13-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Dk brn	90	0	80	20	Med	Med	10	2-15mm	SR	Clayey Silt Soil
06JCS211	693217	5517725	13-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Med brn	90	0	100	0	Poor	Poor	10	2-15mm	SA-SR	Silt Soil
06JCS212	693215	5517750	13-Nov-06	99123	15	B	MST	MED	LOWER SLOPE	Dk rd brn	60	15	85	0	Poor	Poor	40	2-20mm	SA-SR	Pebbly Silt Soil Fringing Logging
06JCS213	693214	5517775	13-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Med rd brn	85	0	100	0	Poor	Med	15	2-35mm	A-SR	Silt Soil
06JCS214	693213	5517800	13-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Lt brn	80	0	100	0	Poor	Poor	20	2-15mm	A-SA	Pebbly Silt Soil
06JCS215	693212	5517825	13-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Med rd brn	85	0	100	0	Poor	Poor	15	2-10mm	SA-SR	Silt Soil
06JCS216	693212	5517850	13-Nov-06	99123	20	B	DRY	MED	MID SLOPE	Med rd brn	85	0	100	0	Poor	Poor	15	2-30mm	A-SA	Silt Soil
06JCS217	693211	5517876	13-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Lt brn	85	0	100	0	Poor	Poor	15	2-25mm	SA-SR	Silt Soil
06JCS218	693210	5517900	13-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Med brn	85	0	100	0	Poor	Med	15	2-35mm	SA-SR	Silt Soil
06JCS219	693209	5517924	13-Nov-06	99123	15	B	DRY	MED	MID SLOPE	Lt brn	90	0	100	0	Poor	Med	10	2mm	SA-SR	Silt Soil
06JCS220	693210	5517952	13-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Lt brn	85	0	100	0	Poor	Poor	15	2-15mm	SA-SR	Silt Soil
06JCS221	693210	5517975	13-Nov-06	99123	15	B	DRY	LOW	LEVEL	Med brn	85	0	100	0	Poor	Med	15	2-15mm	SA-SR	Silt Soil
06JCS222	693206	5518025	13-Nov-06	99123	15	B	DRY	MED	LOWER SLOPE	Lt brn	85	0	100	0	Poor	Poor	15	2-25mm	SR	Silt Soil
06JCS223	693205	5518025	13-Nov-06	99123	20	B	MST	MED	LOWER SLOPE	Lt brn	80	10	90	0	Poor	Poor	20	2-50mm	SA-SR	Pebbly Silt Soil
06JCS224	693204	5518048	13-Nov-06	99123	20	B	DRY	LOW	LOWER SLOPE	Lt Yellow brn	85	0	100	0	Poor	Med	15	2-55mm	SA-SR	Silt Soil
06JCS225	693204	5518077	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med brn	80	10	90	0	Poor	Poor	20	2-70mm	SR	Pebbly Silt Soil
06JCS226	693202	5518101	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-40mm	SR	Silt Soil
06JCS227	693200	5518125	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-35mm	A-SA	Silt Soil
06JCS228	693199	5518150	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-40mm	A-SA	Silt Soil
06JCS229	693199	5518174	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med brn	85	10	90	0	Poor	Poor	15	2-25mm	SA-SR	Silt Soil
06JCS230	693198	5518199	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med brn	80	0	100	0	Poor	Poor	20	2-25mm	SA-SR	Pebbly Silt Soil
06JCS231	693195	5518224	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Dk brn	90	10	90	0	Poor	Poor	10	2-50mm	SA-SR	Silt Soil
06JCS232	693194	5518251	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med brn	90	0	100	0	Poor	Poor	10	2-25mm	A-SA	Silt Soil
06JCS233	693194	5518275	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med rd brn	90	0	100	0	Poor	Med	10	2-20mm	A-SA	Silt Soil
06JCS234	693191	5518300	13-Nov-06	99123	20	B	MST	MED	LOWER SLOPE	Med brn	85	0	100	0	Poor	Poor	15	2-25mm	SA-SR	Silt Soil
06JCS235	693190	5518323	13-Nov-06	99123	15	B	MST	MED	LOWER SLOPE	Med brn	85	0	100	0	Poor	Poor	15	2-25mm	SR	Silt Soil
06JCS236	693191	5518348	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Dk rd brn	80	0	100	0	Poor	Poor	20	2-35mm	SA-SR	Silt Soil

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Compaction	Sorting	Clast %	Clast size	Shape	Comments
06JCS237	693190	5518375	13-Nov-06	99123	15	B	MST	MED	LOWER SLOPE	Med rd brn	90	0	100	0	Poor	Med	10	2-50mm	SA-SR	Silt Soil
06JCS238	693187	5518400	13-Nov-06	99123	20	B	MST	LOW	LOWER SLOPE	Med rd brn	90	0	100	0	Poor	Med	10	2-35mm	SA-SR	Silt Soil
06JCS239	693184	5518426	13-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Med brn	80	10	90	0	Poor	Poor	20	2-50mm	SA-SR	Pebbly Silt Soil
06JCS240	693186	5518452	13-Nov-06	99123	15	B	DRY	LOW	LOWER SLOPE	Med brn	85	0	100	0	Poor	Poor	15	2-25mm	SA-SR	Silt Soil
06JCS241	693183	5518477	13-Nov-06	99123	15	B	MST	LOW	LOWER SLOPE	Dk brn	85	0	100	0	Poor	Poor	15	2-50mm	SA-SR	Silt Soil
06RMS033	700904	5517145	1-Nov-06	99123	40		wet	low	level	black	70	30	30	35	med	poor	30			organics within sample. In wetland. No clasts.
06RMS034	700901	5517244	1-Nov-06	99123	40		wet	low	level	black	70	30	30	35	med	poor	30			organics within sample. In wetland. No clasts.
06RMS035	700897	5517348	1-Nov-06	99123	30		dry	low	level	brn	60	35	35	30	med	poor	40		SA-SR	within forest, moss blanket.
06RMS036	700902	5517452	1-Nov-06	99123	40		dry	med	mid-slope	brn	60	30	40	35	med	poor	40		SA	in forest on a slope
06RMS037	700898	5517559	1-Nov-06	99123	40		wet	low	level	blk	80	25	25	50	med	med	20			in wetland, beside lake (north side), and a forest (south side)
06RMS038	700885	5517649	1-Nov-06	99123	40		mst	low	level	brn	35	50	30	20	poor	med	65		SR	southwest of a lake on a lakeshore beside forest (west side). Very sandy.
06RMS039	700861	5517750	1-Nov-06	99123	40		wet	low	level	brn	30	60	30	10	poor	med	70		SR	lakeshore sample, west of lake, forest west of sample/
06RMS040	700900	5517853	1-Nov-06	99123	40		mst	low	level	brn		35	35	30	med	med			SA	on north side of lake, at edge of a forest.
06RMS041	700902	5517948	1-Nov-06	99123	40		mst	med	mid-slope	brn	65	25	35	35	med	med	35		SA	mid sloping south, south of cut area.
06RMS042	700903	5518051	1-Nov-06	99123	40		mst	med		brn	60	35	35	30	med	med	40		SR	in cut area
06RMS043	700897	5518150	1-Nov-06	99123	40		dry	low	mid-slope	brn	70	30	40	30	med	poor	30		SA	at bottom of slope NE facing from cut area
06RMS044	700907	5518248	1-Nov-06	99123	40		wet	low	level	blk	80	20	40	40	well	poor	20			in wetland SW edge of cut area. Organics in sample
06RMS045	700895	5518355	1-Nov-06	99123	40		dry	low	level	brn	60	30	35	25	med	med	40		SA	in cut area, next to boulder on east side of Rd
06RMS046	700904	5518453	1-Nov-06	99123	35		dry	low	level	brn	65	30	40	30	med	med	35		SR	on west side of Rd on edge of forest/cut area. Organics present
06RMS047	700902	5518554	1-Nov-06	99123	35		dry	med	level	brn	60	25	35	30	well	med	40		SA	in cut area. Organics present
06RMS048	700901	5518654	1-Nov-06	99123	40		dry	med	level	brn	60	35	35	30	med	med	40		SA-SR	in cut area, sloping northward.
06RMS049	700892	5518746	1-Nov-06	99123	40		dry	med	mid-slope	brn	60	30	35	35	med	med	40	<2cm	SA	in cut area downslope Northeast. Few organics.
06RMS050	700899	5518850	1-Nov-06	99123	40		dry	med	mid-slope	brn	55	30	40	30	med	poor	35	<2cm	SA-SR	same as previous
06RMS051	700900	5518955	1-Nov-06	99123	40		mst	med	level	blk	65	30	35	35	med	med	35	<2	SA	downslope NE cut area.
06RMS052	700901	5519047	1-Nov-06	99123	40		dry	med	mid-slope	blk	80	20	40	40	med	med	20			next to cut area, mini wetland area, decreased organics.
06RMS053	700900	5519150	1-Nov-06	99123	40		mst	med	level	brn	55	35	30	35	well	med	45	<5cm		in forest, decreased organics - 50m from Rd
06RMS054	700899	5519251	1-Nov-06	99123	40		mst	low	level	blk	75	25	35	40	med	poor	25			increased organics, small wetland in forst
06RMS055	700905	5519337	1-Nov-06	99123	35		dry	low	level	brn	65	30	40	30	med	poor	35	<2cm	SA-SR	within forest, organics present
06RMS056	700906	5519445	1-Nov-06	99123	40		dry	low	level	brn	60	35	35	30	poor	poor	40	<5cm	SA	increased organics, silty, on north side of Rd in forst
06RMS057	700900	5519540	1-Nov-06	99123	40		dry	med	mid-slope	brn	65	35	40	25	poor	poor	35		SA	downslope NE- increase trees.
06RMS058	700902	5519640	1-Nov-06	99123	35		dry	med	mid-slope	brn	65	30	40	30	med	poor	35			downslope SW
06RMS059	700903	5517045	2-Nov-06	99123	40		wet			blk	80	10	40	50	med	poor	20			in wetland, edge of a forest, increased organics.
06RMS060	700901	5516951	2-Nov-06	99123	40		dry	med	level	brn	60	30	35	35	poor	poor	40	<5	SA-SR	in forest, decreased organics
06RMS061	700901	5516847	2-Nov-06	99123	40		wet	low	level	blk	80	10	35	55			20			In wetland, increased organics.
06RMS062	700897	5516750	2-Nov-06	99123	40		dry	med	mid-slope	brn	60	30	35	35	meD	med	40	<10	SA-SR	sloping slight North. In cut are. Minor organics.
06RMS063	700900	5516651	2-Nov-06	99123	40		dry	med	mid-slope	brn	55	30	35	34	med	med	45	<5	SA-SR	same as previous
06RMS064	700900	5516555	2-Nov-06	99123	40		dry	med	mid-slope	brn	70	25	45	30	poor	med	30	<2		in forest, up slope north

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Com- paction	Sorting	Clast %	Clast size	Shape	Comments
06RMS065	700897	5516446	2-Nov-06	99123	40			med	mid-slope	brn	70	20	45	35	poor	poor	30		SA	downslope northeast, moderate forest. Moderate organics within sample.
06RMS066	700902	5516343	2-Nov-06	99123	40		dry	high	mid-slope	brn	60	30	35	35	poor	poor	40	<5	SA-SR	mid-sloping down northward, more trees, cobbles <10cm in holes.
06RMS067	700900	5516250	2-Nov-06	99123	35		dry	med	mid-slope	brn	60	30	35	35	poor	poor	40		SA	downslope northeast, SA cobbles in area.
06RMS068	700896	5516148	2-Nov-06	99123	40		dry	med	mid-slope	brn	60	30	35	35	poor	poor	40	?<2	SA	downslope north, level ground midslope. Moderate tree cover.
06RMS069	700910	5516048	2-Nov-06	99123	40		dry	med	level	brn	55	35	35	30	poor	med	45	1	SA	in forest, no organics
06RMS070	700894	5515939	2-Nov-06	99123	40		dry	med	level	brn	50	35	35	30	poor	med	50	2	SA-SR	
06RMS071	700901	5515851	2-Nov-06	99123	40		dry	med	level	brn	50	40	35	25	poor	med	50	3	SA-SR	in forest, pebbles present in sample
06RMS072	700897	5515754	2-Nov-06	99123	40		mst	low	level	brn	60	30	40	30	poor	med	40	2	SA-SR	
06RMS073	700899	5515651	2-Nov-06	99123	40		dry	med	mid-slope	brn	55	40	30	30	med	poor	45	5	SA-SR	downslope southeast, increased clasts
06RMS074	700899	5515542	2-Nov-06	99123	40		dry	med	mid-slope	brn	60	30	35	35	med	poor	40	5	SA-SR	pebbles included
06RMS075	700904	5515448	2-Nov-06	99123	35		dry	med	level	brn	60	35	35	25	poor	med	40	2	SA-SR	
06RMS076	700897	5515348	2-Nov-06	99123			mst	med	level	blk	80	10	40	50	med	poor	20		SA	decreased clasts, increased organics, in wetland.
06RMS077	700899	5515249	2-Nov-06	99123	40		dry	med	mid-slope	brn	60	30	35	35	med	poor	40	0.5	SA	slight slope southwest
06RMS078	700900	5515155	2-Nov-06	99123	40		dry	med	mid-slope	brn	60	30	35	35	poor	poor	40		SA-SR	
06RMS079	700902	5515053	2-Nov-06	99123	35		dry	high	mid-slope	brn	70	25	30	35	poor	poor	30		SA	
06RMS080	700899	5514948	2-Nov-06	99123	40		dry	high	mid-slope	brn	70	25	40	35	med	poor	30		SA	northwest slope up
06RMS081	700893	5514845	2-Nov-06	99123	40		dry	med	mid-slope	brn	70	25	45	30	poor	poor	30		SA	
06RMS082	700900	5514749	2-Nov-06	99123	40			med	mid-slope	brn	60	30	35	35	poor	poor	40		SA	south-southeast slope. SA cobbles present in hole.
06RMS083	700902	5514652	2-Nov-06	99123	40		dry	med	mid-slope	brn	70	25	40	35	med	poor	30		SA	downslope, east to southeast
06RMS084	700399	5514641	2-Nov-06	99123	40		dry	low	lower slope	brn	55	40	30	30	poor	med	45		SR	heavy tree cover
06RMS085	700399	5514757	2-Nov-06	99123	40		dry	med	mid-slope	brn	65	25	40	35	med	poor	35		SA-SR	downslope west-northwest, fallen trees area. Decreased organics.
06RMS086	699400	5514641	3-Nov-06	99123	40		mst	low	level	blk	80	10	40	50	med	med	20			in wetland area, next to creek. Increased organics.clay
06RMS087	699396	5514746	3-Nov-06	99123	40		mst	low	level	brn-gry	70	20	35	45	poor	med	30			in wetland, increased organics, clay
06RMS088	699400	5514848	3-Nov-06	99123	40		dry	low	level	gry-blk	70	10	40	50	poor	poor	30			increased organics, on edge of wetland and forest
06RMS089	699403	5514952	3-Nov-06	99123	40		dry	med	mid-slope	brn	60	30	35	35	poor	poor	40	<2	SA-SR	slopes northwest, within forest
06RMS090	699401	5515051	3-Nov-06	99123	40					brn	60	35	40	25			40		SA-SR	high midsloping southeast, decreased organics, increased silt
06RMS091	699396	5515154	3-Nov-06	99123	40		dry	high	mid slope	brn	60	25	40	35	poor	poor	40	1	SA	on high sloping south
06RMS092	699404	5515256	3-Nov-06	99123	40		dry	med	mid slope	brn	60	30	35	35	poor	poor	40	1	SA-SR	sloping south
06RMS093	699396	5515359	3-Nov-06	99123	60		dry		other	brn	75	15	45	40	poor	poor	25	2	SA	40cm of peat on top of sample. Located in crest, sloping southeast between valleys
06RMS094	699397	5515455	3-Nov-06	99123	40		dry	high	level	brn	60	30	35	35	poor	poor	40	3	SA	top of high ground. Pebbles in sample.
06RMS095	699400	5515555	3-Nov-06	99123	40		dry	med	mid slope	brn	55	35	35	30	poor	poor	45	5	SA	sloping southwest, sample beside tree. Increased clasts.
06RMS096	699397	5515649	3-Nov-06	99123	40		dry	med	high slope	brn	60	35	35	30	poor	poor	40	6	SR	pebbles included.
06RMS097	699390	5515757	3-Nov-06	99123	40		dry	high	level	brn	60	35	35	30			40	3	SA	
06RMS098	699397	5515848	3-Nov-06	99123			dry	high	level	brn	70	25	45	30	poor	poor	30	2	SR	
06RMS099	699391	5515954	3-Nov-06	99123	40			med	mid slope	brn	50	40	40	20	poor	med	50	5	SA-SR	downslope northwest

Sample	Eastings NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Com- paction	Sorting	Clast %	Clast size	Shape	Comments
06RMS100	699394	5516052	3-Nov-06	99123	40				mid slope	brn	50	40	40	20			50	3	SR	downslope southeast-east, next to tree. Decreased organics, increased clasts.
06RMS101	699396	5516151	3-Nov-06	99123	40		dry	med	level	brn	60	35	40	25	med	poor	40		SR	
06RMS102	699400	5516249	3-Nov-06	99123			dry	med	mid slope	brn	60	35	40	25	poor	poor	40	5	SA	sloping southeast, SA cobbles, area sample increased organics
06RMS103	699399	5516360	3-Nov-06	99123			wet	low	level	blk	80	10	40	50	poor	poor	20			peat on top, located on north shore (wetland) of small pond. Increased organics, decreased
06RMS104	699403	5516455	3-Nov-06	99123	40		dry	med	mid slope	brn	60	40	40	20	poor	m	40	5	SA	slopes east
06RMS105	699401	5516546	3-Nov-06	99123			dry	med	mid slope	brn	60	35	35	30	poor	poor	40	5	SA-SR	slopes northeast to east
06RMS106	699396	5516656	3-Nov-06	99123			dry	high	high slope	brn	60	25	40	35	poor	poor	40	5	SR	increased pebbles/clasts, organics, more silty, slopes
06RMS107	699404	5516746	3-Nov-06	99123	40		dry	med	level	brn	60	30	35	35	poor	poor	40	3	SA-SR	clasts, decreased organics.
06RMS108	699401	5516857	3-Nov-06	99123	40		dry	high	level	brn	55	30	35	35	poor	poor	45	5	SA-SR	top of hill, by tree, boulder nearby, cobbles around, decreased sand.
06RMS109	699401	5516950	3-Nov-06	99123	40		dry	high	level	brn	55	35	40	25	poor	poor	45	5	SA-SR	increased clasts, top of slope northwest
06RMS110	699398	5517051	3-Nov-06	99123	40		dry	med	mid slope	brn	55	40	40	20	poor	poor	50	6	SA-SR	slopes southwest, increased
06RMS111	699402	5517149	3-Nov-06	99123	40		dry	med	mid slope	brn	60	35	35	30			40	10	SA-SR	within forest still, large sr cobbles in hole. Sloping NE to SE
06RMS112	699406	5517252	3-Nov-06	99123	30		dry	med	level	brn	60	35	35	30	poor	poor	40	5	SA-SR	heavily rooted ground, upslope NW from pond.
06RMS113	699404	5517350	3-Nov-06	99123	35		dry	low	level	brn	60				poor	poor	40	5	SA-SR	increased pebbles, 7cm. Rooted ground. 20m north of pond
06RMS114	699401	5517456	3-Nov-06	99123	40		dry	med	level	brn	60	30	35	35	poor	poor	40		SA-SR	slight slope north of pond (~50m), increased pebbles size up to 10cm
06RMS115	694897	5514153	4-Nov-06	99123	40		dry	med	level	brn	50	40	40	20	poor	poor	50	5	SR	in forest next to dry stream
06RMS116	694901	5514252	4-Nov-06	99123	40		dry	low	level	brn	55	35	40	25	poor	poor	45	3	SA	beside stream, under 10 cm of peat, within forst
06RMS117	694898	5514350	4-Nov-06	99123	40		dry	med	level	brn	60	30	35	35			40	3	SA	
06RMS118	694898	5514450	4-Nov-06	99123	40		dry	med	level	brn	60	30	35	35	poor	poor	40	2	SA-SR	50m NE of Rd
06RMS119	694898	5514554	4-Nov-06	99123	35		dry	med	level	brn	60	30	35	35	poor	poor	40	3	SA	
06RMS120	694898	5514651	4-Nov-06	99123	35		dry	med	level	brn	60	25	40	35			40	2	SA	decreased clasts
06RMS121	694902	5514755	4-Nov-06	99123	40		dry	high	midslope	brn	65	25	40	35			35	1	SA	slopes SW
06RMS122	694904	5514855	4-Nov-06	99123	40		dry	med	midslope	brn	60	35	35	30			40	4	SA-SR	slopes South to Southwest -
06RMS123	694903	5514947	4-Nov-06	99123	40		dry	med	midslope	brn	60	30	35	35			40	4	SA-SR	very slight slope, southwest
06RMS124	694899	5515053	4-Nov-06	99123	40		mst	med	level	black	75	15	45	50	poor	poor	25			increased clay, decreased clasts, in wetland
06RMS125	694878	5515152	4-Nov-06	99123	60		mst	med	level	blk	80	10	30	60	well	poor	20			waypoint in lake, sample on lakeshore/wetland east of sample. Decreased clasts, organics.
06RMS126	694901	5515251	4-Nov-06	99123	40						90	5	20	75	poor	poor	10			same as previous but increased organics. West of lake. POOR sample
06RMS127	694900	5515352	4-Nov-06	99123	50		dry	med	lower slope	brn	60	35	35	30	med	poor	40	4	SA	bottom slope.
06RMS128	694908	5515451	4-Nov-06	99123	40		dry	med	mid slope	brn	60	30	35	35	poor	poor	40	1	SR	downslopes southwest
06RMS129	694899	5515553	4-Nov-06	99123	40		dry	high	level	brn	55				poor	poor	45	15	SA-SR	SA cobbles, SR pebbles
06RMS130	694899	5515652	4-Nov-06	99123	40		dry	high	level	brn	60	35	35	30	poor	poor	40	5	SA	SA cobbles, SA pebbles.
06RMS131	694900	5515761	4-Nov-06	99123	40		dry	high	level	brn	60	35	35	30	poor	poor	40	2	SA	moss overlay
06RMS132	694898	5515850	4-Nov-06	99123			dry	low	lower slope	brn	65	25	40	35	poor	poor	35	2	SA	moss overlay, Northeast
06RMS133	694895	5515953	4-Nov-06	99123			dry	med	lower slope	brn	60	35	35	30	poor	poor	40	5	SA	
06RMS134	694902	5516058	4-Nov-06	99123	40		dry	med	mid slope	brn	55	35	35	30	poor	poor	45	3	SA	slopes Northwest
06RMS135	694895	5516154	4-Nov-06	99123	40		dry	med	mid slope	brn	60	35	35	30			40	3	SA-SR	slopes Northwest
06RMS136	694899	5516251	4-Nov-06	99123	40			med	mid slope	brn	65	30	35	35	poor	poor	35	2	SA-SR	slopes northwest, decreased clasts, increased silts



Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Com- paction	Sorting	Clast %	Clast size	Shape	Comments
06RMS137	694897	5516348	4-Nov-06	99123	40		dry	med	mid slope	brn	60	35	35	30			40			downslope NW-W, Sa cobbles, SR pebbles
06RMS138	694901	5516441	4-Nov-06	99123	40		dry	med	mid slope	brn	70	25	40	35			30	5		slopes northwest, SA-SR pebbles
06RMS139	694901	5516552	4-Nov-06	99123	35		dry	med	level	brn	55	40	40	20			45	6	SR	lower ground than previous
06RMS140	694901	5516639	4-Nov-06	99123	40		dry	low	level	brn	60	35	40	25	poor	poor	40	6	SA	slight slope east
06RMS141	696402	5514549	5-Nov-06	99123	35		dry	med	midslope	brn	60	35	35	30			40	3	SA	increased organics
06RMS142	696399	5514652	5-Nov-06	99123	40		dry	med	level	brn	65	30	35	35			35		SA	slopes southward, increased
06RMS143	696401	5514747	5-Nov-06	99123	40		dry	med	midslope	brn	55	40	40	20	poor	poor	45		SR	slopes south
06RMS144	696403	5514854	5-Nov-06	99123	35		dry	med	midslope	brn	60	30	35	35	poor	poor	40	3	SR	south sloping (very slight), increased organics
06RMS145	696393	5514956	5-Nov-06	99123	40		dry		midslope	brn	60	30	35	35	poor	poor	40	4	SR	slopes south-southeast, increased clasts and organics
06RMS146	696404	5515051	5-Nov-06	99123	40		dry	med	midslope	brn	55	35	35	30	poor	med	45	3	SR	in sloping crest, next to tree
06RMS147	696404	5515148	5-Nov-06	99123	40		dry	med	midslope	black	70	25	30	45	poor	poor	30	1	SA-SR	next to tree, decreased organics
06RMS148	696401	5515248	5-Nov-06	99123	40		dry	high	level	brn	60	35	40	35			40	1	SR	
06RMS149	696402	5515352	5-Nov-06	99123	40		dry	high	level	brn	60	30	35	35			40	2	SR	
06RMS150	696395	5515459	5-Nov-06	99123	40		dry	high	level	brn	65	25	40	35	poor	poor	35	1	SR	sloping west
06RMS151	696405	5515558	5-Nov-06	99123	40		dry	med	midslope	brn	60	30	35	35			40	2	SR	sloping southwest
06RMS152	696400	5515653	5-Nov-06	99123	40		dry	med	midslope	brn	65	25	40	35	poor	poor	35	3	SA-SR	sloping north-northwest, increased clasts and organics
06RMS153	696403	5515758	5-Nov-06	99123	40		dry	med	midslope	brn	60	35	35	30			40	3	SA-SR	similar to previous sample. Downslopes N
06RMS154	696397	5515854	5-Nov-06	99123	40		dry	med	level	brn	70	25	40	35	med	poor	30	2	SA-SR	sloping northwest, increased organics
06RMS155	696393	5515954	5-Nov-06	99123	40		dry	med	midslope	brn	60				poor	poor	40	4	SA	poor GPS coverage, sloping down north
06RMS156	696385	5516036	5-Nov-06	99123	40		dry	med	midslope	brn	60	35	35	30			40	2	SA-SR	
06RMS157	696403	5516152	5-Nov-06	99123	30		dry	low	level	brn	80	20	40	40	poor	poor	20	1	SA	
06RMS158	696398	5516248	5-Nov-06	99123	40		dry	low	lower slope	brn	55	35	35	30	med	poor	45	1	SA-SR	
06RMS159	696403	5516345	5-Nov-06	99123	40		dry	low	level	brn	60	25	45	30	poor	poor	40	1	SA	
06RMS160	696401	5516440	5-Nov-06	99123	40		dry	low	lower slope	brn	60	30	35	35	poor	poor	40	2	SA	sloping up north, SA cobbles underground
06RMS161	696402	5516536	5-Nov-06	99123	40		dry	med	level	brn	60	25	40	35	poor	poor	40	3	SA	upslope northeast
06RMS162	697902	5516539	6-Nov-06	99123	40		dry	high	level	brn	60	30	35	35	poor	poor	40	2	SA	
06RMS163	697900	5516453	6-Nov-06	99123	40		dry	high	level	brn	60	25	30	35			40	3	SA	
06RMS164	697903	5516341	6-Nov-06	99123	40		dry	high	level	brn	60	30	35	35			40	3	SA-SR	
06RMS165	697895	5516249	6-Nov-06	99123	40		dry	high	level	brn	60	30	35	35	poor	poor	40	2	SA	
06RMS166	697899	5516132	6-Nov-06	99123	40		dry	med	midslope	brn	55	40	40	20	poor	poor	45		SA-SR	slopes down south, increased clasts
06RMS167	697900	5516051	6-Nov-06	99123	40		dry	med	midslope	brn	60	30	35	35	poor	poor	40	4	SA	sloping southwest
06RMS168	697900	5515951	6-Nov-06	99123	40		dry	med	level	brn	60	30	35	35	poor	poor	40	2	SA	
06RMS169	697901	5515851	6-Nov-06	99123	40		mst	med	level	brn	80	10	40	50	well	poor	20			increased clay, decreased clasts, increased organics
06RMS170	697900	5515753	6-Nov-06	99123	40		dry	med	level	brn	60	30	35	35	poor	poor	40			southwest of Rd ~100m. On edge of wetland
06RMS171	697900	5515652	6-Nov-06	99123	40		dry	med	level	brn	50	40	40	20	poor	poor	50	4	SA	
06RMS172	697896	5515544	6-Nov-06	99123	40		dry	med	level	brn	50	40	40	20	poor	med	50	2	SA-SR	beside access trail, increased
06RMS173	697896	5515452	6-Nov-06	99123	40		dry	med	lower slope	brn	50	50	40	10	poor	med	50	2	SA-SR	increased organics
06RMS174	697901	5515351	6-Nov-06	99123	40		dry	med	level	brn	55	35	40	25			45	1	SA-SR	increased organics
06RMS175	697905	5515249	6-Nov-06	99123	40		dry	high	ridge crest	brn	60						40	10	SA	increased clasts size, SA cobbles around. Mostly peat.
06RMS176	697900	5515148	6-Nov-06	99123	40		dry	high	level	brn	60	30	35	35	poor	poor	40	3	SA	increased organics
06RMS177	697900	5515052	6-Nov-06	99123	40		mst	med	midslope	gry-black	70	25	35	40	med	poor	30	1	SA	downslope east between two mound hills
06RMS178	697893	5514954	6-Nov-06	99123	40		dry	med	midslope	brn	55	40	35	25	poor	med	45		SA	steep sloping east
06RMS179	697900	5514853	6-Nov-06	99123	50		dry	med	level	black	75	20	40	40	poor	poor	25	0.5	SA	
06RMS180	697903	5514757	6-Nov-06	99123	40		mst	med	level	brn	75	20	35	45	med	poor	25	0.5	SA-SR	peat on top of sample

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Compaction	Sorting	Clast %	Clast size	Shape	Comments
06RMS181	697901	5514647	6-Nov-06	99123	40		dry	med	midslope	brn	50	40	35	25			50	5		slopes northwest, increased clasts/organics.
06RMS182	696897	5515935	7-Nov-06	99123	25		wet	low	level	brn	100	0	40	60	poor	poor	0			silty clay soil organic rich
06RMS183	696902	5516041	7-Nov-06	99123	30		mst	low	level	brn-gry	100	0	20	80	med	well	0			clay soil organic rich
06RMS184	696900	5516140	7-Nov-06	99123	25		mst	low	level	brn	100	0	40	60	poor	well	0			organic rich silty clay soil
06RMS185	696904	5516238	7-Nov-06	99123	25		mst	low	level	brn	90	0	40	50	med	well	10		SA-SR	silt clay soil
06RMS186	696897	5516337	7-Nov-06	99123	20		dry	low	lower slope	brn	85	15	85	0	poor	poor	15	.02 - .3	SA-SR	silt soil
06RMS187	696905	5516442	7-Nov-06	99123	25		mst	low	level	brn	95	0	60	40	med	med	5	0.02	SA-SR	slayey silt soil
06RMS188	696898	5516542	7-Nov-06	99123	25		mst	low	level	brn	100	0	60	40	poor	well	0			organic rich clayey silt soil
06RMS189	697394	5516539	7-Nov-06	99123	40		dry	high	level	brn	60	40	35	25	poor	med	40	1	SA-SR	
06RMS190	697403	5516343	7-Nov-06	99123	40		dry	med	midslope	brn	55	40	40	20			45	1	SA-SR	sloping southeast, increased
06RMS191	697397	5516240	7-Nov-06	99123	40		dry	med	level	brn	55	40	35	25	med	med	45	2	SA-SR	sloping southeast
06RMS192	697403	5516139	7-Nov-06	99123	40		dry	med	midslope	brn	45	45	35	20	med	med	55	3	SA	
06RMS193	697402	5516439	7-Nov-06	99123	40		dry	med	midslope	brn	60	35	35	30	poor	poor	40	2	SR	slopes northeast, increased organics, decreased clasts
06RMS194	697401	5516043	7-Nov-06	99123	35		dry	med	midslope	brn	50	45	40	15	poor	poor	50	3	SA	sloping south, SA cobbles
06RMS195	697395	5515940	7-Nov-06	99123	40		dry	med	level	brn	55	40	40	20	poor	poor	45	5	SA	sloping southwest, decreased organics, SA pebbles
06RMS196	693085	5518475	13-Nov-06	99123	40		dry	med	midslope	brn	60	30	35	35	poor	poor	40	0.5	SR	
06RMS197	693091	5518449	13-Nov-06	99123	40		dry	med	midslope	brn	70	40	40	20	poor	poor	30		SA-SR	increased organics
06RMS198	693090	5518427	13-Nov-06	99123	40		dry	med	midslope	brn	60	30	35	35	poor	poor	40		SA-SR	on trail, increased organics
06RMS199	693089	5518402	13-Nov-06	99123	40		dry	med	midslope	brn	70	30	40	30	poor	poor	30	0.5	SA-SR	organics
06RMS200	693081	5518368	13-Nov-06	99123	35		dry	med	level	brn	70	25	40	35	poor	poor	30		SA-SR	
06RMS201	693089	5518348	13-Nov-06	99123	35		dry	med	midslope	brn	60	25	40	35	med	poor	40		SA-SR	increased organics
06RMS202	693091	5518326	13-Nov-06	99123	35		dry	med	midslope	brn	70	25	40	35	med	poor	30		SA	
06RMS203	693094	5518301	13-Nov-06	99123	35		dry	high	level	brn	80	20	35	40	poor	poor	20			
06RMS204	693080	5518275	13-Nov-06	99123	35		dry	med	midslope	brn	60	30	35	35	med	poor	40		SA-SR	upslope southwest
06RMS205	693094	5518249	13-Nov-06	99123	40		dry	high	midslope	brn	65	25	40	35	poor	poor	35	2	SA	
06RMS206	693095	5518225	13-Nov-06	99123	40		dry	high	level	brn	65	30	35	35	med	poor	35		SA	
06RMS207	693094	5518194	13-Nov-06	99123	40		dry	high	level	brn	70	30	35	35	med	med	30			
06RMS208	693095	5518175	13-Nov-06	99123	40		dry	high	level	brn	75	20	40	40	poor	poor	25			
06RMS209	693101	5518149	13-Nov-06	99123	40		dry	high	level	brn	75	20	40	30	poor	poor	25	2	SA-SR	
06RMS210	693099	5518125	13-Nov-06	99123	35		dry	high	level	brn	80	15	45	40	poor	poor	20	1	SA-SR	
06RMS211	693101	5518097	13-Nov-06	99123	40		dry	high	midslope	brn	80	15	45	30	poor	poor	20	1	SA-SR	increased organics/roots. Downslope south
06BWS100	701403	5519650	1-Nov-06	99123	40	B	Dry	Med	Mid Slope	Med brn	95	20	75	5	Poor	Poor	5	0.5	R	
06BWS101	701402	5519552	1-Nov-06	99123	35	B	Dry	Low	Level	Med brn	90	tr.	80	20	Poor	Poor	10	1	R	
06BWS102	701404	5519455	1-Nov-06	99123	45	B	Dry	Med	Mid Slope	Med brn	95	tr.	20	80	Poor	Poor	5	0.5	r	old cutblk
06BWS103	701397	5519349	1-Nov-06	99123	35	B	Dry	Med	Mid Slope	Lt brn	100	tr.	60	40	Poor	Poor	0	0	r	old cutblk
06BWS104	701393	5519256	1-Nov-06	99123	25	B	Dry	Low	Level	Med brn	95	tr.	90	10	Poor	Poor	5	0.5	r	old cutblk
06BWS105	701398	5519156	1-Nov-06	99123	35	B	Dry	Low	Level	Dk brn	90	tr.	30	70	Med	Poor	10	0.5	r	old cutblk
06BWS106	701398	5519050	1-Nov-06	99123	30	B	Dry	Low	Level	Med brn	95	tr.	70	30	Poor	Poor	5	0.5	r	old cutblk
06BWS107	701398	5518950	1-Nov-06	99123	30	B	Dry	Low	Level	Med brn	90	tr.	85	15	Poor	Poor	10	0.5	r	old cutblk
06BWS108	701403	5518850	1-Nov-06	99123	10	B	Dry	Low	Level	Lt brn	85	tr.	95	5	Poor	Poor	15	0.5	wr	old cutblk
06BWS109	701395	5518751	1-Nov-06	99123	45	B	Wet	Low	Level	Dk brn	100	tr.	20	80	Med	Poor	0	0	r	old cutblk
06BWS110	701398	5518652	1-Nov-06	99123	25	B	Dry	Low	Level	Lt brn	95	tr.	90	10	Poor	Poor	5	0.5	r	old cutblk
06BWS111	701402	5518549	1-Nov-06	99123	20	B	Dry	Low	Level	Lt brn	90	tr.	90	10	Poor	Poor	10	0.5	wr	new cutblk
06BWS112	701395	5518445	1-Nov-06	99123	30	B	Dry	Low	Level	Med brn	80	tr.	50	50	Med	Poor	20	0.5	r	new cutblk
06BWS113	701396	5518351	1-Nov-06	99123	30	B	Dry	Low	Level	Med brn	95	tr.	85	15	Poor	Poor	5	0.5	r	new cutblk
06BWS114	701395	5518252	1-Nov-06	99123	35	B	Dry	Low	Level	Dk brn	90	tr.	20	80	Med	Poor	10	0.5	r	new cutblk
06BWS115	701406	5518152	1-Nov-06	99123	30	B	Dry	Low	Level	Med brn	90	tr.	70	30	Poor	Poor	10	0.5	r	edge of swamp
06BWS116	701400	5518055	1-Nov-06	99123	35	B	Dry	Low	Level	Lt brn	95	tr.	10	90	Med	Poor	5	0.5	sr	edge of swamp
06BWS117	701404	5517952	1-Nov-06	99123	50	B	Moist	Low	Level	Dk brn	95	0	5	95	Well	Poor	5	0.5	wr	edge of swamp
06BWS118	701402	5517855	1-Nov-06	99123	50	B	Wet	Low	Level	Dk brn	95	0	10	90	Med	Poor	5	0.5	sr	edge of swamp
06BWS119	701401	5517751	1-Nov-06	99123	55	B	Wet	Low	Level	Dk brn	100	0	5	95	Med	Poor	0	0		edge of swamp
06BWS120	701404	5517647	1-Nov-06	99123	25	B	Dry	Low	Level	Lt brn	70	tr.	80	20	Med	Poor	30	0.5	sa	
06BWS121	701399	5517551	1-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	5	80	15	Poor	Poor	5	0.5	wr	old cutblk
06BWS122	701400	5517449	1-Nov-06	99123	30	B	Dry	Low	Mid Slope	Lt brn	95	tr.	85	15	Poor	Poor	5	0.5	r	old cutblk
06BWS123	701393	5517354	1-Nov-06	99123	30	B	Dry	High	Ridge Crest	Med brn	90	tr.	60	40	Med	Poor	10	0.5	sa	new cutblk
06BWS124	701398	5517250	1-Nov-06	99123	35	B	Dry	Low	Lower Slope	Med brn	90	tr.	70	30	Poor	Poor	10	0.5	sr	new cutblk
06BWS125	701401	5517153	1-Nov-06	99123	40	B	Dry	Med	Mid Slope	Med brn	80	tr.	25	75	Med	Poor	20	0.5	sa	new cutblk
06BWS126	701401	5517056	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	tr.	40	60	Med	Poor	5	0.5	r	new cutblk

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Compaction	Sorting	Clast %	Clast size	Shape	Comments
06BWS127	701403	5516950	2-Nov-06	99123	20	B	Dry	Med	Mid Slope	Med brn	90	tr.	40	60	Med	Poor	10	0.5	sa	new cutblk
06BWS128	701401	5516850	2-Nov-06	99123	25	B	Dry	Med	Ridge Crest	Med brn	85	tr.	60	40	Med	Poor	15	0.5	sa	new cutblk
06BWS129	701396	5516746	2-Nov-06	99123	25	B	Dry	Low	Lower Slope	Lt brn	90	tr.	70	30	Med	Poor	10	0.5	sa	
06BWS130	701399	5516652	2-Nov-06	99123	35	B	Dry	Low	Level	Med brn	90	tr.	80	20	Poor	Poor	10	0.5	sr	
06BWS131	701400	5516546	2-Nov-06	99123	30	B	Dry	Med	Ridge Crest	Med brn	80	tr.	80	20	Poor	Poor	20	0.5	a	sample taken under uprooted tree
06BWS132	701402	5516447	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	75	tr.	80	20	Poor	Poor	25	0.5	sr	
06BWS133	701406	5516348	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	85	5	80	15	Poor	Poor	15	0.5	a	
06BWS134	701401	5516252	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	5	70	25	Poor	Poor	10	0.5	sa	old cutblk
06BWS135	701401	5516151	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	5	90	5	Poor	Poor	10	0.5	sa	old cutblk
06BWS136	701405	5516052	2-Nov-06	99123	40	B	Dry	Med	Mid Slope	Med brn	85	10	70	20	Poor	Poor	15	0.5	sa	old cutblk
06BWS137	701399	5515952	2-Nov-06	99123	35	B	Dry	Med	Lower Slope	Med brn	90	5	80	15	Poor	Poor	10	0.5	sa	
06BWS138	701400	5515851	2-Nov-06	99123	35	B	Dry	Low	Level	Med brn	95	10	80	10	Poor	Poor	5	0.5	sa	
06BWS139	701400	5515751	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	5	85	10	Poor	Poor	5	0.5	sr	
06BWS140	701401	5515650	2-Nov-06	99123	35	B	Dry	Low	Lower Slope	Lt brn	95	10	70	20	Poor	Poor	5	0.5	sr	old cutblk
06BWS141	701400	5515553	2-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	90	10	80	10	Poor	Poor	10	0.5	sr	
06BWS142	701398	5515449	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Dk brn	95	tr.	80	20	Med	Poor	5	0.5	r	
06BWS143	701394	5515351	2-Nov-06	99123	35	B	Dry	High	Mid Slope	Med brn	95	tr.	80	20	Poor	Poor	5	0.5	sa	
06BWS144	701399	5515249	2-Nov-06	99123	30	B	Dry	High	Mid Slope	Med brn	95	tr.	85	15	Poor	Poor	5	0.5	sa	
06BWS145	701396	5515150	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Lt brn	80	tr.	80	20	Poor	Poor	20	0.5	sa	
06BWS146	701405	5515050	2-Nov-06	99123	30	B	Dry	Low	Ridge Crest	Lt brn	90	tr.	80	20	Poor	Poor	10	0.5	sa	
06BWS147	701399	5514953	2-Nov-06	99123	30	B	Dry	Low	Level	Med brn	90	tr.	80	20	Poor	Poor	10	0.5	sa	
06BWS148	701390	5514850	2-Nov-06	99123	30	B	Moist	Low	Level	Dk brn	100	0	30	70	Med	Poor	0	0	sr	swampy area
06BWS149	701399	5514751	2-Nov-06	99123	50	B	Dry	Low	Level	Med brn	90	5	70	25	Poor	Poor	10	0.5	sr	
06BWS150	701398	5514652	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	90	tr.	80	20	Poor	Poor	10	0.5	sa	
06BWS151	699901	5514646	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	25	60	15	Poor	Poor	5	0.5	sa	
06BWS152	699896	5514751	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	5	70	25	Poor	Med	10	0.5	r	
06BWS153	699901	5514852	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	tr.	80	20	Poor	Med	5	0.5	sr	
06BWS154	699900	5514953	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	90	10	70	20	Poor	Med	10	0.5	sr	
06BWS155	699905	5515051	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	95	50	30	20	Med	Med	5	0.5	r	
06BWS156	699903	5515150	2-Nov-06	99123	35	B	Dry	Med	Lower Slope	Med brn	90	40	30	30	Poor	Med	10	0.5	r	
06BWS157	699901	5515249	2-Nov-06	99123	30	B	Dry	Med	Lower Slope	Med brn	95	25	60	15	Poor	Med	5	0.5	sr	
06BWS158	699902	5515350	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	20	55	25	Med	Med	5	0.5	r	
06BWS159	699898	5515449	2-Nov-06	99123	40	B	Dry	Med	Mid Slope	Med brn	90	20	70	10	Poor	Med	10	0.5	r	
06BWS160	699903	5515553	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	15	60	25	Poor	Med	5	0.5	r	
06BWS161	699902	5515651	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	85	20	60	20	Poor	Med	15	0.5	sr	
06BWS162	699903	5515749	2-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	10	80	10	Poor	Med	10	0.5	sr	
06BWS163	699904	5515849	2-Nov-06	99123	30	B	Dry	Med	Lower Slope	Med brn	90	10	70	20	Poor	Med	10	0.5	sr	
06BWS164	699906	5515948	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	5	80	15	Poor	Med	5	0.5	r	
06BWS165	699905	5516053	2-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	10	80	10	Poor	Poor	5	0.5	sr	
06BWS166	699901	5516150	2-Nov-06	99123	30	B	Dry	Low	Level	Med brn	95	tr.	90	10	Poor	Poor	5	0.5	sr	
06BWS167	699895	5516252	3-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	90	tr.	85	15	Poor	Poor	10	0.5	sr	
06BWS168	699899	5516349	3-Nov-06	99123	25	B	Dry	Med	Mid Slope	Med brn	85	5	80	15	Poor	Poor	15	0.5	sr	new cutblk
06BWS169	699902	5516448	3-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	80	tr.	80	20	Poor	Poor	20	0.5	sr	new cutblk
06BWS170	699900	5516550	3-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	20	60	20	Med	Poor	5	0.5	sa	new cutblk
06BWS171	699901	5516651	3-Nov-06	99123	30	B	Moist	Med	Mid Slope	Med brn	85	25	30	45	Med	Poor	15	0.5	sa	new cutblk
06BWS172	699898	5516750	3-Nov-06	99123	45	B	Dry	Med	Mid Slope	Med brn	90	10	70	20	Poor	Poor	10	0.5	sa	new cutblk
06BWS173	699897	5516852	3-Nov-06	99123	50	B	Moist	Low	Level	Med brn	95	10	30	60	Med	Poor	5	0.5	sr	
06BWS174	699895	5516955	3-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	tr.	70	30	Poor	Poor	10	0.5	sr	
06BWS175	699902	5517052	3-Nov-06	99123	30	B	Dry	Low	Level	Med brn	90	5	70	25	Poor	Med	10	0.5	sr	
06BWS176	699899	5517150	3-Nov-06	99123	30	B	Dry	Low	Level	Med brn	95	5	80	15	Poor	Med	5	0.5	sr	
06BWS177	699897	5517253	3-Nov-06	99123	35	B	Dry	Low	Level	Med brn	90	10	80	10	Poor	Poor	10	0.5	r	
06BWS178	699909	5517357	3-Nov-06	99123	35	B	Dry	Low	Level	Med brn	80	10	80	10	Poor	Med	20	0.5	sr	
06BWS179	699901	5517447	3-Nov-06	99123	35	B	Dry	Low	Level	Med brn	85	10	70	20	Poor	Med	15	0.5	sr	
06BWS180	699908	5517549	3-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	5	80	15	Poor	Med	10	0.5	sr	
06BWS181	699898	5517651	3-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	10	60	30	Med	Med	10	0.5	sr	
06BWS182	699902	5517750	3-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	80	10	60	30	Med	Med	20	0.5	sr	new cutblk
06BWS183	699903	5517847	3-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	tr.	80	20	Poor	Med	10	0.5	sr	new cutblk
06BWS184	699900	5517948	3-Nov-06	99123	35	B	Dry	Low	Lower Slope	Med brn	85	5	60	35	Med	Med	15	0.5	sr	new cutblk
06BWS185	699900	5518050	3-Nov-06	99123	35	B	Dry	Low	Level	Med brn	95	tr.	80	20	Poor	Poor	5	0.5	sa	new cutblk
06BWS186	699902	5518148	3-Nov-06	99123	20	B	Dry	Low	Level	Med brn	80	10	70	20	Med	Med	20	0.5	sr	new cutblk
06BWS187	699898	5518256	3-Nov-06	99123	35	B	Dry	Low	Level	Dk brn	95	0	90	10	Poor	Poor	5	0.5	r	
06BWS188	699904	5518350	3-Nov-06	99123	35	B	Dry	Low	Level	Med brn	95	tr.	80	20	Poor	Med	5	0.5	r	

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Com- paction	Sorting	Clast %	Clast size	Shape	Comments
06BWS189	699901	5518449	3-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	95	0	90	10	Poor	Poor	5	0.5	sr	new cutblk
06BWS190	699904	5518555	3-Nov-06	99123	30	B	Dry	Low	Lower Slope	Med brn	90	tr.	80	20	Poor	Poor	10	0.5	sr	new cutblk
06BWS191	699898	5518650	3-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	85	10	70	20	Med	Med	15	0.5	r	
06BWS192	699898	5518756	3-Nov-06	99123	35	B	Dry	Low	Level	Med brn	95	10	70	20	Med	Med	5	0.5	sr	
06BWS193	699901	5518856	3-Nov-06	99123	35	B	Dry	Low	Lower Slope	Med brn	90	10	70	20	Poor	Med	10	0.5	r	
06BWS194	699896	5518951	3-Nov-06	99123	30	B	Dry	Low	Level	Med brn	85	10	70	20	Poor	Med	15	1	r	
06BWS195	699900	5519049	3-Nov-06	99123	45	B	Moist	Low	Level	Dk brn	100	0	80	20	Med	Poor	0	0		swampy area
06BWS196	699901	5519150	3-Nov-06	99123	35	B	Dry	Low	Level	Dk brn	95	tr.	70	30	Poor	Med	5	0	sa	
06BWS197	699906	5519249	3-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	90	10	80	10	Poor	Med	10	0.5	sr	
06BWS198	699904	5519349	3-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	70	15	70	15	Poor	Med	30	1	sr	
06BWS199	699898	5519449	3-Nov-06	99123	35	B	Dry	Low	Level	Med brn	85	10	70	20	Poor	Med	15	0.5	sr	
06BWS200	699897	5519550	3-Nov-06	99123	20	B	Dry	Low	Level	Dk brn	95	tr.	60	40	Poor	Poor	5	0.5	sa	
06BWS201	694397	5516549	4-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	80	10	60	30	Med	Med	20	0.5	a	
06BWS202	694395	5516452	4-Nov-06	99123	25	B	Dry	High	Mid Slope	Med brn	90	5	20	75	Poor	Med	10	0.5	r	
06BWS203	694393	5516342	4-Nov-06	99123	35	B	Dry	Med	Mid Slope	Lt brn	90	20	70	10	Poor	Med	10	0.5	sr	
06BWS204	694405	5516250	4-Nov-06	99123	35	B	Dry	Low	Level	Med brn	95	tr.	75	25	Poor	Med	5	0.5	sa	
06BWS205	694403	5516151	4-Nov-06	99123	30	B	Dry	Low	Level	Dk brn	85	10	50	40	Poor	Med	15	0.5	sa	
06BWS206	694406	5516051	4-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	80	10	80	10	Poor	Med	20	0.5	sa	
06BWS207	694396	5515950	4-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	85	10	80	10	Poor	Poor	15	0.5	sr	
06BWS208	694399	5515851	4-Nov-06	99123	20	B	Dry	Low	Ridge Crest	Med brn	90	10	80	10	Poor	Med	10	0.5	sa	
06BWS209	694402	5515753	4-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	85	15	70	15	Poor	Med	15	0.5	sr	
06BWS210	694398	5515650	4-Nov-06	99123	35	B	Dry	Low	Level	Med brn	80	10	80	10	Poor	Poor	20	0.5	sa	
06BWS211	694397	5515553	4-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	90	10	70	20	Poor	Med	10	0.5	sa	
06BWS212	694403	5515449	4-Nov-06	99123	35	B	Moist	Low	Level	Dk brn	95	tr.	60	40	Med	Poor	5	0.5	sr	
06BWS213	694411	5515354	4-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	80	15	80	5	Poor	Med	20	0.5	sa	
06BWS214	694391	5515251	4-Nov-06	99123	30	B	Dry	Low	Level	Med brn	95	5	80	15	Poor	Poor	5	0.5	sa	
06BWS215	694396	5515149	4-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	90	10	80	10	Poor	Poor	10	0.5	sa	
06BWS216	694397	5515050	4-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	90	10	80	10	Poor	Poor	10	0.5	sr	
06BWS217	694401	5514951	4-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	85	10	80	10	Poor	Med	15	0.5	sa	
06BWS218	694399	5514850	4-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	95	tr.	80	20	Poor	Poor	5	0.5	sa	
06BWS219	694393	5514751	4-Nov-06	99123	35	B	Dry	Low	Level	Med brn	80	20	60	20	Poor	Poor	20	0.5	sa	
06BWS220	694404	5514651	4-Nov-06	99123	30	B	Dry	Med	Ridge Crest	Med brn	80	20	70	10	Poor	Med	20	0.5	sa	
06BWS221	694399	5514551	4-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	85	15	60	25	Poor	Med	15	0.5	sa	
06BWS222	694395	5514447	4-Nov-06	99123	40	B	Dry	Low	Mid Slope	Med brn	90	10	70	20	Poor	Med	10	0.5	sa	sample taken under uprooted tree
06BWS223	694399	5514355	4-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	80	20	70	10	Poor	Med	20	0.5	sr	
06BWS224	694400	5514251	4-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	95	5	80	15	Poor	Poor	5	0.5	sa	
06BWS225	694391	5514148	4-Nov-06	99123	35	B	Dry	Med	Ridge Crest	Med brn	95	5	85	10	Poor	Med	5	0.5	sa	
06BWS226	695897	5514546	5-Nov-06	99123	20	B	Dry	Low	Level	Med brn	95	tr.	90	10	Poor	Poor	5	0.5	sa	
06BWS227	695906	5514648	5-Nov-06	99123	35	B	Dry	Low	Level	Dk brn	100	0	20	80	Med	Poor	0		sa	
06BWS228	695898	5514748	5-Nov-06	99123	20	B	Dry	Low	Level	Med brn	90	0	30	70	Med	Poor	10	0.5	sr	
06BWS229	695906	5514849	5-Nov-06	99123	35	B	Dry	Low	Level	Med brn	90	10	60	30	Med	Poor	10	0.5	sr	
06BWS230	695903	5514949	5-Nov-06	99123	30	B	Dry	Low	Level	Med brn	95	5	60	35	Med	Poor	5	0.5	sr	
06BWS231	695902	5515048	5-Nov-06	99123	35	B	Dry	Low	Level	Med brn	95	5	70	25	Poor	Med	5	0.5	sr	
06BWS232	695899	5515150	5-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	95	tr.	85	15	Poor	Poor	5	0.5	sr	
06BWS233	695908	5515250	5-Nov-06	99123	35	B	Dry	Low	Level	Med brn	90	tr.	70	30	Poor	Poor	10	0.5	sa	
06BWS234	695904	5515349	5-Nov-06	99123	35	B	Dry	Low	Level	Med brn	95	5	80	15	Poor	Poor	5	0.5	sa	
06BWS235	695900	5515450	5-Nov-06	99123	35	B	Dry	Low	Level	Med brn	90	10	70	20	Poor	Poor	10	0.5	sr	
06BWS236	695898	5515548	5-Nov-06	99123	30	B	Dry	Med	Level	Med brn	85	10	60	30	Med	Poor	15	0.5	sa	
06BWS237	695893	5515650	5-Nov-06	99123	30	B	Dry	Med	Ridge Crest	Med brn	85	5	70	25	Poor	Poor	15	1	sr	
06BWS238	695904	5515748	5-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	90	5	80	15	Poor	Poor	10	2	sr	
06BWS239	695902	5515849	5-Nov-06	99123	30	B	Dry	Low	Level	Med brn	80	tr.	80	20	Poor	Poor	20	1	sr	
06BWS240	695891	5515949	5-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	85	10	60	30	Poor	Poor	15		sa	
06BWS241	695900	5516060	5-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	95	5	70	25	Poor	Med	5	1	sa	
06BWS242	695897	5516147	5-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	95	tr.	80	20	Poor	Poor	5	1	sr	
06BWS243	695905	5516244	5-Nov-06	99123	40	B	Wet	Low	Mid Slope	Dk brn	95	0	20	80	Poor	Poor	5	2	a	swampy area
06BWS244	695904	5516357	5-Nov-06	99123	35	B	Dry	Low	Level	Med brn	90	5	70	25	Poor	Poor	10	1	sr	
06BWS245	695894	5516453	5-Nov-06	99123	35	B	Dry	Low	Level	Med brn	85	0	90	10	Poor	Med	15	0.5	sa	
06BWS246	698911	5514653	6-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	tr.	90	10	Poor	Poor	10	2	sa	
06BWS247	698900	5514750	6-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	95	10	80	15	Poor	Poor	5	1	sr	
06BWS248	698906	5514859	6-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	5	80	15	Poor	Poor	10	2	sa	
06BWS249	698906	5514953	6-Nov-06	99123	45	B	Dry	Med	Mid Slope	Med brn	95	10	70	20	Poor	Poor	5	0.5	sr	sample taken under uprooted tree

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Com- paction	Sorting	Clast %	Clast size	Shape	Comments
06BWS250	698909	5515054	6-Nov-06	99123	40	B	Wet	Med	Mid Slope	Med brn	95	10	60	30	Poor	Poor	5	0.5	sr	sample taken under uprooted tree
06BWS251	698909	5515149	6-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	85	10	80	10	Poor	Poor	15	1	sa	
06BWS252	698901	5515249	6-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	80	10	80	10	Poor	Poor	20	0.5	sa	
06BWS253	698906	5515352	6-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	10	80	10	Poor	Poor	10	1	sr	
06BWS254	698908	5515451	6-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	90	10	60	30	Med	Poor	10	1	sa	
06BWS255	698904	5515548	6-Nov-06	99123	35	B	Dry	Low	Mid Slope	Lt brn	90	10	70	20	Poor	Poor	10	2	sr	
06BWS256	698904	5515648	6-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	85	5	85	10	Poor	Poor	15	2	sr	
06BWS257	698899	5515754	6-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	90	10	70	20	Poor	Med	10	0.5	sr	
06BWS258	698898	5515850	6-Nov-06	99123	35	B	Dry	Med	Mid Slope	Med brn	95	25	50	25	Med	Poor	5	0.5	sr	
06BWS259	698908	5515944	6-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	95	20	60	30	Poor	Poor	5	0.5	sr	
06BWS260	698905	5516049	6-Nov-06	99123	30	B	Dry	Low	Mid Slope	Med brn	90	20	60	20	Poor	Poor	10	0.5	sr	
06BWS261	698902	5516152	6-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	95	20	70	10	Poor	Poor	5	0.5	sr	
06BWS262	698903	5516248	6-Nov-06	99123	30	B	Moist	Low	Mid Slope	Med brn	90	30	60	10	Poor	Med	10	0.5	sr	
06BWS263	698904	5516348	6-Nov-06	99123	30	B	Dry	Med	Mid Slope	Med brn	80	15	70	15	Poor	Med	20	0.5	sr	
06BWS264	698901	5516450	6-Nov-06	99123	50	B	Moist	Low	Level	Med brn	95	10	60	30	Poor	Med	5	0.5	sr	sample taken under uprooted tree
06BWS265	698900	5516548	6-Nov-06	99123	25	B	Dry	Low	Mid Slope	Med brn	90	5	80	15	Poor	Poor	10	0.5	a	
06BWS266	697405	5514652	7-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	95	30	60	10	Poor	Med	5	1	sr	
06BWS267	697399	5514751	7-Nov-06	99123	35	B	Wet	Low	Level	Dk brn	100	tr.	50	50	Med	Poor	0			
06BWS268	697402	5514852	7-Nov-06	99123	35	B	Dry	Med	Mid Slope	Lt brn	90	20	70	10	Poor	Med	10	1	sr	
06BWS269	697407	5514959	7-Nov-06	99123	35	B	Dry	Med	Mid Slope	Lt brn	90	30	40	30	Poor	Med	10	0.5	sr	
06BWS270	697394	5515050	7-Nov-06	99123	35	B	Dry	Med	Ridge Crest	Lt brn	90	20	70	10	Poor	Poor	10	1	sr	
06BWS271	697392	5515151	7-Nov-06	99123	20	B	Moist	Low	Mid Slope	Med brn	95	20	20	60	Med	Med	5	2	sr	
06BWS272	697396	5515253	7-Nov-06	99123	30	B	Dry	Low	Mid Slope	Dk brn	90	20	70	10	Well	Poor	10	1	sr	
06BWS273	696903	5515250	7-Nov-06	99123	35	B	Moist	Low	Level	Dk brn	100	0	30	70	Well	Poor	0			swampy area
06BWS274	696900	5515146	7-Nov-06	99123	40	B	Wet	Low	Level	Dk brn	100	0	20	80	Well	Poor	0			swampy area
06BWS275	696899	5515053	7-Nov-06	99123	30	B	Dry	Low	Level	Dk brn	100	0	20	80	Well	Poor	0			swampy area
06BWS276	696893	5514958	7-Nov-06	99123	30	B	Dry	Low	Level	Med brn	60	30	40	60	Poor	Poor	40	3	sa	
06BWS277	696908	5514851	7-Nov-06	99123	20	B	Dry	Low	Level	Med brn	70	20	70	10	Med	Poor	30	5	sr	
06BWS278	696904	5514763	7-Nov-06	99123	35	B	Dry	Low	Mid Slope	Med brn	80	20	70	10	Poor	Med	20	1	sr	
06BWS279	696901	5514651	7-Nov-06	99123	35	B	Dry	Low	Level	Med brn	70	20	70	10	Med	Poor	30	2	sr	
06BWS280	692678	5518449	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	80	10	70	20	Poor	Poor	20	2	sa	well defined layers
06BWS281	692677	5518418	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	90	5	80	15	Poor	Poor	10	1	sa	clumps of clay in silt
06BWS282	692684	5518397	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	85	5	60	35	Med	Poor	15	2	sa	clumps of clay in silt
06BWS283	692682	5518377	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	90	5	50	45	Med	Poor	10	1	sr	clumps of clay in silt
06BWS284	692686	5518355	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	85	5	70	25	Poor	Poor	15	1	sa	no definitive layers other than rdrot
06BWS285	692688	5518326	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	80	tr.	60	40	Med	Poor	20	2	sr	well defined layers
06BWS286	692690	5518305	9-Nov-06	99123	B	Dry	High	High	Ridge Crest	Med brn	80	tr.	65	35	Poor	Med	20	0.5	sr	well defined layers
06BWS287	692678	5518290	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	80	5	40	55	Med	Med	20	0.5	sa	well defined layers
06BWS288	692685	5518272	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	90	tr.	60	40	Poor	Med	10	1	sa	
06BWS289	692688	5518250	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	80	tr.	50	50	Med	Poor	20	1	sa	well defined layers
06BWS290	692686	5518228	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	90	tr.	70	30	Poor	Poor	10	1	sa	well defined layers
06BWS291	692688	5518201	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	90	tr.	70	30	Poor	Med	10	0.5	sa	well defined layers
06BWS292	692693	5518177	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	90	tr.	40	60	Med	Med	10	1	sr	
06BWS293	692684	5518153	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	90	tr.	50	50	Med	Med	10	2	sa	
06BWS294	692692	5518128	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	90	tr.	70	30	Poor	Med	10	1	sr	
06BWS295	692693	5518103	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	95	tr.	70	30	Poor	Med	5	1	sa	
06BWS296	692693	5518077	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	95	tr.	70	30	Poor	Med	5	0.5	sa	
06BWS297	692692	5518052	9-Nov-06	99123	B	Dry	High	High	Mid Slope	Med brn	90	tr.	60	40	Poor	Med	10	1	sa	
06BWS298	692700	5518029	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	90	tr.	70	30	Poor	Med	10	0.5	sr	
06BWS299	692698	5518001	9-Nov-06	99123	B	Dry	Med	Med	Ridge Crest	Med brn	80	tr.	80	20	Poor	Poor	20	3	sa	
06BWS300	692692	5517976	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	90	10	70	20	Poor	Poor	10	0.5	sa	
06BWS301	692697	5517953	9-Nov-06	99123	B	Dry	Med	Med	Ridge Crest	Med brn	80	5	70	25	Poor	Poor	20	2	sa	
06BWS302	692696	5517929	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	rd/brn	95	tr.	70	30	Poor	Med	5	0.5	sr	
06BWS303	692698	5517909	9-Nov-06	99123	B	Dry	Low	High	Ridge Crest	rd/brn	90	10	70	20	Poor	Poor	10	1	sa	
06BWS304	692699	5517881	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	rd/brn	90	10	70	20	Poor	Poor	10	1	sa	
06BWS305	692698	5517858	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	80	15	70	15	Poor	Poor	20	1	sr	
06BWS306	692699	5517834	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	90	10	70	20	Poor	Med	10	1	sr	
06BWS307	692698	5517810	9-Nov-06	99123	B	Dry	Med	Med	Ridge Crest	Med brn	90	15	60	25	Med	Med	10	1	sr	
06BWS308	692699	5517786	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	95	10	70	20	Poor	Poor	5	0.5	sa	
06BWS309	692699	5517761	9-Nov-06	99123	B	Dry	Med	Med	Mid Slope	Med brn	85	15	70	15	Poor	Med	15	1	sr	

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Compaction	Sorting	Clast %	Clast size	Shape	Comments
06BWS310	692700	5517739	9-Nov-06	99123		B	Dry	Low	Ridge Crest	Med brn	95	10	70	20	Poor	Med	5	1	sr	
06BWS311	692698	5517716	9-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	90	10	60	30	Poor	Med	10	2	sr	
06BWS312	692700	5517700	9-Nov-06	99123		B	Dry	High	Ridge Crest	Med brn	85	10	60	30	Med	Poor	15	1	sr	
06BWS313	692700	5517666	9-Nov-06	99123		B	Dry	Med	Lower Slope	Med brn	90	20	50	30	Med	Med	10	1	sr	taken where hillside was cut for Rd
06BWS314	692603	5517665	10-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	90	tr.	80	20	Poor	Poor	10	2	sr	
06BWS315	692606	5517689	10-Nov-06	99123		B	Moist	Med	Mid Slope	Dk brn	100	0	20	80	Med	Poor	0			
06BWS316	692597	5517716	10-Nov-06	99123		B	Moist	Med	Mid Slope	Med brn	80	20	60	20	Med	Med	20	1	sr	
06BWS317	692607	5517740	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	90	5	80	15	Poor	Med	10	0.5	sr	
06BWS318	692601	5517765	10-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	85	20	60	20	Poor	Med	15	2	sr	
06BWS319	692603	5517791	10-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	90	10	20	70	Poor	Med	10	2	sr	
06BWS320	692591	5517917	10-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	80	25	50	25	Poor	Med	20	1	sr	
06BWS321	692597	5517940	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	90	20	70	10	Poor	Med	10	1	sr	
06BWS322	692596	5517965	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	70	15	70	15	Poor	Poor	30	2	a	
06BWS323	692589	5517991	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	90	40	30	30	Med	Poor	10	1	sa	
06BWS324	692605	5518015	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	60	20	70	10	Poor	Poor	40	4	a	
06BWS325	692607	5518044	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	90	15	70	15	Poor	Med	10	1	sr	
06BWS326	692584	5518065	10-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	95	10	80	10	Poor	Poor	5	0.5	sr	
06BWS327	692578	5518092	10-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	90	10	70	20	Poor	Poor	10	2	sr	
06BWS328	692580	5518112	10-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	90	15	80	5	Poor	Poor	10	2	sa	
06BWS329	692592	5518141	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	80	20	65	15	Poor	Poor	20	1	sa	
06BWS330	692579	5518164	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	90	10	80	10	Poor	Poor	10	2	sr	
06BWS331	692577	5518190	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	80	20	60	20	Poor	Poor	20	1	sr	
06BWS332	692570	5518221	10-Nov-06	99123		B	Wet	High	Mid Slope	Med brn	100	0	20	80	Well	Poor	0			
06BWS333	692561	5518250	10-Nov-06	99123		B	Dry	High	Mid Slope	Med brn	95	10	60	30	Poor	Poor	5	1	sa	taken upslope from Rd
06BWS334	692609	5517842	10-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	90	tr.	60	40	Well	Med	10	1	sr	taken upslope from Rd
06BWS335	692618	5517857	10-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	90	20	70	10	Poor	Med	10	0.5	sr	taken upslope from Rd
06BWS336	692609	5517879	10-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	90	tr.	60	40	Med	Med	10	1	sr	taken upslope from Rd
06BWS337	692597	5517912	10-Nov-06	99123		B	Dry	Med	Mid Slope	Lt brn	80	tr.	50	50	Well	Med	20	1	sr	taken upslope from Rd
06BWS338	693310	5517627	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	85	10	60	30	Poor	Med	15	1	sr	
06BWS339	693308	5517650	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	95	5	80	15	Poor	Med	5	0.5	sr	
06BWS340	693310	5517675	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	95	tr.	80	20	Poor	Poor	5	1	sr	
06BWS341	693305	5517699	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	90	tr.	80	20	Poor	Poor	10	0.5	sr	
06BWS342	693302	5517724	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	70	tr.	60	40	Poor	Poor	30	5	sa	
06BWS343	693304	5517751	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	95	tr.	85	15	Poor	Poor	5	0.5	sr	
06BWS344	693303	5517774	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	90	10	70	20	Poor	Poor	10	2	sr	
06BWS345	693304	5517803	11-Nov-06	99123		B	Dry	Low	Lower Slope	Med brn	95	10	70	20	Poor	Med	5	2	sr	
06BWS346	693295	5517826	11-Nov-06	99123		B	Dry	Low	Lower Slope	Lt brn	100	tr.	30	70	Med	Poor	0			
06BWS347	693295	5517849	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	95	5	70	25	Poor	Med	5	1	sr	
06BWS348	693295	5517875	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	95	tr.	60	40	Poor	Med	5	1	sr	
06BWS349	693291	5517902	11-Nov-06	99123		B	Dry	Low	Level	Med brn	80	5	70	25	Poor	Poor	20	2	sa	
06BWS350	693293	5517925	11-Nov-06	99123		B	Dry	Low	Level	Med brn	80	10	70	20	Poor	Poor	20	1	sa	
06BWS351	693290	5517950	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	95	10	80	10	Poor	Poor	5	1	sr	
06BWS352	693300	5517976	11-Nov-06	99123		B	Dry	Low	Level	Med brn	95	10	60	30	Med	Poor	5	1	sr	
06BWS353	693290	5517998	11-Nov-06	99123		B	Dry	Low	Level	Med brn	100	tr.	40	60	Med	Poor	0			
06BWS354	693291	5518026	11-Nov-06	99123		B	Dry	Low	Lower Slope	Med brn	75	10	70	20	Poor	Poor	25	2	sa	
06BWS355	693287	5518051	11-Nov-06	99123		B	Dry	Low	Level	Med brn	80	tr.	75	25	Poor	Poor	20	2	sa	
06BWS356	693290	5518075	11-Nov-06	99123		B	Dry	Low	Level	Med brn	90	10	80	10	Poor	Med	10	1	sr	
06BWS357	693287	5518100	11-Nov-06	99123		B	Dry	Low	Level	Med brn	90	10	70	20	Poor	Poor	10	1	sr	
06BWS358	693285	5518151	11-Nov-06	99123		B	Dry	Low	Level	Med brn	90	10	70	20	Poor	Med	10	2	sr	
06BWS359	693290	5518170	11-Nov-06	99123		B	Dry	Low	Level	Med brn	95	10	70	20	Poor	Poor	5	1	sr	
06BWS360	693285	5518200	11-Nov-06	99123		B	Dry	Low	Level	Med brn	90	15	70	15	Poor	Poor	10	0.5	sr	
06BWS361	693281	5518226	11-Nov-06	99123		B	Dry	Low	Level	Med brn	95	5	70	25	Poor	Med	5	2	sr	
06BWS362	693283	5518251	11-Nov-06	99123		B	Dry	Low	Level	Med brn	90	10	70	20	Poor	Med	10	0.5	sr	
06BWS363	693282	5518276	11-Nov-06	99123		B	Dry	Low	Level	Med brn	95	5	80	15	Poor	Poor	5	1	sr	
06BWS364	693285	5518299	11-Nov-06	99123		B	Dry	Low	Level	Med brn	95	tr.	70	30	Poor	Med	5	1	sr	
06BWS365	693291	5518326	11-Nov-06	99123		B	Dry	Low	Ridge Crest	Med brn	90	10	70	20	Poor	Med	10	0.5	sr	
06BWS366	693286	5518350	11-Nov-06	99123		B	Dry	Low	Lower Slope	Med brn	95	10	60	30	Poor	Poor	5	2	sr	
06BWS367	693282	5518372	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	90	10	70	20	Poor	Poor	10	0.5	sr	
06BWS368	693283	5518398	11-Nov-06	99123		B	Dry	Low	Level	Med brn	90	10	60	30	Poor	Poor	10	1	a	
06BWS369	693291	5518432	11-Nov-06	99123		B	Dry	Low	Ridge Crest	Med brn	70	10	70	20	Poor	Poor	30	3	sa	
06BWS370	693283	5518450	11-Nov-06	99123		B	Dry	Med	Mid Slope	Dk brn	100	tr.	20	80	Well	Poor	0			
06BWS371	693283	5518473	11-Nov-06	99123		B	Dry	Med	Mid Slope	Med brn	90	10	60	30	Med	Poor	10	0.5	sr	

Sample	Easting NAD27 Z10	Northing NAD27 Z10	Date	Project	Depth cm	Horizon	Moist	Relief	Topo position	Colour	Matrix %	Sand	Silt	Clay	Compaction	Sorting	Clast %	Clast size	Shape	Comments
06BWS372	693111	5517850	11-Nov-06	99123		B	Moist	Low	Mid Slope	Med brn	80	10	50	40	Med	Poor	20	1	sa	
06BWS373	693113	5517824	11-Nov-06	99123		B	Moist	Low	Mid Slope	Med brn	80	10	60	30	Poor	Poor	20	2	sa	
06BWS374	693114	5517800	11-Nov-06	99123		B	Moist	Low	Mid Slope	Dk brn	90	5	45	50	Med	Poor	10	1	sa	
06BWS375	693113	5517775	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	80	10	60	40	Med	Poor	20	2	sr	
06BWS376	693115	5517750	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	60	10	60	30	Poor	Poor	40	5	sa	
06BWS377	693115	5517725	11-Nov-06	99123		B	Dry	Med	Ridge Crest	Dk brn	90	10	70	20	Poor	Poor	10	0.5	sr	
06BWS378	693118	5517703	11-Nov-06	99123		B	Dry	Med	Lower Slope	Med brn	95	5	50	45	Med	Poor	5	1	sr	
06BWS379	693107	5517677	11-Nov-06	99123		B	Dry	High	Ridge Crest	Med brn	90	10	60	30	Poor	Poor	10	1	sr	
06BWS380	693117	5517649	11-Nov-06	99123		B	Dry	Low	Mid Slope	Med brn	95	5	70	25	Poor	Poor	5	0.5	sr	

**2006 STREAM SEDIMENT SAMPLE DESCRIPTIONS**

SAMPLE	EASTING NAD27 Z10	NORTHING NAD27 Z10	DATE	Project	Shape	COMMENTS	Sample Weight Kg	Visible Gold Grain count	Estimated Weight of gold in ug
06JCH002	700018	5516587	9-Nov-06	99123			2.67		0
06JCH003	699815	5516570	9-Nov-06	99123			2.92		0
06JCH004	699627	5516501	9-Nov-06	99123			2.3		0
06JCH005	699583	5516290	9-Nov-06	99123			2.65		0
06JCH006	699525	5516099	9-Nov-06	99123			2.25		0
06JCH007	699590	5515876	9-Nov-06	99123			1.99		0
06JCH008	699472	5516395	9-Nov-06	99123			2.12		0
06JCH009	699432	5516589	9-Nov-06	99123		narrower creek upslope North-northeast	1.76		0
06JCH010	699465	5516804	9-Nov-06	99123		boulders in stream	1.78		0
06JCH011	699492	5517004	9-Nov-06	99123		next to tree	2.53		0
06JCH012	699519	5517194	9-Nov-06	99123		boulders in creek	2.77		0
06JCH013	699571	5517400	9-Nov-06	99123		next to large boulder	2.18		0
06JCH014	699614	5517383	9-Nov-06	99123		smaller creek east of larger creek - slopes down slightly southwest	2.65		0
06JCH015	699710	5517499	9-Nov-06	99123		upslope, narrower creek, increased organics	2.02		0
06JCH016	699507	5517603	10-Nov-06	99123	SA-SR	shallow creek	2.43	1	14.96
06JCH017	699370	5517759	10-Nov-06	99123	SA-SR	shallow creek- SR cobbles in creek. Mod tree cover. Bottom slope west of cut area.	2.01		0
06JCH018	699296	5517941	10-Nov-06	99123	SA-SR	SA cobbles around. Shallow creek	1.78	1	1.46
06JCH019	699238	5518074	10-Nov-06	99123	SA-SR	sample taken NW of 06JCH018 off main creek. Darker sediments (finer)	1.84	1	9.85
06JCH020	699293	5518152	10-Nov-06	99123	SA	SA cobbles, sloping hill west side of creek -- med-dk brn seds	1.98		0
06JCH021	699325	5518346	10-Nov-06	99123	SA-SR	creek in between two slpes, brown seds	1.89	1	35.98
06JCH022	699854	5510806	10-Nov-06	99123	SA-SR	beside road.	2.51		0
06JCH023	699595	5515018	11-Nov-06	99123	SA-SR	on north edge of wetland, south of forest. Narrow.	2.76		0
06JCH024	699598	5515224	11-Nov-06	99123	SA-SR	in wider shallower creek, between two crests/slopes	2.72		0
06JCH025	699662	5515417	11-Nov-06	99123	SA-SR	wider deeper creek, level low between two slopes	2.47		0
06JCH026	699652	5515627	11-Nov-06	99123	SA-SR	wide creek, sample taken on a bend. SA cobbles. Still between slopes	2.51	1	35.98
06JCH027	699603	5514938	11-Nov-06	99123	SR	narrower, shallower creek in wetland on edge of forest. Increased organics	2.1		0
06JCH028	699782	5515021	11-Nov-06	99123		narrower shallower creek, going east slightly upslope	2.29		0
06JCH029	699971	5515057	11-Nov-06	99123	SA-SR	narrow creek, upslope E-NE.	2.77		0
06JCH030	700164	5515078	11-Nov-06	99123	SA-SR	creek between two slightly ssteep sloppes	2.58	1	7.15
06JCH031	700314	5515193	11-Nov-06	99123	SA-SR	slight sloping narrower, shallower creek. Darker brn.	1.97		0
06JCH032	700502	5515279	11-Nov-06	99123		shallower stream	2.55		0
06JCH033	700697	5515625	12-Nov-06	99123			2.74		0
06JCH034	700547	5515430	12-Nov-06	99123			2.44		0
06JCH035	700898	5515684	12-Nov-06	99123			2.26		0



SAMPLE	EASTING NAD27 Z10	NORTHING NAD27 Z10	DATE	Project	Shape	COMMENTS	Sample Weight Kg	Visible Gold Grain count	Estimated Weight of gold in ug
06JCH036	701076	5515608	12-Nov-06	99123			2.81		0
06JCH037	701254	5515529	12-Nov-06	99123			2.24		0
06JCH038	701455	5515516	12-Nov-06	99123			2.83		0
06JCH039	693926	5516466	13-Nov-06	99123			2.21		0
06JCH040	693815	5516267	13-Nov-06	99123			1.97		0
06JCH041	693698	5516110	13-Nov-06	99123			1.89		0
06JCH042	693549	5515973	13-Nov-06	99123			1.8		0
06JCH043	693502	5515770	13-Nov-06	99123			2.26		0
06JCH044	693451	5515567	13-Nov-06	99123			2.8		0
06JCH045	689156	5515838	14-Nov-06	99123			2.2		0
06JCH046	689314	5515940	14-Nov-06	99123			1.35		0
06JCH047	689443	5516094	14-Nov-06	99123			2.45		0
06JCH048	689626	5516182	14-Nov-06	99123			1.77		0
06JCH049	689772	5516321	14-Nov-06	99123			1.18		0
06JCH050	689974	5516402	14-Nov-06	99123			2.57		0
06JCH051	690180	5516481	14-Nov-06	99123			2.11		0
06JCH052	690380	5516439	14-Nov-06	99123			1.81		0
06JCH053	690564	5516532	14-Nov-06	99123			1.71	1	1.46
06JCH054	690765	5516670	14-Nov-06	99123			2.1		0
06JCH055	690957	5516690	14-Nov-06	99123			1.92		0
06JCH056	691164	5516698	14-Nov-06	99123			1.36		0
06JCH057	692471	5515914	15-Nov-06	99123			2.11	1	0.16
06JCH058	692232	5515829	15-Nov-06	99123			2.71		0
06JCH059	692139	5515764	15-Nov-06	99123			1.79		0
06JCH060	691952	5515870	15-Nov-06	99123			2.4		0
06JCH061	691783	5515779	15-Nov-06	99123			1.33		0
06JCH062	691618	5515680	15-Nov-06	99123			1.87		0
06JCH063	691413	5515649	15-Nov-06	99123			1.69		0
06JCH064	691210	5515660	15-Nov-06	99123			1.87		0
06JCH065	691028	5515561	15-Nov-06	99123			2.26	1	1.05
06JCH066	690876	5515447	15-Nov-06	99123			2.52		0
06JCH067	690651	5515383	15-Nov-06	99123			2.01		0
06RTH001	693015	5515154		99123		Teepee Creek, bldr-cbl and pbl rich, near Siwash	2.28		0
06RTH002	693142	5515325		99123		Teepee Creek, very large bldrs, gravel and crs sand, taken upstream of gigantic bldr	2.35		0
06RTH003	693281	5515354		99123		Gravel/granule with lesser fines amongst bldrs, teepee	2.92		0
06RTH004	693397	5515446		99123		Teepee, sand-gravel, few v. lrg bldrs	3.03		0
06RTH005	692358	5516464		99123		Upstream of v. lrg bldr, mostly small bldrs, cbl and gravel, minor fines	2.84		0
06RTH006	692159	5516457		99123		Small gravel/sand bar amongst coarse cobbles	3.2		0
06RTH007	691977	5516505		99123		Bldr/cobble with interstitial sand/silt	2		0

<b>SAMPLE</b>	<b>EASTING NAD27 Z10</b>	<b>NORTHING NAD27 Z10</b>	<b>DATE</b>	<b>Project</b>	<b>Shape</b>	<b>COMMENTS</b>	<b>Sample Weight Kg</b>	<b>Visible Gold Grain count</b>	<b>Estimated Weight of gold in ug</b>
06RTH008	691798	5515429		99123		Downstream of lrg bldr. Sand-granule with cobbles	2.66		0
06RTH009	691598	5516586		99123		Sandy with pebbles, lesser cobbles	2.76		0
06RTH010	691414	5516650		99123		Mostly sand, scattered 10% pebble-cobble	2.53		0
06RTH011	691227	5516695		99123		Sand/granule with cobbles	1.79	1	39.47

**APPENDIX 2:**

**LABORATORY CERTIFICATES:**

**TSL LABORATORIES, SASKATOON SK  
(FIRE ASSAY, ICP-MS)  
Grab (Rock) Samples  
Soil Samples**

**SRC GEOANALYTICAL LABORATORIES, SASKATOON SK  
(ICP ANALYSIS)  
Stream Sediment Samples**



2 - 302 48th Street • Saskatoon, SK • S7K 6A4  
 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: APEX Geoscience Ltd.  
 Geologist: K. Raffle  
 Project: 06SWS002  
 Purchase Order:

TSL Report: S21366  
 Date Received: Nov 20, 2006  
 Date Reported: Nov 30, 2006  
 Invoice: 41066

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	68	Reject ~ 70% at -10 mesh (1.70 mm) Pulp ~ 95% at -150 mesh (106 µm)	Crush, Riffle Split, Pulverize Pulp Size requested ~ 250 g
Pulp	0		None

Standard Procedure:

Samples for Au Fire Assay/AA (ppb) are weighed at 50 grams.  
 Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 2 AT (58.32 grams).

Au ppb - Initial analysis of sample  
 Au1 ppb - Repeats that accompany initial analysis, usually two every twenty samples  
 Au g/t, Au1 g/t - Gravimetric repeats on values in either Au ppb column

GS-1C - Value is based on a 30 gram sample weight  
 AuM-3 - Value is based on a 1 AT sample weight

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppb	Fire Assay/AA	5	3000
Au	g/tonne	Fire Assay/Gravimetric	0.10	6500
Ag	g/tonne	Fire Assay/Gravimetric	1000	100%

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### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

**REPORT No.**  
S21366

**SAMPLE(S) OF**  
68 Rock/0 Pulp

**INVOICE #:** 41066  
**P.O.:**

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	Au g/t	Ag g/t	File Name
06RTP201	<5				S21366
06RTP202	<5				S21366
06RTP203	25				S21366
06RTP204	35				S21366
06RTP205	50	50			S21366
06RTP206	95				S21366
06RTP207	35				S21366
06RTP208	<5				S21366
06RTP209	35				S21366
06RTP210	650				S21366
06RTP211	1510				S21366
06RTP212	620			2651.	S21366
06RTP213	750			1066.	S21366
06RTP214	2430				S21366
06RTP215	25	35			S21366
06RTP216	<5				S21366
06RTP217	<5				S21366
06RTP218	<5				S21366
06RTP219	<5				S21366
06RTP220	170				S21366

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**INVOICE TO:** Apex Geoscience - Edmonton

Nov 30/06

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Mark Acres - Quality Assurance



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### CERTIFICATE OF ANALYSIS

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APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
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**REPORT No.**  
S21366

**SAMPLE(S) OF**  
68 Rock/0 Pulp

**INVOICE #:** 41066  
**P.O.:**

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	Au g/t	Ag g/t	File Name
06RTP221	20				S21366
06RTP222	10				S21366
06RTP223	1040	1090			S21366
06RTP224	70				S21366
06RTP225	60	55			S21366
06RTP226	65				S21366
06RTP227	75				S21366
06RTP228	160				S21366
06RTP229	35				S21366
06KRP400	40				S21366
06KRP401	<5				S21366
06KRP402	>3000		9.59		S21366
06KRP403	60	60			S21366
06KRP404	85				S21366
06KRP405	90				S21366
06KRP406	10				S21366
06KRP407	25				S21366
06KRP408	<5				S21366
06KRP409	<5				S21366
06KRP410	<5				S21366

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Nov 30/06

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200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

REPORT No.  
S21366

**SAMPLE(S) OF**

68 Rock/0 Pulp

INVOICE #:41066  
P.O.:

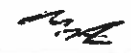
K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	Au g/t	Ag g/t	File Name
06KRP411	<5				S21366
06KRP412	10				S21366
06KRP413	<5				S21366
06KRP414	230				S21366
06KRP415	150	150			S21366
06KRP416	<5				S21366
06KRP417	10				S21366
06KRP418	<5				S21366
06KRP419	<5				S21366
06KRP420	2590		2.50		S21366
06KRP421	450				S21366
06KRP422	260				S21366
06KRP423	30				S21366
06KRP424	30				S21366
06KRP425	5	10			S21366
06KRP426	190				S21366
06KRP427	15				S21366
06KRP428	500				S21366
06KRP429	<5				S21366
06KRP430	<5				S21366

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200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21366
-----------------------------

**SAMPLE(S) OF**  
68 Rock/0 Pulp

INVOICE #: 41066  
P.O.:

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	Au g/t	Ag g/t	File Name
06KRP431	<5				S21366
06KRP432	<5				S21366
06KRP433	<5				S21366
06KRP434	35				S21366
06KRP435	600	660			S21366
06KRP436	<5				S21366
06KRP439	80				S21366
06KRP440	<5				S21366
GS-1C	990				S21366
GS-1C	1000				S21366
GS-1C	970				S21366
GS-1C	970				S21366
AuM-3			6.52		S21366

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 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com



Company: APEX Geoscience Ltd.  
 Geologist: K. Raffle  
 Project: 06SWS002  
 Purchase Order:

TSL Report: S21366  
 Date Received: Nov 20, 2006  
 Date Reported: Dec 15, 2006  
 Invoice: 41066

Sample Type: Number Size Fraction Sample Preparation  
 Rock 68 Reject ~ 70% at -10 mesh (1.70 mm) Crush, Riffle Split, Pulverize  
 Pulp ~ 95% at -150 mesh (106 µm) Pulp Size requested ~ 250 g

**ICP-MS Aqua Regia Digestion HCl-HNO<sub>3</sub>**

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Lower Detection Limit	Upper Detection Limit	Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm	Mn *	1 ppm	50000 ppm
Al *	0.01 %	10 %	Mo	0.1 ppm	2000 ppm
As	0.5 ppm	10000 ppm	Na *	0.001%	10 %
Au	0.5 ppb	100 ppm	Ni	0.1 ppm	10000 ppm
B *	1 ppm	2000 ppm	P *	0.001%	5 %
Ba *	1 ppm	1000 ppm	Pb	0.1 ppm	10000 ppm
Bi	0.1 ppm	2000 ppm	S	0.05 %	10 %
Ca *	0.01%	40 %	Sb	0.1 ppm	2000 ppm
Cd	0.1 ppm	2000 ppm	Sc	0.1 ppm	100 ppm
Co	0.1 ppm	2000 ppm	Se	0.5 ppm	1000 ppm
Cr *	1 ppm	10000 ppm	Sr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm	Te	1 ppm	2000 ppm
Fe *	0.01%	40 %	Th *	0.1 ppm	2000 ppm
Ga *	1 ppm	1000 ppm	Ti *	0.001%	10 %
Hg	0.01 ppm	100 ppm	Tl	0.1 ppm	1000 ppm
K *	0.01%	10 %	U *	0.1 ppm	2000 ppm
La *	1 ppm	10000 ppm	V *	2 ppm	10000 ppm
Mg *	0.01%	30 %	W *	0.1 ppm	100 ppm
			Zn	1 ppm	10000 ppm

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**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21366  
 Date: December 15, 2006

**APEX Geoscience Ltd.**  
 Attention: M. Dufresne  
 Project: 06SWS002  
 Sample: 68 Rock

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06RTP201	1.4	3.04	2.3	5.9	<1	125	7.9	0.34	0.4	16.1	183.0	93.5	10.15	19	<0.1	0.24	16	1.14	895	1.6	0.003	29.6	0.216
06RTP202	0.5	1.23	1.9	1.8	1	607	0.2	0.20	2.9	10.1	76.0	395.9	2.01	5	<0.1	0.40	43	0.32	5573	1.2	0.016	7.1	0.046
06RTP203	1.9	0.41	13.6	15.0	<1	17	5.7	0.01	0.1	4.4	147.0	10.4	3.55	2	<0.1	0.34	21	0.02	85	3.6	0.003	4.2	0.004
06RTP203 Re	1.8	0.42	12.2	17.0	<1	14	5.3	0.01	0.1	3.9	143.0	9.7	3.71	2	<0.1	0.32	20	0.02	90	3.3	0.003	3.9	0.004
06RTP204	5.5	4.91	4.4	28.0	1	79	9.4	0.66	1.3	10.9	127.0	780.9	15.58	22	<0.1	0.11	30	2.22	6342	2.8	0.003	58.4	0.304
06RTP205	1.0	0.53	23.6	64.6	<1	278	10.9	0.05	0.4	0.7	120.0	29.8	7.22	3	0.01	0.20	3	0.04	85	2.8	0.004	3.7	0.012
06RTP206	6.1	0.38	39.4	95.9	<1	35	2.1	0.08	13.4	4.0	225.0	140.2	2.55	1	0.07	0.29	12	0.05	630	3.8	0.003	7.5	0.021
06RTP207	9.3	0.32	25.6	36.5	<1	53	7.8	0.02	14.9	4.3	167.0	118.6	1.96	1	0.05	0.24	10	0.02	494	6.7	0.002	5.8	0.022
06RTP208	1.0	1.43	0.6	1.7	2	97	0.7	0.10	0.8	4.0	174.0	106.9	4.21	3	<0.1	0.48	31	0.26	1138	5.9	0.003	4.2	0.040
06RTP209	10.6	1.88	1.7	18.4	<1	24	18.2	0.09	3.2	5.1	150.0	113.0	14.48	5	0.02	0.06	78	0.97	2103	5.9	0.001	5.5	0.015
06RTP210	22.4	0.24	<5	356.9	1	32	1576.8	0.04	3.2	7.9	95.0	173.7	1.61	7	0.01	0.02	7	0.99	542	18.1	0.002	5.8	0.021
06RTP211	58.4	2.93	0.8	1047.2	<1	88	109.6	0.36	2.3	6.6	41.0	512.3	18.24	10	0.01	0.01	50	0.97	3624	38.3	0.001	4.9	0.015
06RTP212	22.6	0.27	<5	186.7	<1	53	>2000	0.09	71.0	8.2	80.0	3887.8	0.97	8	<0.1	0.07	4	0.18	379	5.8	0.001	3.1	0.020
06RTP213	20.8	0.16	<5	306.4	1	106	>2000	0.09	29.3	5.2	83.0	1778.8	1.37	6	0.01	0.12	6	0.75	248	4.6	0.002	3.6	0.017
06RTP214	24.2	0.46	<5	2397.7	<1	103	>2000	1.80	24.2	3.9	23.0	497.3	0.92	2	0.01	0.03	5	0.12	701	7.3	0.002	<1	0.006
06RTP215	31.4	1.35	<5	16.8	<1	332	133.5	1.02	6.8	3.5	77.0	474.6	3.19	4	0.01	0.40	14	0.57	6245	0.8	0.003	4.9	0.090
06RTP216	6.0	1.57	0.9	5.9	1	111	23.0	0.17	1.1	6.1	146.0	118.2	5.13	4	<0.1	0.36	25	0.37	1919	3.3	0.003	4.6	0.042
06RTP217	3.1	1.20	1.7	5.7	2	73	4.2	0.07	1.2	4.7	155.0	104.0	8.58	4	0.01	0.22	9	0.20	1398	2.2	0.003	4.9	0.018
06RTP218	3.0	0.35	0.6	1.9	2	168	3.4	0.03	2.1	2.8	141.0	220.9	3.70	1	0.01	0.18	33	0.03	1039	3.1	0.002	3.9	0.009
06RTP219	2.3	0.28	0.5	2.8	2	61	1.8	0.04	2.4	1.7	156.0	204.1	2.70	1	<0.1	0.20	29	0.02	679	1.7	0.002	4.2	0.011
06RTP220	20.1	0.34	80.7	2378.8	<1	13	25.8	0.24	2.3	5.0	105.0	136.8	7.71	1	0.01	0.15	9	0.13	574	2.4	0.005	3.7	0.012
06RTP221	41.9	0.54	<5	23.7	<1	31	77.2	0.11	14.0	4.4	116.0	1996.6	2.91	1	0.01	0.21	16	0.10	1259	1.4	0.002	3.6	0.011
06RTP222	7.6	0.19	9.6	16.3	<1	21	10.1	0.01	0.2	2.8	157.0	60.1	2.47	1	<0.1	0.24	6	0.01	72	2.0	0.004	4.4	0.004
06RTP223	>100	0.88	<5	193.8	1	203	109.4	0.03	5.5	2.9	120.0	>10000	5.02	2	0.06	0.09	8	0.42	1393	12.6	0.002	4.3	0.006
06RTP224	6.7	0.95	17.7	40.5	6	7	4.2	0.59	43.7	5.8	89.0	327.9	5.38	3	0.09	0.48	6	0.05	1639	8.5	0.007	3.5	0.018
06RTP225	7.9	0.27	10.2	37.0	2	8	5.5	0.08	36.0	5.7	106.0	294.4	4.83	1	0.07	0.25	8	0.02	3114	4.8	0.003	4.3	0.027
06RTP226	16.7	0.24	18.9	78.6	6	3	14.2	0.05	136.5	13.1	162.0	728.4	18.15	1	0.23	0.20	4	0.02	1120	6.4	0.004	5.6	0.014
06RTP227	8.1	0.40	10.5	37.4	1	13	8.8	0.10	19.5	2.7	84.0	149.9	2.72	1	0.05	0.30	12	0.02	3517	5.8	0.002	3.9	0.033
06RTP228	21.3	0.33	14.9	59.3	2	13	6.6	0.07	44.2	2.6	86.0	318.9	2.87	1	0.32	0.26	7	0.02	3254	7.0	0.003	2.2	0.013
06RTP229	9.3	0.28	8.6	31.2	<1	15	5.6	0.05	46.6	3.3	111.0	246.5	2.08	1	0.12	0.25	11	0.01	2384	6.3	0.002	3.5	0.015
06KRP400	8.3	0.24	9.2	34.0	<1	29	1.6	0.05	27.1	2.4	132.0	195.2	1.43	1	0.13	0.23	10	0.01	4635	4.8	0.002	3.8	0.025
06KRP401	1.2	5.62	4.8	9.9	5	47	0.3	1.08	15.5	24.0	32.0	384.9	5.71	12	0.03	0.18	17	1.06	7640	9.2	2.534	8.5	0.210
06KRP402	90.7	0.16	39.2	>5000	3	9	3.7	0.06	147.3	9.1	101.0	2475.5	4.54	1	0.56	0.12	6	0.05	4190	1.7	0.003	7.9	0.007
06KRP403	6.1	0.21	6.6	34.9	<1	16	5.0	0.03	12.5	3.3	138.0	63.8	5.92	1	0.03	0.20	9	0.01	196	8.5	0.006	4.3	0.006
Sld D57	0.9	1.15	49.6	47.1	40	384	4.8	0.99	6.4	9.8	267.0	110.5	2.49	5	0.20	0.49	16	1.07	643	21.5	0.109	58.1	0.079

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_ Mark Acres - Quality Assurance

Page 1 of 6

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21366  
Date: December 15, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
Project: 06SW5002  
Sample: 68 Rock

MULTIELEMENT ICP-MS ANALYSIS  
Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06KRP404	5.9	0.18	5.8	73.5	1	32	3.4	0.01	1.4	2.2	99.0	18.5	2.02	1	0.07	0.24	7	0.01	97	3.4	0.004	3.6	0.008
06KRP405	39.7	0.09	12.8	59.8	1	24	81.0	0.01	1.4	4.0	127.0	1690.0	4.05	<1	0.14	0.14	2	<0.1	79	1.6	0.002	4.1	0.004
06KRP406	7.8	0.16	33.5	15.4	1	104	12.0	0.02	0.3	0.2	92.0	128.4	2.91	1	0.21	0.47	26	0.01	76	1.7	0.003	2.4	0.046
06KRP407	14.5	0.17	37.9	24.7	1	40	12.9	0.05	11.5	1.3	106.0	2169.1	2.45	1	0.10	0.27	20	0.01	4607	4.2	0.002	3.3	0.012
06KRP408	1.6	4.04	2.9	3.5	1	97	2.4	0.10	0.5	14.0	53.0	278.3	15.05	30	0.03	0.11	9	2.02	2105	3.3	0.001	6.1	0.075
06KRP409	<1	1.75	1.3	0.9	1	116	0.2	0.80	0.1	21.5	61.0	24.8	4.75	9	<0.1	0.26	15	1.81	845	1.1	0.031	7.9	0.145
06KRP410	2.5	3.47	1.4	2.5	1	122	1.3	0.06	0.2	6.8	56.0	1118.1	11.33	18	0.02	0.16	13	1.55	2557	2.8	0.001	12.0	0.041
06KRP411	0.1	1.92	1.6	<5	2	144	1.6	0.18	0.3	7.8	38.0	154.7	7.17	6	0.01	0.19	18	1.12	1552	1.3	0.014	9.6	0.102
06KRP412	0.8	2.35	1.2	2.6	<1	59	3.2	0.08	0.1	9.9	61.0	130.0	9.03	12	0.01	0.25	14	0.91	718	12.9	0.002	22.6	0.078
06KRP413	0.2	0.71	<5	0.7	1	43	0.8	0.11	0.6	2.6	68.0	5.4	3.81	2	<0.1	0.16	21	0.20	509	2.2	0.012	2.2	0.033
06KRP414	32.5	0.45	128.9	271.5	1	2	125.0	0.02	3.0	34.7	62.0	225.6	30.22	1	0.19	0.15	3	0.02	30	7.3	0.003	3.6	0.096
06KRP415	13.9	0.65	236.0	111.1	2	65	42.8	0.12	1.0	2.5	17.0	582.9	27.20	2	0.04	0.15	6	0.05	239	5.3	0.006	1.9	0.225
06KRP416	0.1	0.33	5.7	1.0	<1	61	0.2	0.17	1.1	3.5	34.0	13.2	1.35	1	<0.1	0.15	59	0.02	629	0.8	0.019	2.3	0.060
06KRP417	3.3	2.08	47.3	9.5	<1	82	6.1	1.32	18.7	19.5	35.0	655.1	6.56	8	0.02	0.21	8	1.08	2382	2.3	0.013	11.6	0.176
06KRP418	0.3	2.15	4.4	1.7	1	837	0.1	0.52	3.6	25.6	33.0	117.3	6.01	8	<0.1	0.18	7	1.61	3008	0.4	0.016	17.5	0.172
06KRP419	3.0	0.27	16.1	0.8	<1	1101	2.7	0.03	0.2	0.4	33.0	49.1	2.88	1	0.02	0.19	49	0.02	54	3.0	0.002	1.1	0.035
06KRP420	46.8	0.11	273.6	2640.9	2	11	1.6	0.01	48.0	1.8	90.0	266.8	10.14	<1	0.98	0.14	10	0.02	130	10.6	0.003	2.9	0.006
06KRP421	>100	0.15	89.2	471.9	<1	37	431.5	0.02	1.3	1.1	84.0	739.5	6.02	2	0.77	0.07	3	0.01	2019	1.9	0.001	2.1	0.011
06KRP422	>100	2.58	3.0	226.0	2	123	1228.0	0.03	1.0	8.0	59.0	111.9	12.57	7	0.01	0.04	8	0.79	3626	4.3	0.002	4.4	0.018
06KRP423	18.6	0.24	2.7	14.3	<1	547	37.9	0.08	10.9	4.1	94.0	124.6	1.99	1	0.03	0.24	28	0.02	7230	12.7	0.004	4.1	0.048
06KRP424	72.5	1.00	<5	31.7	<1	91	14.7	0.70	7.1	3.5	81.0	2800.6	7.52	3	0.01	0.15	5	0.45	1647	2.9	0.002	2.3	0.015
06KRP425	>100	1.59	<5	10.9	<1	54	8.6	0.12	24.3	4.5	83.0	>10000	10.48	5	0.02	0.22	6	0.41	2184	3.8	0.002	2.8	0.028
06KRP425 Re	>100	1.54	<5	9.2	<1	55	8.3	0.12	24.4	4.6	83.0	>10000	10.19	5	0.01	0.21	6	0.40	2116	4.0	0.002	2.7	0.028
06KRP426	>100	1.78	0.9	109.2	<1	146	73.0	0.05	26.3	3.9	68.0	>10000	11.84	5	0.01	0.19	6	0.49	1235	6.5	0.002	2.6	0.021
06KRP427	36.4	2.56	3.4	9.7	<1	121	8.9	0.08	2.1	5.4	75.0	1722.3	13.27	7	0.01	0.19	7	0.67	1998	2.9	0.002	2.8	0.026
06KRP428	>100	0.65	<5	817.5	<1	113	1349.0	22.32	11.4	2.7	20.0	1445.5	6.05	2	<0.1	0.01	6	0.89	5950	18.8	0.002	<1	0.005
06KRP429	10.5	1.89	2.0	2.7	<1	200	3.8	0.05	0.3	6.1	77.0	301.5	11.15	5	<0.1	0.15	8	0.52	1326	1.9	0.001	2.6	0.017
06KRP430	3.7	1.20	<5	1.5	<1	98	13.3	0.20	0.9	2.7	69.0	31.9	7.15	3	<0.1	0.15	6	0.36	1857	1.3	0.002	1.9	0.012
06KRP431	1.1	1.21	<5	3.0	1	28	0.8	0.46	2.2	3.8	72.0	20.6	5.01	3	0.01	0.24	15	0.37	1888	0.6	0.002	3.0	0.032
06KRP432	2.2	0.18	<5	4.1	<1	40	3.6	0.04	2.2	2.5	87.0	130.0	3.54	<1	<0.1	0.14	41	0.02	948	1.2	0.002	2.3	0.012
06KRP433	1.5	0.29	<5	4.1	<1	78	0.7	0.04	2.8	6.4	67.0	24.7	11.25	1	0.01	0.06	6	0.02	3797	2.6	0.001	2.7	0.011
06KRP434	70.0	0.20	14.8	32.2	<1	43	20.0	0.02	13.4	2.5	113.0	6161.3	2.68	<1	0.03	0.18	3	0.01	382	1.0	0.003	2.4	0.010
06KRP435	37.7	0.10	159.4	568.6	<1	84	15.2	0.03	158.8	10.8	14.0	1936.3	32.32	2	0.31	0.02	4	0.02	>50000	3.3	0.001	3.8	0.003
06KRP436	0.6	1.10	0.5	1.4	<1	61	1.5	0.27	0.8	3.3	103.0	23.3	5.49	3	<0.1	0.14	20	0.33	1589	4.1	0.002	2.7	0.015
Std D57	0.9	0.99	46.8	133.9	38	379	4.6	0.93	6.4	9.2	230.0	105.7	2.35	5	0.19	0.45	13	1.03	615	19.8	0.083	53.1	0.076

*MZA*

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Page 2 of 6

Signed: \_\_\_\_\_ Mark Acres - Quality Assurance

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21366  
 Date: December 15, 2006

**APEX Geoscience Ltd.**  
 Attention: M. Dufresne  
 Project: 06SW5002  
 Sample: 68 Rock

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06KRP439	31.3	0.36	8.9	92.5	<1	89	40.9	0.01	0.1	0.7	60.0	169.0	3.50	1	0.02	0.25	8	0.02	73	28.5	0.010	1.9	0.060
06KRP440	1.3	4.23	5.3	3.4	<1	344	32.7	0.35	1.4	12.9	163.0	73.4	13.39	17	<01	0.15	16	2.02	5531	1.9	0.003	51.9	0.198
Std DS7	0.9	1.06	48.8	63.1	39	377	4.6	1.01	6.5	9.6	259.0	105.6	2.49	5	0.20	0.46	15	1.06	631	20.9	0.103	55.6	0.079

*MDK*

Signed: \_\_\_\_\_ Mark Acres - Quality Assurance

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

**TSL LABORATORIES INC.**

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 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21366  
 Date: December 15, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS002  
 Sample: 68 Rock

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06RTP201	169.1	0.78	0.1	2.7	<5	43	1	1.4	0.019	0.2	1.5	44	3.8	669
06RTP202	41.0	<0.5	0.3	2.1	<5	23	<1	12.3	0.025	0.3	5.3	20	1.5	1139
06RTP203	113.8	3.97	0.2	0.3	<5	3	<1	4.6	0.002	0.3	1.3	3	0.4	99
06RTP203 Re	112.0	3.92	0.1	0.3	<5	3	<1	4.4	0.002	0.3	1.3	2	0.4	94
06RTP204	170.2	0.43	0.2	7.3	<5	29	<1	1.5	0.026	0.1	5.9	111	6.9	1220
06RTP205	123.8	0.30	0.3	0.8	<5	22	3	2.2	0.006	0.1	0.7	11	0.5	420
06RTP206	2945.5	2.37	1.1	0.5	<5	5	<1	4.8	0.002	0.2	0.6	4	0.6	5806
06RTP207	1889.5	1.76	1.3	0.5	<5	7	<1	4.8	0.001	0.2	1.1	3	0.3	6701
06RTP208	323.8	<0.5	0.1	0.7	<5	7	<1	4.6	0.005	0.6	0.9	6	1.5	739
06RTP209	7343.6	<0.5	0.4	1.1	<5	11	<1	1.5	0.005	0.1	1.1	11	86.0	6987
06RTP210	1809.6	<0.5	0.2	1.3	<5	18	<1	1.3	0.017	0.1	3.2	15	48.8	4072
06RTP211	2272.1	<0.5	0.2	1.3	<5	25	<1	0.8	0.008	<1	2.1	21	>100	3507
06RTP212	1970.0	2.15	0.4	1.3	0.5	89	<1	1.4	0.007	0.1	4.5	13	4.1	2762
06RTP213	1862.3	1.16	0.5	1.2	<5	16	<1	1.4	0.005	0.2	3.3	12	14.5	1456
06RTP214	2036.8	0.67	0.5	0.6	<5	407	<1	0.3	0.002	0.1	1.6	6	10.4	8360
06RTP215	>10000	0.31	0.2	1.1	<5	32	<1	1.9	0.003	0.3	1.2	17	1.0	2951
06RTP216	1617.7	<0.5	0.1	0.7	<5	7	<1	4.1	0.003	0.4	1.4	7	7.8	883
06RTP217	568.3	<0.5	0.2	0.6	<5	4	<1	2.0	0.006	0.2	1.5	7	49.1	1393
06RTP218	433.3	<0.5	0.1	0.4	<5	4	<1	1.1	0.001	0.2	1.5	3	11.6	1720
06RTP219	344.8	<0.5	0.1	0.2	<5	2	<1	1.8	0.001	0.2	0.9	3	19.6	931
06RTP220	698.2	4.82	0.4	0.5	<5	4	<1	1.6	0.003	0.2	0.5	6	15.4	1667
06RTP221	4094.6	0.18	0.1	0.3	<5	5	<1	1.8	0.001	0.3	0.5	2	1.4	4323
06RTP222	321.8	2.28	0.1	0.1	<5	3	<1	1.0	0.001	0.2	0.1	<1	0.7	96
06RTP223	>10000	0.52	0.4	0.5	0.5	9	<1	1.0	0.003	0.1	2.1	4	12.0	3412
06RTP224	916.1	6.09	3.1	0.7	<5	16	<1	5.5	0.006	0.4	1.9	5	1.2	>10000
06RTP225	981.2	5.90	2.0	0.3	<5	10	<1	5.4	0.001	0.2	1.0	1	0.5	>10000
06RTP226	1846.2	>10	3.8	0.2	0.8	10	<1	2.1	0.003	0.2	0.7	1	0.7	>10000
06RTP227	1912.1	3.40	1.4	0.4	<5	9	<1	10.5	0.001	0.3	1.6	1	0.5	9557
06RTP228	3424.5	3.60	3.5	0.3	<5	22	<1	6.5	0.001	0.2	1.8	<1	0.6	>10000
06RTP229	1155.5	2.99	1.5	0.2	<5	22	<1	9.6	0.001	0.2	1.3	<1	3.0	>10000
06KRP400	4416.2	1.69	2.1	0.3	<5	68	<1	4.7	0.001	0.2	2.4	1	2.8	>10000
06KRP401	74.3	1.34	0.1	4.0	<5	114	<1	1.9	0.242	0.3	1.1	213	0.1	1814
06KRP402	>10000	6.31	7.6	0.4	<5	26	<1	1.0	0.001	0.2	1.5	2	4.9	>10000
06KRP403	3638.5	6.71	1.6	0.1	<5	3	<1	3.5	0.001	0.2	0.2	1	1.8	6148
Std DS7	70.5	0.21	5.2	2.6	3.5	79	1	4.7	0.127	4.2	5.1	87	3.8	404

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:

Mark Acres - Quality Assurance

**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS002

Sample: 68 Rock

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21366

Date: December 15, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06KRP404	1624.5	1.89	0.8	0.2	<5	6	<1	3.5	0.001	0.2	0.2	3	0.3	695
06KRP405	1297.8	3.47	2.3	0.1	<5	3	1	1.1	0.001	0.2	0.1	1	54.5	695
06KRP406	2357.8	0.73	1.4	0.2	<5	19	<1	14.3	0.001	0.4	0.6	1	1.0	164
06KRP407	834.2	2.48	9.8	0.2	<5	8	<1	9.1	0.001	0.4	1.7	<1	0.8	5312
06KRP408	436.4	0.26	0.1	5.3	<5	8	<1	7.1	0.015	0.1	5.4	70	59	1212
06KRP409	7.7	<0.5	0.2	8.1	<5	26	<1	7.4	0.078	0.2	2.0	125	0.3	173
06KRP410	344.9	0.08	0.1	1.8	<5	4	<1	6.0	0.004	0.1	1.9	28	3.2	1006
06KRP411	17.7	<0.5	0.1	5.0	<5	8	<1	3.1	0.023	0.2	1.2	75	3.4	514
06KRP412	130.7	0.85	0.1	1.4	<5	12	<1	2.4	0.017	0.3	1.8	29	4.1	558
06KRP413	37.4	<0.5	0.1	0.5	<5	7	<1	3.4	0.004	0.1	0.8	8	5.9	371
06KRP414	1504.4	>10	0.3	0.3	2.3	15	33	1.7	0.004	0.2	14.4	8	1.3	1672
06KRP415	1534.7	1.93	5.3	0.8	<5	26	10	2.4	0.006	0.1	16.3	25	0.6	4741
06KRP416	36.8	<0.5	0.1	0.6	<5	25	<1	16.8	0.002	0.1	2.7	9	<1	596
06KRP417	180.6	1.50	0.4	6.5	1.0	103	<1	0.9	0.019	0.4	1.0	108	0.1	>10000
06KRP418	23.7	0.12	0.2	7.4	<5	38	<1	0.7	0.028	0.3	0.7	166	<1	1809
06KRP419	633.4	0.11	0.1	0.3	<5	7	<1	15.5	<0.01	0.2	0.9	2	0.1	703
06KRP420	>10000	>10	8.9	0.1	0.5	6	<1	1.1	0.002	0.2	0.3	<1	0.4	>10000
06KRP421	3876.3	0.66	40.2	0.4	0.8	2	4	5.3	0.006	0.1	0.6	6	9.3	853
06KRP422	9162.7	0.17	0.2	1.2	<5	9	<1	1.5	0.014	0.1	1.4	9	31.0	1982
06KRP423	2096.5	0.21	1.0	0.5	<5	22	<1	10.9	0.001	0.3	2.6	3	0.5	3662
06KRP424	494.6	0.25	0.3	0.7	<5	32	<1	1.0	0.002	0.2	1.5	6	20.4	2920
06KRP425	1083.2	0.69	0.2	1.0	<5	7	<1	2.2	0.002	0.3	1.6	6	6.1	8660
06KRP425 Re	1040.1	0.67	0.2	0.9	<5	7	<1	2.2	0.002	0.3	1.7	5	5.9	8395
06KRP426	2896.9	0.67	0.2	0.8	<5	9	<1	2.1	0.003	0.2	3.8	5	2.8	>10000
06KRP427	1315.0	0.09	0.4	1.2	<5	7	<1	2.9	0.004	0.2	1.9	8	4.5	2193
06KRP428	>10000	0.43	0.4	0.6	<5	592	<1	0.3	0.003	<1	0.9	5	12.5	2002
06KRP429	1852.4	<0.5	0.3	1.2	<5	5	<1	1.5	0.008	0.2	1.8	7	78.7	1245
06KRP430	161.9	<0.5	0.2	1.0	<5	8	<1	0.6	0.006	0.2	0.9	10	59.3	1168
06KRP431	311.1	<0.5	0.1	0.9	<5	17	<1	1.7	0.003	0.2	0.8	8	13.8	1561
06KRP432	506.3	<0.5	0.2	0.4	<5	3	<1	1.8	0.002	0.2	0.4	2	22.3	1463
06KRP433	130.9	<0.5	0.3	0.8	<5	7	<1	1.7	0.006	0.1	2.5	6	41.5	2822
06KRP434	3487.5	1.81	1.3	0.2	<5	4	<1	2.0	<0.01	0.2	0.5	1	0.6	4297
06KRP435	3282.4	1.54	5.8	6.5	<5	25	<1	0.2	0.001	<1	1.0	2	1.8	>10000
06KRP436	69.8	<0.5	0.1	0.6	<5	9	<1	2.5	0.003	0.2	1.0	5	17.8	958
Std DST	69.6	0.24	5.6	2.2	3.3	73	1	4.4	0.119	4.1	4.9	81	3.7	402

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:

Mark Acres - Quality Assurance



**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SW/S002

Sample: 68 Rock

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21366

Date: December 15, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06KRP439	2026.1	0.50	0.7	0.5	<5	25	1	3.4	0.003	0.2	2.3	4	0.3	158
06KRP440	99.8	0.36	0.1	3.8	<5	41	<1	3.1	0.012	0.2	4.0	82	0.4	2134
Std DS7	69.0	0.20	5.4	2.7	3.4	80	1	4.7	0.127	4.2	5.0	84	3.8	408

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:



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Company: APEX Geoscience Ltd.  
 Geologist: K. Raffle  
 Project: 06SWS002

TSL Report: S21367  
 Date Requested: Nov 20, 2006  
 Date Reported: Nov 30, 2006  
 Invoice: 41067

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	15	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize

Screen Metallic size: Entire Sample

*Screen Metallic for Gold*

*Minus fraction for gold analysis is weighed at 2 AT (58.32g)*

- Au oz/ton Total - Au weighted average*
- Au oz/ton +150 - Au value of +150 mesh fraction*
- Au oz/ton -150 - Au value of -150 mesh fraction*
- Wt g Total - Total sample weight*
- Wt g +150 - Weight of +150 mesh fraction*
- Wt g -150 - Weight of -150 mesh fraction*
  
- Au mg +150 - Value is the entire plus fraction*
- Au mg -150 - Value is based on a 2 AT sample weight*

*Samples with 100% passing 150 mesh (106 µm) are screened at 200 mesh (75 µm).*

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21367
-----------------------------

**SAMPLE(S) OF** 15 Rock/0 Pulp


INVOICE #:41067  
P.O.:

K. Raffle  
Project: 06SWS002

	Au g/t Total	Au g/t +150	Au g/t -150	Wt g Total	Wt g +150	Wt g -150	Au mg +150	Au mg -150	File Name
06RTP212	.53	.99	.51	711.0	33.26	677.7	.033	.030	S21367
06RTP213	1.08	4.13	.99	920.5	27.62	892.9	.114	.058	S21367
06RTP224	.11	1.60	.07	1541.1	43.77	1497.3	.070	.004	S21367
06RTP225	.07	.05	.07	1172.7	41.54	1131.2	.002	.004	S21367
06RTP226	.03	.07	.03	1572.9	15.33	1557.6	.001	.002	S21367
06RTP227	.03	.03	.03	1282.0	33.23	1248.8	.001	.002	S21367
06RTP228	.09	.21	.09	915.7	28.04	887.7	.006	.005	S21367
06RTP229	<.03	<.03	<.03	1356.9	42.36	1314.5	.001	.002	S21367
06KRP402	7.68	3.68	7.78	1268.3	30.96	1237.3	.114	.454	S21367
06KRP408	<.03	<.03	<.03	127.9	27.43	100.5	<.001	<.001	S21367
06KRP410	<.03	<.03	<.03	400.7	16.84	383.9	<.001	<.001	S21367
06KRP414	.42	.54	.41	698.5	27.69	670.8	.015	.024	S21367
06KRP420	2.86	1.08	2.95	459.2	21.25	438.0	.023	.172	S21367
06KRP426	.44	2.13	.36	974.1	43.60	930.5	.093	.021	S21367
06KRP431	<.03	<.03	<.03	390.8	22.52	368.3	<.001	<.001	S21367
AuM-3	6.45								S21367
AuM-3	6.58								S21367
AuM-3	7.24								S21367

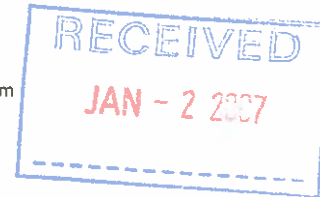
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Company: APEX Geoscience Ltd.  
Geologist: K. Raffle  
Project: 06SWS002  
Purchase Order

TSL Report: S21569 - Original Report S21366  
Date Requested: Dec 19, 2006  
Date Reported: Dec 22, 2006  
Invoice: 41283

Remarks: Assay on over-range values from ICP-MS

Sample Type: Number  
Rock Pulp 17

*Standard Procedure:*

*Sample for Ag (g/tonne) are weighed at 0.5 gram  
Samples for Cu, Pb, Zn, (%) are weighed at 0.5 gram.*

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Ag	g/tonne	HNO <sub>3</sub> -HF-HClO <sub>4</sub> -HCl/AA	1	1000
Cu	%	HNO <sub>3</sub> -HF-HClO <sub>4</sub> -HCl/AA	0.01	80
Pb	%	HNO <sub>3</sub> -HF-HClO <sub>4</sub> -HCl/AA	0.01	80
Zn	%	HNO <sub>3</sub> -HF-HClO <sub>4</sub> -HCl/AA	0.01	80

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<b>REPORT No.</b> S21569
-----------------------------

**SAMPLE(S) OF** 17 Rock Pulp

INVOICE #: 41283  
P.O.:

K. Raffle  
Project: 06SWS002

Original Report S21366. Assay on over-range values from ICP-MS

	Ag g/t	Cu %	Pb %	Zn %	File Name
06RTP215			1.18		S21569
06RTP223	239.	1.80	1.43		S21569
06RTP224				1.89	S21569
06RTP225				1.59	S21569
06RTP226				4.41	S21569
06RTP228				1.95	S21569
06RTP229				2.20	S21569
06KRP400				1.08	S21569
06KRP402			16.28	5.71	S21569
06KRP417				1.27	S21569
06KRP420			2.18	2.13	S21569
06KRP421	454.				S21569
06KRP422	429.				S21569
06KRP425	128.	1.42			S21569
06KRP426	668.	1.25		1.16	S21569
06KRP428	423.		1.86		S21569
06KRP435				7.32	S21569
CCU-1b	180.		1.32	5.63	S21569
SU-1a		.96			S21569

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Company: APEX Geoscience Ltd.  
Geologist: K. Raffle  
Project: 06SWS001  
Purchase Order: 99123

TSL Report: S21332  
Date Received: Nov 10, 2006  
Date Reported: Nov 17, 2006  
Invoice: 40993

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Soil	180	-80 mesh	Dry, Screen

Standard Procedure:

Samples for Au Fire Assay/AA (ppb) are weighed at 30 grams.

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppb	Fire Assay/AA	5	3000
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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<b>REPORT No.</b> S21332
-----------------------------

**SAMPLE(S) OF**  
180 Soil/0 Pulp


INVOICE #: 40993  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS100	10		S21332
06BWS101	<5		S21332
06BWS102	<5	<5	S21332
06BWS103	<5		S21332
06BWS104	<5		S21332
06BWS105	<5		S21332
06BWS106	<5		S21332
06BWS107	<5		S21332
06BWS108	<5		S21332
06BWS109	<5		S21332
06BWS110	<5		S21332
06BWS111	5		S21332
06BWS112	<5	<5	S21332
06BWS113	<5		S21332
06BWS114	<5		S21332
06BWS115	<5		S21332
06BWS116	<5		S21332
06BWS117	<5		S21332
06BWS118	<5		S21332
06BWS119	<5		S21332

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<b>REPORT No.</b> S21332
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**SAMPLE(S) OF** 180 Soil/0 Pulp


INVOICE #: 40993  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS120	5		S21332
06BWS121	<5		S21332
06BWS122	10	5	S21332
06BWS123	<5		S21332
06BWS124	10		S21332
06BWS125	<5		S21332
06BWS126	<5		S21332
06BWS127	<5		S21332
06BWS128	<5		S21332
06BWS129	<5		S21332
06BWS130	<5		S21332
06BWS131	<5		S21332
06BWS132	<5	<5	S21332
06BWS133	<5		S21332
06BWS134	<5		S21332
06BWS135	<5		S21332
06BWS136	<5		S21332
06BWS137	<5		S21332
06BWS138	10		S21332
06BWS139	<5		S21332

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<b>REPORT No.</b> S21332
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**SAMPLE(S) OF**  
180 Soil/0 Pulp


INVOICE #: 40993  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS140	5		S21332
06BWS141	<5		S21332
06BWS142	15	10	S21332
06BWS143	<5		S21332
06BWS144	<5		S21332
06BWS145	<5		S21332
06BWS146	<5		S21332
06BWS147	10		S21332
06BWS148	5		S21332
06BWS149	<5		S21332
06BWS150	<5		S21332
06BWS151	<5		S21332
06BWS152	15	10	S21332
06BWS153	<5		S21332
06BWS154	20		S21332
06BWS155	15		S21332
06BWS156	<5		S21332
06BWS157	5		S21332
06BWS158	<5		S21332
06BWS159	5		S21332

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<b>REPORT No.</b> S21332
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**SAMPLE(S) OF**  
180 Soil/0 Pulp


INVOICE #: 40993  
P.O.: 99123

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Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS160	<5		S21332
06BWS161	15		S21332
06BWS162	<5	<5	S21332
06BWS163	<5		S21332
06BWS164	<5		S21332
06BWS165	15		S21332
06BWS166	<5		S21332
06BWS167	<5		S21332
06BWS168	15		S21332
06BWS169	<5		S21332
06BWS170	<5		S21332
06BWS171	<5		S21332
06BWS172	<5	<5	S21332
06BWS173	<5		S21332
06BWS174	<5		S21332
06BWS175	<5		S21332
06BWS176	<5		S21332
06BWS177	130		S21332
06BWS178	<5		S21332
06BWS179	<5		S21332

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<b>REPORT No.</b> S21332
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**SAMPLE(S) OF**

180 Soil/0 Pulp


INVOICE #: 40993  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS180	10		S21332
06BWS181	<5		S21332
06BWS182	5	5	S21332
06BWS183	5		S21332
06BWS184	<5		S21332
06BWS185	<5		S21332
06BWS186	<5		S21332
06BWS187	<5		S21332
06BWS188	<5		S21332
06BWS189	<5		S21332
06BWS190	<5		S21332
06BWS191	<5		S21332
06BWS192	<5	<5	S21332
06BWS193	<5		S21332
06BWS194	<5		S21332
06BWS195	<5		S21332
06BWS196	<5		S21332
06BWS197	<5		S21332
06BWS198	<5		S21332
06BWS199	<5		S21332

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<b>REPORT No.</b> S21332
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**SAMPLE(S) OF**  
180 Soil/0 Pulp


INVOICE #: 40993  
P.O. : 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS200	<5		S21332
06BWS201	<5		S21332
06BWS202	<5	<5	S21332
06BWS203	<5		S21332
06BWS204	<5		S21332
06BWS205	10		S21332
06BWS206	<5		S21332
06BWS207	<5		S21332
06BWS208	<5		S21332
06BWS209	<5		S21332
06BWS210	<5		S21332
06BWS211	<5		S21332
06BWS212	<5		S21332
06BWS213	<5		S21332
06BWS214	<5		S21332
06BWS215	<5		S21332
06BWS216	20		S21332
06BWS217	<5		S21332
06BWS218	<5		S21332
06BWS219	<5		S21332

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<b>REPORT No.</b> S21332
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**SAMPLE(S) OF**

180 Soil/0 Pulp

INVOICE #: 40993  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS220	<5		S21332
06BWS221	10		S21332
06BWS222	20	10	S21332
06BWS223	<5		S21332
06BWS224	<5		S21332
06BWS225	<5		S21332
06BWS226	<5		S21332
06BWS227	<5		S21332
06BWS228	<5		S21332
06BWS229	<5		S21332
06BWS230	<5		S21332
06BWS231	<5		S21332
06BWS232	<5	<5	S21332
06BWS233	<5		S21332
06BWS234	<5		S21332
06BWS235	<5		S21332
06BWS236	<5		S21332
06BWS237	<5		S21332
06BWS238	<5		S21332
06BWS239	<5		S21332

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**SAMPLE(S) OF** 180 Soil/0 Pulp

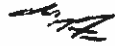
INVOICE #: 40993  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS240	<5		S21332
06BWS241	10		S21332
06BWS242	<5	<5	S21332
06BWS243	<5		S21332
06BWS244	<5		S21332
06BWS245	<5		S21332
06BWS246	<5		S21332
06BWS247	<5		S21332
06BWS248	<5		S21332
06BWS249	<5		S21332
06BWS250	<5		S21332
06BWS251	<5		S21332
06BWS252	<5	<5	S21332
06BWS253	5		S21332
06BWS254	<5		S21332
06BWS255	5		S21332
06BWS256	<5		S21332
06BWS257	<5		S21332
06BWS258	<5		S21332
06BWS259	<5		S21332

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200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21332
-----------------------------

**SAMPLE(S) OF** 180 Soil/0 Pulp


INVOICE #: 40993  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06BWS260	<5		S21332
06BWS261	<5		S21332
06BWS262	5	<5	S21332
06BWS263	<5		S21332
06BWS264	<5		S21332
06BWS265	<5		S21332
06BWS266	<5		S21332
06BWS267	<5		S21332
06BWS268	<5		S21332
06BWS269	<5		S21332
06BWS270	<5		S21332
06BWS271	<5		S21332
06BWS272	10	5	S21332
06BWS273	5		S21332
06BWS274	<5		S21332
06BWS275	<5		S21332
06BWS276	5		S21332
06BWS277	<5		S21332
06BWS278	<5		S21332
06BWS279	<5		S21332

COPIES TO: D. Besserer, K. Raffle  
INVOICE TO: Apex Geoscience - Edmonton

Nov 17/06

SIGNED   
Mark Acres - Quality Assurance



#2 - 302 48<sup>th</sup> Street • Saskatoon, SK • S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21332
-----------------------------

**SAMPLE(S) OF**  
180 Soil/0 Pulp

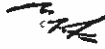
INVOICE #: 40993  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
GS-1B	1010		S21332
GS-1B	980		S21332
GS-1B	1010		S21332
GS-1B	1000		S21332
GS-1B	1080		S21332
GS-1B	980		S21332
GS-1B	1040		S21332
GS-1B	1060		S21332
GS-1B	1030		S21332

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Nov 17/06

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Company:	APEX Geoscience Ltd.	TSL Report:	S21332
Geologist:	K. Raffle	Date Received:	Nov 10, 2006
Project:	06SWS001	Date Reported:	Dec 05, 2006
Purchase Order:	99123	Invoice:	40993

Sample Type:	Number	Size Fraction	Sample Preparation
Soil	180	-80 mesh	Dry, Screen

**ICP-MS Aqua Regia Digestion HCl-HNO<sub>3</sub>**

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Lower Detection Limit	Upper Detection Limit	Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm	Mn *	1 ppm	50000 ppm
Al *	0.01 %	10 %	Mo	0.1 ppm	2000 ppm
As	0.5 ppm	10000 ppm	Na *	0.001%	10 %
Au	0.5 ppb	100 ppm	Ni	0.1 ppm	10000 ppm
B *	1 ppm	2000 ppm	P *	0.001%	5 %
Ba *	1 ppm	1000 ppm	Pb	0.1 ppm	10000 ppm
Bi	0.1 ppm	2000 ppm	S	0.05 %	10 %
Ca *	0.01%	40 %	Sb	0.1 ppm	2000 ppm
Cd	0.1 ppm	2000 ppm	Sc	0.1 ppm	100 ppm
Co	0.1 ppm	2000 ppm	Se	0.5 ppm	1000 ppm
Cr *	1 ppm	10000 ppm	Sr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm	Te	1 ppm	2000 ppm
Fe *	0.01%	40 %	Th *	0.1 ppm	2000 ppm
Ga *	1 ppm	1000 ppm	Ti *	0.001%	10 %
Hg	0.01 ppm	100 ppm	Tl	0.1 ppm	1000 ppm
K *	0.01%	10 %	U *	0.1 ppm	2000 ppm
La *	1 ppm	10000 ppm	V *	2 ppm	10000 ppm
Mg *	0.01%	30 %	W *	0.1 ppm	100 ppm
			Zn	1 ppm	10000 ppm

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 Liability is limited to the analytical cost for analyses.*

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

S21332

December 05, 2006

Report No:

Date:

**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS100	0.1	1.35	1.9	1.5	1	74	0.1	0.12	0.1	5.0	14.0	10.5	1.98	4	0.02	0.04	7	0.19	358	0.6	0.016	7.7	0.088
06BWS101	0.1	2.45	1.7	0.9	1	62	0.1	0.08	0.2	4.9	11.0	12.2	1.87	7	0.03	0.03	6	0.17	315	0.8	0.023	6.2	0.159
06BWS102	<1	1.23	1.7	0.8	2	108	0.1	0.33	0.1	4.2	13.0	12.5	1.21	6	0.03	0.05	7	0.20	176	0.8	0.027	8.6	0.040
06BWS103	<1	1.48	2.6	0.7	3	79	0.1	0.19	0.1	6.9	25.0	24.9	1.92	5	0.03	0.07	4	0.36	161	0.6	0.018	15.0	0.059
06BWS104	<1	1.29	0.9	1.3	1	48	0.1	0.15	<1	3.4	10.0	8.8	1.34	4	0.02	0.02	6	0.12	92	0.4	0.020	6.2	0.046
06BWS105	<1	1.06	<5	0.6	<1	76	0.1	0.21	<1	3.5	14.0	8.0	1.23	4	0.02	0.03	5	0.23	113	0.3	0.022	7.5	0.014
06BWS106	<1	1.27	1.2	0.6	<1	81	0.1	0.17	0.1	4.3	13.0	11.0	1.59	5	0.02	0.04	5	0.19	142	1.2	0.019	7.4	0.031
06BWS107	<1	1.16	0.8	0.7	1	71	0.1	0.10	<1	2.5	9.0	6.8	1.19	5	0.02	0.03	7	0.09	48	0.5	0.015	4.2	0.046
06BWS108	<1	1.67	1.4	0.8	<1	55	0.1	0.09	<1	3.6	12.0	9.9	1.54	5	0.03	0.03	6	0.13	80	0.6	0.017	7.7	0.070
06BWS109	0.3	5.38	3.2	<5	<1	482	0.3	0.78	0.1	9.6	35.0	39.6	4.31	13	0.03	0.15	44	0.50	986	1.5	0.030	20.7	0.037
06BWS110	<1	1.86	1.2	0.5	<1	60	0.1	0.11	<1	4.3	12.0	9.6	1.64	7	0.02	0.03	5	0.15	102	0.6	0.018	7.7	0.079
06BWS111	<1	2.26	1.7	1.0	<1	75	0.1	0.12	0.1	6.0	17.0	16.0	1.98	7	0.02	0.04	9	0.25	165	0.8	0.018	10.9	0.067
06BWS112	<1	2.47	1.9	1.1	1	151	0.1	0.20	0.1	7.3	22.0	25.4	2.22	7	0.02	0.06	10	0.30	188	0.5	0.020	15.7	0.063
06BWS113	0.1	2.08	2.0	0.5	1	117	0.1	0.24	0.1	7.6	22.0	17.8	2.11	7	0.03	0.06	7	0.31	305	0.8	0.019	14.9	0.113
06BWS114	0.1	1.97	1.6	0.7	2	128	0.1	0.19	0.1	5.7	17.0	14.6	1.95	6	0.03	0.05	8	0.26	167	0.5	0.019	11.5	0.090
06BWS115	0.1	1.52	0.6	0.9	1	128	0.1	0.27	0.1	2.6	10.0	8.1	1.05	6	0.06	0.03	8	0.15	50	0.7	0.020	4.9	0.041
06BWS116	0.1	1.99	0.9	2.5	2	317	0.1	0.42	<1	2.2	13.0	45.9	1.03	5	0.04	0.01	31	0.12	27	0.3	0.037	11.8	0.038
06BWS117	<1	0.88	0.5	1.2	1	43	0.1	0.37	<1	1.1	5.0	13.8	0.41	4	0.03	0.01	9	0.08	34	0.2	0.036	2.6	0.083
06BWS118	0.4	0.52	0.7	1.2	4	123	0.1	1.18	0.2	0.5	7.0	30.9	0.88	1	0.07	0.02	10	0.06	114	1.8	0.018	4.3	0.078
06BWS119	0.2	0.23	1.0	1.5	2	127	<1	2.24	0.2	1.1	9.0	12.7	0.38	<1	0.07	0.03	3	0.07	81	4.9	0.030	3.4	0.088
06BWS120	0.7	1.71	1.2	0.9	1	101	0.1	0.24	0.2	4.7	14.0	11.9	1.65	6	0.03	0.05	8	0.19	282	1.4	0.018	7.7	0.089
06BWS121	0.3	1.13	1.3	1.2	1	61	0.1	0.11	0.1	3.8	10.0	8.6	1.45	4	0.02	0.03	5	0.14	202	0.5	0.016	5.6	0.067
06BWS122	0.4	1.45	1.3	<5	3	88	0.1	0.26	0.3	6.2	17.0	12.5	1.91	5	0.02	0.04	9	0.28	239	0.6	0.018	10.9	0.025
06BWS123	0.2	1.93	1.2	0.8	2	118	0.2	0.11	0.1	4.7	10.0	10.9	1.79	7	0.04	0.04	9	0.16	317	0.7	0.022	7.2	0.069
06BWS124	0.3	1.45	0.9	0.8	1	73	0.1	0.12	0.2	4.6	9.0	8.0	1.48	5	0.02	0.04	11	0.20	409	0.8	0.014	6.4	0.085
06BWS125	0.7	2.17	1.3	<5	<1	203	0.3	0.53	0.3	6.5	21.0	24.2	1.91	6	0.02	0.07	28	0.30	407	2.3	0.021	10.5	0.040
06BWS125 Re	0.7	2.15	1.4	<5	1	195	0.2	0.53	0.3	6.4	20.0	24.2	1.93	6	0.03	0.06	27	0.30	402	2.5	0.021	10.1	0.038
06BWS126	0.2	1.09	0.6	0.6	1	108	0.1	0.22	0.1	3.1	8.0	5.9	1.18	4	0.01	0.03	10	0.13	114	1.7	0.019	4.3	0.014
06BWS127	0.3	1.62	1.0	0.7	2	117	0.1	0.09	0.1	4.3	8.0	8.7	1.88	6	0.02	0.05	8	0.14	228	2.0	0.016	4.7	0.041
06BWS128	0.3	1.74	1.0	<5	1	93	0.1	0.11	0.2	4.0	8.0	7.8	1.64	5	0.02	0.05	8	0.12	340	0.9	0.014	5.7	0.058
06BWS129	0.3	1.13	0.9	3.3	<1	88	0.1	0.12	0.1	3.3	8.0	6.8	1.41	5	0.01	0.03	8	0.10	114	0.7	0.016	4.7	0.048
06BWS130	0.1	0.71	<5	<5	<1	65	0.1	0.13	<1	1.6	6.0	4.0	0.77	3	0.01	0.02	5	0.10	54	1.0	0.016	2.5	0.015
06BWS131	0.3	1.47	1.2	<5	1	114	0.2	0.15	0.4	3.6	6.0	5.7	1.45	6	0.04	0.04	7	0.10	718	0.8	0.017	3.3	0.190
06BWS132	0.3	1.40	1.3	3.5	1	116	0.1	0.16	0.5	3.8	9.0	10.7	1.51	4	0.02	0.05	8	0.14	536	1.2	0.016	5.8	0.092
Std D57	0.8	0.93	48.6	66.9	39	365	4.2	0.88	6.2	9.1	161.0	101.8	2.26	4	0.19	0.42	11	1.01	608	19.9	0.078	52.7	0.079

*MJK*

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Page 1 of 12

Signed:

Mark Acres - Quality Assurance



**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
 Date: December 05, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS133	0.3	1.15	1.0	<5	1	100	0.1	0.12	0.1	3.5	7.0	6.1	1.35	4	0.02	0.04	8	0.12	240	1.0	0.014	5.1	0.082
06BWS134	0.4	1.37	1.2	<5	1	137	0.1	0.17	0.2	3.7	7.0	6.4	1.49	5	0.03	0.04	7	0.11	276	0.6	0.020	5.4	0.100
06BWS135	0.3	1.12	0.8	11832	1	127	0.1	0.13	0.1	3.8	9.0	7.5	1.51	4	0.01	0.05	9	0.11	246	0.6	0.018	5.9	0.056
06BWS136	0.2	1.19	1.7	<5	1	102	0.1	0.16	0.2	3.9	10.0	7.3	1.55	4	0.02	0.05	9	0.14	325	0.9	0.017	5.0	0.088
06BWS137	0.4	1.11	1.5	<5	<1	162	0.1	0.16	0.1	3.3	9.0	8.4	1.54	4	0.02	0.04	12	0.14	80	1.7	0.019	5.4	0.024
06BWS138	0.1	1.68	2.2	1.6	<1	68	0.1	0.12	0.1	4.7	12.0	13.2	1.55	5	0.02	0.03	5	0.17	463	0.7	0.020	8.0	0.126
06BWS139	0.4	1.52	1.6	<5	<1	84	0.1	0.12	0.3	4.4	9.0	7.0	1.59	5	0.03	0.04	6	0.12	366	0.7	0.018	6.6	0.109
06BWS140	0.2	1.74	2.6	9.3	1	104	0.1	0.16	0.2	6.0	14.0	17.2	1.74	5	0.02	0.04	5	0.22	485	0.7	0.023	10.2	0.101
06BWS141	0.1	1.41	2.1	1.1	<1	53	0.1	0.15	0.1	4.3	12.0	13.5	1.48	4	0.02	0.03	7	0.16	215	0.9	0.020	7.8	0.105
06BWS142	0.2	0.95	1.3	<5	<1	127	0.1	0.24	0.1	3.4	11.0	7.5	1.58	3	0.01	0.05	13	0.16	186	0.4	0.020	5.1	0.023
06BWS143	0.2	1.34	1.1	<5	<1	132	0.1	0.20	0.1	3.5	9.0	6.7	1.52	5	0.01	0.04	9	0.13	128	0.3	0.019	5.8	0.072
06BWS144	0.1	1.21	1.2	<5	<1	128	0.1	0.31	0.1	4.0	9.0	7.0	1.44	5	0.01	0.06	11	0.15	307	0.5	0.017	4.7	0.051
06BWS145	0.2	2.01	2.8	1.0	<1	105	0.1	0.18	0.1	5.5	16.0	18.6	2.06	5	0.02	0.05	15	0.22	261	0.8	0.016	9.7	0.091
06BWS146	0.2	1.20	1.5	<5	<1	132	0.1	0.16	0.1	4.2	12.0	7.5	1.66	4	0.01	0.03	8	0.12	216	0.5	0.015	5.8	0.075
06BWS147	0.2	1.23	0.7	10.3	<1	121	0.1	0.19	0.1	2.6	8.0	5.9	1.24	4	0.02	0.04	11	0.11	83	0.3	0.018	4.5	0.031
06BWS148	2.2	3.53	1.7	3.5	<1	618	0.2	1.39	0.1	3.0	16.0	64.2	1.30	9	0.19	0.11	108	0.24	274	0.6	0.020	10.4	0.178
06BWS149	0.2	0.71	2.5	0.9	<1	57	0.1	0.15	<1	1.4	7.0	4.4	0.87	3	0.01	0.02	6	0.08	45	0.3	0.015	2.7	0.016
06BWS150	0.1	0.80	0.7	0.8	<1	84	0.1	0.18	0.1	2.3	6.0	5.8	1.10	3	0.01	0.03	13	0.12	89	0.3	0.017	3.4	0.035
06BWS151	0.3	1.38	2.0	0.9	<1	82	0.1	0.11	<1	4.1	10.0	9.7	1.64	4	0.02	0.03	5	0.12	218	0.4	0.015	5.6	0.103
06BWS152	0.1	1.94	2.2	0.7	<1	81	0.1	0.15	0.1	6.8	17.0	20.1	2.20	6	0.02	0.04	5	0.28	336	0.5	0.022	13.3	0.098
06BWS153	0.1	1.54	2.2	0.7	<1	198	0.1	0.14	0.2	5.1	12.0	12.0	1.78	5	0.02	0.03	5	0.17	370	0.5	0.021	7.6	0.108
06BWS154	0.1	1.72	2.8	1.1	<1	83	0.1	0.16	0.1	6.0	16.0	21.9	1.88	5	0.02	0.04	6	0.30	415	0.6	0.021	11.5	0.101
06BWS155	<1	1.14	2.3	0.8	<1	76	0.1	0.23	0.1	5.5	15.0	18.5	1.90	4	0.02	0.05	5	0.24	292	0.3	0.018	9.3	0.095
06BWS156	0.1	1.85	3.8	1.2	<1	64	0.1	0.16	0.1	5.8	14.0	19.2	1.83	5	0.04	0.04	5	0.26	536	1.1	0.019	9.9	0.128
06BWS157	0.1	1.80	2.5	1.1	<1	67	0.1	0.16	0.1	5.2	12.0	17.3	1.81	5	0.03	0.03	5	0.21	430	0.6	0.022	9.4	0.124
06BWS158	0.2	1.24	1.8	0.6	<1	92	0.1	0.20	0.1	6.2	15.0	13.2	1.84	5	0.03	0.05	5	0.23	309	0.5	0.019	10.9	0.107
06BWS159	0.2	1.72	2.4	1.0	<1	109	0.1	0.21	0.3	5.5	12.0	18.1	1.58	5	0.03	0.04	6	0.24	514	0.6	0.023	10.1	0.110
06BWS160	0.2	1.55	2.1	<5	<1	135	0.1	0.24	0.1	5.9	15.0	19.8	1.78	5	0.01	0.06	14	0.24	213	0.6	0.029	10.5	0.015
06BWS161	0.2	1.45	1.6	2.7	<1	81	0.1	0.18	0.1	4.5	12.0	13.3	1.58	5	0.02	0.04	7	0.15	205	0.3	0.022	8.8	0.120
06BWS162	<1	0.81	1.3	0.5	<1	50	0.1	0.17	0.1	2.6	10.0	5.9	1.43	3	0.02	0.03	4	0.07	105	0.3	0.015	4.6	0.072
06BWS163	0.1	0.82	<5	0.6	<1	54	<1	0.18	0.1	1.4	6.0	3.7	0.82	3	0.01	0.04	9	0.08	55	0.2	0.015	2.6	0.010
06BWS164	0.1	0.87	0.9	<5	<1	90	0.1	0.14	0.1	2.9	9.0	6.9	1.35	3	0.01	0.03	9	0.10	86	0.3	0.016	5.0	0.026
06BWS164 Re	0.1	0.94	0.9	0.7	<1	88	0.1	0.14	0.1	3.0	9.0	6.8	1.34	3	0.02	0.03	9	0.11	84	0.2	0.017	5.4	0.028
06BWS165	0.1	1.06	1.2	<5	<1	78	0.1	0.11	0.1	3.2	8.0	6.4	1.36	4	0.01	0.03	6	0.10	125	0.4	0.016	5.7	0.056
Std DS7	0.8	0.94	49.3	50.8	33	362	3.9	0.90	6.2	9.1	160.0	103.5	2.28	5	0.19	0.43	11	1.02	617	20.7	0.078	53.5	0.079

*[Handwritten Signature]*

Signed: \_\_\_\_\_ Mark Acres - Quality Assurance

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
Date: December 05, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
Project: 06SWS001

Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS166	0.1	0.89	0.7	1.5	<1	64	0.1	0.12	<1	2.8	7.0	6.3	1.10	4	0.01	0.03	5	0.11	74	0.2	0.022	4.4	0.018
06BWS167	0.2	1.08	0.8	<5	2	78	0.1	0.15	0.1	3.5	8.0	6.0	1.33	4	0.01	0.04	7	0.14	167	0.3	0.020	4.6	0.028
06BWS167 Re	0.2	1.10	0.7	<5	<1	81	0.1	0.16	0.1	3.8	9.0	6.2	1.41	4	0.01	0.05	8	0.14	173	0.4	0.020	5.0	0.028
06BWS168	0.4	1.73	1.3	0.8	<1	137	0.1	0.18	0.1	4.9	9.0	8.9	1.59	5	0.02	0.07	10	0.17	206	0.6	0.020	7.4	0.066
06BWS168	0.2	1.55	1.3	<5	1	110	0.1	0.16	0.1	4.8	9.0	9.0	1.55	5	0.02	0.07	8	0.16	446	0.7	0.020	7.2	0.094
06BWS170	0.4	1.32	1.1	<5	1	86	0.1	0.12	0.1	4.2	9.0	5.9	1.54	4	0.02	0.05	9	0.15	129	0.7	0.016	5.1	0.058
06BWS171	0.1	1.21	0.9	<5	<1	103	0.1	0.19	<1	3.0	7.0	7.7	1.04	4	0.01	0.03	12	0.11	115	0.3	0.024	4.8	0.021
06BWS172	<1	1.00	1.3	<5	<1	70	0.1	0.12	<1	3.1	8.0	7.2	1.28	4	0.01	0.03	8	0.09	70	0.3	0.015	4.6	0.046
06BWS173	<1	1.21	1.2	<5	<1	87	0.1	0.12	<1	3.5	7.0	6.2	1.17	4	0.02	0.02	5	0.07	38	0.6	0.017	4.9	0.028
06BWS174	<1	1.26	1.4	<5	1	95	0.1	0.14	<1	3.7	9.0	10.0	1.49	4	0.01	0.05	7	0.11	82	0.4	0.015	6.4	0.049
06BWS175	<1	1.12	0.8	0.5	<1	74	0.1	0.14	<1	3.1	8.0	6.0	1.22	4	0.01	0.02	6	0.11	81	0.5	0.017	4.5	0.036
06BWS176	<1	1.25	0.6	0.8	<1	66	0.1	0.14	<1	3.4	8.0	6.6	1.32	5	0.01	0.03	4	0.12	83	0.3	0.022	5.3	0.031
06BWS177	<1	0.99	0.5	<5	<1	83	0.1	0.19	0.1	3.2	11.0	5.3	1.13	4	0.01	0.03	5	0.17	96	0.4	0.022	5.7	0.014
06BWS178	0.1	1.06	0.6	0.9	1	81	0.1	0.17	<1	3.2	9.0	5.6	1.13	4	0.01	0.03	6	0.14	145	0.6	0.023	4.6	0.021
06BWS179	0.1	1.16	0.7	<5	<1	69	0.1	0.13	0.1	2.6	7.0	6.0	1.03	5	0.01	0.03	6	0.12	79	0.3	0.021	4.8	0.032
06BWS180	0.3	1.28	0.9	<5	1	109	0.1	0.13	0.2	4.3	9.0	7.4	1.56	5	0.02	0.04	8	0.13	242	0.5	0.018	5.4	0.077
06BWS181	0.3	1.28	1.0	1.7	2	81	0.1	0.11	0.1	3.6	9.0	7.4	1.35	4	0.02	0.03	7	0.11	182	0.5	0.017	6.2	0.068
06BWS182	0.2	1.07	0.9	0.6	<1	87	0.1	0.16	0.1	3.5	9.0	9.8	1.35	4	0.01	0.04	12	0.14	179	0.4	0.018	5.8	0.028
06BWS183	0.2	1.17	1.1	<5	<1	75	0.1	0.13	0.1	3.5	8.0	8.0	1.35	4	0.01	0.04	9	0.12	108	0.7	0.015	5.4	0.056
06BWS184	0.6	1.24	0.9	<5	<1	152	0.1	0.19	0.2	3.3	9.0	6.4	1.36	4	0.01	0.04	8	0.13	105	0.5	0.016	5.2	0.048
06BWS185	0.2	1.06	1.1	<5	1	67	0.1	0.11	0.2	3.0	8.0	5.8	1.21	4	0.01	0.03	9	0.11	161	0.5	0.013	4.4	0.048
06BWS186	0.3	1.49	1.2	0.8	<1	74	0.1	0.12	0.2	3.1	8.0	6.7	1.30	4	0.03	0.03	7	0.09	100	0.7	0.016	4.1	0.065
06BWS187	0.9	2.50	0.9	<5	<1	270	0.2	0.41	0.7	3.3	17.0	29.7	1.75	7	0.02	0.07	21	0.27	219	1.2	0.027	9.3	0.029
06BWS188	0.2	0.78	<5	6.6	<1	77	0.1	0.17	0.2	2.4	8.0	6.1	1.01	3	0.01	0.02	8	0.12	132	0.4	0.017	4.2	0.017
06BWS189	0.3	1.28	0.7	<5	2	110	0.1	0.23	0.1	4.5	10.0	8.3	1.24	4	0.01	0.04	7	0.19	149	0.4	0.023	6.3	0.030
06BWS190	0.2	0.80	0.5	140.3	1	64	0.1	0.16	<1	3.1	9.0	6.7	1.10	3	0.01	0.02	5	0.12	172	0.4	0.014	3.9	0.029
06BWS191	<1	1.38	0.8	<5	1	78	0.1	0.30	<1	5.4	12.0	22.7	1.45	4	0.02	0.04	6	0.34	141	0.6	0.029	6.2	0.041
06BWS192	<1	1.34	0.6	<5	1	83	0.1	0.27	0.1	4.6	10.0	11.9	1.21	6	0.02	0.03	8	0.15	312	0.7	0.020	5.1	0.044
06BWS193	<1	1.23	0.5	<5	1	77	0.1	0.20	<1	2.8	10.0	8.6	0.85	5	0.02	0.03	6	0.15	73	0.4	0.020	4.0	0.025
06BWS194	<1	0.93	<5	<5	<1	54	0.1	0.12	<1	2.1	8.0	5.0	0.49	4	0.03	0.02	5	0.16	56	0.2	0.016	4.5	0.013
06BWS195	<1	0.95	0.5	1.7	1	69	0.1	0.27	0.1	1.4	11.0	14.8	0.39	3	0.07	0.03	9	0.10	38	0.5	0.017	4.6	0.089
06BWS196	0.2	1.03	1.5	<5	1	138	0.1	0.70	0.3	3.5	11.0	17.4	0.90	4	0.05	0.04	10	0.16	76	1.2	0.021	5.7	0.052
06BWS197	<1	1.54	1.2	<5	1	67	0.1	0.18	<1	5.5	14.0	13.7	1.58	5	0.02	0.05	5	0.20	178	0.5	0.017	9.4	0.075
06BWS198	<1	1.21	1.1	2.2	3	43	0.1	0.12	<1	3.5	10.0	9.8	1.37	4	0.02	0.03	4	0.10	215	0.5	0.015	4.9	0.067
Std DS7	0.8	0.96	48.3	53.1	40	367	4.2	0.88	6.2	9.4	165.0	104.3	2.38	4	0.19	0.43	12	1.03	621	20.3	0.078	54.5	0.078

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:

Mark Acres - Quality Assurance

**TSL LABORATORIES INC.**

**APEX Geoscience Ltd.**

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Attention: M. Dufresne

Tel: (306) 931-1033 Fax: (306) 242-4717

Project: 06SWS001

Sample: 180 Soil

Report No: S21332

Date: December 05, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS198	<1	1.48	1.6	2.8	1	51	0.1	0.13	<1	4.2	12.0	11.7	1.57	4	0.02	0.03	5	0.14	156	0.5	0.018	7.3	0.063
06BWS200	0.1	2.24	1.1	0.7	3	247	0.1	0.27	0.1	4.5	20.0	13.9	1.19	6	0.03	0.05	10	0.23	231	1.4	0.032	9.2	0.031
06BWS201	0.2	1.49	1.9	4.8	1	112	0.4	0.16	0.1	5.4	14.0	25.9	1.86	5	0.02	0.06	10	0.22	183	0.3	0.018	8.5	0.051
06BWS202	0.2	1.37	1.4	<5	1	67	0.1	0.11	0.1	4.9	10.0	7.5	1.73	6	0.02	0.05	5	0.15	112	0.6	0.017	7.2	0.068
06BWS203	<1	1.78	1.8	1.0	1	130	0.2	0.24	0.1	5.4	12.0	15.1	1.91	5	0.02	0.05	8	0.24	358	0.8	0.017	8.0	0.050
06BWS204	0.2	1.56	1.5	1.6	2	81	0.2	0.15	0.1	4.3	11.0	11.9	1.55	5	0.03	0.04	6	0.17	251	0.6	0.019	7.8	0.086
06BWS205	0.1	0.88	1.2	1.0	<1	80	0.1	0.15	0.1	2.5	7.0	7.2	1.22	4	0.01	0.03	7	0.10	63	0.5	0.016	3.4	0.016
06BWS206	<1	1.01	0.9	0.9	1	85	0.2	0.22	<1	3.3	8.0	10.1	1.15	4	0.01	0.04	8	0.15	151	0.4	0.021	4.3	0.017
06BWS207	0.2	1.48	1.8	7.0	<1	108	0.2	0.22	0.1	5.1	12.0	14.3	1.93	5	0.01	0.05	9	0.18	229	0.4	0.018	7.1	0.076
06BWS208	0.2	1.91	2.3	0.9	2	95	0.2	0.17	0.2	5.3	11.0	15.4	2.02	6	0.03	0.04	6	0.21	791	0.6	0.020	6.9	0.115
06BWS209	0.4	2.01	1.9	0.5	<1	104	0.2	0.26	0.1	5.8	10.0	14.7	2.04	6	0.02	0.06	9	0.19	489	1.3	0.020	7.3	0.065
06BWS210	0.3	1.98	1.6	<5	1	99	0.1	0.16	0.1	5.5	11.0	13.4	1.85	5	0.02	0.04	7	0.22	633	0.7	0.020	7.3	0.107
06BWS211	0.4	1.38	1.3	3.3	1	102	0.1	0.16	<1	4.7	9.0	9.8	1.79	6	0.02	0.04	7	0.16	286	0.8	0.017	5.2	0.050
06BWS212	2.0	2.92	2.0	3.9	1	150	0.2	0.50	<1	3.8	14.0	39.6	1.90	7	0.03	0.05	52	0.24	143	0.9	0.028	8.0	0.017
06BWS213	0.5	2.02	1.8	1.4	<1	135	0.1	0.18	0.1	4.7	8.0	11.1	1.98	6	0.02	0.05	13	0.19	661	0.9	0.017	4.5	0.063
06BWS214	0.1	2.04	1.7	1.0	<1	109	0.1	0.14	0.3	4.7	7.0	12.0	1.84	6	0.03	0.05	8	0.18	975	0.8	0.018	5.2	0.102
06BWS215	0.1	1.83	2.2	1.1	<1	113	0.1	0.12	0.1	4.2	6.0	7.3	1.75	5	0.02	0.05	8	0.16	812	1.1	0.015	4.3	0.098
06BWS216	0.7	1.86	3.9	5.5	1	170	0.1	0.23	0.1	4.6	7.0	8.3	2.20	6	0.02	0.06	11	0.16	246	1.2	0.020	5.0	0.028
06BWS217	0.1	1.53	1.9	1.2	1	76	0.1	0.16	0.2	4.0	7.0	8.6	1.81	5	0.02	0.05	7	0.16	635	0.7	0.018	4.4	0.096
06BWS218	0.9	1.32	1.5	767.1	2	358	0.1	0.17	0.2	4.0	6.0	8.2	1.79	5	0.01	0.06	7	0.16	568	0.7	0.016	3.9	0.053
06BWS219	0.6	1.40	2.2	0.8	<1	99	0.1	0.14	0.2	4.1	7.0	8.5	1.60	5	0.02	0.04	8	0.14	436	1.0	0.017	5.0	0.076
06BWS220	0.6	1.21	1.9	<5	1	96	0.1	0.17	0.2	3.6	6.0	7.3	1.59	4	0.01	0.07	8	0.15	454	1.1	0.014	3.4	0.054
06BWS221	0.4	1.40	1.9	<5	<1	89	0.1	0.17	0.2	4.8	11.0	10.2	1.91	5	0.02	0.05	6	0.17	593	0.9	0.015	8.0	0.068
06BWS222	1.1	1.29	4.5	2.4	<1	113	0.1	0.18	0.2	4.8	8.0	8.8	1.57	4	0.03	0.07	8	0.15	715	1.1	0.016	5.5	0.114
06BWS223	0.5	1.01	0.7	1.3	1	118	0.1	0.19	<1	3.2	7.0	6.5	1.36	4	0.01	0.05	7	0.12	143	0.4	0.021	3.6	0.017
06BWS224	0.3	1.52	1.3	<5	1	95	0.1	0.13	0.1	4.7	11.0	11.5	1.79	5	0.02	0.04	6	0.17	313	0.4	0.020	7.3	0.064
06BWS225	0.3	1.08	1.1	1.0	2	91	0.1	0.18	0.1	4.6	11.0	9.8	1.63	4	0.02	0.04	5	0.17	323	0.5	0.017	6.8	0.076
06BWS226	0.1	1.03	0.6	<5	<1	61	0.1	0.22	<1	5.0	14.0	10.6	1.34	5	0.01	0.05	4	0.25	165	0.4	0.020	8.3	0.048
06BWS226 Re	0.2	1.05	0.6	1.5	1	64	0.1	0.20	<1	4.8	13.0	10.0	1.26	4	0.01	0.04	4	0.24	150	0.4	0.019	8.1	0.048
06BWS227	1.3	3.43	1.4	1.3	<1	242	0.3	0.59	0.1	6.4	28.0	36.7	2.48	9	0.03	0.11	18	0.38	399	1.4	0.026	18.1	0.056
06BWS228	0.2	1.45	0.7	1.1	<1	137	0.2	0.30	<1	3.7	13.0	13.5	1.41	4	0.01	0.03	12	0.23	94	0.2	0.029	7.0	0.013
06BWS229	0.3	1.74	1.0	<5	1	89	0.1	0.18	0.1	6.1	23.0	8.6	1.89	6	0.01	0.06	8	0.31	308	1.1	0.020	11.9	0.060
06BWS230	0.3	1.73	1.0	2.7	1	73	0.2	0.27	0.2	6.3	15.0	13.7	1.87	6	0.01	0.05	8	0.29	198	0.7	0.019	10.3	0.038
06BWS231	0.2	1.67	1.3	<5	1	74	0.1	0.22	0.1	6.4	16.0	14.8	1.76	5	0.02	0.05	5	0.29	264	0.4	0.019	10.0	0.109
Std DS7	0.8	0.97	48.8	52.9	41	365	4.3	0.93	6.3	9.4	164.0	104.3	2.33	5	0.19	0.44	12	1.03	616	20.1	0.080	54.1	0.080

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Page 4 of 12

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Mark Acres - Quality Assurance

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Report No: S21332  
Date: December 05, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
Project: 06SWS001

Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS232	0.3	1.63	1.3	8.7	<1	104	0.1	0.19	0.1	4.5	10.0	9.7	1.65	5	0.02	0.05	8	0.22	311	0.5	0.016	5.9	0.061
06BWS233	0.2	1.24	0.9	0.9	1	57	0.1	0.16	0.1	4.9	12.0	11.8	1.57	4	0.01	0.03	5	0.20	290	0.4	0.017	7.1	0.061
06BWS234	0.1	2.34	1.6	6.5	2	94	0.1	0.18	0.1	6.5	15.0	19.2	1.81	7	0.03	0.05	7	0.28	289	0.6	0.021	10.2	0.103
06BWS235	<1	1.86	1.5	1.6	1	70	0.1	0.21	0.1	6.2	14.0	17.2	1.75	6	0.02	0.04	6	0.29	388	0.4	0.021	9.0	0.083
06BWS236	0.4	1.65	1.2	1.8	1	106	0.1	0.23	0.1	5.4	13.0	12.8	1.69	5	0.02	0.05	9	0.22	282	0.4	0.017	7.5	0.085
06BWS237	0.4	1.22	1.4	4.0	1	63	0.1	0.20	0.1	3.9	11.0	10.6	1.53	4	0.03	0.04	8	0.18	113	0.6	0.014	5.2	0.103
06BWS238	0.3	0.90	1.3	1.0	<1	56	0.1	0.16	<1	2.9	9.0	7.8	1.34	3	0.02	0.04	8	0.12	75	0.6	0.013	4.6	0.033
06BWS239	0.3	1.18	1.4	0.9	1	70	0.1	0.15	0.1	4.3	11.0	9.5	1.51	4	0.02	0.03	7	0.16	183	0.5	0.017	6.7	0.066
06BWS240	0.2	1.34	1.1	0.5	<1	69	0.1	0.17	0.1	5.8	13.0	14.1	1.62	5	0.02	0.04	4	0.21	339	0.6	0.017	8.0	0.085
06BWS241	0.3	1.40	1.4	1.9	<1	69	0.1	0.14	0.1	4.5	11.0	11.7	1.61	5	0.03	0.04	6	0.17	229	0.5	0.017	6.6	0.087
06BWS242	0.2	1.50	1.5	0.9	3	99	0.1	0.17	<1	4.5	12.0	14.0	1.56	5	0.02	0.04	7	0.23	136	0.6	0.020	8.0	0.084
06BWS243	3.7	5.63	2.7	3.3	<1	519	0.2	1.16	0.6	8.1	32.0	81.6	3.36	12	0.10	0.14	70	0.45	866	2.0	0.025	24.9	0.103
06BWS244	0.2	1.46	1.6	1.7	<1	63	0.1	0.12	<1	4.1	11.0	10.3	1.50	4	0.02	0.03	6	0.16	293	0.5	0.015	6.2	0.085
06BWS245	0.4	1.81	1.4	1.4	<1	122	0.1	0.16	0.1	4.8	12.0	14.4	1.63	5	0.03	0.04	7	0.20	179	0.5	0.018	7.1	0.102
06BWS246	0.2	0.95	1.3	0.8	<1	92	0.1	0.17	<1	4.2	13.0	11.0	1.46	3	0.01	0.03	6	0.19	184	0.3	0.015	6.3	0.082
06BWS247	0.2	1.43	1.1	11.1	<1	229	0.1	0.31	0.1	4.8	17.0	20.6	1.73	4	0.02	0.06	12	0.19	289	0.5	0.025	9.5	0.011
06BWS248	<1	1.19	1.5	<5	<1	121	0.1	0.21	<1	4.5	12.0	11.4	1.54	4	0.01	0.06	6	0.16	283	0.3	0.016	7.9	0.079
06BWS249	0.2	0.90	1.0	19.0	<1	130	0.1	0.24	0.1	3.9	14.0	12.4	1.39	3	0.01	0.05	9	0.20	183	0.2	0.019	7.0	0.018
06BWS249 Re	0.2	0.92	0.8	<5	<1	130	0.1	0.24	<1	3.9	14.0	12.6	1.37	3	0.01	0.05	10	0.18	184	0.2	0.019	6.8	0.019
06BWS250	0.2	1.59	2.3	35.5	<1	159	0.1	0.23	0.1	6.7	21.0	21.3	2.19	5	0.01	0.06	6	0.28	299	0.5	0.020	11.7	0.104
06BWS251	0.3	1.75	1.3	0.5	1	206	0.2	0.19	0.8	6.4	12.0	10.7	2.20	6	0.02	0.09	7	0.23	861	1.0	0.018	7.6	0.099
06BWS252	0.1	1.29	1.2	<5	<1	130	0.1	0.21	0.1	4.5	11.0	10.1	1.56	5	0.01	0.05	6	0.17	601	0.4	0.016	7.8	0.111
06BWS253	0.1	1.27	1.2	0.6	<1	102	0.1	0.19	0.1	5.5	14.0	10.8	1.71	4	0.02	0.04	6	0.19	298	0.5	0.015	8.8	0.097
06BWS254	0.2	1.43	1.4	1.2	<1	97	0.1	0.15	0.1	4.8	10.0	14.4	1.65	4	0.02	0.03	7	0.16	368	0.8	0.018	6.9	0.080
06BWS255	0.2	1.77	1.6	0.8	<1	175	0.1	0.33	0.1	5.3	14.0	16.1	1.81	6	0.02	0.05	14	0.23	432	0.6	0.027	10.4	0.022
06BWS256	0.1	0.90	0.9	<5	<1	61	0.1	0.13	0.1	3.8	8.0	5.6	1.59	4	0.01	0.04	7	0.14	172	0.4	0.013	5.4	0.075
06BWS257	0.1	1.12	1.0	0.8	<1	64	0.1	0.17	0.1	4.4	12.0	8.9	1.34	4	0.02	0.03	5	0.16	229	0.4	0.019	8.0	0.078
06BWS258	0.1	1.36	1.5	1.6	<1	94	0.1	0.21	0.1	5.2	16.0	11.5	1.47	5	0.02	0.05	5	0.20	165	0.7	0.018	10.8	0.102
06BWS259	<1	0.87	0.6	0.6	1	79	0.1	0.19	<1	3.2	9.0	7.7	1.29	4	0.01	0.03	7	0.13	110	0.3	0.019	4.9	0.029
06BWS260	0.1	1.56	0.8	0.6	<1	134	0.1	0.38	<1	5.7	15.0	14.6	1.64	5	0.02	0.04	14	0.26	328	1.3	0.030	8.2	0.017
06BWS261	<1	1.13	1.0	1.3	<1	53	0.1	0.11	0.1	3.6	9.0	7.2	1.29	4	0.02	0.02	5	0.10	173	0.5	0.016	4.8	0.079
06BWS262	<1	1.10	1.1	0.8	<1	55	0.1	0.13	<1	4.5	11.0	10.6	1.42	4	0.01	0.03	5	0.16	149	0.5	0.016	7.7	0.068
06BWS263	0.3	1.02	1.1	0.8	<1	100	0.1	0.14	<1	3.4	8.0	7.5	1.34	4	0.01	0.03	6	0.10	130	1.1	0.014	4.8	0.066
06BWS264	0.1	1.05	1.1	0.5	<1	97	0.1	0.14	0.2	3.6	10.0	7.2	1.52	4	0.02	0.04	6	0.11	228	0.6	0.014	4.7	0.065
Std DS7	0.8	0.92	49.4	55.3	39	370	4.1	0.93	6.3	9.3	168.0	103.5	2.34	5	0.19	0.45	12	1.02	606	20.8	0.074	52.7	0.080

*M.A.K.*

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
 Date: December 05, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001

Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS265	0.4	3.05	1.2	1.3	1	442	0.5	0.53	0.8	5.2	15.0	30.9	2.43	7	0.03	0.10	41	0.21	477	1.9	0.017	10.9	0.034
06BWS265 Re	0.3	2.85	1.2	1.6	1	434	0.5	0.55	0.9	5.3	17.0	30.9	2.47	7	0.03	0.11	40	0.21	470	2.5	0.017	11.2	0.032
06BWS266	0.3	2.05	1.6	1.0	1	287	0.1	0.24	0.1	4.6	11.0	11.0	1.63	6	0.02	0.05	10	0.16	198	0.5	0.019	7.4	0.055
06BWS267	0.9	2.86	0.8	2.1	2	288	0.2	0.59	0.2	3.7	14.0	29.4	1.41	7	0.03	0.06	24	0.27	146	0.7	0.036	9.3	0.046
06BWS268	0.2	1.00	1.0	1.6	1	65	0.1	0.13	0.1	3.5	9.0	8.0	1.36	4	0.02	0.03	7	0.12	152	0.4	0.014	5.8	0.056
06BWS269	0.3	1.62	1.1	1.0	1	122	0.1	0.19	0.1	4.6	11.0	10.3	1.51	5	0.01	0.06	9	0.19	204	0.6	0.019	8.6	0.075
06BWS270	0.3	1.39	1.0	1.1	1	86	0.1	0.15	0.1	4.6	11.0	8.4	1.50	4	0.02	0.05	7	0.16	263	0.5	0.018	8.0	0.086
06BWS271	0.3	1.30	0.7	1.0	<1	106	0.1	0.22	<1	2.7	8.0	8.1	1.01	4	0.02	0.04	14	0.13	378	0.6	0.021	5.1	0.033
06BWS272	0.3	1.37	1.4	2.6	1	63	0.1	0.12	<1	4.5	11.0	12.4	1.37	4	0.03	0.03	8	0.15	120	0.5	0.016	6.8	0.068
06BWS273	0.3	1.73	1.4	4.5	<1	239	0.1	0.48	<1	3.7	14.0	35.4	1.85	5	0.02	0.05	43	0.23	86	0.6	0.021	8.1	0.012
06BWS274	0.7	1.76	0.9	4.7	<1	157	0.1	0.54	0.2	1.6	11.0	45.3	0.81	5	0.08	0.03	44	0.05	18	0.2	0.018	8.8	0.111
06BWS275	0.3	0.94	0.8	2.8	3	150	0.1	1.19	0.3	1.2	9.0	22.3	0.41	3	0.13	0.03	12	0.15	77	1.4	0.019	4.7	0.139
06BWS276	0.1	1.05	1.5	2.6	<1	86	0.1	0.29	<1	4.8	13.0	11.9	1.25	3	0.01	0.05	7	0.27	224	0.3	0.023	8.7	0.028
06BWS277	0.4	2.15	0.8	1.5	1	146	0.1	0.36	<1	3.2	14.0	12.9	1.51	5	0.02	0.04	8	0.23	185	0.8	0.031	6.7	0.022
06BWS278	0.3	1.78	1.5	1.2	1	121	0.1	0.30	0.1	3.8	15.0	14.6	1.56	5	0.02	0.05	9	0.25	163	0.5	0.023	8.3	0.041
06BWS279	<1	1.15	0.7	3.2	<1	98	0.1	0.19	<1	3.8	11.0	7.6	1.21	4	0.01	0.03	6	0.19	92	0.3	0.018	6.2	0.050
Std DS7	0.9	0.93	46.7	47.1	38	367	4.2	0.89	6.1	9.5	169.0	106.2	2.36	5	0.18	0.43	12	1.01	597	20.1	0.080	53.8	0.080

*MJE*

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
Project: 06SWS001

Sample: 180 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
Date: December 05, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS100	8.1	<05	0.1	1.4	<5	11	<1	3.2	0.077	0.1	0.6	52	0.3	60
06BWS101	10.9	<05	0.1	1.7	<5	9	<1	2.4	0.099	0.1	1.1	40	0.1	117
06BWS102	7.7	<05	0.1	1.2	<5	57	<1	2.1	0.083	<1	1.6	32	0.1	56
06BWS103	4.4	<05	0.1	2.0	<5	21	<1	1.3	0.099	<1	0.4	50	0.1	30
06BWS104	4.2	<05	0.1	1.1	<5	32	<1	0.9	0.071	<1	1.2	35	0.1	20
06BWS105	4.4	<05	<1	1.1	<5	47	<1	1.1	0.090	<1	1.6	31	<1	19
06BWS106	5.5	<05	0.1	1.1	<5	36	<1	1.2	0.076	<1	1.3	42	0.1	36
06BWS107	6.4	<05	<1	1.0	<5	13	<1	2.3	0.044	<1	0.7	30	0.1	25
06BWS108	5.2	<05	0.1	1.4	<5	9	<1	2.2	0.076	<1	0.6	37	0.1	28
06BWS109	15.0	<05	0.1	8.7	<5	104	<1	9.7	0.123	0.2	65.2	67	0.1	44
06BWS110	5.9	<05	0.1	1.4	<5	12	<1	1.5	0.087	<1	0.6	38	0.1	31
06BWS111	7.3	<05	0.1	1.9	<5	12	<1	3.0	0.102	0.1	1.5	51	0.1	58
06BWS112	9.8	<05	0.1	2.5	<5	24	<1	3.9	0.093	0.1	4.6	51	0.1	98
06BWS113	6.8	<05	0.1	2.3	<5	22	<1	2.0	0.088	0.1	0.7	50	0.1	95
06BWS114	7.8	<05	0.1	1.9	<5	25	<1	2.0	0.087	0.1	1.5	45	0.1	94
06BWS115	7.3	<05	0.1	1.1	<5	60	<1	0.6	0.055	<1	2.6	19	0.1	33
06BWS116	5.7	<05	0.1	4.0	<5	57	<1	4.3	0.067	<1	19.6	32	0.1	11
06BWS117	6.1	0.06	0.1	1.2	<5	41	<1	0.4	0.068	<1	9.4	16	<1	15
06BWS118	3.9	0.32	0.1	1.2	0.9	251	<1	0.5	0.010	<1	10.3	40	0.1	13
06BWS119	4.0	0.40	0.1	0.5	0.7	243	<1	0.2	0.007	0.1	3.9	9	<1	20
06BWS120	9.7	<05	0.1	1.3	<5	26	<1	1.3	0.076	0.1	2.6	41	0.1	122
06BWS121	8.9	<05	0.1	1.1	<5	9	<1	1.7	0.058	<1	0.5	36	0.1	90
06BWS122	46.7	<05	0.1	1.5	<5	25	<1	1.4	0.074	0.1	1.7	47	0.1	278
06BWS123	13.0	<05	<1	1.3	<5	11	<1	2.3	0.075	0.1	0.5	40	0.1	75
06BWS124	22.5	<05	0.1	1.0	<5	10	<1	3.0	0.030	0.1	0.6	31	0.1	194
06BWS125	31.4	0.06	0.1	2.8	<5	111	<1	3.4	0.058	0.1	8.2	43	0.1	199
06BWS125 Re	31.1	<05	0.1	2.9	<5	113	<1	3.4	0.059	0.1	8.0	42	0.1	198
06BWS126	17.5	<05	<1	1.0	<5	36	<1	1.2	0.048	0.1	2.0	30	0.1	114
06BWS127	25.3	<05	0.1	1.1	<5	10	<1	2.6	0.033	0.1	0.9	39	0.1	191
06BWS128	38.0	<05	0.1	1.0	<5	12	<1	2.2	0.052	0.1	0.6	35	0.1	321
06BWS129	28.4	<05	0.1	1.0	<5	14	<1	1.6	0.051	<1	0.6	32	0.1	232
06BWS130	11.7	<05	<1	0.8	<5	16	<1	1.4	0.043	<1	0.4	19	0.2	70
06BWS131	15.1	<05	0.1	0.8	<5	20	<1	1.5	0.045	0.1	0.5	29	0.1	257
06BWS132	40.3	<05	0.1	1.2	<5	19	<1	2.3	0.054	0.1	0.9	34	0.1	273
Std.DS7	68.2	0.17	4.8	2.4	3.5	68	1	3.8	0.118	4.1	4.9	84	3.6	393

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_  
Mark Acres - Quality Assurance

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
 Date: December 05, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001

Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS133	21.1	<05	0.1	0.8	<5	13	<1	1.7	0.041	0.1	0.5	29	0.1	189
06BWS134	25.4	<05	<1	1.0	<5	19	<1	2.0	0.062	<1	0.4	36	0.2	205
06BWS135	11.9	<05	0.1	1.0	<5	14	<1	1.7	0.048	<1	0.6	36	0.4	138
06BWS136	18.1	<05	0.1	1.1	<5	21	<1	3.1	0.055	0.1	0.7	38	0.1	145
06BWS137	20.2	<05	0.1	1.1	<5	36	<1	2.2	0.046	0.1	1.8	39	0.1	143
06BWS138	8.6	<05	0.1	1.5	<5	12	<1	1.8	0.074	0.1	0.5	37	0.1	82
06BWS139	11.1	<05	0.1	1.2	<5	12	<1	2.1	0.069	0.1	0.6	36	0.1	182
06BWS140	8.3	<05	0.1	1.3	<5	15	<1	1.2	0.090	0.1	0.6	43	0.1	113
06BWS141	6.9	<05	0.1	1.4	<5	13	<1	1.7	0.075	<1	0.6	37	0.1	60
06BWS142	11.1	<05	0.1	1.4	<5	26	<1	2.2	0.053	0.1	2.1	42	0.1	79
06BWS143	14.6	<05	0.1	1.1	<5	25	<1	3.0	0.050	<1	1.6	36	0.1	117
06BWS144	14.1	<05	0.1	1.1	<5	30	<1	2.0	0.053	0.1	1.0	34	0.1	128
06BWS145	14.6	<05	0.1	2.1	<5	15	<1	5.4	0.081	0.1	2.1	51	0.2	88
06BWS146	11.1	<05	0.1	1.2	<5	15	<1	2.5	0.065	0.1	0.5	42	0.1	98
06BWS147	10.5	<05	<1	1.0	<5	20	<1	1.3	0.047	0.1	0.8	29	0.1	60
06BWS148	19.7	0.09	0.2	5.6	0.8	187	<1	3.8	0.036	0.1	75.7	18	0.1	82
06BWS149	7.5	<05	<1	0.8	<5	17	<1	1.0	0.040	0.1	0.4	20	0.4	20
06BWS150	11.2	<05	0.1	1.1	<5	19	<1	2.1	0.039	0.1	0.7	27	0.1	70
06BWS151	9.5	<05	0.1	1.3	<5	10	<1	2.2	0.056	0.1	0.5	42	0.1	80
06BWS152	9.4	<05	0.1	1.7	<5	14	<1	2.0	0.095	0.1	0.5	57	0.1	108
06BWS153	10.8	<05	0.5	1.4	<5	14	<1	1.6	0.079	0.1	0.5	45	0.1	94
06BWS154	9.8	<05	0.1	1.6	<5	14	<1	2.3	0.092	0.1	0.6	49	0.1	80
06BWS155	6.8	<05	0.1	1.2	<5	18	<1	2.0	0.066	0.1	0.5	50	0.4	57
06BWS156	10.7	<05	0.1	1.6	<5	12	<1	2.0	0.086	0.1	0.6	44	0.1	91
06BWS157	8.6	<05	0.1	1.6	<5	13	<1	1.9	0.087	0.1	0.5	43	0.1	86
06BWS158	8.1	<05	0.1	1.0	<5	18	<1	1.9	0.072	<1	0.5	44	0.1	153
06BWS159	9.4	<05	0.1	1.6	<5	19	<1	1.9	0.088	0.1	0.6	39	0.1	150
06BWS160	8.8	<05	0.1	2.0	<5	28	<1	2.5	0.093	0.1	3.9	45	0.1	79
06BWS161	6.2	<05	0.1	1.5	<5	17	<1	1.6	0.073	<1	0.9	38	0.1	65
06BWS162	4.7	<05	0.1	0.8	<5	15	<1	1.2	0.048	<1	0.3	37	0.1	42
06BWS163	6.6	<05	0.1	0.9	<5	19	<1	1.4	0.047	<1	1.2	20	0.1	32
06BWS164	7.5	<05	0.1	0.9	<5	15	<1	1.2	0.049	<1	0.6	34	0.1	61
06BWS164 Re	7.8	<05	0.1	0.9	<5	16	<1	1.7	0.050	<1	0.6	33	0.1	62
06BWS165	9.2	<05	<1	0.9	<5	10	<1	1.8	0.053	<1	0.5	35	0.1	99
Std DS7	57.1	0.17	4.6	2.4	3.4	69	1	3.8	0.119	4.1	4.8	83	3.7	395

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:

Mark Acres - Quality Assurance

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
 Date: December 05, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS166	9.0	0.07	<1	0.8	<5	12	<1	1.3	0.059	0.1	0.4	30	0.1	70
06BWS167	12.8	<0.5	<1	0.9	<5	18	<1	1.2	0.054	0.1	0.5	36	<1	90
06BWS167 Re	12.7	<0.5	0.1	0.9	<5	18	<1	1.4	0.054	0.1	0.6	38	0.1	94
06BWS168	16.6	<0.5	0.1	1.3	<5	23	<1	1.9	0.052	0.1	0.8	39	0.1	156
06BWS169	14.8	<0.5	0.1	1.2	<5	16	<1	2.2	0.046	0.1	0.7	38	0.1	167
06BWS170	19.0	<0.5	0.1	1.2	<5	12	<1	2.6	0.033	0.1	0.9	38	0.1	156
06BWS171	7.7	0.06	<1	1.1	<5	23	<1	1.6	0.058	<1	1.1	26	0.1	32
06BWS172	5.5	<0.5	0.1	0.9	<5	13	<1	1.9	0.052	<1	0.6	34	0.1	32
06BWS173	5.9	<0.5	<1	0.8	<5	16	<1	1.2	0.052	<1	0.5	33	0.1	30
06BWS174	6.7	<0.5	0.1	1.0	<5	14	<1	2.0	0.059	<1	1.2	41	0.1	54
06BWS175	5.9	<0.5	<1	0.8	<5	15	<1	1.3	0.064	<1	0.8	32	0.1	50
06BWS176	6.2	<0.5	0.1	0.8	<5	14	<1	1.2	0.071	<1	0.7	36	0.1	60
06BWS177	6.9	<0.5	<1	0.9	<5	20	<1	1.3	0.067	<1	0.9	30	0.1	86
06BWS178	7.5	<0.5	0.1	0.9	<5	20	<1	1.8	0.054	0.1	1.0	32	0.1	82
06BWS179	9.3	<0.5	<1	0.9	<5	15	<1	1.4	0.058	<1	0.5	24	0.1	102
06BWS180	13.2	<0.5	0.1	1.2	<5	13	<1	2.3	0.047	0.1	0.9	36	0.1	282
06BWS181	10.0	<0.5	<1	1.1	<5	12	<1	2.0	0.054	0.1	0.5	33	0.1	221
06BWS182	9.7	<0.5	<1	1.1	<5	17	<1	2.0	0.047	<1	0.9	37	0.1	133
06BWS183	9.2	<0.5	0.1	1.1	<5	12	<1	2.1	0.045	0.1	0.6	36	0.1	89
06BWS184	16.4	<0.5	0.1	1.0	<5	19	<1	2.4	0.039	0.1	0.9	33	0.1	319
06BWS185	21.3	<0.5	0.1	0.8	<5	9	<1	2.3	0.024	0.1	0.4	32	0.1	177
06BWS186	14.6	<0.5	0.1	1.0	<5	11	<1	1.8	0.043	0.1	0.6	32	0.1	115
06BWS187	38.8	<0.5	<1	2.8	<5	64	<1	4.2	0.050	0.1	9.1	31	0.1	314
06BWS188	6.8	<0.5	<1	0.8	<5	18	<1	1.3	0.051	<1	0.8	30	<1	105
06BWS189	10.0	<0.5	<1	1.2	<5	26	<1	1.6	0.070	<1	1.1	34	0.1	86
06BWS190	5.8	<0.5	<1	0.8	<5	16	<1	1.7	0.054	<1	0.5	31	0.1	47
06BWS191	4.3	<0.5	<1	1.1	<5	29	<1	1.4	0.101	<1	1.4	42	0.3	32
06BWS192	6.5	<0.5	0.1	1.0	<5	29	<1	1.4	0.068	<1	1.5	29	0.1	36
06BWS193	6.1	<0.5	0.1	0.8	<5	22	<1	0.5	0.057	<1	0.8	18	<1	26
06BWS194	5.3	<0.5	0.1	1.0	<5	14	<1	1.0	0.060	0.1	0.8	17	<1	13
06BWS195	4.4	0.13	0.1	0.5	<5	28	<1	0.1	0.013	0.1	3.3	15	<1	12
06BWS196	4.8	0.07	0.2	0.8	<5	59	<1	0.2	0.039	<1	1.8	21	0.1	35
06BWS197	4.2	<0.5	0.1	1.7	<5	15	<1	1.9	0.088	<1	0.6	40	0.1	42
06BWS198	4.2	<0.5	0.1	1.1	<5	10	<1	1.5	0.069	<1	0.4	38	0.1	27
Std D57	65.3	0.19	5.5	2.4	3.6	70	1	4.2	0.119	4.1	4.9	84	3.8	385

A 0.5 g sample is digested with 3 ml 3:1 HCl:HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:



**APEX Geoscience Ltd.**

Attention: M. Dufresne  
Project: 06SWS001

Sample: 180 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
Date: December 05, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS199	3.9	<05	0.1	1.5	<5	12	<1	1.5	0.080	<1	0.5	41	0.1	27
06BWS200	6.3	0.07	0.1	1.5	<5	30	<1	0.9	0.095	0.1	2.2	40	0.1	24
06BWS201	13.5	<05	0.1	1.6	<5	16	<1	1.8	0.076	0.1	1.0	48	0.1	90
06BWS202	8.6	<05	0.1	1.3	<5	11	<1	2.1	0.082	0.1	0.4	45	0.1	75
06BWS203	14.7	<05	0.1	1.5	<5	18	<1	2.1	0.064	0.1	0.5	44	0.1	117
06BWS204	10.9	<05	0.1	1.2	<5	12	<1	1.6	0.071	0.1	0.4	40	0.1	81
06BWS205	10.4	<05	0.1	0.9	<5	15	<1	1.6	0.048	<1	0.5	34	0.1	50
06BWS206	12.6	<05	0.1	1.0	<5	21	<1	0.9	0.059	0.1	0.4	31	0.1	55
06BWS207	14.7	<05	0.1	1.4	<5	17	<1	1.6	0.067	0.1	0.5	50	0.2	120
06BWS208	17.7	<05	0.1	1.3	<5	15	<1	1.5	0.073	0.1	0.4	51	0.2	136
06BWS209	35.3	<05	0.1	1.6	<5	19	<1	1.9	0.072	0.1	1.0	42	0.1	206
06BWS210	12.9	<05	0.1	1.5	<5	15	<1	1.6	0.084	0.1	0.6	42	0.1	129
06BWS211	18.7	<05	0.1	1.1	<5	14	<1	1.2	0.062	0.1	0.4	45	0.1	173
06BWS212	44.4	<05	0.1	3.8	<5	33	<1	4.2	0.060	0.1	14.2	35	0.1	121
06BWS213	34.0	<05	0.1	1.5	<5	15	<1	2.2	0.056	0.1	1.2	42	0.1	229
06BWS214	22.3	<05	0.1	1.5	<5	12	<1	2.0	0.069	0.1	0.5	36	0.1	172
06BWS215	20.4	<05	0.1	1.1	<5	10	<1	1.5	0.040	0.1	0.4	34	0.1	233
06BWS216	56.8	<05	0.1	1.2	<5	20	<1	1.7	0.052	0.1	0.9	44	0.1	260
06BWS217	18.8	<05	0.1	1.2	<5	13	<1	1.8	0.059	0.1	0.5	35	0.1	153
06BWS218	24.4	<05	0.3	1.0	<5	13	<1	1.7	0.050	0.1	0.4	36	0.1	192
06BWS219	14.7	<05	0.1	1.1	<5	12	<1	1.6	0.053	0.1	0.5	35	0.1	241
06BWS220	26.5	<05	0.1	0.9	<5	13	<1	1.4	0.033	0.1	0.3	32	0.1	276
06BWS221	18.0	<05	0.1	1.2	<5	12	<1	1.3	0.064	0.1	0.4	43	0.1	197
06BWS222	21.0	<05	0.1	1.1	<5	14	<1	1.5	0.039	0.1	0.4	31	0.1	202
06BWS223	12.5	<05	<1	0.9	<5	18	<1	1.1	0.048	0.1	1.1	32	<1	87
06BWS224	10.6	<05	0.1	1.3	<5	15	<1	1.4	0.074	0.1	0.4	43	0.1	122
06BWS225	7.5	<05	0.1	1.0	<5	17	<1	1.1	0.064	0.1	0.3	42	0.1	100
06BWS226	4.4	<05	0.1	1.3	<5	20	<1	0.7	0.083	<1	0.4	35	<1	44
06BWS226 Re	4.4	<05	0.1	1.3	<5	20	<1	1.4	0.082	<1	0.4	34	0.1	42
06BWS227	11.9	<05	0.1	4.3	<5	55	<1	3.6	0.072	0.1	4.9	39	0.1	97
06BWS228	9.0	<05	<1	2.0	<5	30	<1	3.2	0.081	0.1	1.9	25	0.1	22
06BWS229	17.5	<05	0.1	1.4	<5	16	<1	1.7	0.059	0.1	0.3	43	0.1	190
06BWS230	15.4	<05	0.1	1.7	<5	23	<1	1.7	0.081	0.1	1.4	44	0.1	188
06BWS231	7.0	<05	0.1	1.7	<5	17	<1	1.5	0.098	0.1	0.4	47	0.1	124
Std DS7	59.1	0.21	5.2	2.4	3.5	69	1	4.5	0.120	4.1	4.8	83	3.8	378

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
 Date: December 05, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001

Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS232	12.0	<05	0.1	1.1	<5	16	<1	1.9	0.042	0.1	0.4	37	0.1	84
06BWS233	7.0	<05	0.1	1.4	<5	15	<1	2.7	0.080	0.1	0.4	45	0.1	66
06BWS234	8.3	<05	0.1	2.1	<5	21	<1	1.7	0.097	0.1	0.6	46	0.1	60
06BWS235	6.8	<05	0.1	2.1	<5	20	<1	1.2	0.093	0.1	0.4	50	0.1	56
06BWS236	16.4	<05	0.1	1.5	<5	25	<1	1.4	0.064	0.1	0.5	43	0.1	118
06BWS237	19.2	<05	0.1	1.2	<5	17	<1	1.7	0.059	<1	0.4	42	0.1	128
06BWS238	14.7	<05	0.1	0.9	<5	15	<1	1.9	0.050	<1	0.3	38	0.1	49
06BWS239	11.9	<05	0.1	1.0	<5	15	<1	1.6	0.065	<1	0.3	39	0.1	97
06BWS240	7.0	<05	0.1	1.4	<5	16	<1	1.0	0.079	0.1	0.3	44	0.1	101
06BWS241	8.8	<05	0.1	1.3	<5	13	<1	1.6	0.066	<1	0.4	42	0.1	78
06BWS242	12.9	<05	0.1	1.5	<5	18	<1	1.8	0.067	0.1	0.5	40	0.1	73
06BWS243	21.9	0.09	0.2	7.0	0.7	109	<1	3.1	0.057	0.1	33.1	53	0.1	140
06BWS244	9.5	<05	0.1	1.3	<5	13	<1	1.7	0.062	0.1	0.4	37	0.1	74
06BWS245	10.8	<05	0.1	1.5	<5	23	<1	1.7	0.063	0.1	0.5	39	0.1	93
06BWS246	7.6	<05	0.1	1.1	<5	15	<1	1.5	0.057	<1	0.4	38	0.1	62
06BWS247	9.5	<05	0.1	1.9	<5	28	<1	3.0	0.077	0.1	1.9	36	0.1	44
06BWS248	8.6	<05	0.1	1.1	<5	18	<1	1.4	0.063	<1	0.4	40	0.1	80
06BWS249	8.7	<05	0.1	1.4	<5	23	<1	1.6	0.062	<1	1.1	35	<1	46
06BWS249 Re	8.8	<05	0.1	1.4	<5	22	<1	2.0	0.060	<1	1.0	34	0.1	48
06BWS250	11.5	<05	0.1	1.9	<5	22	<1	1.5	0.080	0.1	0.5	54	0.1	137
06BWS251	90.7	<05	0.1	1.2	<5	18	<1	1.1	0.051	0.1	0.5	47	0.1	443
06BWS252	10.6	<05	0.1	1.1	<5	18	<1	1.2	0.055	0.1	0.3	37	0.1	92
06BWS253	11.2	<05	0.1	1.2	<5	16	<1	1.3	0.064	<1	0.4	45	0.1	137
06BWS254	14.1	<05	0.1	1.3	<5	13	<1	1.8	0.068	0.1	0.5	39	0.1	144
06BWS255	14.3	<05	0.1	1.9	<5	35	<1	2.0	0.082	0.1	2.7	41	0.1	62
06BWS256	12.6	<05	0.1	1.0	<5	11	<1	2.1	0.045	0.1	0.5	39	0.1	97
06BWS257	6.1	<05	0.1	1.0	<5	15	<1	1.2	0.070	<1	0.3	37	0.1	65
06BWS258	8.0	<05	0.1	1.2	<5	22	<1	1.3	0.069	0.1	0.4	39	0.1	76
06BWS259	7.3	<05	0.1	0.8	<5	21	<1	0.8	0.059	<1	0.4	32	<1	41
06BWS260	10.3	<05	0.1	1.8	<5	40	<1	1.8	0.083	0.1	4.2	41	<1	45
06BWS261	6.8	<05	0.1	1.1	<5	10	<1	1.5	0.061	<1	0.3	35	0.1	76
06BWS262	6.3	<05	0.1	1.1	<5	13	<1	1.4	0.069	<1	0.3	39	0.1	62
06BWS263	9.8	<05	0.1	0.8	<5	12	<1	1.5	0.053	<1	0.4	35	0.1	66
06BWS264	12.5	<05	0.1	1.0	<5	11	<1	1.5	0.058	<1	0.4	42	0.1	120
Std DS7	70.0	0.16	5.3	2.5	3.8	71	1	4.1	0.122	4.2	4.8	84	3.6	409

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:

Mark Acres - Quality Assurance

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21332  
 Date: December 05, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 180 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS265	40.9	<05	0.1	3.3	<5	64	<1	7.2	0.049	0.1	11.0	38	0.1	314
06BWS265 Re	39.7	<05	0.1	3.3	<5	61	<1	7.7	0.050	0.1	10.6	44	0.2	314
06BWS266	9.4	<05	0.1	1.3	<5	22	<1	1.7	0.082	0.1	0.7	40	0.1	62
06BWS267	13.4	<05	0.1	3.8	<5	52	<1	4.6	0.088	0.2	14.1	28	0.1	48
06BWS268	7.7	<05	0.1	1.0	<5	12	<1	2.0	0.060	<1	0.4	38	0.1	58
06BWS269	11.3	<05	0.1	1.4	<5	18	<1	1.7	0.061	0.1	0.5	38	0.1	98
06BWS270	9.2	<05	0.1	1.3	<5	13	<1	1.7	0.064	0.1	0.4	39	<1	102
06BWS271	8.9	<05	0.1	1.1	<5	23	<1	0.9	0.049	0.1	1.0	25	0.1	43
06BWS272	6.3	<05	0.1	1.5	<5	13	<1	1.6	0.068	0.1	0.5	36	0.1	46
06BWS273	12.1	<05	0.1	4.0	<5	44	<1	9.3	0.094	0.1	5.0	36	0.1	21
06BWS274	4.7	0.14	0.2	1.6	0.5	48	<1	0.4	0.014	0.1	9.8	21	0.1	11
06BWS275	9.3	0.30	0.4	0.7	0.9	105	<1	0.2	0.014	<1	5.3	12	0.1	41
06BWS276	5.9	<05	0.1	1.7	<5	28	<1	1.6	0.082	0.1	0.6	36	0.1	28
06BWS277	10.1	<05	0.1	2.0	<5	36	<1	2.1	0.078	0.1	2.6	27	<1	31
06BWS278	9.1	<05	0.1	2.1	<5	29	<1	2.4	0.072	0.1	1.9	39	0.1	43
06BWS279	7.6	<05	0.1	1.1	<5	19	<1	1.3	0.070	<1	0.4	34	0.1	44
Std DS7	66.5	0.16	5.1	2.4	3.3	69	1	4.0	0.117	4.1	4.7	81	3.7	398

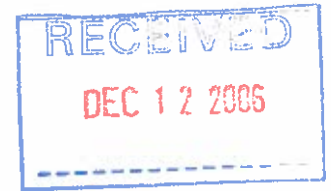
A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:





2 - 302 48th Street • Saskatoon, SK • S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com



Company: APEX Geoscience Ltd.  
Geologist: K. Raffle  
Project: 06SWS001  
Purchase Order: 99123

TSL Report: S21333  
Date Received: Nov 10, 2006  
Date Reported: Nov 17, 2006  
Invoice: 40994

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Soil	146	-80 mesh	Dry, Screen

*Standard Procedure:*

*Samples for Au Fire Assay/AA (ppb) are weighed at 30 grams.  
Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).*

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppb	Fire Assay/AA	5	3000
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

*Test reports may be reproduced, in their entirety, without our consent.  
Liability is limited to the analytical cost for analyses.*



#2 - 302 48<sup>th</sup> Street · Saskatoon, SK · S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21333
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**SAMPLE(S) OF**  
146 Soil/0 Pulp

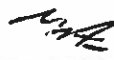
INVOICE #: 40994  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06JCS061	<5		S21333
06JCS062	<5		S21333
06JCS063	<5		S21333
06JCS064	<5		S21333
06JCS065	<5		S21333
06JCS066	<5	<5	S21333
06JCS067	<5		S21333
06JCS068	<5		S21333
06JCS069	<5		S21333
06JCS070	<5		S21333
06JCS071	5		S21333
06JCS072	30		S21333
06JCS073	35		S21333
06JCS074	<5		S21333
06JCS075	<5		S21333
06JCS076	<5	<5	S21333
06JCS077	<5		S21333
06JCS078	<5		S21333
06JCS079	<5		S21333
06JCS080	<5		S21333

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### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21333
-----------------------------

**SAMPLE(S) OF**  
146 Soil/0 Pulp


**INVOICE #:** 40994  
**P.O.:** 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06JCS081	<5		S21333
06JCS082	<5		S21333
06JCS083	<5		S21333
06JCS084	<5		S21333
06JCS085	<5		S21333
06JCS086	<5	<5	S21333
06JCS087	<5		S21333
06JCS088	<5		S21333
06JCS089	<5		S21333
06JCS090	<5		S21333
06JCS091	<5		S21333
06JCS092	<5		S21333
06JCS093	<5		S21333
06JCS094	<5		S21333
06JCS095	<5		S21333
06JCS096	<5	<5	S21333
06JCS097	<5		S21333
06JCS098	<5		S21333
06JCS099	<5		S21333
06JCS100	<5		S21333

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**SAMPLE(S) FROM** APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21333
-----------------------------

**SAMPLE(S) OF** 146 Soil/0 Pulp


INVOICE #: 40994  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06JCS101	<5		S21333
06JCS102	10		S21333
06JCS103	20		S21333
06JCS104	5		S21333
06JCS105	5		S21333
06JCS106	<5	<5	S21333
06JCS107	<5		S21333
06JCS108	<5		S21333
06JCS109	<5		S21333
06JCS110	<5		S21333
06JCS111	<5		S21333
06JCS112	25		S21333
06JCS113	<5		S21333
06JCS114	<5		S21333
06JCS115	20		S21333
06JCS116	<5	<5	S21333
06JCS117	<5		S21333
06JCS118	<5		S21333
06JCS119	<5		S21333
06JCS120	<5		S21333

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<b>REPORT No.</b> S21333
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**SAMPLE(S) OF**  
146 Soil/0 Pulp

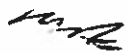
INVOICE #: 40994  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06JCS121	<5		S21333
06JCS122	<5		S21333
06JCS123	<5		S21333
06JCS124	<5		S21333
06JCS125	<5		S21333
06JCS126	15	10	S21333
06JCS127	10		S21333
06JCS128	<5		S21333
06JCS129	<5		S21333
06JCS130	<5		S21333
06JCS131	<5		S21333
06JCS132	<5		S21333
06JCS133	<5		S21333
06JCS134	<5		S21333
06JCS135	<5		S21333
06JCS136	<5	<5	S21333
06JCS137	<5		S21333
06JCS138	<5		S21333
06JCS139	<5		S21333
06JCS140	90		S21333

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<b>REPORT No.</b> S21333
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**SAMPLE(S) OF**  
146 Soil/0 Pulp

INVOICE #: 40994  
P.O.: 99123

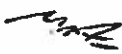
K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06JCS141	<5		S21333
06JCS142	<5		S21333
06JCS143	<5		S21333
06JCS144	10		S21333
06JCS145	<5		S21333
06JCS146	<5	<5	S21333
06JCS147	<5		S21333
06JCS148	35		S21333
06JCS149	<5		S21333
06JCS150	<5		S21333
06JCS151	<5		S21333
06JCS152	<5		S21333
06JCS153	75		S21333
06JCS154	<5		S21333
06JCS155	<5		S21333
06JCS156	<5	<5	S21333
06JCS157	<5		S21333
06JCS158	<5		S21333
06JCS159	<5		S21333
06JCS160	<5		S21333

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**SAMPLE(S) OF**  
146 Soil/0 Pulp

INVOICE #: 40994  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06JCS161	<5		S21333
06JCS162	<5		S21333
06JCS163	<5		S21333
06JCS164	<5		S21333
06JCS165	<5	<5	S21333
06JCS166	<5		S21333
06JCS167	<5		S21333
06JCS168	<5		S21333
06JCS169	<5		S21333
06JCS170	<5		S21333
06JCS171	<5		S21333
06JCS172	<5		S21333
06JCS173	<5		S21333
06JCS174	<5		S21333
06JCS175	5		S21333
06JCS176	5	<5	S21333
06JCS177	<5		S21333
06JCS178	<5		S21333
06JCS179	<5		S21333
06JCS180	<5		S21333

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<b>REPORT No.</b> S21333
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**SAMPLE(S) OF**  
146 Soil/0 Pulp

INVOICE #: 40994  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06JCS181	<5		S21333
06JCS182	20		S21333
06JCS183	<5		S21333
06JCS184	<5		S21333
06JCS185	10		S21333
06JCS186	<5	<5	S21333
06JCS187	<5		S21333
06JCS188	<5		S21333
06JCS189	<5		S21333
06JCS190	<5		S21333
06JCS191	10		S21333
06JCS192	<5		S21333
06JCS193	<5		S21333
06JCS194	<5		S21333
06JCS195	<5		S21333
06JCS196	<5	<5	S21333
06JCS197	<5		S21333
06JCS198	<5		S21333
06JCS199	<5		S21333
06JCS200	<5		S21333

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 Edmonton, Alberta  
 T6E 5V8

**REPORT No.**  
 S21333

**SAMPLE(S) OF** 146 Soil/0 Pulp

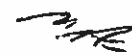
**INVOICE #:** 40994  
**P.O.:** 99123

K. Raffle  
 Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06JCS201	10		S21333
06JCS202	10		S21333
06JCS203	10		S21333
06JCS204	<5		S21333
06JCS205	<5		S21333
06JCS206	10		S21333
GS-1B	1030		S21333
GS-1B	1010		S21333
GS-1B	1060		S21333
GS-1B	1050		S21333
GS-1B	1080		S21333
GS-1B	1000		S21333
GS-1B	1050		S21333
GS-1B	1020		S21333

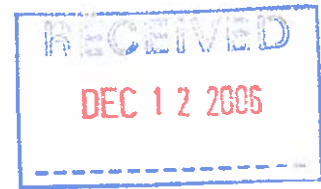
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Company: APEX Geoscience Ltd.  
 Geologist: K. Raffle  
 Project: 06SWS001  
 Purchase Order: 99123

TSL Report: S21333  
 Date Received: Nov 10, 2006  
 Date Reported: Dec 06, 2006  
 Invoice: 40994

Sample Type: Soil      Number: 146      Size Fraction: -80 mesh      Sample Preparation: Dry, Screen

**ICP-MS Aqua Regia Digestion HCl-HNO<sub>3</sub>**

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Lower Detection Limit	Upper Detection Limit	Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm	Mn *	1 ppm	50000 ppm
Al *	0.01 %	10 %	Mo	0.1 ppm	2000 ppm
As	0.5 ppm	10000 ppm	Na *	0.001%	10 %
Au	0.5 ppb	100 ppm	Ni	0.1 ppm	10000 ppm
B *	1 ppm	2000 ppm	P *	0.001%	5 %
Ba *	1 ppm	1000 ppm	Pb	0.1 ppm	10000 ppm
Bi	0.1 ppm	2000 ppm	S	0.05 %	10 %
Ca *	0.01%	40 %	Sb	0.1 ppm	2000 ppm
Cd	0.1 ppm	2000 ppm	Sc	0.1 ppm	100 ppm
Co	0.1 ppm	2000 ppm	Se	0.5 ppm	1000 ppm
Cr *	1 ppm	10000 ppm	Sr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm	Te	1 ppm	2000 ppm
Fe *	0.01%	40 %	Th *	0.1 ppm	2000 ppm
Ga *	1 ppm	1000 ppm	Ti *	0.001%	10 %
Hg	0.01 ppm	100 ppm	Tl	0.1 ppm	1000 ppm
K *	0.01%	10 %	U *	0.1 ppm	2000 ppm
La *	1 ppm	10000 ppm	V *	2 ppm	10000 ppm
Mg *	0.01%	30 %	W *	0.1 ppm	100 ppm
			Zn	1 ppm	10000 ppm

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TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333  
Date: December 06, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
Project: 06SWS001  
Sample: 146 Soil

MULTIELEMENT ICP-MS ANALYSIS  
Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06JCS061	0.4	1.38	1.4	0.9	<1	60	0.1	0.12	0.2	3.7	10.0	7.4	1.53	5	0.02	0.03	6	0.10	133	0.7	0.015	5.1	0.060
06JCS062	<1	1.50	1.1	0.5	<1	63	0.1	0.14	0.1	3.6	9.0	9.0	1.44	5	0.02	0.03	8	0.10	92	0.6	0.017	5.2	0.077
06JCS063	0.2	1.23	0.9	0.7	<1	82	0.1	0.16	0.1	4.3	11.0	8.8	1.42	5	0.02	0.05	10	0.15	354	0.5	0.019	6.0	0.060
06JCS064	0.2	0.80	0.7	3.4	<1	73	0.1	0.12	0.1	3.0	9.0	6.9	1.38	3	0.01	0.03	8	0.08	84	1.1	0.013	4.1	0.051
06JCS065	0.1	1.10	0.8	<5	1	48	0.1	0.09	<1	3.7	7.0	7.3	1.27	4	0.03	0.03	6	0.07	99	0.4	0.015	4.6	0.057
06JCS066	0.2	0.99	0.7	1.5	<1	48	0.1	0.10	<1	3.2	9.0	7.5	1.33	4	0.02	0.02	6	0.09	165	0.5	0.014	4.4	0.061
06JCS067	0.1	0.77	0.8	1.0	<1	49	0.1	0.10	<1	2.8	8.0	6.8	1.33	3	0.01	0.02	6	0.06	113	0.6	0.012	3.7	0.070
06JCS068	0.1	1.01	0.6	1.0	<1	149	0.1	0.27	<1	3.4	15.0	4.7	1.58	3	0.01	0.03	10	0.12	331	5.2	0.016	5.5	0.008
06JCS069	<1	0.84	0.8	0.7	<1	61	0.1	0.12	<1	3.0	9.0	6.6	1.39	3	0.01	0.03	6	0.08	118	0.5	0.012	4.7	0.059
06JCS070	<1	0.98	0.7	<5	<1	54	0.1	0.12	<1	3.4	9.0	8.1	1.28	4	0.01	0.03	6	0.08	233	0.3	0.013	5.1	0.059
06JCS070 Re	<1	0.98	0.7	1.0	<1	55	0.1	0.11	0.1	3.1	8.0	7.9	1.21	3	0.02	0.03	6	0.08	222	0.3	0.015	4.7	0.059
06JCS071	<1	0.95	0.9	0.7	<1	51	0.1	0.13	0.1	3.4	8.0	7.5	1.32	4	0.01	0.03	5	0.08	162	0.4	0.014	5.2	0.042
06JCS072	<1	1.17	1.1	<5	<1	45	0.1	0.12	<1	3.8	10.0	8.9	1.55	4	0.02	0.04	6	0.08	122	0.5	0.013	5.2	0.074
06JCS073	0.1	1.22	1.5	1.2	<1	37	0.1	0.11	0.1	4.0	11.0	9.4	1.73	5	0.02	0.03	5	0.09	100	0.6	0.014	5.9	0.083
06JCS074	0.2	1.99	0.8	<5	1	212	0.2	0.36	0.1	5.2	17.0	18.5	2.07	6	0.02	0.06	15	0.23	291	3.3	0.021	7.7	0.033
06JCS075	<1	1.15	1.2	0.5	<1	59	0.1	0.13	<1	3.7	11.0	9.9	1.47	4	0.01	0.03	6	0.10	147	0.7	0.015	6.1	0.061
06JCS076	<1	1.46	1.3	<5	1	94	0.1	0.15	<1	4.9	12.0	12.6	1.49	5	0.02	0.04	9	0.12	151	0.7	0.016	7.6	0.060
06JCS077	<1	1.60	1.0	<5	<1	92	0.1	0.16	0.1	3.8	11.0	11.0	1.55	6	0.02	0.03	9	0.12	121	0.6	0.018	6.5	0.051
06JCS078	<1	1.14	0.6	<5	<1	81	0.1	0.19	<1	3.5	12.0	6.9	1.67	5	0.01	0.03	5	0.12	86	0.4	0.017	6.2	0.040
06JCS079	<1	0.41	<5	<5	<1	30	0.1	0.12	<1	1.2	5.0	2.9	0.45	3	<0.1	0.02	3	0.07	45	0.3	0.015	2.1	0.006
06JCS080	<1	1.34	0.8	0.8	1	81	0.1	0.18	<1	3.9	11.0	7.8	1.39	6	0.01	0.03	4	0.14	182	0.7	0.022	6.4	0.039
06JCS081	<1	1.20	1.1	0.7	<1	46	0.1	0.10	0.1	3.9	11.0	9.4	1.66	4	0.02	0.03	5	0.09	232	0.5	0.012	5.7	0.070
06JCS082	<1	1.37	1.3	<5	1	61	0.1	0.13	<1	4.2	11.0	12.2	1.46	5	0.02	0.04	5	0.12	173	0.5	0.016	7.1	0.079
06JCS083	<1	1.26	0.9	64.8	<1	49	0.1	0.10	<1	2.9	9.0	7.1	1.17	5	0.03	0.02	4	0.07	54	0.5	0.014	4.5	0.047
06JCS084	<1	0.76	<5	0.7	1	71	<1	0.25	<1	0.7	8.0	19.5	0.26	3	0.07	0.01	15	0.04	11	0.8	0.016	3.9	0.052
06JCS085	0.2	1.24	0.5	<5	<1	103	0.1	0.30	0.1	1.5	11.0	22.5	0.53	4	0.11	0.03	11	0.04	15	0.6	0.014	6.5	0.143
06JCS086	0.3	0.91	0.8	<5	1	117	0.1	0.16	0.1	2.9	10.0	6.0	1.26	3	0.01	0.03	9	0.13	115	0.3	0.012	4.5	0.032
06JCS087	0.2	1.04	<5	<5	<1	85	0.1	0.14	0.1	3.0	9.0	6.8	1.32	4	<0.1	0.03	7	0.12	112	0.3	0.016	5.4	0.024
06JCS088	0.2	1.17	0.8	<5	2	71	0.1	0.09	<1	2.8	8.0	6.0	1.29	4	0.02	0.03	7	0.08	59	0.5	0.016	4.7	0.060
06JCS089	0.2	1.02	1.4	<5	<1	71	0.1	0.13	0.1	3.4	10.0	9.3	1.44	4	0.01	0.03	7	0.11	80	0.8	0.014	5.2	0.057
06JCS090	0.2	1.15	0.7	0.7	2	201	0.1	0.30	0.2	4.6	16.0	13.4	1.05	4	0.02	0.04	14	0.18	203	0.7	0.021	7.1	0.023
06JCS091	0.1	1.38	0.8	<5	<1	91	0.1	0.18	<1	3.2	11.0	8.4	1.24	5	<0.1	0.04	7	0.16	98	0.6	0.017	6.6	0.025
06JCS092	0.2	0.96	0.8	<5	<1	68	0.1	0.10	0.1	3.3	9.0	7.8	1.39	3	0.01	0.03	8	0.09	75	0.6	0.013	5.3	0.053
06JCS093	0.2	1.34	1.1	0.7	1	64	0.1	0.18	<1	3.3	9.0	8.0	1.40	5	0.02	0.07	6	0.09	180	0.8	0.014	6.3	0.074
Std DS7	0.8	0.98	49.1	66.6	39	371	4.4	0.91	6.5	9.3	159.0	106.3	2.37	4	0.19	0.44	13	1.12	606	19.6	0.079	53.3	0.080

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: 

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333  
 Date: December 06, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 146 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06JCS094	0.3	1.38	1.0	<.5	<1	83	0.1	0.11	0.1	4.1	8.0	9.6	1.49	5	0.02	0.04	8	0.12	304	0.5	0.016	6.4	0.073
06JCS095	0.1	1.70	1.4	<.5	2	97	0.1	0.12	0.1	4.5	9.0	9.0	1.55	5	0.03	0.04	9	0.16	537	0.8	0.014	5.7	0.069
06JCS096	0.1	1.83	1.0	<.5	2	150	0.1	0.19	0.1	5.4	10.0	10.1	1.92	5	0.02	0.08	11	0.25	355	1.1	0.018	8.5	0.092
06JCS097	0.6	1.27	0.6	1.0	1	138	0.1	0.14	0.1	4.4	9.0	6.5	1.73	5	0.02	0.05	12	0.13	177	0.4	0.017	5.7	0.103
06JCS098	2.9	2.18	0.6	2.6	1	273	0.2	0.37	0.2	5.2	13.0	11.8	2.01	6	0.04	0.10	44	0.20	687	1.7	0.021	7.8	0.019
06JCS099	0.4	1.29	1.0	<.5	<1	101	0.1	0.15	0.2	4.4	9.0	7.8	1.51	4	0.02	0.03	7	0.14	340	0.4	0.020	6.5	0.074
06JCS100	0.1	1.55	1.7	<.5	3	104	0.1	0.15	0.2	5.1	10.0	9.7	1.74	5	0.03	0.05	7	0.16	539	0.8	0.020	6.9	0.115
06JCS101	0.4	1.53	1.5	0.5	2	185	0.1	0.32	0.2	6.3	19.0	22.7	1.79	4	0.02	0.06	26	0.32	359	0.4	0.029	12.6	0.031
06JCS102	0.1	2.21	2.1	0.6	1	91	0.1	0.22	0.1	7.9	28.0	37.6	2.14	6	0.03	0.04	6	0.45	310	0.5	0.027	19.7	0.099
06JCS103	<.1	1.87	1.9	1.6	1	76	0.1	0.20	<.1	6.4	15.0	19.3	1.96	5	0.04	0.04	6	0.25	373	0.6	0.023	11.5	0.100
06JCS104	0.2	0.91	6.4	1.2	3	226	0.1	0.75	0.3	6.3	20.0	23.7	3.07	3	0.04	0.05	21	0.26	1530	4.1	0.025	8.9	0.069
06JCS105	<.1	2.07	2.2	<.5	2	61	0.1	0.14	0.1	5.7	16.0	18.9	1.97	6	0.02	0.03	6	0.23	202	0.9	0.025	11.8	0.101
06JCS106	0.1	1.51	1.0	<.5	<1	182	0.1	0.23	0.1	4.6	11.0	8.5	1.66	5	0.01	0.03	8	0.15	335	0.6	0.023	6.9	0.029
06JCS107	0.2	1.20	0.6	<.5	1	178	0.1	0.20	0.1	4.1	12.0	8.6	1.64	4	0.01	0.04	8	0.14	113	0.5	0.016	6.3	0.045
06JCS107 Re	0.2	1.27	1.1	1.5	2	191	0.1	0.21	0.1	4.4	12.0	9.0	1.63	4	0.01	0.04	8	0.14	115	0.5	0.017	6.7	0.047
06JCS108	0.3	1.61	1.3	<.5	2	217	0.1	0.24	0.1	3.9	10.0	11.2	1.48	4	0.01	0.04	10	0.13	148	0.7	0.021	6.2	0.086
06JCS109	<.1	1.25	0.9	0.6	<1	59	0.1	0.13	0.1	3.3	10.0	7.8	1.47	4	0.02	0.02	6	0.10	78	0.8	0.016	5.2	0.051
06JCS110	<.1	1.39	1.4	0.5	2	40	0.1	0.11	<.1	4.6	13.0	13.3	1.90	4	0.02	0.02	6	0.13	132	0.7	0.016	6.3	0.086
06JCS111	<.1	1.26	1.1	<.5	3	58	0.1	0.11	<.1	4.0	11.0	10.0	1.56	4	0.01	0.03	6	0.12	172	0.5	0.016	5.8	0.056
06JCS112	<.1	1.46	1.5	<.5	2	126	0.1	0.21	<.1	3.2	14.0	14.5	1.63	4	0.01	0.02	8	0.20	88	0.8	0.014	5.6	0.030
06JCS113	<.1	1.28	0.6	<.5	1	70	0.1	0.13	<.1	2.9	9.0	8.9	0.98	4	0.02	0.02	5	0.12	77	0.5	0.017	5.0	0.049
06JCS114	<.1	0.98	0.6	2.1	1	60	0.1	0.13	<.1	2.8	9.0	6.9	1.18	4	0.01	0.02	6	0.11	72	0.6	0.015	4.8	0.029
06JCS115	<.1	1.35	1.1	<.5	1	60	0.1	0.14	<.1	4.1	10.0	11.4	1.43	4	0.02	0.03	6	0.13	192	0.5	0.016	6.7	0.078
06JCS116	<.1	1.29	1.1	1.2	1	50	0.1	0.13	<.1	3.9	11.0	12.9	1.45	4	0.03	0.03	6	0.11	115	0.6	0.016	6.0	0.062
06JCS117	0.2	1.63	1.4	0.6	1	70	0.1	0.10	<.1	4.6	12.0	12.4	1.51	5	0.03	0.02	6	0.14	134	1.0	0.018	8.7	0.079
06JCS118	0.2	0.94	0.7	1.5	2	71	0.1	0.13	0.1	3.1	10.0	7.9	1.35	3	0.02	0.03	9	0.10	154	0.8	0.011	4.6	0.076
06JCS119	0.3	0.86	0.7	308.8	2	102	<.1	0.19	<.1	1.9	8.0	5.8	0.76	3	0.01	0.02	7	0.09	49	0.7	0.015	3.3	0.016
06JCS120	0.2	0.96	<.5	<.5	1	105	0.1	0.51	0.2	1.9	12.0	20.0	0.50	3	0.04	0.02	18	0.13	63	1.2	0.019	7.2	0.053
06JCS121	0.2	1.28	0.7	0.7	<1	119	0.1	0.20	0.1	2.5	8.0	6.2	0.94	5	0.01	0.03	10	0.12	164	1.1	0.023	3.9	0.023
06JCS122	<.1	0.82	1.3	0.5	1	118	0.1	0.21	0.1	3.5	13.0	10.1	1.54	2	0.01	0.06	15	0.16	157	0.3	0.009	5.1	0.046
06JCS123	<.1	1.57	1.7	1.9	1	63	0.1	0.15	0.1	4.6	14.0	17.7	1.90	5	0.02	0.03	7	0.16	233	0.7	0.018	8.0	0.073
06JCS124	<.1	1.25	0.6	<.5	3	89	0.1	0.20	<.1	3.8	11.0	9.1	1.19	5	0.02	0.03	5	0.14	279	0.6	0.021	6.7	0.030
06JCS125	<.1	1.83	3.4	<.5	1	157	0.1	0.23	0.1	6.5	24.0	29.5	2.06	5	0.02	0.05	18	0.26	178	0.7	0.024	13.7	0.063
06JCS126	0.2	2.01	2.7	0.8	1	71	0.1	0.18	0.1	7.2	18.0	22.2	2.06	5	0.02	0.04	6	0.28	342	0.9	0.025	12.1	0.110
Std DS7	0.9	0.97	46.0	57.0	40	375	4.5	0.92	6.1	9.9	169.0	108.5	2.39	4	0.19	0.45	14	1.06	622	20.5	0.079	55.1	0.077

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333

Date: December 06, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 06SWS001

Sample: 146 Soil

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06JCS127	0.3	1.25	1.0	1.8	1	90	0.1	0.15	0.1	4.9	12.0	10.4	1.59	4	0.01	0.05	8	0.18	231	0.7	0.016	7.0	0.073
06JCS128	0.1	1.85	2.9	18.2	1	69	0.1	0.14	0.1	6.0	16.0	19.1	1.74	5	0.02	0.03	6	0.22	464	0.6	0.022	10.8	0.103
06JCS129	0.1	0.25	0.5	1.8	1	56	<.1	0.21	0.1	0.4	3.0	17.1	0.14	1	0.03	0.01	3	0.02	10	0.5	0.011	2.7	0.038
06JCS130	0.7	1.83	3.1	7.4	2	212	0.6	0.74	0.5	5.1	19.0	88.3	2.00	5	0.05	0.09	26	0.23	472	1.0	0.020	13.5	0.086
06JCS131	0.2	1.00	2.1	<.5	3	98	0.3	0.27	0.2	5.5	13.0	19.1	1.64	3	0.02	0.05	8	0.19	503	0.6	0.016	7.1	0.122
06JCS132	<.1	0.65	1.5	0.9	<.1	70	0.1	0.33	0.1	4.9	16.0	12.1	1.69	3	0.01	0.10	13	0.26	340	0.8	0.020	6.9	0.082
06JCS133	0.2	0.87	1.2	<.5	1	48	0.2	0.15	<.1	3.6	10.0	11.8	1.44	3	0.01	0.03	7	0.13	86	0.4	0.014	6.2	0.043
06JCS134	0.4	1.71	3.8	1.7	2	356	0.2	0.43	0.1	5.4	14.0	18.1	1.90	5	0.01	0.07	14	0.25	473	0.6	0.028	8.0	0.021
06JCS135	0.3	1.85	1.4	<.5	3	192	0.2	0.27	0.2	4.7	10.0	9.7	1.67	6	0.02	0.10	7	0.19	493	0.9	0.020	6.9	0.053
06JCS136	0.5	2.01	1.7	<.5	<.1	131	0.2	0.14	0.1	5.5	10.0	18.5	2.28	7	0.02	0.06	10	0.35	434	1.7	0.012	7.2	0.064
06JCS137	0.2	1.51	0.8	<.5	1	312	0.1	0.40	0.5	7.4	15.0	9.1	3.69	7	0.02	0.15	49	0.57	2363	3.7	0.013	8.8	0.116
06JCS137 Re	0.2	1.57	0.7	<.5	1	308	0.1	0.41	0.6	7.9	15.0	9.9	3.71	8	0.03	0.17	49	0.59	2435	3.7	0.013	8.2	0.119
06JCS138	0.7	1.64	0.9	22.2	2	252	0.1	0.18	0.3	4.0	6.0	14.1	2.40	5	0.02	0.10	34	0.17	958	1.5	0.011	3.9	0.056
06JCS139	<.1	1.38	1.0	<.5	1	287	0.2	0.44	0.2	2.8	4.0	3.6	1.51	5	0.02	0.17	17	0.13	533	0.7	0.025	2.9	0.047
06JCS140	0.2	2.02	1.1	<.5	2	141	0.1	0.15	0.1	3.7	6.0	7.3	1.49	7	0.02	0.04	7	0.13	343	0.7	0.027	5.1	0.066
06JCS141	0.2	1.88	1.0	<.5	1	147	0.2	0.35	0.2	4.2	9.0	9.6	1.75	7	0.02	0.10	11	0.14	374	0.4	0.031	5.5	0.083
06JCS142	0.1	1.49	0.8	0.7	<.1	75	0.1	0.18	0.2	4.4	7.0	7.2	1.72	5	0.02	0.03	5	0.11	964	0.5	0.026	4.4	0.178
06JCS143	0.3	2.26	1.5	0.6	<.1	148	0.2	0.19	0.1	4.9	9.0	13.6	2.03	7	0.03	0.06	16	0.21	472	1.0	0.021	6.1	0.051
06JCS144	0.2	1.44	1.1	1.0	2	512	0.1	0.21	0.1	4.8	11.0	10.2	1.81	5	0.01	0.08	9	0.19	421	0.8	0.018	7.2	0.055
06JCS145	0.3	1.41	2.1	<.5	1	132	0.1	0.18	0.1	4.6	9.0	11.0	1.60	5	0.02	0.05	7	0.16	691	0.5	0.019	5.8	0.083
06JCS146	0.2	1.44	1.3	<.5	1	149	0.1	0.21	0.1	3.9	6.0	8.4	1.56	5	0.02	0.07	8	0.16	763	0.7	0.019	4.5	0.072
06JCS147	0.4	1.13	1.3	<.5	<.1	99	0.1	0.19	0.1	3.5	8.0	7.2	1.58	4	0.02	0.05	8	0.13	353	0.6	0.018	5.7	0.093
06JCS148	0.4	1.21	2.5	1.1	<.1	116	0.1	0.15	0.1	4.0	8.0	9.2	1.57	4	0.01	0.06	11	0.14	372	0.5	0.017	5.1	0.048
06JCS149	0.3	1.60	1.7	<.5	<.1	214	0.4	0.19	0.1	3.5	6.0	9.1	1.36	5	0.02	0.05	6	0.12	571	0.6	0.022	4.4	0.083
06JCS150	0.6	1.26	1.5	1.6	<.1	200	0.2	0.25	0.1	3.7	9.0	14.3	1.62	4	0.02	0.08	21	0.20	376	0.5	0.022	5.0	0.019
06JCS151	0.8	0.91	1.1	<.5	<.1	116	0.1	0.22	0.1	3.7	9.0	15.3	1.61	3	0.01	0.06	30	0.17	437	0.6	0.018	4.8	0.020
06JCS152	0.3	1.44	1.4	2.9	<.1	98	0.1	0.14	0.1	3.9	8.0	9.1	1.54	5	0.02	0.04	7	0.13	325	0.7	0.018	4.8	0.060
06JCS153	0.3	1.33	1.3	<.5	1	94	0.1	0.14	0.1	3.5	7.0	8.5	1.31	4	0.02	0.04	8	0.12	385	0.9	0.016	5.0	0.114
06JCS154	0.3	1.42	1.2	<.5	1	99	0.1	0.15	0.1	3.6	7.0	8.7	1.38	5	0.02	0.04	6	0.11	355	0.5	0.019	5.9	0.096
06JCS155	0.2	1.56	1.3	<.5	<.1	102	0.1	0.16	<.1	5.0	10.0	12.3	1.66	5	0.02	0.04	7	0.17	229	0.5	0.016	6.9	0.069
06JCS156	0.2	1.97	1.5	<.5	1	298	0.1	0.32	0.1	6.2	15.0	16.2	1.92	6	0.02	0.06	47	0.24	309	0.7	0.020	9.8	0.052
06JCS157	0.3	1.59	1.2	<.5	1	79	0.1	0.19	0.1	5.8	13.0	14.4	1.66	5	0.02	0.04	7	0.23	405	0.5	0.017	8.5	0.091
06JCS158	0.4	1.46	1.1	0.8	<.1	67	0.1	0.17	0.1	6.7	15.0	14.5	1.64	5	0.02	0.03	6	0.24	397	0.4	0.017	8.5	0.085
06JCS159	0.5	1.51	1.3	7.6	<.1	111	0.1	0.22	0.1	6.0	16.0	16.0	1.73	6	0.03	0.04	6	0.26	129	0.4	0.016	9.2	0.077
Std DS7	0.9	0.95	47.1	55.4	39	367	4.5	0.93	6.1	9.5	165.0	110.3	2.34	5	0.20	0.44	12	1.03	616	20.4	0.074	55.5	0.078

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: 



TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333  
 Date: December 06, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 146 Soil

MULTIELEMENT ICP-MS ANALYSIS  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06JCS160	0.2	1.58	0.9	0.6	1	125	0.2	0.27	0.1	5.9	16.0	14.3	1.55	6	0.01	0.04	6	0.32	175	0.4	0.020	10.2	0.056
06JCS161	0.2	1.47	0.9	1.0	2	83	0.1	0.20	<1	6.2	15.0	13.5	1.57	5	0.02	0.04	4	0.26	329	0.5	0.020	10.7	0.100
06JCS162	0.1	1.27	1.1	0.7	1	66	0.1	0.19	0.1	5.9	16.0	12.3	1.55	5	0.02	0.04	4	0.24	254	0.5	0.016	10.2	0.099
06JCS162 Re	0.2	1.32	1.0	0.6	3	65	0.1	0.20	0.1	6.3	16.0	12.4	1.59	5	0.02	0.04	4	0.25	262	0.4	0.017	11.1	0.104
06JCS163	0.2	1.42	1.4	26.2	<1	108	0.1	0.27	<1	6.4	18.0	20.1	1.71	5	0.02	0.05	7	0.33	308	0.3	0.022	12.0	0.046
06JCS164	0.1	1.43	0.9	1.6	1	162	0.1	0.29	0.1	5.3	17.0	15.4	1.66	5	0.01	0.05	8	0.27	254	0.4	0.023	9.5	0.029
06JCS165	<1	0.65	<5	0.6	<1	27	<1	0.35	<1	1.4	3.0	3.5	0.47	4	0.01	0.01	3	0.09	40	0.1	0.049	1.5	0.067
06JCS166	0.3	0.30	0.6	2.0	2	80	<1	1.51	0.1	0.7	15.0	16.8	0.38	1	0.04	0.02	7	0.09	27	2.0	0.039	5.0	0.064
06JCS167	0.1	0.75	0.8	1.6	<1	73	0.1	0.41	0.1	1.3	6.0	21.4	0.56	3	0.03	0.01	8	0.07	28	0.2	0.044	4.9	0.072
06JCS168	0.2	0.19	<5	<5	4	135	<1	1.86	<1	0.7	11.0	11.5	0.72	<1	0.05	0.02	2	0.10	28	0.9	0.034	3.8	0.046
06JCS169	0.1	1.25	0.6	0.7	<1	111	0.1	0.24	0.1	4.7	13.0	12.5	1.16	5	0.02	0.04	6	0.21	97	0.3	0.020	7.3	0.045
06JCS170	0.2	1.45	0.9	1.1	<1	60	0.2	0.18	0.1	6.1	15.0	14.1	1.60	5	0.02	0.04	5	0.22	175	0.4	0.018	10.3	0.106
06JCS171	<1	1.89	1.1	<5	1	93	0.1	0.17	<1	5.6	15.0	14.1	1.56	6	0.01	0.04	5	0.23	235	0.6	0.017	10.1	0.064
06JCS172	0.2	1.40	1.0	0.7	<1	84	0.2	0.32	<1	3.2	12.0	17.3	1.06	4	0.02	0.05	39	0.21	130	0.4	0.025	6.0	0.020
06JCS173	<1	1.08	1.1	0.8	1	44	0.1	0.09	<1	3.1	9.0	8.2	1.28	4	0.02	0.02	5	0.10	70	0.6	0.015	4.8	0.062
06JCS174	0.1	1.46	1.2	0.7	1	100	0.1	0.13	<1	4.0	10.0	9.0	1.40	5	0.02	0.04	5	0.12	83	0.5	0.019	6.5	0.041
06JCS175	0.2	1.79	1.7	1.7	1	271	0.1	0.35	0.1	6.0	24.0	18.8	1.89	5	0.02	0.04	10	0.27	157	0.6	0.032	16.0	0.024
06JCS176	0.1	1.62	1.4	0.9	2	128	0.1	0.15	<1	4.4	12.0	12.4	1.39	5	0.03	0.02	6	0.13	59	0.8	0.023	7.3	0.025
06JCS177	0.1	1.58	2.0	0.7	1	89	0.1	0.17	<1	4.8	13.0	14.0	1.60	5	0.02	0.03	7	0.14	154	0.5	0.019	8.1	0.068
06JCS178	0.8	1.80	1.7	1.8	2	90	0.1	0.11	0.1	4.7	10.0	14.6	1.64	5	0.03	0.03	6	0.16	424	1.0	0.019	6.4	0.073
06JCS179	0.1	1.96	1.6	3.0	1	129	0.1	0.17	<1	4.4	11.0	11.0	1.58	6	0.02	0.04	9	0.16	205	1.0	0.018	7.3	0.052
06JCS180	0.2	1.31	1.2	1.3	1	99	0.1	0.17	0.1	4.8	12.0	8.9	1.46	4	0.01	0.04	7	0.15	240	0.5	0.017	7.1	0.058
06JCS181	0.2	1.16	1.0	<5	<1	106	0.1	0.19	0.1	4.2	11.0	9.3	1.37	4	0.02	0.04	9	0.19	154	0.3	0.020	6.8	0.023
06JCS182	0.1	1.35	0.8	<5	1	130	0.1	0.15	<1	2.8	10.0	11.9	1.14	4	0.01	0.04	7	0.16	106	0.2	0.024	7.2	0.020
06JCS183	0.1	1.64	1.4	0.8	1	132	0.1	0.31	<1	5.6	31.0	14.9	1.59	5	0.02	0.07	8	0.49	211	0.4	0.018	14.4	0.025
06JCS184	0.2	1.44	1.6	<5	<1	112	0.1	0.20	<1	5.2	19.0	18.2	1.47	5	0.02	0.04	10	0.29	173	0.3	0.022	10.0	0.028
06JCS185	0.2	1.02	1.4	0.8	1	70	0.1	0.12	0.1	4.3	11.0	8.0	1.35	4	0.02	0.03	7	0.16	276	0.4	0.015	6.5	0.066
06JCS186	0.2	0.86	0.6	0.9	1	126	0.1	0.16	0.1	2.7	9.0	6.0	0.98	3	0.01	0.04	9	0.14	130	0.3	0.021	4.6	0.015
06JCS187	0.3	1.63	1.5	<5	1	142	0.1	0.17	0.1	4.7	13.0	11.4	1.60	5	0.01	0.05	10	0.18	213	0.5	0.018	7.1	0.056
06JCS188	0.2	1.22	1.1	0.8	1	84	0.1	0.11	0.1	3.9	8.0	6.8	1.31	4	0.03	0.04	8	0.12	250	0.6	0.016	6.7	0.077
06JCS189	0.2	1.42	1.2	<5	1	97	0.1	0.13	0.1	4.4	9.0	8.1	1.49	5	0.02	0.05	8	0.15	267	0.7	0.017	7.3	0.078
06JCS190	0.3	1.71	1.2	0.6	1	172	0.1	0.19	0.1	4.6	10.0	10.3	1.52	5	0.02	0.05	9	0.17	219	0.5	0.020	7.8	0.068
06JCS191	0.3	1.60	1.2	<5	1	173	0.1	0.19	0.1	4.2	10.0	11.4	1.40	5	0.02	0.06	13	0.15	236	0.4	0.019	7.8	0.085
06JCS192	0.2	1.67	1.3	<5	1	195	0.1	0.17	0.2	4.5	10.0	13.1	1.51	5	0.01	0.07	10	0.16	533	0.6	0.019	7.3	0.104
Std DS7	0.8	0.95	45.2	51.9	37	364	4.4	0.91	6.1	9.4	164.0	103.6	2.33	4	0.20	0.43	12	1.02	614	20.0	0.073	55.0	0.077

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: 

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333  
 Date: December 06, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 146 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06JCS193	0.1	1.38	1.0	0.5	<1	106	0.1	0.13	0.1	3.4	8.0	9.3	1.36	4	0.02	0.03	10	0.12	301	0.5	0.017	5.2	0.076
06JCS194	0.2	1.45	1.3	<5	<1	111	0.1	0.14	0.1	4.1	9.0	11.5	1.38	4	0.02	0.04	8	0.15	348	0.7	0.018	6.4	0.100
06JCS195	0.6	3.01	1.2	5.7	<1	245	0.2	0.49	0.1	5.1	22.0	32.8	2.71	9	0.03	0.08	31	0.24	416	1.9	0.023	13.2	0.030
06JCS196	0.3	1.31	1.0	<5	<1	68	0.1	0.14	0.1	3.9	10.0	10.0	1.50	4	0.02	0.03	8	0.12	122	0.4	0.017	6.3	0.052
06JCS197	0.2	1.30	0.6	<5	<1	69	0.1	0.12	<1	3.5	8.0	9.3	1.36	4	0.02	0.03	9	0.11	194	0.4	0.016	5.7	0.061
06JCS198	0.1	1.51	1.0	1.7	<1	77	0.1	0.14	<1	3.5	9.0	9.0	1.38	5	0.02	0.03	9	0.14	182	0.6	0.017	5.3	0.079
06JCS199	0.3	1.63	1.2	<5	<1	85	0.1	0.15	0.1	4.9	12.0	12.7	1.67	5	0.02	0.04	10	0.15	370	0.6	0.017	8.0	0.094
06JCS200	0.2	1.31	0.9	<5	<1	120	0.1	0.26	<1	4.5	12.0	11.0	1.57	4	0.01	0.05	13	0.20	225	0.4	0.022	7.1	0.025
06JCS201	0.1	1.51	1.5	<5	<1	61	0.1	0.11	0.1	4.2	12.0	9.2	1.77	5	0.02	0.03	7	0.14	219	0.8	0.015	6.6	0.087
06JCS202	0.1	1.97	1.5	0.6	<1	59	0.1	0.11	0.1	4.9	14.0	13.7	1.81	5	0.02	0.03	7	0.16	301	0.6	0.020	7.9	0.085
06JCS203	<1	1.01	0.9	<5	<1	50	0.1	0.11	<1	3.4	11.0	8.2	1.27	3	0.01	0.03	7	0.11	86	0.5	0.014	5.9	0.062
06JCS203 Re	<1	0.94	0.7	<5	<1	51	0.1	0.11	<1	3.2	11.0	7.6	1.17	3	0.02	0.03	6	0.10	83	0.4	0.013	5.4	0.062
06JCS204	<1	1.01	0.8	<5	<1	51	0.1	0.13	<1	3.5	13.0	8.1	1.22	3	0.02	0.03	7	0.10	90	0.4	0.014	6.5	0.062
06JCS205	0.6	1.17	<5	2.0	<1	170	0.1	0.28	0.1	2.4	10.0	9.8	1.12	4	0.02	0.04	27	0.09	94	0.6	0.019	6.2	0.017
06JCS206	1.7	2.22	1.5	2.9	<1	334	0.1	0.52	0.3	4.8	16.0	37.4	2.15	6	0.05	0.06	42	0.17	318	2.1	0.027	9.1	0.034
Std DS7	0.9	0.95	48.7	96.3	40	364	4.5	0.96	6.2	9.7	165.0	105.6	2.31	4	0.20	0.45	13	1.03	637	19.9	0.079	54.2	0.080

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333  
 Date: December 06, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 146 Soil

MULTIELEMENT ICP-MS ANALYSIS  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06JCS061	13.5	<.05	0.2	1.1	<.5	9	<.1	2.0	0.068	<.1	0.8	40	0.1	173
06JCS062	10.9	<.05	0.1	1.3	<.5	13	<.1	2.2	0.071	0.1	0.8	37	0.1	59
06JCS063	12.1	<.05	0.2	1.2	<.5	17	<.1	2.2	0.070	0.1	1.0	35	0.1	70
06JCS064	9.4	<.05	0.1	1.0	<.5	11	<.1	2.5	0.051	<.1	0.7	37	0.1	61
06JCS065	8.1	<.05	0.1	1.1	<.5	8	<.1	2.2	0.061	0.1	0.5	33	0.1	58
06JCS066	7.2	<.05	0.1	0.9	<.5	10	<.1	1.9	0.057	<.1	0.4	36	0.1	51
06JCS067	8.4	<.05	0.1	0.8	<.5	9	<.1	2.2	0.046	<.1	0.5	33	0.1	43
06JCS068	8.6	<.05	0.1	2.0	<.5	29	<.1	3.6	0.063	0.1	5.8	33	0.1	33
06JCS069	8.4	<.05	0.1	0.8	<.5	11	<.1	1.8	0.050	<.1	0.4	34	0.1	45
06JCS070	9.3	<.05	0.1	1.0	<.5	11	<.1	1.8	0.052	<.1	0.5	30	0.1	59
06JCS070 Re	9.0	<.05	0.1	1.0	<.5	11	<.1	1.9	0.052	<.1	0.4	32	0.1	58
06JCS071	7.1	<.05	0.1	0.9	<.5	11	<.1	1.4	0.059	<.1	0.4	35	0.1	50
06JCS072	7.2	<.05	0.1	1.1	<.5	10	<.1	1.9	0.071	<.1	0.6	44	0.1	45
06JCS073	6.4	<.05	0.2	1.1	<.5	9	<.1	1.9	0.074	<.1	0.4	45	0.1	56
06JCS074	18.8	<.05	0.1	2.6	0.5	53	<.1	5.7	0.081	0.1	7.5	44	0.1	98
06JCS075	6.1	<.05	0.1	1.1	<.5	13	<.1	1.7	0.070	<.1	0.5	39	0.1	39
06JCS076	7.1	<.05	0.1	1.2	<.5	17	<.1	2.0	0.072	<.1	0.8	40	0.1	36
06JCS077	6.9	<.05	0.1	1.3	0.5	22	<.1	2.3	0.089	<.1	0.8	39	0.4	38
06JCS078	4.5	<.05	0.1	1.0	<.5	26	<.1	1.4	0.078	<.1	1.0	45	0.1	38
06JCS079	3.4	<.05	0.1	0.6	<.5	14	<.1	0.8	0.065	<.1	0.2	14	<.1	10
06JCS080	5.8	<.05	0.1	0.9	0.6	21	<.1	0.9	0.096	<.1	0.5	36	0.1	29
06JCS081	4.4	<.05	0.1	1.2	<.5	8	<.1	1.6	0.067	<.1	0.5	43	0.2	27
06JCS082	4.9	<.05	0.2	1.2	<.5	12	<.1	1.8	0.076	<.1	0.5	40	1.1	32
06JCS083	4.1	<.05	0.1	1.2	<.5	10	<.1	1.3	0.069	<.1	0.4	29	0.1	12
06JCS084	3.5	<.05	0.3	1.0	1.6	23	<.1	0.1	0.019	<.1	8.0	10	0.1	4
06JCS085	3.7	0.15	0.3	0.5	0.6	38	<.1	0.1	0.004	0.1	7.7	16	0.1	9
06JCS086	11.7	<.05	0.1	1.0	<.5	13	<.1	2.3	0.047	0.1	0.6	32	0.2	205
06JCS087	13.0	<.05	0.1	0.9	<.5	14	<.1	2.0	0.065	<.1	0.6	31	0.1	101
06JCS088	8.6	<.05	<.1	1.1	<.5	10	<.1	3.5	0.051	0.1	0.7	32	0.1	61
06JCS089	8.9	<.05	0.1	1.1	<.5	13	<.1	2.2	0.054	<.1	0.6	40	0.1	73
06JCS090	14.6	<.05	0.1	1.5	0.6	28	<.1	2.7	0.063	0.1	1.8	29	0.1	108
06JCS091	12.0	<.05	0.1	1.0	<.5	19	<.1	2.1	0.077	0.1	0.6	28	0.6	78
06JCS092	8.1	<.05	0.1	1.0	<.5	10	<.1	2.0	0.051	0.1	0.6	38	3.0	69
06JCS093	8.4	<.05	0.1	1.1	<.5	15	<.1	2.3	0.064	<.1	0.7	34	0.1	76
Std DS7	70.1	0.22	5.6	2.5	3.7	72	1	4.4	0.122	4.1	5.0	84	3.7	388

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333  
 Date: December 06, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 146 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06JCS094	9.8	<05	0.1	1.2	<5	11	<1	3.5	0.063	<1	0.9	35	0.1	127
06JCS095	16.0	<05	0.1	1.1	<5	11	<1	3.0	0.060	0.1	0.8	39	0.1	118
06JCS096	16.1	<05	0.1	1.4	<5	17	<1	5.3	0.065	0.1	0.8	43	0.2	166
06JCS097	16.1	<05	0.1	1.0	<5	16	<1	3.3	0.037	0.1	0.9	42	0.1	208
06JCS098	28.8	<05	0.1	3.0	<5	43	<1	6.6	0.077	0.1	14.4	44	0.1	248
06JCS099	10.7	<05	0.1	1.0	<5	15	<1	1.9	0.069	0.1	0.5	37	0.2	184
06JCS100	17.8	<05	0.1	1.3	<5	17	<1	3.0	0.082	0.1	0.9	44	0.1	244
06JCS101	12.8	<05	0.1	2.1	<5	39	<1	2.2	0.093	0.1	2.4	48	0.1	141
06JCS102	9.6	<05	0.1	2.0	<5	16	<1	2.1	0.137	0.1	0.6	62	0.1	72
06JCS103	9.9	<05	0.1	1.8	<5	17	<1	2.9	0.109	0.1	0.7	52	0.4	73
06JCS104	10.4	0.07	0.4	2.1	0.7	96	<1	1.8	0.053	0.1	15.1	75	0.1	68
06JCS105	9.3	<05	0.1	1.7	<5	13	<1	2.4	0.106	0.1	0.7	53	0.2	76
06JCS106	9.8	<05	0.1	1.0	<5	28	<1	1.7	0.080	<1	1.5	45	0.1	66
06JCS107	9.2	<05	0.1	1.1	<5	22	<1	2.0	0.060	<1	1.7	43	0.1	80
06JCS107 Re	9.8	<05	0.1	1.1	<5	22	<1	1.7	0.059	<1	1.6	41	0.1	78
06JCS108	9.8	<05	0.1	1.3	<5	25	<1	2.1	0.067	<1	1.9	35	0.1	122
06JCS109	5.5	<05	0.1	1.0	<5	13	<1	1.3	0.071	<1	0.6	38	0.1	33
06JCS110	5.4	<05	0.1	1.4	<5	11	<1	1.9	0.071	<1	0.5	50	0.1	33
06JCS111	5.6	<05	0.1	1.2	<5	11	<1	2.0	0.080	<1	0.5	42	0.1	46
06JCS112	7.4	<05	0.1	1.3	<5	19	<1	2.3	0.080	0.1	1.1	52	<1	23
06JCS113	5.4	<05	0.1	1.0	<5	13	<1	1.2	0.070	<1	0.5	25	1.2	24
06JCS114	5.3	<05	0.1	0.9	<5	15	<1	1.0	0.074	<1	0.6	30	0.1	26
06JCS115	5.5	<05	0.1	1.2	<5	13	<1	1.3	0.072	<1	0.4	36	0.1	42
06JCS116	4.6	<05	0.1	1.3	<5	12	<1	2.0	0.077	0.1	0.6	37	0.1	27
06JCS117	7.2	<05	0.1	1.2	<5	12	<1	1.8	0.087	<1	0.8	38	0.3	59
06JCS118	12.1	<05	0.1	1.0	<5	10	<1	2.1	0.037	0.1	0.7	34	0.1	65
06JCS119	6.2	<05	<1	0.7	<5	21	<1	0.6	0.041	<1	0.9	20	0.2	61
06JCS120	7.1	0.19	0.2	1.0	0.5	40	<1	0.2	0.018	0.1	8.1	29	0.1	29
06JCS121	10.6	<05	0.1	0.9	<5	23	<1	0.7	0.052	0.1	1.0	26	0.1	73
06JCS122	8.1	<05	0.1	1.5	<5	16	<1	5.1	0.055	0.1	0.8	43	0.1	46
06JCS123	8.0	<05	0.1	1.4	<5	12	<1	2.0	0.084	0.1	0.6	51	0.1	63
06JCS124	7.4	<05	0.1	0.9	<5	20	<1	1.1	0.079	<1	0.4	32	0.1	63
06JCS125	10.0	<05	0.2	2.1	<5	26	<1	3.3	0.089	0.1	2.4	55	0.2	95
06JCS126	10.3	<05	0.1	1.7	<5	15	<1	2.1	0.108	0.1	0.7	56	0.2	83
Std DS7	71.0	0.26	5.4	2.5	3.8	70	1	4.7	0.128	4.2	4.8	85	3.8	391

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 146 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333


Date: December 06, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06JCS127	9.2	<05	0.1	1.2	<5	15	<1	2.5	0.067	0.1	1.1	40	0.1	226
06JCS128	8.8	<05	0.1	1.8	<5	13	<1	2.4	0.087	0.1	0.7	45	0.1	67
06JCS129	1.5	0.14	0.2	0.7	<5	23	<1	0.2	0.007	<1	1.8	11	<1	14
06JCS130	26.0	<05	0.3	2.3	<5	58	<1	1.3	0.057	0.1	3.2	43	0.3	255
06JCS131	21.5	<05	0.1	1.3	<5	23	<1	1.5	0.052	<1	0.6	40	0.2	176
06JCS132	19.5	<05	0.1	2.0	<5	21	<1	2.9	0.071	0.1	0.7	46	0.1	81
06JCS133	12.9	<05	0.1	1.1	<5	13	<1	1.6	0.055	0.1	0.4	38	0.2	74
06JCS134	21.9	<05	0.4	2.6	<5	56	<1	3.0	0.080	0.1	3.7	40	0.1	117
06JCS135	23.1	<05	0.1	1.4	<5	18	<1	2.3	0.070	0.1	0.8	36	0.1	249
06JCS136	49.8	<05	0.1	1.9	<5	12	<1	3.3	0.053	0.1	0.6	41	0.1	171
06JCS137	68.4	<05	0.1	4.4	<5	17	<1	10.2	0.039	0.2	3.5	40	0.1	351
06JCS137 Re	67.4	<05	0.2	4.4	<5	18	<1	9.8	0.040	0.2	3.5	40	0.1	371
06JCS138	80.3	<05	0.1	2.1	<5	13	<1	6.2	0.016	0.2	2.5	30	0.1	395
06JCS139	35.8	<05	0.1	1.0	<5	32	<1	4.8	0.022	0.2	0.5	28	0.1	285
06JCS140	15.2	<05	0.1	1.1	<5	15	<1	1.5	0.085	0.1	0.4	31	0.1	157
06JCS141	19.0	<05	0.1	1.2	<5	29	<1	1.5	0.065	0.1	0.8	35	0.1	254
06JCS142	8.8	<05	0.1	1.0	<5	17	<1	1.4	0.085	0.1	0.4	42	0.1	157
06JCS143	19.0	<05	0.1	1.6	<5	17	<1	3.6	0.074	0.1	2.1	38	0.1	136
06JCS144	42.1	<05	0.2	1.2	<5	18	<1	1.2	0.047	0.1	0.8	36	0.1	332
06JCS145	40.8	<05	0.1	1.1	<5	15	<1	1.7	0.054	0.1	0.4	35	0.1	278
06JCS146	17.3	<05	0.1	1.2	<5	17	<1	1.7	0.053	0.1	0.5	30	0.1	224
06JCS147	18.3	<05	0.1	0.8	<5	17	<1	1.2	0.041	0.1	0.4	31	0.1	127
06JCS148	41.2	<05	0.1	1.0	<5	15	<1	1.0	0.044	0.1	0.7	33	0.1	229
06JCS149	20.1	<05	<1	1.1	<5	19	<1	1.1	0.050	0.1	0.6	27	0.1	217
06JCS150	19.3	<05	0.1	2.0	<5	24	<1	2.1	0.053	0.1	2.5	36	0.1	121
06JCS151	17.4	<05	0.1	1.8	<5	20	<1	1.8	0.050	0.1	2.6	37	0.1	119
06JCS152	17.8	<05	<1	1.2	<5	13	<1	1.6	0.059	0.1	0.5	33	0.1	138
06JCS153	19.3	<05	0.1	1.1	<5	12	<1	1.5	0.049	0.1	0.5	27	0.1	135
06JCS154	17.3	<05	0.1	1.2	<5	13	<1	1.4	0.068	0.1	0.5	30	0.1	141
06JCS155	12.1	<05	0.1	1.3	<5	15	<1	1.5	0.057	0.1	0.4	39	0.1	95
06JCS156	19.7	<05	0.1	1.5	<5	35	<1	1.6	0.071	0.1	1.8	44	0.1	106
06JCS157	11.7	<05	0.1	1.6	<5	18	<1	1.8	0.082	0.1	0.5	40	0.1	177
06JCS158	9.1	<05	0.1	1.5	<5	17	<1	1.5	0.084	0.1	0.4	43	0.1	156
06JCS159	9.0	<05	0.1	1.4	<5	23	<1	1.1	0.081	<1	0.6	43	<1	94
Std DS7	67.9	0.23	4.9	2.4	3.3	68	1	4.4	0.120	4.2	4.7	84	3.8	410

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:  \_\_\_\_\_  
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333  
 Date: December 06, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 146 Soil

MULTIELEMENT ICP-MS ANALYSIS  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06JCS160	8.3	<.05	0.1	1.6	<.5	24	<.1	1.2	0.087	0.1	1.3	40	0.1	74
06JCS161	4.2	<.05	0.1	1.6	<.5	20	<.1	1.6	0.084	0.1	0.4	41	0.1	77
06JCS162	4.5	<.05	0.1	1.2	<.5	17	<.1	1.3	0.082	0.1	0.5	41	0.1	82
06JCS162 Re	4.5	<.05	0.1	1.4	<.5	17	<.1	1.3	0.084	<.1	0.4	41	0.1	85
06JCS163	6.2	<.05	0.1	1.7	<.5	30	<.1	1.2	0.088	0.1	0.6	44	<.1	73
06JCS164	6.5	<.05	0.1	1.8	<.5	29	<.1	1.4	0.081	0.1	1.0	42	<.1	41
06JCS165	2.6	<.05	<.1	0.5	<.5	23	<.1	0.3	0.076	<.1	0.3	16	<.1	13
06JCS166	8.7	0.34	0.2	0.9	0.6	132	<.1	0.3	0.007	<.1	3.7	11	0.1	14
06JCS167	4.7	<.05	0.2	1.3	0.6	30	<.1	0.9	0.066	<.1	3.1	32	0.1	8
06JCS168	3.9	0.21	0.1	0.5	<.5	160	<.1	0.3	0.007	<.1	1.5	7	0.1	12
06JCS169	5.5	<.05	0.1	1.2	<.5	31	<.1	0.6	0.075	<.1	0.5	31	<.1	44
06JCS170	5.4	<.05	0.1	1.6	<.5	17	<.1	1.4	0.090	<.1	0.4	42	0.1	62
06JCS171	6.2	<.05	0.1	1.4	<.5	20	<.1	1.7	0.086	0.1	0.5	37	0.1	58
06JCS172	11.6	<.05	<.1	2.0	<.5	50	<.1	4.7	0.057	0.1	4.0	24	<.1	28
06JCS173	7.2	<.05	0.1	1.0	<.5	9	<.1	1.6	0.060	<.1	0.4	33	0.1	50
06JCS174	8.1	<.05	0.1	1.0	<.5	15	<.1	1.3	0.069	<.1	0.5	33	0.1	44
06JCS175	12.2	<.05	0.1	1.7	<.5	31	<.1	2.1	0.093	<.1	4.3	46	0.1	89
06JCS176	7.0	<.05	0.1	1.3	<.5	16	<.1	1.6	0.085	<.1	1.6	35	0.1	26
06JCS177	10.5	<.05	0.1	1.2	<.5	18	<.1	1.6	0.074	<.1	0.6	39	0.1	45
06JCS178	36.0	<.05	0.1	1.5	<.5	10	<.1	1.6	0.066	0.1	0.6	39	0.7	114
06JCS179	14.1	<.05	0.1	1.3	<.5	16	<.1	1.8	0.068	0.1	1.3	36	0.2	72
06JCS180	9.8	<.05	0.1	1.1	<.5	15	<.1	1.5	0.059	0.1	0.4	36	0.1	111
06JCS181	11.5	<.05	<.1	1.1	<.5	20	<.1	1.2	0.058	0.1	0.6	36	<.1	97
06JCS182	13.8	<.05	<.1	1.1	<.5	16	<.1	1.4	0.058	0.1	0.4	26	0.1	66
06JCS183	12.5	<.05	0.1	2.0	<.5	32	<.1	1.8	0.103	0.1	0.8	39	0.1	86
06JCS184	9.1	<.05	0.1	1.5	<.5	22	<.1	1.5	0.074	0.1	0.6	39	0.1	70
06JCS185	10.1	<.05	0.1	1.0	<.5	11	<.1	1.5	0.052	<.1	0.4	35	0.1	94
06JCS186	10.3	<.05	0.1	0.9	<.5	18	<.1	1.0	0.042	0.1	0.5	25	<.1	82
06JCS187	14.5	<.05	0.1	1.2	<.5	18	<.1	1.6	0.051	0.1	1.0	36	0.1	109
06JCS188	10.3	<.05	0.1	1.0	<.5	11	<.1	1.9	0.050	0.1	0.4	32	0.1	114
06JCS189	11.6	<.05	0.1	1.1	<.5	13	<.1	1.9	0.055	0.1	0.5	35	0.1	125
06JCS190	11.6	<.05	<.1	1.1	<.5	22	<.1	1.3	0.055	0.1	0.6	34	0.1	119
06JCS191	13.3	<.05	0.1	1.3	<.5	20	<.1	1.8	0.050	0.1	1.1	30	0.1	135
06JCS192	15.3	<.05	0.1	1.5	<.5	18	<.1	2.1	0.050	0.1	0.7	33	0.1	147
Std DS7	68.2	0.20	4.9	2.4	3.2	66	1	4.2	0.119	4.2	4.7	85	3.7	406

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_

**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 146 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21333

Date: December 06, 2006

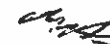
**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06JCS193	13.1	<05	0.1	1.3	<5	12	<1	2.1	0.052	0.1	0.4	32	0.1	81
06JCS194	14.4	<05	0.1	1.6	<5	14	<1	2.0	0.066	0.1	0.6	33	0.2	92
06JCS195	11.9	<05	0.1	3.6	<5	57	<1	4.9	0.080	0.1	6.3	53	0.1	42
06JCS196	7.3	<05	0.1	1.0	<5	15	<1	1.4	0.064	<1	0.5	35	0.1	37
06JCS197	7.1	<05	0.1	1.2	<5	13	<1	1.6	0.060	0.1	0.4	32	0.1	49
06JCS198	7.1	<05	0.1	1.1	<5	13	<1	1.6	0.050	0.1	0.6	31	0.1	54
06JCS199	8.2	<05	0.1	1.7	<5	16	<1	1.8	0.071	0.1	0.6	40	0.1	74
06JCS200	9.7	<05	<1	1.5	<5	23	<1	1.8	0.071	0.1	1.8	43	0.1	55
06JCS201	9.5	<05	0.1	1.1	<5	10	<1	2.0	0.073	<1	0.5	44	0.1	65
06JCS202	9.0	<05	0.1	1.6	<5	11	<1	2.3	0.097	0.1	0.6	45	0.2	59
06JCS203	6.1	<05	0.1	1.0	<5	10	<1	1.9	0.059	<1	0.4	34	0.1	34
06JCS203 Re	5.9	<05	0.1	0.9	<5	11	<1	1.5	0.056	<1	0.3	31	0.1	33
06JCS204	6.0	<05	0.1	1.1	<5	13	<1	1.4	0.064	<1	0.4	33	0.1	27
06JCS205	15.4	<05	<1	1.3	0.5	27	<1	1.1	0.033	0.1	2.6	23	0.1	68
06JCS206	17.9	<05	0.1	3.0	0.6	53	<1	2.3	0.073	0.1	21.5	45	0.1	201
Std DS7	72.6	0.19	5.0	2.4	3.3	70	1	5.4	0.124	4.2	5.2	89	3.7	388

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO<sub>3</sub>  
at 95C for 1 hour and diluted to 15 ml with D.I. H<sub>2</sub>O.

Signed: \_\_\_\_\_





2 - 302 48th Street • Saskatoon, SK • S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com



Company: APEX Geoscience Ltd.  
Geologist: K. Raffle  
Project: 06SWS001  
Purchase Order: 99123

TSL Report: S21334  
Date Received: Nov 10, 2006  
Date Reported: Nov 20, 2006  
Invoice: 40999

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Soil	163	-80 mesh	Dry, Screen

Standard Procedure:

Samples for Au Fire Assay/AA (ppb) are weighed at 30 grams.

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppb	Fire Assay/AA	5	3000
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21334
-----------------------------

**SAMPLE(S) OF**  
163 Soil/0 Pulp

INVOICE #: 40999  
P.O. : 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS033	<5		S21334
06RMS034	<5		S21334
06RMS035	<5		S21334
06RMS036	<5		S21334
06RMS037	<5		S21334
06RMS038	<5		S21334
06RMS039	<5		S21334
06RMS040	<5		S21334
06RMS041	<5	<5	S21334
06RMS042	5		S21334
06RMS043	<5		S21334
06RMS044	<5		S21334
06RMS045	<5		S21334
06RMS046	<5		S21334
06RMS047	<5		S21334
06RMS048	<5		S21334
06RMS049	<5		S21334
06RMS050	<5		S21334
06RMS051	<5	<5	S21334
06RMS052	<5		S21334

COPIES TO: D. Besserer, K. Raffle  
INVOICE TO: Apex Geoscience - Edmonton

Nov 20/06

SIGNED

Mark Acres - Quality Assurance



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### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21334
-----------------------------

**SAMPLE(S) OF**  
163 Soil/0 Pulp

INVOICE #: 40999  
P.O.: 99123


K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS053	<5		S21334
06RMS054	<5		S21334
06RMS055	<5		S21334
06RMS056	<5		S21334
06RMS057	<5		S21334
06RMS058	<5		S21334
06RMS059	<5		S21334
06RMS060	<5		S21334
06RMS061	<5	<5	S21334
06RMS062	<5		S21334
06RMS063	<5		S21334
06RMS064	<5		S21334
06RMS065	<5		S21334
06RMS066	<5		S21334
06RMS067	<5		S21334
06RMS068	25		S21334
06RMS069	<5		S21334
06RMS070	<5		S21334
06RMS071	<5	5	S21334
06RMS072	<5		S21334

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APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21334
-----------------------------

**SAMPLE(S) OF**  
163 Soil/0 Pulp

INVOICE #: 40999  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS073	5		S21334
06RMS074	<5		S21334
06RMS075	<5		S21334
06RMS076	<5		S21334
06RMS077	5		S21334
06RMS078	<5		S21334
06RMS079	<5		S21334
06RMS080	<5		S21334
06RMS081	<5	<5	S21334
06RMS082	<5		S21334
06RMS083	10		S21334
06RMS084	<5		S21334
06RMS085	<5		S21334
06RMS086	<5		S21334
06RMS087	<5		S21334
06RMS088	<5		S21334
06RMS089	<5		S21334
06RMS090	<5		S21334
06RMS091	<5	<5	S21334
06RMS092	<5		S21334

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Mark Acres - Quality Assurance



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### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**

APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

REPORT No. S21334
----------------------

**SAMPLE(S) OF**

163 Soil/0 Pulp

INVOICE #: 40999  
P.O.: 99123


K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS093	<5		S21334
06RMS094	<5		S21334
06RMS095	<5		S21334
06RMS096	<5		S21334
06RMS097	<5		S21334
06RMS098	<5		S21334
06RMS099	<5		S21334
06RMS100	5		S21334
06RMS101	<5	<5	S21334
06RMS102	5		S21334
06RMS103	<5		S21334
06RMS104	5		S21334
06RMS105	<5		S21334
06RMS106	10		S21334
06RMS107	<5		S21334
06RMS108	<5		S21334
06RMS109	<5		S21334
06RMS110	<5		S21334
06RMS111	<5	<5	S21334
06RMS112	<5		S21334

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### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**

APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
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T6E 5V8

<b>REPORT No.</b> S21334
-----------------------------

**SAMPLE(S) OF**

163 Soil/0 Pulp

INVOICE #: 40999  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS113	<5		S21334
06RMS114	<5		S21334
06RMS115	<5		S21334
06RMS116	120		S21334
06RMS117	<5		S21334
06RMS118	<5		S21334
06RMS119	<5		S21334
06RMS120	<5		S21334
06RMS121	<5	<5	S21334
06RMS122	10		S21334
06RMS123	<5		S21334
06RMS124	<5		S21334
06RMS125	<5		S21334
06RMS126	<5		S21334
06RMS127	<5		S21334
06RMS128	<5		S21334
06RMS129	<5		S21334
06RMS130	<5		S21334
06RMS131	<5	<5	S21334
06RMS132	<5		S21334

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INVOICE TO: Apex Geoscience - Edmonton

Nov 20/06

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Mark Acres - Quality Assurance



#2 - 302 48<sup>th</sup> Street · Saskatoon, SK · S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM** APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21334
-----------------------------

**SAMPLE(S) OF** 163 Soil/0 Pulp

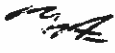
INVOICE #: 40999  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS133	<5		S21334
06RMS134	<5		S21334
06RMS135	<5		S21334
06RMS136	25		S21334
06RMS137	<5		S21334
06RMS138	20		S21334
06RMS139	15		S21334
06RMS140	<5		S21334
06RMS141	5	<5	S21334
06RMS142	<5		S21334
06RMS143	<5		S21334
06RMS144	5		S21334
06RMS145	<5		S21334
06RMS146	<5		S21334
06RMS147	5		S21334
06RMS148	<5		S21334
06RMS149	<5		S21334
06RMS150	<5		S21334
06RMS151	<5	<5	S21334
06RMS152	<5		S21334

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<b>REPORT No.</b> S21334
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**SAMPLE(S) OF** 163 Soil/0 Pulp

INVOICE #: 40999  
P.O.: 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS153	5		S21334
06RMS154	15		S21334
06RMS155	<5		S21334
06RMS156	110		S21334
06RMS157	<5		S21334
06RMS158	130		S21334
06RMS159	<5		S21334
06RMS160	<5		S21334
06RMS161	<5	5	S21334
06RMS162	<5		S21334
06RMS163	10		S21334
06RMS164	<5		S21334
06RMS165	<5		S21334
06RMS166	5		S21334
06RMS167	5		S21334
06RMS168	<5		S21334
06RMS169	<5		S21334
06RMS170	<5		S21334
06RMS171	<5	<5	S21334
06RMS172	5		S21334

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<b>REPORT No.</b> S21334
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**SAMPLE(S) OF** 163 Soil/0 Pulp

INVOICE #: 40999  
P.O. : 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS173	<5		S21334
06RMS174	<5		S21334
06RMS175	<5		S21334
06RMS176	<5		S21334
06RMS177	5		S21334
06RMS178	<5		S21334
06RMS179	10		S21334
06RMS180	<5		S21334
06RMS181	5	5	S21334
06RMS182	5		S21334
06RMS183	5		S21334
06RMS184	10		S21334
06RMS185	10		S21334
06RMS186	<5		S21334
06RMS187	<5		S21334
06RMS188	10		S21334
06RMS189	5		S21334
06RMS190	<5		S21334
06RMS191	10	5	S21334
06RMS192	5		S21334

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200 - 9797 - 45th Ave.  
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<b>REPORT No.</b> S21334
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**SAMPLE(S) OF** 163 Soil/0 Pulp


INVOICE #: 40999  
P.O. : 99123

K. Raffle  
Project: 06SWS001

	Au ppb	Au1 ppb	File Name
06RMS193	5		S21334
06RMS194	30		S21334
06RMS195	25		S21334
GS-1B	960		S21334
GS-1B	1090		S21334
GS-1B	960		S21334
GS-1B	970		S21334
GS-1B	1070		S21334
GS-1B	1040		S21334
GS-1B	950		S21334
GS-1B	990		S21334
GS-1B	960		S21334

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Company: APEX Geoscience Ltd.  
 Geologist: K. Raffle  
 Project: 06SWS001  
 Purchase Order: 99123

TSL Report: S21334  
 Date Received: Nov 10, 2006  
 Date Reported: Dec 08, 2006  
 Invoice: 40999

Sample Type: Number Size Fraction Sample Preparation  
 Soil 163 -80 mesh Dry, Screen

**ICP-MS Aqua Regia Digestion HCl-HNO<sub>3</sub>**

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Lower Detection Limit	Upper Detection Limit	Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm	Mn *	1 ppm	50000 ppm
Al *	0.01 %	10 %	Mo	0.1 ppm	2000 ppm
As	0.5 ppm	10000 ppm	Na *	0.001%	10 %
Au	0.5 ppb	100 ppm	Ni	0.1 ppm	10000 ppm
B *	1 ppm	2000 ppm	P *	0.001%	5 %
Ba *	1 ppm	1000 ppm	Pb	0.1 ppm	10000 ppm
Bi	0.1 ppm	2000 ppm	S	0.05 %	10 %
Ca *	0.01%	40 %	Sb	0.1 ppm	2000 ppm
Cd	0.1 ppm	2000 ppm	Sc	0.1 ppm	100 ppm
Co	0.1 ppm	2000 ppm	Se	0.5 ppm	1000 ppm
Cr *	1 ppm	10000 ppm	Sr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm	Te	1 ppm	2000 ppm
Fe *	0.01%	40 %	Th *	0.1 ppm	2000 ppm
Ga *	1 ppm	1000 ppm	Ti *	0.001%	10 %
Hg	0.01 ppm	100 ppm	Tl	0.1 ppm	1000 ppm
K *	0.01%	10 %	U *	0.1 ppm	2000 ppm
La *	1 ppm	10000 ppm	V *	2 ppm	10000 ppm
Mg *	0.01%	30 %	W *	0.1 ppm	100 ppm
			Zn	1 ppm	10000 ppm

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TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334

Date: December 08, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 163 Soil

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06RMS033	0.9	1.16	0.8	2.3	2	301	0.1	1.71	0.4	1.3	11.0	17.2	0.80	3	0.12	0.03	22	0.10	40	1.3	0.021	4.6	0.083
06RMS034	0.5	0.47	1.1	1.6	1	131	0.1	1.28	0.5	0.9	9.0	16.3	0.62	1	0.05	0.03	9	0.09	21	1.8	0.024	3.4	0.095
06RMS035	0.2	1.18	0.9	1.1	<1	63	0.1	0.08	0.1	3.6	6.0	6.6	1.40	4	0.02	0.02	6	0.08	109	0.5	0.012	4.4	0.063
06RMS036	0.3	1.07	0.7	<5	<1	86	0.1	0.11	0.1	3.1	9.0	6.8	1.40	4	0.02	0.03	7	0.11	86	0.7	0.011	3.8	0.040
06RMS037	1.0	0.88	0.8	2.8	<1	237	0.2	1.90	2.3	1.2	11.0	49.0	0.71	2	0.08	0.02	22	0.17	29	2.3	0.021	9.0	0.089
06RMS038	0.1	0.72	0.7	1.3	<1	103	0.1	0.41	0.2	3.4	24.0	15.3	1.08	2	0.01	0.08	17	0.20	96	0.9	0.013	7.9	0.063
06RMS039	0.2	0.98	0.7	2.0	<1	134	0.1	0.32	0.5	4.1	11.0	9.7	1.08	3	0.01	0.04	23	0.27	155	0.2	0.011	6.2	0.054
06RMS040	<1	1.01	0.5	1.2	<1	261	0.1	0.29	0.1	2.1	7.0	13.6	0.59	3	0.01	0.02	21	0.11	48	0.6	0.015	4.0	0.023
06RMS041	<1	1.10	1.2	11.1	<1	178	0.1	0.16	<1	3.1	10.0	8.2	1.29	3	0.02	0.03	14	0.10	74	0.5	0.013	4.8	0.034
06RMS042	0.1	1.34	1.6	1.5	1	45	0.1	0.11	0.1	4.1	10.0	8.5	1.55	5	0.03	0.03	4	0.10	250	0.5	0.013	4.8	0.055
06RMS043	<1	1.43	1.3	<5	<1	71	0.1	0.15	<1	4.3	11.0	9.9	1.30	5	0.02	0.03	5	0.12	87	0.4	0.015	7.6	0.034
06RMS044	0.6	3.39	1.2	1.8	<1	302	0.2	0.40	0.2	7.7	27.0	22.0	2.26	9	0.04	0.06	28	0.25	1030	1.3	0.018	15.4	0.052
06RMS045	<1	1.15	0.9	0.8	<1	83	0.1	0.11	0.1	3.8	11.0	7.8	1.37	4	0.02	0.04	11	0.12	95	0.3	0.011	6.8	0.059
06RMS046	<1	1.48	0.8	<5	<1	82	0.1	0.11	<1	2.9	9.0	7.5	1.25	5	0.02	0.02	6	0.10	55	0.4	0.016	5.1	0.038
06RMS047	<1	1.73	1.3	1.0	<1	104	0.1	0.15	<1	4.9	12.0	11.3	1.65	6	0.01	0.04	6	0.14	119	0.4	0.016	7.5	0.042
06RMS048	<1	1.72	1.0	0.8	<1	131	0.1	0.28	<1	5.1	16.0	15.1	1.32	5	0.02	0.04	12	0.21	355	0.4	0.020	10.2	0.019
06RMS049	0.1	1.93	1.4	<5	<1	161	0.1	0.20	0.1	5.1	16.0	14.3	1.82	6	0.03	0.04	11	0.17	297	0.8	0.015	9.6	0.070
06RMS050	<1	1.32	0.8	<5	<1	78	0.1	0.21	<1	5.0	15.0	10.8	1.52	5	0.01	0.03	5	0.20	144	0.4	0.017	8.1	0.030
06RMS051	<1	1.15	0.8	<5	1	66	0.1	0.24	0.1	3.8	12.0	8.8	1.19	4	0.02	0.05	6	0.17	107	0.6	0.015	7.0	0.033
06RMS052	0.2	3.25	1.8	1.3	2	251	0.2	0.52	0.3	6.5	29.0	39.6	2.63	9	0.03	0.08	24	0.35	384	1.6	0.028	20.2	0.047
06RMS053	0.1	2.06	0.9	1.0	<1	169	0.1	0.32	0.1	5.2	23.0	18.0	1.50	6	0.02	0.07	11	0.30	509	0.7	0.014	13.8	0.030
06RMS053 Re	0.1	2.03	0.9	<5	1	175	0.1	0.32	0.2	5.4	22.0	18.4	1.54	6	0.02	0.07	12	0.28	544	0.7	0.014	13.2	0.029
06RMS054	0.3	4.35	1.5	1.5	<1	305	0.2	0.59	0.1	5.6	32.0	60.3	2.57	12	0.05	0.09	31	0.29	225	1.1	0.020	22.7	0.053
06RMS055	<1	1.05	1.3	<5	<1	54	0.1	0.14	0.1	2.8	10.0	8.5	1.42	4	0.02	0.02	5	0.08	46	0.6	0.014	4.7	0.034
06RMS056	0.1	1.40	1.1	1.0	1	61	0.1	0.14	0.1	5.0	10.0	10.5	1.70	5	0.03	0.04	4	0.13	196	0.8	0.015	7.5	0.092
06RMS057	<1	1.14	1.8	<5	<1	87	0.1	0.17	0.1	5.0	13.0	13.0	1.79	4	0.02	0.08	11	0.19	359	0.7	0.011	7.5	0.100
06RMS058	<1	0.76	0.8	0.5	<1	71	0.1	0.11	<1	3.7	9.0	5.5	1.42	3	0.01	0.04	7	0.13	102	0.4	0.011	4.4	0.039
06RMS059	1.6	4.30	1.1	3.1	<1	551	0.2	1.04	0.6	3.0	23.0	44.8	1.71	11	0.16	0.05	56	0.15	62	1.8	0.019	11.8	0.094
06RMS060	<1	0.97	1.3	1.8	<1	35	0.1	0.08	0.1	3.9	8.0	7.1	1.30	4	0.02	0.02	5	0.08	268	0.5	0.011	4.5	0.076
06RMS061	0.4	0.21	0.7	1.5	4	303	0.1	3.48	0.8	0.7	6.0	22.0	0.37	<1	0.15	0.05	10	0.22	65	6.7	0.022	3.4	0.079
06RMS062	0.3	1.38	1.0	1.1	1	67	0.1	0.16	0.1	3.4	10.0	7.9	1.37	5	0.04	0.03	7	0.10	84	0.6	0.017	5.2	0.068
06RMS063	0.2	1.19	0.7	<5	<1	151	0.1	0.18	0.1	3.5	9.0	8.0	1.36	4	0.01	0.03	8	0.11	120	0.4	0.014	5.0	0.035
06RMS064	1.2	1.34	1.0	12.4	3	100	0.1	0.13	0.2	3.9	8.0	9.8	1.58	4	0.02	0.03	7	0.11	374	0.8	0.013	5.4	0.060
06RMS065	0.3	1.48	1.1	1.2	<1	167	0.1	0.15	0.2	4.3	10.0	12.5	1.65	5	0.03	0.04	11	0.14	389	1.1	0.015	7.3	0.071
Std DS7	0.8	0.96	47.7	68.5	39	359	4.3	0.89	6.0	9.3	161.0	103.6	2.34	4	0.19	0.42	11	1.01	602	19.3	0.074	53.4	0.077

Signed: \_\_\_\_\_

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334  
 Date: December 08, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 163 Soil

MULTIELEMENT ICP-MS ANALYSIS  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06RMS066	0.1	1.12	0.6	<.5	<.1	152	0.1	0.18	0.2	3.7	6.0	6.5	1.61	4	0.02	0.08	11	0.16	532	1.4	0.011	5.4	0.077
06RMS067	0.2	1.44	0.9	<.5	<.1	133	0.1	0.15	0.1	3.3	5.0	7.6	1.35	5	0.02	0.05	7	0.15	224	1.8	0.016	5.0	0.051
06RMS068	0.2	1.10	<.5	<.5	<.1	220	0.1	0.38	0.2	3.4	7.0	8.2	1.33	4	0.02	0.04	7	0.13	241	0.7	0.019	4.0	0.015
06RMS069	0.2	1.20	1.1	<.5	<.1	85	0.1	0.11	0.1	3.6	8.0	5.5	1.34	4	0.02	0.03	7	0.10	225	0.7	0.011	4.8	0.060
06RMS070	0.1	2.13	2.4	1.4	<.1	64	0.1	0.14	0.1	5.3	13.0	18.6	1.81	6	0.02	0.03	8	0.20	255	0.6	0.021	9.0	0.114
06RMS071	0.2	1.86	3.9	2.2	1	53	0.1	0.15	0.2	6.6	19.0	23.2	2.39	5	0.04	0.03	8	0.25	322	0.5	0.020	10.6	0.113
06RMS072	0.1	1.44	1.4	0.5	<.1	72	0.1	0.19	0.1	4.3	10.0	10.5	1.46	4	0.03	0.03	5	0.13	112	0.6	0.017	6.6	0.148
06RMS073	<.1	1.37	1.9	10.3	<.1	43	0.1	0.14	<.1	4.3	11.0	13.6	1.50	4	0.02	0.02	4	0.13	258	0.4	0.013	6.6	0.089
06RMS074	0.1	1.43	1.9	0.7	<.1	63	0.1	0.14	0.1	5.0	13.0	14.7	1.58	5	0.02	0.02	6	0.15	219	0.5	0.015	8.3	0.079
06RMS075	0.1	1.43	1.9	<.5	<.1	64	0.1	0.13	0.1	5.3	14.0	13.0	1.76	5	0.02	0.02	5	0.16	320	0.5	0.014	8.2	0.099
06RMS076	0.6	2.72	3.0	4.5	<.1	322	0.2	0.85	0.3	7.0	30.0	94.0	1.38	6	0.15	0.04	75	0.16	382	2.2	0.022	17.1	0.101
06RMS077	0.1	1.92	1.4	<.5	<.1	202	0.1	0.35	0.1	4.9	12.0	11.5	1.76	5	0.02	0.04	12	0.16	426	0.6	0.022	7.5	0.028
06RMS078	0.2	1.29	0.8	<.5	<.1	149	0.1	0.38	0.1	3.7	11.0	8.9	1.59	4	0.01	0.05	10	0.13	132	0.4	0.014	5.2	0.063
06RMS079	0.2	1.06	0.5	<.5	<.1	140	0.1	0.18	0.1	3.5	9.0	5.3	1.39	4	0.01	0.05	18	0.11	142	0.6	0.011	4.3	0.031
06RMS080	0.1	1.48	0.8	4.7	<.1	141	0.2	0.17	0.1	3.9	9.0	6.7	1.47	5	0.01	0.06	14	0.12	121	0.6	0.016	5.0	0.033
06RMS081	0.1	1.21	<.5	<.5	<.1	168	0.1	0.15	0.1	3.3	7.0	4.8	1.35	4	0.01	0.06	19	0.08	139	0.6	0.011	3.3	0.034
06RMS082	0.2	1.54	0.6	<.5	<.1	293	0.1	0.28	0.1	4.3	8.0	7.1	1.66	6	0.02	0.05	38	0.12	957	0.8	0.014	5.1	0.038
06RMS083	0.5	0.93	0.7	<.5	<.1	156	0.1	0.17	<.1	2.5	6.0	4.8	1.14	3	0.01	0.04	13	0.09	118	0.5	0.012	3.2	0.023
06RMS083 Re	0.5	0.97	0.6	<.5	<.1	157	0.1	0.17	0.1	2.6	7.0	4.4	1.16	3	0.01	0.03	12	0.08	110	0.4	0.012	2.8	0.021
06RMS084	1.4	1.93	1.1	1.5	<.1	642	0.2	0.90	0.6	4.9	19.0	29.3	2.03	4	0.04	0.09	35	0.23	909	2.4	0.021	7.2	0.053
06RMS085	0.3	1.21	0.6	<.5	<.1	343	0.1	0.24	0.1	3.5	9.0	9.3	1.51	4	0.01	0.07	15	0.13	244	1.5	0.014	4.1	0.019
06RMS086	0.5	1.66	2.0	1.4	<.1	307	0.2	0.74	0.6	5.6	22.0	33.8	1.64	4	0.07	0.06	31	0.26	320	1.9	0.020	9.2	0.087
06RMS087	1.4	2.96	7.6	5.4	1	664	0.3	0.98	0.6	12.4	33.0	67.7	5.08	7	0.22	0.10	99	0.27	1157	3.6	0.017	14.7	0.159
06RMS088	0.2	0.75	2.1	1.3	1	254	0.1	1.03	0.3	2.8	10.0	23.9	0.98	3	0.03	0.05	7	0.16	299	0.6	0.023	6.0	0.043
06RMS089	<.1	0.93	1.6	0.9	<.1	97	0.1	0.20	0.1	3.4	8.0	5.6	1.15	4	0.01	0.03	4	0.10	80	0.7	0.020	4.7	0.023
06RMS090	<.1	0.64	1.3	1.0	1	68	<.1	0.17	0.1	3.6	9.0	8.5	1.47	2	0.01	0.04	8	0.11	201	0.3	0.010	5.8	0.078
06RMS091	<.1	0.94	1.3	0.7	<.1	79	<.1	0.17	<.1	4.1	13.0	9.0	1.53	3	0.01	0.04	6	0.13	180	0.3	0.011	7.4	0.095
06RMS092	0.1	1.55	2.2	2.6	<.1	104	0.1	0.18	0.1	6.5	17.0	19.1	1.70	5	0.02	0.05	5	0.20	290	0.6	0.016	12.6	0.105
06RMS093	0.2	1.21	1.1	<.5	<.1	212	0.1	0.41	0.3	4.6	10.0	14.7	1.60	4	0.01	0.05	10	0.16	279	0.9	0.015	6.0	0.025
06RMS094	0.1	1.64	2.4	1.9	<.1	108	0.1	0.17	0.2	5.7	13.0	14.9	1.74	5	0.03	0.04	7	0.18	407	0.8	0.019	7.7	0.156
06RMS095	0.1	1.63	2.1	1.9	<.1	104	0.1	0.16	0.2	6.0	15.0	14.8	1.78	5	0.03	0.04	5	0.21	572	0.8	0.019	10.7	0.133
06RMS096	0.2	1.75	2.7	12.6	<.1	95	0.1	0.17	0.2	6.8	16.0	15.5	1.85	6	0.03	0.04	4	0.21	861	1.4	0.019	10.4	0.168
06RMS097	0.1	1.32	0.8	<.5	<.1	233	0.1	0.22	0.1	4.3	12.0	8.2	1.74	4	0.01	0.04	7	0.16	135	0.5	0.018	6.5	0.019
06RMS098	0.2	1.56	1.4	0.5	<.1	158	0.1	0.10	0.1	4.5	9.0	7.2	1.69	5	0.02	0.04	8	0.10	587	1.0	0.015	4.8	0.075
Std DS7	0.8	0.95	46.7	53.9	37	363	4.3	0.93	6.2	9.3	155.0	103.8	2.34	4	0.20	0.45	11	1.03	607	20.7	0.078	56.3	0.077

Signed: \_\_\_\_\_

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334  
 Date: December 08, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
 Project: 06SWS001  
 Sample: 163 Soil

MULTIELEMENT ICP-MS ANALYSIS  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06RMS099	0.3	1.33	2.6	356.3	2	98	0.1	0.20	0.2	6.3	13.0	15.1	1.70	4	0.03	0.04	4	0.21	1107	0.6	0.020	9.6	0.133
06RMS100	<.1	1.25	2.3	3.9	1	79	0.1	0.16	0.2	5.4	14.0	15.4	1.60	4	0.02	0.04	5	0.17	516	0.7	0.015	8.6	0.110
06RMS100 Re	<.1	1.33	2.3	<.5	2	83	0.1	0.16	0.2	5.5	14.0	14.7	1.62	4	0.02	0.04	5	0.17	513	0.8	0.016	9.6	0.114
06RMS101	0.1	1.60	1.8	2.8	1	121	0.1	0.24	0.3	5.2	12.0	12.6	1.50	5	0.02	0.04	5	0.18	812	0.9	0.021	8.8	0.094
06RMS102	<.1	1.41	2.3	<.5	2	60	0.1	0.16	0.1	5.7	17.0	15.0	1.94	6	0.02	0.04	3	0.18	235	0.8	0.015	10.7	0.121
06RMS103	0.1	1.44	0.6	1.9	1	292	0.1	0.74	0.1	3.4	18.0	20.7	0.68	5	0.02	0.03	10	0.26	83	1.0	0.023	11.4	0.028
06RMS104	0.2	1.14	0.9	<.5	1	116	0.1	0.18	0.1	5.5	16.0	12.8	1.59	4	0.02	0.04	10	0.19	192	0.6	0.018	9.1	0.026
06RMS105	0.2	1.00	0.5	<.5	1	131	0.1	0.20	0.1	4.4	12.0	7.6	1.41	3	0.01	0.04	8	0.15	238	0.7	0.016	5.7	0.019
06RMS106	0.1	1.39	1.6	1.6	1	74	0.1	0.13	0.1	4.9	14.0	10.0	1.63	5	0.02	0.06	5	0.16	74	1.1	0.017	9.2	0.035
06RMS107	0.1	1.69	1.8	0.9	1	75	0.1	0.15	0.1	5.7	13.0	16.2	1.63	5	0.03	0.04	5	0.17	452	0.6	0.017	8.0	0.132
06RMS108	<.1	1.74	1.7	<.5	1	64	0.1	0.14	0.1	7.2	13.0	16.2	1.69	5	0.02	0.04	4	0.19	338	1.0	0.017	9.5	0.102
06RMS109	0.1	1.76	2.9	3.9	2	56	0.1	0.17	0.1	6.0	16.0	19.8	1.88	5	0.03	0.03	4	0.23	241	0.6	0.018	11.2	0.106
06RMS110	0.1	1.66	2.6	0.9	1	85	0.1	0.21	0.2	6.8	20.0	25.5	1.92	5	0.02	0.04	6	0.28	453	0.7	0.016	13.3	0.089
06RMS111	<.1	1.70	2.3	2.0	2	53	0.1	0.16	0.1	4.8	12.0	15.6	1.52	5	0.02	0.04	3	0.18	344	0.7	0.017	9.3	0.132
06RMS112	0.3	1.20	2.1	3.6	1	77	0.1	0.15	0.1	4.2	13.0	17.9	1.46	4	0.04	0.04	8	0.17	81	1.3	0.018	9.5	0.060
06RMS113	0.2	2.02	1.0	6.5	<.1	151	0.2	0.23	0.1	3.5	11.0	21.0	1.14	6	0.01	0.04	11	0.19	83	1.3	0.022	10.0	0.022
06RMS114	0.1	1.70	2.0	0.9	1	84	0.1	0.15	0.1	5.6	15.0	16.0	1.81	5	0.03	0.03	7	0.16	91	1.5	0.016	9.7	0.068
06RMS115	2.6	3.96	3.0	3.2	1	346	0.3	0.81	0.4	5.1	19.0	72.7	2.74	10	0.07	0.11	47	0.26	628	1.9	0.022	14.7	0.083
06RMS116	0.3	1.12	1.9	0.5	1	70	0.1	0.13	0.1	3.6	9.0	9.3	1.53	4	0.03	0.06	6	0.12	93	0.9	0.018	5.0	0.020
06RMS117	0.3	1.24	0.6	0.5	<.1	109	0.1	0.27	0.1	2.5	7.0	8.9	0.96	4	0.02	0.04	8	0.16	87	0.4	0.022	3.6	0.018
06RMS118	0.2	0.87	0.6	<.5	<.1	82	0.1	0.19	<.1	2.8	7.0	5.2	1.06	4	0.01	0.03	5	0.10	122	0.4	0.019	3.4	0.013
06RMS119	0.2	1.11	1.7	1.0	1	65	0.1	0.13	0.1	3.5	8.0	9.1	1.45	4	0.02	0.07	5	0.09	91	0.5	0.014	4.4	0.048
06RMS120	0.2	1.24	1.0	0.5	1	123	0.1	0.19	0.1	2.9	8.0	9.9	1.24	5	0.01	0.03	7	0.10	77	0.5	0.018	4.9	0.023
06RMS121	0.3	1.23	1.5	1.3	1	72	0.1	0.14	<.1	3.7	9.0	8.6	1.53	4	0.02	0.03	5	0.10	101	0.4	0.014	5.9	0.064
06RMS122	0.3	1.24	1.3	55.4	1	81	0.1	0.16	<.1	4.0	10.0	10.7	1.44	4	0.01	0.03	5	0.11	259	0.4	0.015	5.5	0.072
06RMS123	0.2	1.22	1.3	0.7	<.1	61	0.1	0.14	0.1	3.5	9.0	9.2	1.46	4	0.02	0.02	5	0.10	260	0.4	0.014	4.9	0.085
06RMS124	0.2	0.64	0.6	1.8	2	102	<.1	0.86	0.2	0.8	7.0	35.2	0.46	2	0.04	0.02	8	0.04	20	0.6	0.018	7.0	0.060
06RMS125	0.3	0.72	0.5	2.7	1	140	0.1	1.21	0.1	0.9	10.0	27.0	0.48	2	0.06	0.01	10	0.05	28	1.1	0.017	6.2	0.064
06RMS126	0.1	0.28	<.5	1.0	2	84	<.1	1.06	<.1	0.8	7.0	13.6	0.24	<.1	0.06	0.02	4	0.08	18	1.4	0.022	3.4	0.064
06RMS127	0.5	1.58	1.5	1.0	1	191	0.2	0.39	0.1	4.0	12.0	33.3	1.64	5	0.03	0.06	27	0.21	235	1.1	0.020	7.7	0.029
06RMS128	0.1	0.99	0.7	0.8	1	95	0.1	0.17	<.1	3.1	8.0	8.0	1.19	4	0.01	0.04	6	0.13	96	0.2	0.015	4.5	0.018
06RMS129	0.1	1.24	1.1	2.1	<.1	68	0.1	0.15	0.1	4.3	10.0	11.1	1.36	4	0.01	0.03	5	0.15	206	0.4	0.014	7.2	0.071
06RMS130	0.1	1.62	1.3	1.5	1	105	0.2	0.21	0.1	4.5	13.0	16.3	1.57	5	0.02	0.04	4	0.13	316	0.5	0.014	8.4	0.088
06RMS131	0.1	1.35	1.0	0.9	1	77	0.1	0.18	<.1	5.0	14.0	13.6	1.49	4	0.01	0.04	5	0.19	244	0.4	0.015	8.8	0.078
Std DS7	0.8	0.94	47.2	63.3	37	365	4.3	0.90	6.2	9.2	156.0	102.7	2.33	4	0.19	0.42	11	1.02	599	20.0	0.078	54.0	0.077

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:  \_\_\_\_\_  
 Mark Acres - Quality Assurance

TSL LABORATORIES INC.

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 06SWS001

Sample: 163 Soil

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334

Date: December 08, 2006

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06RMS132	<1	1.53	1.4	<5	2	106	0.2	0.31	0.1	6.7	21.0	19.7	1.81	5	0.01	0.07	7	0.32	174	0.3	0.013	14.5	0.089
06RMS133	<1	1.12	<5	0.9	<1	79	0.1	0.31	<1	5.2	17.0	10.7	1.55	5	0.01	0.04	5	0.25	128	0.2	0.018	8.0	0.034
06RMS134	0.2	1.36	1.1	<5	1	101	0.2	0.35	0.1	6.6	19.0	16.8	1.79	5	0.01	0.06	8	0.28	240	0.3	0.018	10.0	0.036
06RMS135	0.1	1.41	1.1	<5	<1	125	0.2	0.37	0.1	7.6	22.0	20.6	1.95	5	0.01	0.07	8	0.37	276	0.3	0.019	12.7	0.045
06RMS136	0.1	1.14	1.0	1.7	<1	106	0.1	0.31	0.1	6.5	20.0	22.4	1.80	5	0.01	0.06	15	0.28	337	0.4	0.018	12.2	0.033
06RMS137	0.2	1.48	1.3	<5	1	81	0.1	0.22	0.1	6.9	20.0	15.9	1.93	6	0.02	0.05	7	0.25	189	0.5	0.015	13.3	0.103
06RMS138	0.1	1.46	1.2	<5	1	78	0.1	0.23	<1	6.9	18.0	16.8	1.92	6	0.02	0.05	5	0.26	208	0.5	0.015	11.4	0.104
06RMS139	0.1	1.74	1.1	<5	1	107	0.2	0.36	<1	6.4	22.0	19.5	2.15	5	0.02	0.07	7	0.34	262	0.5	0.016	13.0	0.033
06RMS140	<1	1.12	<5	<5	1	78	0.2	0.32	<1	5.0	17.0	12.4	1.49	5	0.01	0.05	4	0.26	122	0.2	0.019	10.0	0.045
06RMS141	0.2	1.07	0.5	<5	1	72	0.1	0.22	<1	4.0	11.0	10.2	1.49	4	0.01	0.03	6	0.15	147	0.2	0.014	6.2	0.035
06RMS142	0.2	1.29	0.8	0.6	<1	88	0.1	0.26	0.1	5.2	14.0	11.5	1.75	5	0.01	0.03	6	0.20	222	0.4	0.018	7.5	0.030
06RMS143	0.2	0.65	1.1	<5	<1	50	0.1	0.14	<1	2.9	10.0	7.2	1.35	3	0.01	0.02	7	0.08	143	0.4	0.009	4.0	0.054
06RMS144	0.3	1.13	<5	<5	<1	83	0.1	0.18	0.1	4.6	11.0	12.8	1.51	4	0.02	0.04	6	0.15	229	0.7	0.013	6.3	0.082
06RMS145	0.4	1.14	0.8	2.0	1	77	0.1	0.17	0.1	4.3	10.0	9.2	1.50	5	0.02	0.04	6	0.13	353	0.5	0.014	6.7	0.076
06RMS146	0.4	1.34	1.2	0.5	1	85	0.1	0.18	0.1	4.0	10.0	8.4	1.51	5	0.02	0.05	9	0.12	147	0.5	0.013	6.3	0.077
06RMS147	1.5	4.46	5.7	3.5	1	386	0.3	1.22	0.6	22.1	37.0	34.1	3.95	12	0.03	0.12	21	0.58	4332	4.6	0.020	15.4	0.085
06RMS148	0.3	1.30	1.1	<5	<1	69	0.1	0.17	0.1	4.6	11.0	11.6	1.53	5	0.02	0.04	7	0.15	201	0.5	0.015	6.9	0.067
06RMS149	0.3	1.63	1.3	<5	<1	90	0.1	0.18	<1	5.1	13.0	18.1	1.64	5	0.02	0.05	7	0.17	174	0.4	0.015	8.7	0.074
06RMS150	0.3	1.36	1.1	<5	<1	108	0.1	0.17	<1	4.1	11.0	12.3	1.69	5	0.02	0.05	10	0.15	115	0.5	0.015	6.9	0.047
06RMS151	0.3	1.38	1.0	<5	1	95	0.1	0.17	0.1	4.4	10.0	12.0	1.45	5	0.02	0.04	7	0.13	184	0.5	0.014	6.6	0.069
06RMS152	0.2	1.35	1.3	<5	1	68	0.1	0.16	0.1	5.0	12.0	10.9	1.65	4	0.03	0.03	6	0.14	244	0.6	0.014	8.3	0.078
06RMS153	0.1	1.68	1.8	<5	<1	87	0.1	0.17	0.1	5.3	12.0	12.7	1.71	5	0.02	0.04	7	0.16	211	0.4	0.016	9.1	0.074
06RMS153 Re	0.1	1.57	1.6	1.2	2	85	0.1	0.16	<1	5.4	13.0	12.4	1.70	5	0.02	0.03	6	0.15	203	0.6	0.015	8.7	0.066
06RMS154	0.2	1.18	4.0	0.5	1	63	0.1	0.25	0.1	6.2	19.0	21.6	1.82	4	0.02	0.03	6	0.23	268	0.4	0.013	10.2	0.096
06RMS155	0.9	1.87	2.2	96.1	1	76	0.1	0.22	0.1	6.8	16.0	14.9	2.15	7	0.03	0.04	7	0.22	184	0.7	0.018	10.4	0.050
06RMS156	0.3	1.27	0.6	<5	<1	118	0.1	0.28	0.1	3.7	12.0	9.8	1.52	4	0.02	0.03	11	0.15	189	0.4	0.019	5.6	0.016
06RMS157	0.1	1.03	0.9	5.3	1	63	0.1	0.21	<1	2.7	9.0	7.2	0.75	4	0.01	0.02	6	0.13	55	0.4	0.020	5.4	0.013
06RMS158	0.1	1.49	0.8	0.5	<1	102	0.1	0.31	0.1	3.9	15.0	8.8	1.32	4	0.01	0.04	6	0.20	155	0.3	0.021	7.7	0.015
06RMS159	0.1	1.21	1.1	<5	<1	93	0.1	0.20	<1	3.8	11.0	9.4	1.40	5	0.02	0.02	5	0.11	54	0.6	0.017	6.8	0.029
06RMS160	<1	1.02	<5	<5	1	63	0.1	0.18	<1	3.0	11.0	8.7	0.74	4	0.02	0.03	5	0.12	62	0.4	0.018	6.4	0.022
06RMS161	<1	1.50	1.4	3.0	1	55	0.1	0.14	0.1	4.9	12.0	12.3	1.50	5	0.02	0.03	5	0.12	90	0.4	0.016	7.8	0.063
06RMS162	<1	1.13	1.2	<5	2	68	0.1	0.11	<1	4.5	12.0	11.7	1.52	4	0.02	0.02	6	0.12	150	0.4	0.013	6.3	0.060
06RMS163	0.1	2.64	2.7	<5	1	134	0.2	0.36	<1	8.9	74.0	50.7	2.59	7	0.01	0.08	7	0.66	143	2.4	0.017	34.6	0.035
06RMS164	0.1	1.38	0.8	<5	<1	85	0.1	0.14	<1	3.9	10.0	9.4	1.35	5	0.02	0.03	8	0.11	155	0.5	0.016	6.0	0.056
Std DS7	0.8	0.97	47.2	109.1	37	364	4.4	0.91	6.2	9.1	162.0	102.0	2.37	5	0.19	0.44	12	1.03	625	20.7	0.078	53.0	0.077

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 163 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334

Date: December 08, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06RMS165	0.1	1.11	1.2	<5	1	66	0.1	0.11	0.1	4.2	9.0	9.4	1.39	4	0.01	0.03	6	0.11	233	0.4	0.013	6.0	0.053
06RMS166	0.1	1.19	1.3	1.5	1	66	0.1	0.13	0.1	4.2	12.0	11.1	1.28	4	0.01	0.03	6	0.12	214	0.5	0.015	7.5	0.060
06RMS167	<1	1.24	1.2	0.5	1	64	0.1	0.13	<1	4.0	24.0	12.2	1.37	4	0.02	0.03	6	0.11	240	2.3	0.014	15.3	0.074
06RMS168	<1	1.53	1.4	2.0	<1	83	0.1	0.07	<1	3.9	9.0	8.4	1.19	5	0.02	0.02	4	0.07	44	0.8	0.015	4.5	0.029
06RMS169	0.3	1.81	0.8	0.7	<1	262	0.3	0.81	0.1	1.9	16.0	34.7	0.69	6	0.09	0.02	26	0.12	129	0.7	0.016	6.3	0.072
06RMS170	0.2	0.87	<5	<5	<1	113	0.1	0.08	0.1	1.7	10.0	5.5	0.86	3	0.01	0.06	16	0.06	49	1.3	0.008	4.9	0.021
06RMS171	0.1	1.45	1.5	0.7	1	94	0.1	0.14	0.1	4.2	9.0	10.4	1.70	4	0.02	0.03	9	0.11	588	0.9	0.015	5.2	0.069
06RMS172	0.2	1.28	0.8	0.6	<1	83	0.1	0.12	0.1	3.8	14.0	8.6	1.41	4	0.02	0.04	10	0.09	450	1.5	0.014	9.9	0.075
06RMS173	0.2	1.04	0.9	1.9	<1	81	0.1	0.08	<1	3.1	9.0	7.0	1.30	4	0.01	0.03	11	0.09	77	0.8	0.012	5.8	0.050
06RMS174	0.2	1.58	0.8	<5	<1	114	0.1	0.12	0.2	3.8	8.0	7.7	1.42	5	0.02	0.04	10	0.09	754	1.1	0.016	6.3	0.083
06RMS175	0.1	0.87	1.2	0.7	<1	67	0.1	0.14	<1	3.3	9.0	6.2	1.47	3	<0.1	0.04	12	0.13	100	0.4	0.009	4.5	0.059
06RMS176	0.3	1.53	1.5	1.3	<1	89	0.1	0.10	0.1	4.2	9.0	11.6	1.68	5	0.02	0.03	8	0.11	124	0.6	0.014	6.1	0.079
06RMS177	0.8	2.05	1.9	0.7	1	315	0.2	0.59	0.3	6.2	22.0	30.6	2.08	6	0.04	0.11	29	0.30	1009	2.8	0.021	9.9	0.039
06RMS178	<1	0.69	0.7	<5	3	49	0.1	0.12	<1	3.1	11.0	6.0	1.27	3	0.01	0.02	7	0.10	148	0.4	0.011	5.9	0.049
06RMS179	0.6	1.41	1.3	2.0	1	292	0.1	0.53	0.2	4.6	12.0	76.7	1.78	4	0.03	0.03	35	0.14	207	1.8	0.034	10.9	0.047
06RMS180	0.5	2.34	1.0	1.3	<1	251	0.1	0.32	0.1	3.3	13.0	18.2	1.67	7	0.02	0.04	22	0.17	141	1.6	0.024	10.0	0.025
06RMS181	0.3	2.15	1.1	<5	<1	163	0.1	0.20	<1	4.9	12.0	10.5	1.99	7	0.03	0.04	11	0.15	348	1.2	0.018	8.6	0.036
06RMS182	0.5	0.93	<5	3.5	<1	210	0.3	2.09	<1	1.2	7.0	52.1	0.62	2	0.13	0.02	27	0.09	49	2.2	0.017	9.9	0.078
06RMS183	1.0	2.47	1.0	0.8	<1	205	0.3	0.65	0.2	5.7	16.0	30.9	1.78	9	0.05	0.06	14	0.14	370	1.0	0.014	9.3	0.093
06RMS183 Re	0.9	2.57	1.0	1.7	<1	209	0.3	0.64	0.1	5.2	15.0	30.5	1.54	9	0.05	0.05	14	0.15	333	1.3	0.016	8.5	0.093
06RMS184	0.6	1.06	0.8	4.1	1	219	0.1	2.19	0.1	1.3	14.0	26.9	0.57	2	0.13	0.03	59	0.45	55	1.2	0.015	5.2	0.080
06RMS185	0.3	1.64	1.2	5.7	<1	230	0.2	0.30	<1	2.3	18.0	28.8	0.87	6	0.04	0.01	20	0.10	35	0.2	0.024	10.3	0.022
06RMS186	0.2	1.54	1.7	3.0	<1	64	0.2	0.16	0.1	4.5	14.0	12.8	1.59	5	0.02	0.02	6	0.13	153	0.5	0.016	7.3	0.101
06RMS187	0.1	0.89	<5	<5	1	24	0.1	0.22	<1	0.8	4.0	4.8	0.27	4	0.01	0.01	4	0.06	25	0.1	0.028	1.2	0.076
06RMS188	0.5	1.93	0.8	1.8	<1	335	0.2	1.14	0.3	2.0	15.0	103.6	0.81	5	0.26	0.02	36	0.08	104	0.8	0.016	10.7	0.140
06RMS189	0.1	1.29	1.7	2.8	1	70	0.1	0.15	0.1	4.0	10.0	10.0	1.37	4	0.02	0.03	7	0.12	292	0.5	0.015	6.9	0.066
06RMS190	0.1	1.20	0.8	1.1	<1	122	0.1	0.21	0.1	3.7	10.0	9.6	1.14	4	0.02	0.03	8	0.13	176	0.5	0.015	5.7	0.047
06RMS191	0.1	1.27	1.2	<5	1	70	0.1	0.13	0.1	4.7	13.0	11.8	1.46	5	0.01	0.02	6	0.15	250	0.6	0.017	8.9	0.085
06RMS192	<1	1.26	1.2	<5	<1	103	0.1	0.18	0.1	4.8	13.0	14.5	1.37	4	0.01	0.04	9	0.19	165	0.4	0.015	10.1	0.043
06RMS193	0.1	1.38	1.2	<5	<1	69	0.1	0.13	0.1	4.6	13.0	12.0	1.49	4	0.02	0.03	5	0.16	265	0.6	0.016	8.5	0.065
06RMS194	<1	0.86	1.5	8.0	3	72	0.1	0.12	<1	3.9	13.0	13.0	1.74	3	0.01	0.03	7	0.16	102	0.5	0.012	7.4	0.041
06RMS195	0.1	0.90	0.9	0.8	<1	116	<1	0.18	<1	3.2	10.0	9.7	1.08	3	0.01	0.02	11	0.12	206	0.5	0.015	6.3	0.015
Std DS7	0.9	0.95	48.8	49.1	37	365	4.3	0.90	6.4	9.4	161.0	106.9	2.35	5	0.20	0.43	11	1.02	600	19.1	0.075	54.0	0.079

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:  \_\_\_\_\_  
Mark Acres - Quality Assurance

**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 163 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334

Date: December 08, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06RMS033	9.8	0.27	0.2	1.9	<5	302	<1	1.4	0.016	0.1	17.3	13	0.1	62
06RMS034	7.0	0.37	0.1	1.0	0.7	161	<1	0.7	0.009	0.1	11.8	11	0.1	27
06RMS035	14.5	<0.05	0.1	0.9	<5	9	<1	1.6	0.042	0.1	0.5	36	0.1	167
06RMS036	29.7	<0.05	0.1	0.9	<5	15	<1	1.8	0.022	0.1	0.9	37	0.1	247
06RMS037	26.2	0.43	0.1	1.8	0.9	493	<1	1.7	0.014	0.2	40.4	22	0.1	175
06RMS038	42.6	<0.05	0.1	1.6	<5	82	<1	5.6	0.033	0.1	14.7	34	0.1	152
06RMS039	45.2	<0.05	0.1	1.6	<5	31	<1	6.6	0.026	0.2	7.4	30	0.2	1238
06RMS040	10.8	<0.05	<1	1.3	<5	82	<1	5.1	0.027	0.1	7.7	23	<1	30
06RMS041	7.7	<0.05	0.1	1.0	<5	55	<1	1.3	0.044	<1	2.0	35	0.1	38
06RMS042	6.8	<0.05	0.1	1.0	<5	11	<1	1.3	0.065	<1	0.3	40	0.1	54
06RMS043	5.1	<0.05	0.1	1.1	<5	18	<1	0.8	0.076	<1	0.5	35	0.1	25
06RMS044	24.1	<0.05	0.1	4.2	<5	115	<1	2.8	0.044	0.1	15.9	47	0.1	159
06RMS045	17.3	<0.05	0.1	1.3	<5	12	<1	2.8	0.029	0.1	0.7	37	0.1	140
06RMS046	7.8	<0.05	<1	0.9	<5	14	<1	1.5	0.058	<1	0.6	30	0.1	44
06RMS047	7.7	<0.05	0.1	1.2	<5	25	<1	1.8	0.072	<1	0.6	41	0.1	47
06RMS048	7.5	<0.05	0.1	1.8	<5	44	<1	1.8	0.080	0.1	1.4	36	<1	22
06RMS049	9.5	<0.05	0.1	1.4	<5	32	<1	2.2	0.059	0.1	1.0	48	0.1	60
06RMS050	4.6	<0.05	0.1	1.3	<5	29	<1	1.0	0.083	<1	1.5	43	0.1	28
06RMS051	4.8	<0.05	0.1	1.0	<5	34	<1	0.4	0.056	<1	1.2	30	0.1	24
06RMS052	8.4	<0.05	0.1	5.4	<5	157	<1	3.8	0.086	0.1	30.0	57	0.1	75
06RMS053	5.7	<0.05	0.1	2.9	<5	108	<1	1.7	0.067	0.1	8.7	37	0.1	37
06RMS053 Re	5.4	<0.05	<1	2.9	<5	109	<1	1.8	0.068	0.1	9.0	36	0.1	38
06RMS054	10.0	<0.05	0.1	6.1	0.6	212	<1	4.6	0.076	0.1	33.8	41	0.1	41
06RMS055	3.9	<0.05	0.1	1.0	<5	33	<1	0.7	0.053	<1	1.5	40	0.1	17
06RMS056	5.4	<0.05	0.1	1.3	<5	13	<1	1.2	0.076	<1	0.5	44	0.1	44
06RMS057	8.1	<0.05	0.1	1.9	0.7	11	<1	2.6	0.058	0.1	1.0	47	0.1	60
06RMS058	6.0	<0.05	0.1	1.1	<5	11	<1	2.0	0.059	<1	0.6	36	0.1	29
06RMS059	40.2	0.16	0.2	4.7	<5	162	<1	3.4	0.032	0.3	38.3	26	0.1	220
06RMS060	9.2	<0.05	0.1	1.0	<5	8	<1	3.2	0.050	<1	0.5	34	0.1	71
06RMS061	3.1	0.48	0.3	0.6	1.1	705	<1	0.4	0.005	0.1	37.4	26	0.1	9
06RMS062	12.4	<0.05	<1	1.1	<5	19	<1	2.0	0.064	<1	1.0	32	0.1	77
06RMS063	10.9	<0.05	0.1	1.0	<5	22	<1	1.5	0.050	<1	0.9	37	0.1	76
06RMS064	38.6	<0.05	0.1	1.2	<5	12	<1	2.1	0.041	0.1	0.7	39	0.1	186
06RMS065	21.3	<0.05	0.1	1.3	<5	20	<1	2.5	0.044	0.1	0.6	39	0.1	127
Std DS7	67.3	0.19	5.2	2.3	3.5	65	1	4.3	0.105	4.1	4.8	86	3.8	394

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_





**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 163 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334

Date: December 08, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06RMS066	28.1	<.05	<.1	1.0	<.5	12	<.1	3.4	0.019	0.1	0.9	34	0.1	192
06RMS067	12.9	<.05	<.1	1.2	<.5	14	<.1	2.8	0.045	0.1	1.4	34	0.1	101
06RMS068	11.9	<.05	<.1	0.8	<.5	59	<.1	1.9	0.041	0.1	2.7	30	0.1	132
06RMS069	13.4	<.05	0.1	1.0	<.5	9	<.1	2.4	0.039	0.1	0.5	34	0.1	97
06RMS070	9.3	<.05	0.1	2.3	<.5	14	<.1	2.4	0.078	0.1	0.8	46	0.2	73
06RMS071	12.7	<.05	0.1	1.9	<.5	13	<.1	2.7	0.076	0.1	0.8	65	0.2	63
06RMS072	8.3	<.05	0.1	1.5	<.5	22	<.1	1.8	0.058	<.1	1.2	35	0.1	67
06RMS073	7.0	<.05	0.1	1.5	<.5	10	<.1	1.5	0.052	<.1	0.4	40	0.1	36
06RMS074	7.7	<.05	0.1	1.5	<.5	14	<.1	1.4	0.069	0.1	0.5	44	0.1	66
06RMS075	7.8	<.05	0.1	1.4	<.5	12	<.1	1.4	0.069	<.1	0.4	49	0.1	71
06RMS076	14.5	0.08	0.2	5.4	1.0	128	<.1	2.9	0.043	0.1	35.5	65	0.1	32
06RMS077	14.9	<.05	0.1	1.8	<.5	46	<.1	2.2	0.058	0.1	5.3	39	0.1	74
06RMS078	13.4	<.05	0.1	1.2	<.5	35	<.1	1.8	0.032	0.1	1.6	37	0.4	105
06RMS079	20.4	<.05	0.1	0.9	<.5	19	<.1	1.7	0.026	0.1	0.8	33	0.2	79
06RMS080	13.7	<.05	0.1	0.9	<.5	22	<.1	1.1	0.031	0.1	1.2	32	0.1	77
06RMS081	20.9	<.05	<.1	0.8	<.5	19	<.1	2.3	0.013	0.1	0.5	30	0.1	112
06RMS082	18.2	<.05	0.1	1.0	<.5	44	<.1	1.3	0.029	0.1	1.9	39	0.1	80
06RMS083	31.5	<.05	<.1	0.7	<.5	17	<.1	1.5	0.020	<.1	0.6	29	0.1	63
06RMS083 Re	31.3	<.05	<.1	0.8	<.5	18	<.1	1.5	0.020	0.1	0.7	29	0.1	58
06RMS084	30.8	<.05	0.2	3.2	0.7	181	<.1	2.4	0.034	0.1	10.7	33	0.1	256
06RMS085	18.0	<.05	<.1	1.3	<.5	25	<.1	1.7	0.035	0.1	1.4	36	0.1	135
06RMS086	21.2	0.10	0.2	3.2	0.8	88	<.1	2.7	0.034	0.2	23.0	57	0.2	196
06RMS087	27.5	0.13	0.2	7.2	1.4	112	<.1	5.0	0.034	0.3	76.2	91	0.1	190
06RMS088	7.6	<.05	0.2	1.0	0.5	99	<.1	0.5	0.032	<.1	3.5	24	0.1	38
06RMS089	6.3	<.05	<.1	0.8	<.5	20	<.1	1.2	0.052	<.1	0.6	30	0.1	36
06RMS090	9.1	<.05	0.1	0.9	<.5	12	<.1	3.5	0.035	<.1	0.6	39	0.1	52
06RMS091	7.7	<.05	0.1	1.0	<.5	16	<.1	1.9	0.044	<.1	0.4	39	0.2	56
06RMS092	8.2	<.05	0.1	1.5	<.5	18	<.1	1.3	0.075	0.1	0.5	41	0.1	100
06RMS093	17.1	<.05	0.1	1.4	<.5	53	<.1	1.8	0.044	0.1	2.0	37	0.1	125
06RMS094	11.7	<.05	0.1	1.7	<.5	18	<.1	1.8	0.069	<.1	0.7	40	0.1	158
06RMS095	9.9	<.05	0.1	1.4	<.5	14	<.1	1.5	0.077	<.1	0.5	42	0.1	162
06RMS096	11.4	<.05	0.1	1.4	<.5	14	<.1	1.6	0.081	<.1	0.6	42	0.1	208
06RMS097	16.0	<.05	<.1	1.2	<.5	22	<.1	3.6	0.048	0.1	1.2	42	0.1	200
06RMS098	15.4	<.05	<.1	1.1	<.5	10	<.1	3.0	0.032	0.1	0.8	37	0.1	216
Std DS7	67.0	0.19	5.1	2.4	3.7	66	1	3.8	0.105	4.1	4.7	84	3.8	398

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 163 Soil

**TSL LABORATORIES INC.**

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Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334

Date: December 08, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
06RMS099	15.3	<.05	0.1	1.4	0.5	16	<.1	1.1	0.073	0.1	0.4	47	0.1	74
06RMS100	8.4	<.05	0.1	1.1	<.5	12	<.1	1.2	0.060	<.1	0.5	43	0.1	89
06RMS100 Re	9.0	<.05	0.1	1.3	<.5	12	<.1	1.5	0.059	<.1	0.5	42	0.1	94
06RMS101	10.5	<.05	0.1	1.4	<.5	25	<.1	2.2	0.070	<.1	2.0	36	0.1	144
06RMS102	10.8	<.05	0.1	1.3	<.5	12	<.1	1.4	0.083	<.1	0.4	50	0.2	89
06RMS103	9.6	0.07	0.1	2.2	0.6	69	<.1	1.3	0.071	0.1	6.6	26	0.1	49
06RMS104	7.7	<.05	<.1	1.2	0.6	20	<.1	2.1	0.065	<.1	2.6	42	0.1	82
06RMS105	8.6	<.05	0.1	1.1	<.5	22	<.1	1.7	0.057	<.1	1.8	39	0.1	80
06RMS106	8.9	<.05	0.1	1.1	<.5	14	<.1	2.5	0.084	<.1	1.1	46	0.1	122
06RMS107	9.4	<.05	0.1	1.6	<.5	14	<.1	1.7	0.073	0.1	0.7	42	0.1	117
06RMS108	7.8	<.05	0.1	1.4	<.5	12	<.1	2.2	0.088	0.1	0.4	41	0.2	115
06RMS109	8.8	<.05	0.1	1.6	<.5	13	<.1	1.9	0.081	0.1	0.6	52	0.2	66
06RMS110	10.1	<.05	0.1	1.5	<.5	18	<.1	2.3	0.080	0.1	0.6	53	0.1	68
06RMS111	8.7	<.05	0.1	1.3	<.5	12	<.1	1.7	0.074	<.1	0.5	38	0.2	57
06RMS112	8.6	<.05	0.1	1.1	<.5	14	<.1	1.3	0.070	<.1	2.8	39	0.1	61
06RMS113	14.0	<.05	0.1	1.9	<.5	23	<.1	2.9	0.080	0.1	4.7	26	0.1	103
06RMS114	8.2	<.05	0.1	1.6	<.5	15	<.1	2.1	0.077	<.1	1.2	47	0.1	89
06RMS115	24.3	<.05	0.1	4.9	<.5	75	<.1	3.8	0.063	0.1	17.5	46	0.1	110
06RMS116	14.7	<.05	0.1	1.0	<.5	12	<.1	1.4	0.049	<.1	0.5	40	0.1	67
06RMS117	10.3	<.05	0.1	1.4	0.5	23	<.1	1.3	0.073	0.1	1.1	22	0.1	42
06RMS118	8.8	<.05	<.1	0.8	<.5	17	<.1	0.6	0.046	<.1	0.4	27	<.1	55
06RMS119	10.7	<.05	0.1	1.2	<.5	11	<.1	1.2	0.055	<.1	0.4	37	0.1	63
06RMS120	14.5	<.05	<.1	1.0	<.5	18	<.1	0.7	0.055	<.1	0.6	31	0.1	69
06RMS121	9.4	<.05	0.1	1.1	<.5	13	<.1	1.2	0.054	<.1	0.6	38	0.1	61
06RMS122	11.9	<.05	0.1	1.1	0.5	14	<.1	1.0	0.054	<.1	0.5	36	0.1	66
06RMS123	9.9	<.05	0.1	1.3	0.5	11	<.1	1.4	0.051	<.1	0.4	38	0.1	67
06RMS124	2.8	0.28	0.2	1.4	1.2	66	<.1	0.2	0.012	<.1	3.8	18	<.1	8
06RMS125	3.8	0.26	0.2	1.4	0.7	98	<.1	0.3	0.011	<.1	4.3	14	0.1	11
06RMS126	2.4	0.38	0.2	0.8	1.0	72	<.1	0.2	0.006	<.1	1.6	6	<.1	10
06RMS127	19.0	<.05	0.1	2.6	<.5	41	<.1	1.9	0.054	0.1	6.6	40	0.1	70
06RMS128	9.5	<.05	0.1	0.9	<.5	18	<.1	0.9	0.057	<.1	0.4	31	0.1	47
06RMS129	9.0	<.05	0.1	1.2	<.5	14	<.1	1.2	0.056	<.1	0.4	34	0.1	68
06RMS130	9.3	<.05	0.1	1.4	<.5	19	<.1	1.4	0.062	<.1	0.6	37	0.1	60
06RMS131	6.4	<.05	0.1	1.5	<.5	16	<.1	1.4	0.070	<.1	0.4	39	0.1	68
Std DS7	67.1	0.19	5.2	2.4	3.9	66	<.1	4.2	0.101	4.2	4.7	81	3.6	357

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
at 95C for 1 hour and diluted to 15 ml with D.I. H2O.Signed: 

**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 163 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334

Date: December 08, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06RMS132	7.1	0.06	0.1	2.0	<.5	29	<.1	2.8	0.090	0.1	0.6	46	<.1	68
06RMS133	6.8	<.05	<.1	1.4	<.5	31	<.1	3.1	0.093	<.1	1.0	40	<.1	73
06RMS134	9.8	<.05	0.1	1.9	<.5	37	<.1	1.1	0.084	0.1	2.9	47	0.1	99
06RMS135	7.2	<.05	0.1	2.2	<.5	35	<.1	1.5	0.101	0.1	1.5	51	0.1	74
06RMS136	12.1	<.05	<.1	2.3	<.5	27	<.1	1.6	0.087	0.1	1.7	50	<.1	58
06RMS137	8.7	<.05	0.1	1.5	<.5	21	<.1	1.8	0.085	<.1	0.5	48	0.1	72
06RMS138	9.2	<.05	0.1	1.8	<.5	21	<.1	1.4	0.086	0.1	0.5	50	0.1	69
06RMS139	10.2	<.05	0.1	2.4	<.5	33	<.1	1.9	0.101	0.1	1.4	55	<.1	57
06RMS140	6.0	<.05	<.1	1.4	<.5	29	<.1	1.2	0.096	<.1	0.5	39	0.1	61
06RMS141	5.8	<.05	0.1	1.2	<.5	20	<.1	1.1	0.064	<.1	0.6	40	0.1	43
06RMS142	8.8	<.05	0.1	1.3	<.5	26	<.1	0.9	0.085	<.1	0.8	46	<.1	54
06RMS143	10.0	<.05	0.1	0.9	<.5	11	<.1	1.3	0.042	<.1	0.3	39	0.1	41
06RMS144	8.6	<.05	0.1	1.3	<.5	14	<.1	1.3	0.066	<.1	0.3	40	0.1	69
06RMS145	11.0	<.05	0.1	1.0	<.5	15	<.1	1.3	0.065	<.1	0.3	38	0.1	98
06RMS146	11.0	<.05	0.1	1.2	<.5	18	<.1	2.0	0.063	<.1	0.6	37	0.2	85
06RMS147	24.5	<.05	0.1	4.7	<.5	83	<.1	3.3	0.053	0.3	7.8	95	0.2	205
06RMS148	7.2	<.05	0.1	1.3	<.5	15	<.1	2.0	0.069	0.1	0.5	40	0.1	63
06RMS149	7.9	<.05	0.1	1.6	<.5	18	<.1	1.7	0.081	0.1	0.5	42	0.1	57
06RMS150	9.2	<.05	0.1	1.3	<.5	17	<.1	2.3	0.062	0.1	0.8	38	0.1	58
06RMS151	10.0	<.05	0.1	1.2	<.5	15	<.1	1.8	0.060	0.1	0.5	33	0.1	71
06RMS152	8.3	<.05	0.1	1.3	<.5	15	<.1	1.7	0.073	<.1	0.4	43	0.1	62
06RMS153	8.8	<.05	0.1	1.4	<.5	17	<.1	1.7	0.074	0.1	0.4	45	0.1	75
06RMS153 Re	8.1	<.05	0.1	1.4	<.5	17	<.1	1.6	0.071	0.1	0.4	43	0.1	74
06RMS154	6.3	<.05	0.1	1.6	<.5	19	<.1	1.7	0.070	0.1	0.5	52	0.1	41
06RMS155	9.6	<.05	0.1	1.4	<.5	22	<.1	2.2	0.100	0.1	1.2	52	0.1	64
06RMS156	10.1	<.05	0.1	1.4	<.5	35	<.1	1.9	0.070	0.1	1.3	41	0.1	44
06RMS157	7.0	<.05	<.1	1.0	<.5	21	<.1	1.0	0.072	0.1	0.5	23	<.1	20
06RMS158	8.4	<.05	0.1	1.4	<.5	28	<.1	1.5	0.099	0.1	0.7	33	0.1	35
06RMS159	6.4	<.05	0.1	1.1	<.5	18	<.1	1.2	0.074	<.1	0.6	38	0.1	18
06RMS160	7.6	<.05	0.1	1.0	<.5	21	<.1	0.8	0.067	<.1	0.5	21	0.1	20
06RMS161	5.6	<.05	0.1	1.4	<.5	14	<.1	1.6	0.084	<.1	0.5	39	0.1	29
06RMS162	8.1	<.05	0.1	1.1	<.5	12	<.1	1.5	0.062	<.1	0.4	38	0.1	46
06RMS163	9.5	<.05	0.1	3.1	<.5	37	<.1	1.5	0.142	0.1	1.0	57	<.1	47
06RMS164	9.5	<.05	<.1	1.2	<.5	15	<.1	1.5	0.061	0.1	0.5	33	0.1	49
Std DS7	73.4	0.20	5.2	2.4	3.7	68	1	4.1	0.119	4.2	4.8	85	3.7	404

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



**APEX Geoscience Ltd.**

Attention: M. Dufresne

Project: 06SWS001

Sample: 163 Soil

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21334

Date: December 08, 2006

**MULTIELEMENT ICP-MS ANALYSIS**

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06RMS165	7.6	0.06	<.1	1.0	<.5	11	<.1	1.4	0.060	0.1	0.4	33	0.1	59
06RMS166	7.0	<.05	0.1	1.3	<.5	12	<.1	1.6	0.070	0.1	0.4	32	0.1	64
06RMS167	7.3	<.05	0.1	1.4	<.5	11	<.1	1.7	0.065	<.1	0.4	33	0.1	49
06RMS168	5.3	<.05	0.1	1.3	<.5	7	<.1	1.3	0.069	0.1	0.4	31	0.1	17
06RMS169	9.6	0.10	0.2	1.9	<.5	70	<.1	0.7	0.019	0.1	12.5	12	0.1	23
06RMS170	15.6	<.05	<.1	0.7	<.5	8	<.1	2.5	0.009	0.2	0.6	22	0.1	97
06RMS171	9.0	<.05	0.1	1.7	<.5	12	<.1	1.8	0.071	0.1	0.4	38	0.1	74
06RMS172	10.5	<.05	0.1	1.4	<.5	11	<.1	2.3	0.050	0.1	0.4	31	0.1	88
06RMS173	13.9	<.05	<.1	0.8	<.5	7	<.1	2.7	0.028	0.1	0.8	29	0.1	84
06RMS174	11.2	<.05	<.1	1.3	<.5	11	<.1	2.1	0.053	0.1	0.4	29	0.1	178
06RMS175	15.4	<.05	0.1	1.1	<.5	10	<.1	3.7	0.033	0.1	0.5	33	0.1	82
06RMS176	12.5	<.05	0.1	1.2	<.5	10	<.1	2.0	0.054	<.1	0.8	35	0.1	108
06RMS177	26.6	<.05	0.1	3.8	<.5	46	<.1	2.3	0.045	0.1	5.7	38	0.1	117
06RMS178	7.7	<.05	<.1	0.8	<.5	11	<.1	1.8	0.048	<.1	0.4	36	0.6	50
06RMS179	11.2	<.05	0.1	2.1	0.6	50	<.1	0.7	0.058	<.1	15.4	40	0.1	140
06RMS180	12.9	<.05	0.1	2.4	<.5	41	<.1	3.0	0.083	0.1	6.9	32	0.1	83
06RMS181	12.5	<.05	0.1	1.3	<.5	18	<.1	1.8	0.075	0.1	1.3	41	0.1	67
06RMS182	6.9	0.36	0.3	1.9	1.9	164	<.1	0.9	0.021	0.1	27.5	26	0.1	13
06RMS183	13.8	<.05	0.1	2.5	<.5	66	<.1	2.3	0.038	0.2	4.6	23	<.1	44
06RMS183 Re	14.1	<.05	0.1	2.7	0.6	65	<.1	2.1	0.048	0.3	4.5	25	0.1	45
06RMS184	5.3	0.30	0.3	1.9	1.5	127	<.1	1.3	0.016	0.1	11.5	16	0.1	16
06RMS185	10.7	<.05	0.2	3.0	<.5	33	<.1	2.9	0.051	0.1	7.1	29	0.1	13
06RMS186	7.6	<.05	0.1	1.9	<.5	13	<.1	1.8	0.071	0.1	0.6	39	0.2	50
06RMS187	3.1	<.05	0.1	0.8	<.5	14	<.1	0.3	0.070	<.1	0.4	14	<.1	9
06RMS188	11.1	0.17	0.3	2.6	0.5	114	<.1	0.4	0.021	<.1	19.1	15	0.1	22
06RMS189	6.6	<.05	0.1	1.4	<.5	13	<.1	1.5	0.064	0.1	0.5	33	0.1	59
06RMS190	8.2	<.05	<.1	1.0	<.5	21	<.1	1.4	0.051	0.1	1.0	29	0.1	61
06RMS191	6.4	<.05	<.1	1.2	<.5	12	<.1	1.5	0.067	<.1	0.4	36	0.1	74
06RMS192	7.4	<.05	<.1	1.1	0.7	19	<.1	1.5	0.060	0.1	0.8	33	0.1	47
06RMS193	6.8	<.05	0.1	1.4	<.5	12	<.1	1.5	0.072	<.1	0.4	38	0.1	57
06RMS194	7.4	<.05	0.1	0.9	0.5	8	<.1	1.8	0.048	<.1	0.4	45	0.1	37
06RMS195	6.6	<.05	0.1	1.0	<.5	19	<.1	1.2	0.049	0.1	1.1	30	0.1	36
Std DS7	66.4	0.20	5.0	2.4	3.9	68	1	4.2	0.121	4.1	4.5	83	3.8	396

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
at 95C for 1 hour and diluted to 15 ml with D.I. H2O.Signed: 



2 - 302 48th Street • Saskatoon, SK • S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company: APEX Geoscience Ltd.  
Geologist: K. Raffle  
Project: 06SWS002  
Purchase Order: 99123

TSL Report: S21368  
Date Received: Nov 20, 2006  
Date Reported: Nov 24, 2006  
Invoice: 41036

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Soil	158	-80 mesh	Dry, Screen

*Standard Procedure:*

*Samples for Au Fire Assay/AA (ppb) are weighed at 30 grams.*

*Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).*

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppb	Fire Assay/AA	5	3000
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%

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### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21368
-----------------------------

**SAMPLE(S) OF**  
158 Soil/0 Pulp


INVOICE #: 41036  
P.O.:

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
06BWS280	<5		S21368
06BWS281	<5		S21368
06BWS282	10		S21368
06BWS283	<5	5	S21368
06BWS284	<5		S21368
06BWS285	20		S21368
06BWS286	<5		S21368
06BWS287	10		S21368
06BWS288	<5		S21368
06BWS289	<5		S21368
06BWS290	5		S21368
06BWS291	<5		S21368
06BWS292	<5		S21368
06BWS293	5	<5	S21368
06BWS294	<5		S21368
06BWS295	<5		S21368
06BWS296	<5		S21368
06BWS297	<5		S21368
06BWS298	<5		S21368
06BWS299	<5		S21368

COPIES TO: D. Besserer, K. Raffle  
INVOICE TO: Apex Geoscience - Edmonton

Nov 24/06

SIGNED   
Mark Acres - Quality Assurance



#2 - 302 48<sup>th</sup> Street · Saskatoon, SK · S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21368
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**SAMPLE(S) OF**  
158 Soil/0 Pulp


INVOICE #:41036  
P.O.:

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
06BWS300	<5		S21368
06BWS301	<5		S21368
06BWS302	<5		S21368
06BWS303	<5	<5	S21368
06BWS304	<5		S21368
06BWS305	10		S21368
06BWS306	<5		S21368
06BWS307	20		S21368
06BWS308	10		S21368
06BWS309	5		S21368
06BWS310	<5		S21368
06BWS311	10		S21368
06BWS312	5		S21368
06BWS313	<5	<5	S21368
06BWS314	5		S21368
06BWS315	<5		S21368
06BWS316	75		S21368
06BWS317	<5		S21368
06BWS318	<5		S21368
06BWS319	<5		S21368

COPIES TO: D. Besserer, K. Raffle  
INVOICE TO: Apex Geoscience - Edmonton

Nov 24/06

SIGNED   
Mark Acres - Quality Assurance



#2 - 302 48<sup>th</sup> Street · Saskatoon, SK · S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21368
-----------------------------

**SAMPLE(S) OF**  
158 Soil/0 Pulp

INVOICE #:41036  
P.O.:

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
06BWS320	5		S21368
06BWS321	<5		S21368
06BWS322	<5		S21368
06BWS323	<5	<5	S21368
06BWS324	<5		S21368
06BWS325	<5		S21368
06BWS326	<5		S21368
06BWS327	<5		S21368
06BWS328	25		S21368
06BWS329	<5		S21368
06BWS330	<5		S21368
06BWS331	<5		S21368
06BWS332	15		S21368
06BWS333	<5	<5	S21368
06BWS334	10		S21368
06BWS335	<5		S21368
06BWS336	<5		S21368
06BWS337	5		S21368
06BWS338	<5		S21368
06BWS339	<5		S21368

COPIES TO: D. Besserer, K. Raffle  
INVOICE TO: Apex Geoscience - Edmonton

Nov 24/06

SIGNED 

Mark Acres - Quality Assurance



### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
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Edmonton, Alberta  
T6E 5V8

**REPORT No.**  
S21368

**SAMPLE(S) OF**  
158 Soil/0 Pulp

INVOICE #: 41036  
P.O.:

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
06BWS340	<5		S21368
06BWS341	5		S21368
06BWS342	<5		S21368
06BWS343	20	15	S21368
06BWS344	<5		S21368
06BWS345	<5		S21368
06BWS346	10		S21368
06BWS347	<5		S21368
06BWS348	<5		S21368
06BWS349	10		S21368
06BWS350	<5		S21368
06BWS351	<5		S21368
06BWS352	10		S21368
06BWS353	<5	<5	S21368
06BWS354	<5		S21368
06BWS355	10		S21368
06BWS356	<5		S21368
06BWS357	<5		S21368
06BWS358	<5		S21368
06BWS359	<5		S21368

COPIES TO: D. Besserer, K. Raffle  
INVOICE TO: Apex Geoscience - Edmonton

Nov 24/06

SIGNED   
Mark Acres - Quality Assurance



#2 - 302 48<sup>th</sup> Street • Saskatoon, SK • S7K 6A4  
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

### CERTIFICATE OF ANALYSIS

**SAMPLE(S) FROM**  
APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21368
-----------------------------

**SAMPLE(S) OF**  
158 Soil/0 Pulp


INVOICE #: 41036  
P.O.:

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
06BWS360	<5		S21368
06BWS361	<5		S21368
06BWS362	<5		S21368
06BWS363	<5	<5	S21368
06BWS364	10		S21368
06BWS365	<5		S21368
06BWS366	<5		S21368
06BWS367	<5		S21368
06BWS368	<5		S21368
06BWS369	<5		S21368
06BWS370	<5		S21368
06BWS371	<5		S21368
06BWS372	10		S21368
06BWS373	<5	<5	S21368
06BWS374	<5		S21368
06BWS375	<5		S21368
06BWS376	<5		S21368
06BWS377	<5		S21368
06BWS378	<5		S21368
06BWS379	<5		S21368

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<b>REPORT No.</b> S21368
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**SAMPLE(S) OF**  
158 Soil/0 Pulp


**INVOICE #:**41036  
**P.O.:**

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
06BWS380	<5		S21368
06JCS207	<5		S21368
06JCS208	<5		S21368
06JCS209	<5	<5	S21368
06JCS210	5		S21368
06JCS211	<5		S21368
06JCS212	<5		S21368
06JCS213	<5		S21368
06JCS214	<5		S21368
06JCS215	<5		S21368
06JCS216	40		S21368
06JCS217	<5		S21368
06JCS218	<5		S21368
06JCS219	<5	<5	S21368
06JCS220	<5		S21368
06JCS221	<5		S21368
06JCS222	10		S21368
06JCS223	<5		S21368
06JCS224	<5		S21368
06JCS225	<5		S21368

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<b>REPORT No.</b> S21368
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**SAMPLE(S) OF**  
158 Soil/0 Pulp


INVOICE #:41036  
P.O.:

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
06JCS226	<5		S21368
06JCS227	10		S21368
06JCS228	<5		S21368
06JCS229	<5	<5	S21368
06JCS230	<5		S21368
06JCS231	<5		S21368
06JCS232	<5		S21368
06JCS233	<5		S21368
06JCS234	<5		S21368
06JCS235	<5		S21368
06JCS236	<5		S21368
06JCS237	<5		S21368
06JCS238	10		S21368
06JCS239	<5	<5	S21368
06JCS240	<5		S21368
06JCS241	5		S21368
06RMS196	<5		S21368
06RMS197	<5		S21368
06RMS198	<5		S21368
06RMS199	<5		S21368

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<b>REPORT No.</b> S21368
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**SAMPLE(S) OF**  
158 Soil/0 Pulp


INVOICE #:41036  
P.O.:

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
06RMS200	<5		S21368
06RMS201	15		S21368
06RMS202	<5		S21368
06RMS203	<5	<5	S21368
06RMS204	<5		S21368
06RMS205	<5		S21368
06RMS206	<5		S21368
06RMS207	<5		S21368
06RMS208	5		S21368
06RMS209	<5		S21368
06RMS210	<5		S21368
06RMS211	<5		S21368
06RTS001	<5		S21368
06RTS002	<5		S21368
06RTS003	<5		S21368
06RTS004	<5		S21368
06RTS005	<5		S21368
06RTS006	<5		S21368
GS-1C	1020		S21368
GS-1C	1050		S21368

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**SAMPLE(S) FROM** APEX Geoscience Ltd.  
200 - 9797 - 45th Ave.  
Edmonton, Alberta  
T6E 5V8

<b>REPORT No.</b> S21368
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**SAMPLE(S) OF** 158 Soil/0 Pulp


**INVOICE #:** 41036  
**P.O.:**

K. Raffle  
Project: 06SWS002

	Au ppb	Au1 ppb	File Name
GS-1C	1030		S21368
GS-1C	910		S21368
GS-1C	1040		S21368
GS-1C	1020		S21368
GS-1C	1020		S21368
GS-1C	970		S21368

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**INVOICE TO:** Apex Geoscience - Edmonton

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Company: APEX Geoscience Ltd.  
 Geologist: K. Raffle  
 Project: 06SWS002  
 Purchase Order: 99123

TSL Report: S21368  
 Date Received: Nov 20, 2006  
 Date Reported: Dec 11, 2006  
 Invoice: 41036

Sample Type: Number Size Fraction Sample Preparation  
 Soil 158 -80 mesh Dry, Screen

**ICP-MS Aqua Regia Digestion HCl-HNO<sub>3</sub>**

*The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.*

Element Name	Lower Detection Limit	Upper Detection Limit	Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm	Mn *	1 ppm	50000 ppm
Al *	0.01 %	10 %	Mo	0.1 ppm	2000 ppm
As	0.5 ppm	10000 ppm	Na *	0.001%	10 %
Au	0.5 ppb	100 ppm	Ni	0.1 ppm	10000 ppm
B *	1 ppm	2000 ppm	P *	0.001%	5 %
Ba *	1 ppm	1000 ppm	Pb	0.1 ppm	10000 ppm
Bi	0.1 ppm	2000 ppm	S	0.05 %	10 %
Ca *	0.01%	40 %	Sb	0.1 ppm	2000 ppm
Cd	0.1 ppm	2000 ppm	Sc	0.1 ppm	100 ppm
Co	0.1 ppm	2000 ppm	Se	0.5 ppm	1000 ppm
Cr *	1 ppm	10000 ppm	Sr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm	Te	1 ppm	2000 ppm
Fe *	0.01%	40 %	Th *	0.1 ppm	2000 ppm
Ga *	1 ppm	1000 ppm	Ti *	0.001%	10 %
Hg	0.01 ppm	100 ppm	Tl	0.1 ppm	1000 ppm
K *	0.01%	10 %	U *	0.1 ppm	2000 ppm
La *	1 ppm	10000 ppm	V *	2 ppm	10000 ppm
Mg *	0.01%	30 %	W *	0.1 ppm	100 ppm
			Zn	1 ppm	10000 ppm

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TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368

Date: December 11, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 06SWS002

Sample: 158 Soil

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS280	0.2	1.40	3.2	2.9	1	74	0.1	0.22	0.1	7.5	19.0	25.7	1.79	5	0.02	0.05	5	0.34	308	0.5	0.021	11.5	0.104
06BWS281	0.4	1.35	1.9	0.6	1	129	0.7	0.37	0.1	4.8	15.0	20.4	1.74	4	0.01	0.05	7	0.23	193	0.3	0.024	6.7	0.012
06BWS282	0.5	1.74	4.3	4.2	1	161	0.5	0.38	0.3	6.7	24.0	44.9	1.80	5	0.02	0.06	6	0.32	215	0.4	0.029	17.0	0.042
06BWS283	0.1	1.38	3.0	9.7	1	74	0.1	0.19	0.1	5.6	15.0	15.0	1.39	5	0.02	0.04	4	0.21	269	0.4	0.022	10.9	0.124
06BWS284	<.1	1.84	4.4	2.4	<1	78	0.1	0.17	0.1	7.9	22.0	23.6	1.84	6	0.02	0.04	5	0.35	318	0.4	0.022	16.7	0.142
06BWS285	0.1	1.66	4.2	1.9	<1	85	0.1	0.18	0.1	7.5	19.0	20.0	1.80	5	0.02	0.05	4	0.31	372	0.4	0.023	12.5	0.136
06BWS286	0.1	1.32	4.6	31.6	<1	85	0.1	0.30	0.1	9.5	33.0	25.0	2.90	5	0.01	0.07	5	0.46	197	0.3	0.016	16.5	0.054
06BWS287	0.1	1.41	3.6	3.3	1	86	0.1	0.30	0.1	8.9	25.0	27.1	2.19	5	0.01	0.08	6	0.47	244	0.2	0.023	16.6	0.080
06BWS288	0.1	1.39	2.4	1.6	1	104	0.1	0.25	0.1	7.6	17.0	17.2	1.80	5	0.01	0.10	5	0.29	414	0.4	0.021	12.9	0.114
06BWS289	0.4	1.42	2.6	1.7	1	95	0.9	0.25	0.1	6.3	14.0	30.1	2.14	5	0.02	0.08	6	0.29	349	0.9	0.018	7.3	0.078
06BWS290	0.2	2.04	4.4	5.3	1	101	0.1	0.26	0.1	10.2	27.0	30.1	1.99	6	0.03	0.07	6	0.50	417	0.4	0.027	21.1	0.146
06BWS291	0.1	1.07	2.1	9.9	1	64	0.1	0.22	0.1	5.5	15.0	12.6	1.64	4	0.01	0.05	5	0.24	191	0.2	0.016	8.1	0.077
06BWS292	0.4	1.33	1.7	0.7	1	133	0.1	0.27	0.1	5.4	18.0	23.9	1.53	4	0.01	0.06	12	0.25	134	0.2	0.020	11.2	0.034
06BWS293	0.2	1.17	1.8	0.8	<1	103	0.5	0.22	0.2	5.3	13.0	15.4	1.65	4	0.02	0.06	6	0.21	257	0.4	0.018	6.9	0.078
06BWS294	0.3	0.97	2.1	4.0	<1	69	0.3	0.21	0.1	4.7	15.0	16.7	1.83	4	0.02	0.06	7	0.23	160	0.7	0.014	7.0	0.072
06BWS295	0.1	1.19	1.4	<.5	<1	84	0.2	0.23	0.1	5.3	15.0	13.1	1.81	4	0.01	0.07	5	0.24	164	0.4	0.017	7.8	0.027
06BWS296	0.1	1.32	2.0	1.4	1	91	1.1	0.19	0.1	6.3	15.0	18.3	1.89	5	0.01	0.08	5	0.27	245	0.7	0.016	9.7	0.040
06BWS297	0.2	1.47	2.4	4.1	1	92	0.6	0.23	0.2	6.8	16.0	21.9	1.73	5	0.02	0.06	6	0.30	235	0.4	0.021	11.0	0.066
06BWS298	0.1	1.62	3.5	1.8	<1	114	0.2	0.24	0.1	8.0	18.0	22.1	1.65	5	0.02	0.06	5	0.34	674	0.4	0.022	14.0	0.120
06BWS299	0.1	1.85	2.5	<.5	<1	125	0.4	0.22	0.2	7.7	17.0	19.8	1.89	7	0.02	0.07	4	0.32	782	0.4	0.019	12.3	0.128
06BWS300	0.5	1.87	2.4	0.7	1	140	0.4	0.36	0.1	8.4	22.0	65.6	1.91	6	0.02	0.08	12	0.41	313	0.5	0.023	16.2	0.061
06BWS300 Re	0.5	2.00	2.4	2.2	1	147	0.3	0.37	0.1	9.0	22.0	69.4	1.97	6	0.02	0.08	13	0.42	322	0.6	0.024	17.2	0.065
06BWS301	0.2	1.55	3.3	0.8	1	97	0.6	0.28	0.4	9.1	23.0	33.2	2.18	6	0.02	0.07	5	0.44	474	0.4	0.020	15.3	0.104
06BWS302	0.7	1.60	4.8	2.7	<1	179	3.9	0.30	0.6	7.9	16.0	63.7	2.34	6	0.01	0.11	12	0.26	619	1.1	0.018	11.6	0.088
06BWS303	0.2	1.37	4.4	2.4	<1	129	1.4	0.20	0.4	7.9	16.0	33.6	2.21	5	0.03	0.08	6	0.31	483	0.4	0.017	11.5	0.134
06BWS304	0.3	1.51	4.8	4.3	<1	112	0.9	0.20	0.3	9.2	19.0	27.2	2.14	6	0.02	0.07	5	0.34	796	0.8	0.020	13.6	0.134
06BWS305	0.1	1.30	3.7	9.5	<1	75	0.1	0.26	0.1	8.6	21.0	24.0	2.15	5	0.02	0.06	5	0.35	380	0.4	0.021	13.5	0.097
06BWS306	0.2	1.37	3.0	1.5	<1	131	0.1	0.20	0.3	7.5	18.0	20.4	1.74	5	0.03	0.05	5	0.31	475	0.3	0.021	13.9	0.140
06BWS307	0.2	1.27	3.5	8.0	2	93	0.1	0.21	0.1	7.3	17.0	17.6	1.73	5	0.02	0.05	5	0.29	343	0.3	0.019	12.5	0.113
06BWS308	0.1	1.51	3.1	7.6	<1	93	0.1	0.21	0.2	7.9	17.0	21.4	1.64	5	0.02	0.05	5	0.30	406	0.3	0.019	14.1	0.123
06BWS309	0.1	1.43	3.4	3.5	<1	86	0.1	0.20	0.1	7.5	17.0	20.4	1.80	5	0.01	0.06	5	0.31	220	0.3	0.019	14.4	0.127
06BWS310	0.2	1.56	3.2	3.0	<1	104	0.1	0.21	0.2	8.0	18.0	21.4	1.61	5	0.03	0.05	5	0.31	330	0.4	0.020	13.9	0.112
06BWS311	0.2	1.52	4.4	6.0	<1	89	0.1	0.23	0.2	8.7	21.0	24.3	2.08	5	0.03	0.05	5	0.35	399	0.4	0.020	14.1	0.135
06BWS312	0.2	1.39	3.6	4.5	1	158	0.1	0.49	0.7	10.0	24.0	26.8	1.85	5	0.03	0.15	6	0.46	512	0.5	0.018	17.2	0.089
Std DS7	0.9	1.08	50.3	56.5	40	390	4.8	1.00	6.4	10.1	263.0	115.7	2.53	5	0.20	0.49	14	1.08	676	21.5	0.106	58.7	0.083

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368  
 Date: December 11, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
 Project: 06SWS002  
 Sample: 158 Soil

MULTIELEMENT ICP-MS ANALYSIS  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS313	<.1	0.54	2.6	48.2	1	75	0.3	0.36	0.3	6.6	16.0	32.1	1.63	2	0.02	0.13	12	0.27	456	0.6	0.014	8.4	0.065
06BWS314	<.1	0.95	3.4	4.2	3	85	0.1	0.42	0.1	7.2	26.0	19.7	1.77	4	0.01	0.12	13	0.36	290	0.9	0.018	13.3	0.093
06BWS315	0.6	2.45	6.9	3.2	1	220	0.4	0.80	0.3	11.8	42.0	168.7	2.95	7	0.03	0.16	47	0.62	1265	0.8	0.026	26.8	0.038
06BWS316	0.2	0.95	1.6	<.5	<1	87	0.2	0.19	0.1	5.2	18.0	19.1	1.46	4	0.01	0.05	10	0.22	220	0.9	0.019	10.5	0.017
06BWS317	0.3	1.02	2.0	2.0	1	85	0.4	0.17	0.2	4.9	10.0	17.9	1.70	4	0.02	0.05	7	0.16	313	0.3	0.015	6.8	0.095
06BWS318	0.3	1.24	2.5	<.5	1	134	3.3	0.22	0.2	7.1	16.0	24.6	1.92	4	0.02	0.10	8	0.28	518	0.8	0.016	10.0	0.098
06BWS319	0.2	1.35	3.8	34.6	1	103	0.1	0.22	0.2	8.8	17.0	21.7	1.83	5	0.04	0.07	4	0.34	734	0.4	0.019	13.1	0.171
06BWS320	0.1	0.54	1.9	0.8	1	60	0.7	0.19	0.1	3.8	13.0	17.9	1.61	3	0.01	0.06	8	0.16	145	0.7	0.014	5.5	0.026
06BWS321	0.2	0.90	1.5	<.5	<1	102	0.4	0.16	0.1	4.0	11.0	9.2	1.51	4	0.01	0.07	7	0.16	111	0.3	0.014	4.8	0.069
06BWS322	0.2	1.36	1.4	0.5	<1	157	0.7	0.23	0.2	3.8	11.0	17.2	1.77	6	0.01	0.09	15	0.19	254	0.7	0.017	7.1	0.067
06BWS322 Re	0.2	1.36	1.3	0.9	<1	153	0.7	0.22	0.2	4.2	12.0	18.3	1.81	6	0.01	0.09	15	0.19	254	0.7	0.018	7.2	0.067
06BWS323	0.2	1.30	1.6	<.5	<1	112	0.4	0.18	0.2	5.3	12.0	16.0	1.62	5	0.02	0.08	8	0.20	317	0.6	0.014	6.7	0.074
06BWS324	0.4	1.50	1.8	1.1	1	93	0.5	0.12	0.5	4.1	10.0	10.0	1.36	5	0.04	0.05	8	0.10	201	1.1	0.019	6.7	0.068
06BWS325	0.3	1.30	2.5	2.2	<1	98	0.5	0.14	0.2	5.3	10.0	21.3	1.69	5	0.02	0.06	7	0.18	484	0.7	0.016	7.0	0.105
06BWS326	0.1	1.34	2.5	0.7	<1	81	0.4	0.15	0.2	5.8	12.0	19.5	1.64	5	0.01	0.05	6	0.20	660	0.6	0.015	8.0	0.102
06BWS327	0.2	1.39	2.7	<.5	<1	86	0.3	0.16	0.1	5.5	13.0	20.5	1.68	5	0.03	0.05	7	0.22	384	0.6	0.016	8.0	0.112
06BWS328	0.2	1.07	2.7	13.7	<1	78	0.3	0.19	0.2	6.2	15.0	21.5	1.92	4	0.01	0.05	8	0.23	476	0.8	0.013	8.8	0.082
06BWS329	0.2	0.96	2.8	11.0	<1	175	1.0	0.22	0.6	6.0	13.0	31.3	2.25	4	0.02	0.13	15	0.25	610	1.2	0.013	6.7	0.102
06BWS330	0.4	0.84	7.5	0.6	<1	213	1.9	0.21	0.4	7.8	18.0	63.4	3.41	4	0.02	0.17	31	0.21	772	3.1	0.009	11.8	0.053
06BWS331	0.1	1.17	1.5	0.5	1	135	1.4	0.17	0.1	3.9	7.0	16.8	1.74	5	0.01	0.11	8	0.18	218	0.6	0.018	4.6	0.056
06BWS332	3.2	2.34	3.4	8.5	1	419	2.4	1.29	0.6	8.9	41.0	139.7	3.71	6	0.06	0.22	22	0.46	910	1.8	0.020	14.5	0.038
06BWS333	0.3	0.68	4.3	<.5	<1	248	1.9	0.20	0.4	6.6	8.0	65.5	4.02	3	0.01	0.18	29	0.12	671	2.9	0.008	4.5	0.065
06BWS334	0.2	1.56	5.2	11.2	1	112	0.3	0.42	0.1	8.2	34.0	46.9	2.70	6	0.02	0.25	27	0.56	406	1.0	0.018	18.7	0.069
06BWS335	0.2	1.35	2.4	2.2	<1	117	0.3	0.39	0.3	9.1	26.0	77.7	1.87	4	0.02	0.13	30	0.44	881	0.5	0.016	12.4	0.046
06BWS336	0.1	1.01	3.3	3.5	<1	85	0.2	0.33	0.1	5.9	25.0	23.0	2.13	4	0.01	0.18	17	0.37	257	0.7	0.013	11.4	0.070
06BWS337	<.1	0.69	1.3	7.3	<1	66	0.1	0.23	0.1	4.0	15.0	9.1	1.58	3	<.01	0.10	10	0.22	134	0.2	0.013	7.0	0.038
06BWS338	0.2	1.00	2.1	0.5	1	52	0.7	0.13	0.1	4.6	12.0	20.8	1.56	4	0.02	0.03	5	0.17	183	0.6	0.013	7.2	0.067
06BWS339	0.3	1.21	1.8	0.9	1	68	0.9	0.14	0.1	5.4	12.0	24.6	1.71	4	0.02	0.03	6	0.17	359	0.5	0.014	8.0	0.065
06BWS340	0.2	0.99	2.2	3.2	1	64	1.2	0.15	0.1	4.9	15.0	29.1	1.73	4	0.02	0.04	7	0.20	331	0.8	0.014	10.2	0.066
06BWS341	0.2	1.00	1.6	<.5	2	63	1.0	0.18	0.1	4.7	12.0	20.2	1.54	4	0.03	0.05	5	0.17	506	0.6	0.013	7.7	0.069
06BWS342	0.3	1.08	1.6	<.5	1	67	0.9	0.16	0.1	5.0	13.0	22.0	1.56	4	0.02	0.05	6	0.19	393	0.7	0.013	8.4	0.070
06BWS343	0.2	1.09	1.4	0.9	<1	60	1.7	0.16	<.1	5.1	13.0	23.7	1.64	4	0.01	0.05	5	0.22	241	0.4	0.014	9.1	0.065
06BWS344	0.3	1.17	1.3	2.5	<1	63	0.7	0.15	<.1	5.7	16.0	16.8	1.63	4	0.02	0.04	4	0.22	411	0.5	0.014	10.8	0.073
06BWS345	0.4	1.43	1.4	25.7	1	82	1.9	0.12	0.1	5.1	14.0	38.0	1.50	5	0.02	0.04	5	0.22	288	0.7	0.016	12.6	0.072
Std DS7	0.9	1.00	47.7	61.0	39	381	4.7	0.93	6.4	9.5	243.0	106.3	2.42	5	0.20	0.45	14	1.04	639	20.3	0.094	56.8	0.079

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368

Date: December 11, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 06SWS002

Sample: 158 Soil

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS346	0.2	1.28	2.2	0.9	<1	65	1.1	0.13	0.1	5.5	14.0	30.4	1.50	4	0.01	0.04	6	0.19	424	0.6	0.014	10.5	0.080
06BWS347	0.5	1.13	2.2	1.5	<1	55	1.8	0.13	0.2	4.9	15.0	41.9	1.61	4	0.02	0.04	6	0.20	177	0.7	0.014	8.9	0.049
06BWS348	0.7	1.42	2.1	1.7	<1	105	2.1	0.20	0.4	4.7	14.0	154.6	1.73	5	0.02	0.05	9	0.20	379	1.1	0.017	9.0	0.036
06BWS349	0.6	1.27	2.8	6.3	<1	72	2.0	0.11	0.1	5.0	14.0	71.1	1.77	5	0.02	0.03	5	0.18	209	0.9	0.013	8.2	0.058
06BWS350	0.4	1.24	1.8	1.0	<1	74	1.4	0.12	0.2	4.8	15.0	85.1	1.69	4	0.01	0.04	7	0.19	170	1.2	0.013	8.7	0.056
06BWS351	0.3	1.16	1.9	0.7	<1	55	1.2	0.12	0.1	5.0	15.0	45.0	1.68	5	0.02	0.03	5	0.22	157	0.7	0.012	8.3	0.053
06BWS352	0.5	1.05	0.9	1.3	<1	91	0.9	0.24	0.1	4.2	15.0	38.6	1.42	4	0.01	0.04	10	0.20	157	0.8	0.017	7.5	0.015
06BWS353	0.4	1.20	1.0	1.6	<1	104	1.3	0.27	0.1	3.0	13.0	65.0	1.46	4	0.01	0.04	17	0.20	124	1.1	0.024	6.5	0.010
06BWS354	0.4	1.00	1.3	2.1	<1	77	1.0	0.10	0.1	3.4	11.0	24.0	1.41	5	0.02	0.03	7	0.12	81	1.5	0.015	6.4	0.020
06BWS355	0.2	1.02	1.6	<5	<1	53	0.4	0.10	0.1	3.7	8.0	10.5	1.57	5	0.02	0.03	9	0.13	174	1.4	0.012	4.6	0.054
06BWS356	0.3	1.19	1.5	0.7	<1	67	0.8	0.12	0.1	3.7	11.0	20.3	1.49	5	0.03	0.03	7	0.13	146	2.3	0.014	5.5	0.040
06BWS357	0.2	1.29	1.3	0.5	<1	65	0.5	0.08	0.1	3.7	6.0	18.3	1.60	5	0.03	0.03	10	0.15	250	1.6	0.013	4.8	0.056
06BWS358	0.3	1.65	1.4	7.9	<1	106	0.5	0.24	0.1	4.4	15.0	31.0	1.70	6	0.02	0.04	20	0.20	350	1.9	0.020	10.1	0.025
06BWS359	0.2	1.01	1.1	<5	<1	53	0.5	0.10	0.1	3.2	9.0	11.5	1.28	4	0.03	0.03	6	0.13	76	0.6	0.015	5.7	0.024
06BWS360	<1	1.56	1.5	1.4	<1	53	0.3	0.09	0.1	4.0	9.0	10.2	1.50	6	0.02	0.03	6	0.15	271	0.8	0.016	5.9	0.074
06BWS361	<1	1.49	1.3	<5	<1	64	0.3	0.13	0.1	4.7	18.0	15.7	1.68	5	0.02	0.03	7	0.25	227	0.5	0.017	12.2	0.077
06BWS362	0.2	1.44	1.7	<5	<1	59	0.8	0.11	0.2	5.3	11.0	39.2	1.71	5	0.02	0.04	8	0.28	145	1.3	0.016	7.8	0.085
06BWS363	0.3	1.68	1.8	25.5	1	92	2.0	0.19	0.2	9.1	20.0	55.1	2.01	5	0.02	0.04	5	0.59	291	0.6	0.016	18.8	0.078
06BWS364	<1	1.67	2.3	1.1	3	54	0.4	0.16	0.1	6.0	17.0	27.1	1.73	5	0.03	0.04	5	0.37	354	0.8	0.016	14.1	0.109
06BWS365	0.1	1.52	2.4	1.2	1	62	0.3	0.17	<1	5.4	16.0	22.4	1.74	5	0.01	0.03	6	0.26	251	0.6	0.017	8.9	0.086
06BWS366	0.4	1.28	2.6	5.7	2	102	0.2	0.25	0.1	5.8	18.0	20.8	1.65	4	0.02	0.03	6	0.25	164	0.8	0.020	10.2	0.038
06BWS367	0.2	1.26	1.9	23.1	2	73	0.2	0.22	0.2	5.6	15.0	19.8	1.61	4	0.02	0.04	4	0.23	157	0.6	0.016	10.0	0.078
06BWS368	<1	1.74	2.1	1.6	2	56	0.1	0.14	<1	5.0	15.0	16.2	1.65	5	0.02	0.03	5	0.23	330	0.9	0.015	8.8	0.087
06BWS369	<1	1.44	1.7	<5	1	40	0.1	0.12	<1	4.6	10.0	12.5	1.68	5	0.03	0.02	4	0.17	328	0.8	0.015	6.2	0.091
06BWS370	<1	1.12	2.4	<5	1	50	0.1	0.15	0.2	4.7	12.0	14.9	1.88	6	0.05	0.05	6	0.24	536	1.6	0.012	7.3	0.104
06BWS371	0.1	1.60	2.0	1.9	<1	80	0.1	0.19	0.1	6.3	15.0	16.1	1.83	5	0.03	0.04	6	0.27	348	0.9	0.015	9.4	0.086
06BWS372	0.9	1.46	3.9	1.7	<1	119	3.6	0.25	0.3	7.7	19.0	96.5	2.83	5	0.02	0.09	11	0.33	526	1.3	0.014	8.4	0.041
06BWS373	1.4	1.44	3.1	2.6	1	139	2.3	0.38	0.5	7.2	23.0	106.0	2.58	5	0.03	0.11	21	0.36	891	1.3	0.019	9.4	0.055
06BWS374	1.5	1.36	1.7	1.1	1	130	2.2	0.22	0.3	4.8	14.0	68.6	2.01	5	0.02	0.08	15	0.25	449	1.1	0.019	8.1	0.027
06BWS374 Re	1.5	1.34	1.8	6.3	<1	131	2.3	0.22	0.3	4.9	15.0	69.9	2.09	5	0.02	0.08	15	0.25	453	1.2	0.018	8.6	0.026
06BWS375	0.5	0.88	1.0	1.3	1	72	1.8	0.18	0.2	3.6	10.0	40.2	1.53	3	0.01	0.06	14	0.16	306	0.5	0.015	4.6	0.019
06BWS376	0.5	0.91	1.6	1.3	1	72	0.9	0.20	0.1	4.0	13.0	32.3	1.51	4	0.02	0.06	6	0.17	165	0.6	0.015	7.6	0.052
06BWS377	0.3	0.73	1.3	<5	<1	76	1.5	0.20	0.1	3.8	11.0	19.5	1.30	3	0.03	0.06	6	0.17	268	0.4	0.015	5.8	0.047
06BWS378	0.2	1.53	1.7	<5	1	132	0.5	0.21	0.2	5.1	15.0	25.3	1.53	5	0.02	0.06	9	0.22	236	0.7	0.018	9.5	0.127
Std DS7	0.9	1.01	48.4	111.3	40	379	4.7	0.95	6.3	9.7	247.0	108.3	2.45	5	0.20	0.46	14	1.06	647	21.2	0.098	56.5	0.079

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: 

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368  
 Date: December 11, 2006


APEX Geoscience Ltd.

Attention: M. Dufresne  
 Project: 06SWS002  
 Sample: 158 Soil

MULTIELEMENT ICP-MS ANALYSIS  
 Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06BWS379	0.2	1.04	2.5	<5	1	74	1.3	0.17	0.1	4.7	11.0	32.8	1.71	3	0.01	0.04	7	0.20	274	0.6	0.013	5.7	0.074
06BWS380	0.4	1.26	2.5	<5	<1	88	0.9	0.18	0.1	5.0	11.0	28.0	1.74	4	0.02	0.05	6	0.19	422	0.5	0.015	7.6	0.081
06JCS207	0.5	1.20	2.3	<5	<1	88	1.3	0.17	0.1	4.7	13.0	40.5	1.71	4	0.03	0.04	6	0.20	185	0.9	0.013	7.5	0.052
06JCS208	0.4	2.06	3.5	6.7	<1	94	0.9	0.17	0.2	6.0	15.0	34.3	1.74	5	0.04	0.04	7	0.24	444	1.3	0.018	10.0	0.143
06JCS209	0.4	1.16	1.4	<5	<1	83	0.9	0.22	0.1	4.6	12.0	27.7	1.57	5	0.02	0.07	6	0.16	189	0.4	0.016	7.7	0.025
06JCS210	0.9	1.84	2.8	1.6	<1	148	1.9	0.51	0.1	6.9	24.0	94.9	2.02	5	0.03	0.09	21	0.32	611	1.3	0.025	15.2	0.023
06JCS211	0.6	1.71	4.8	2.0	<1	159	2.1	0.35	0.2	7.7	26.0	79.5	2.42	5	0.05	0.09	25	0.32	734	1.9	0.020	12.4	0.048
06JCS212	0.4	1.06	2.6	4.0	1	90	1.4	0.23	0.1	5.4	17.0	46.6	2.01	4	0.02	0.06	11	0.27	274	0.6	0.016	9.3	0.051
06JCS213	0.3	1.19	2.0	10.1	3	77	0.9	0.16	0.1	5.5	13.0	27.3	1.76	4	0.02	0.04	6	0.19	299	0.5	0.015	9.4	0.071
06JCS214	0.2	1.28	1.8	<5	<1	84	0.9	0.23	0.1	4.9	13.0	25.4	1.50	4	0.02	0.05	5	0.20	248	0.7	0.015	8.9	0.059
06JCS215	0.4	1.66	1.8	1.1	<1	112	1.7	0.18	0.2	6.3	13.0	43.3	1.91	5	0.02	0.06	7	0.24	434	0.5	0.016	10.6	0.082
06JCS216	0.5	1.45	1.7	<5	1	108	1.7	0.17	0.2	6.1	15.0	33.4	1.89	5	0.01	0.05	7	0.29	389	0.7	0.015	11.4	0.085
06JCS217	0.4	1.55	2.2	<5	1	65	3.6	0.15	0.2	5.7	15.0	39.5	1.81	5	0.03	0.06	6	0.26	258	0.6	0.015	12.0	0.106
06JCS218	0.3	1.42	1.9	<5	<1	91	0.7	0.18	0.3	6.0	14.0	23.6	1.59	5	0.02	0.05	6	0.23	496	0.7	0.015	10.6	0.077
06JCS219	0.3	1.20	1.9	44.4	<1	79	0.6	0.20	0.2	5.8	16.0	22.4	1.67	4	0.01	0.04	6	0.23	431	0.5	0.014	10.8	0.092
06JCS220	0.3	1.21	1.6	<5	<1	87	1.2	0.22	0.2	5.4	20.0	34.8	1.59	5	0.02	0.04	5	0.26	604	0.8	0.015	10.6	0.044
06JCS221	0.3	1.27	2.2	0.9	2	67	1.7	0.15	0.1	5.4	15.0	63.3	1.68	5	0.03	0.04	6	0.22	294	0.7	0.014	10.0	0.106
06JCS222	0.3	1.33	1.9	5.7	2	68	1.2	0.17	0.1	6.7	25.0	31.3	1.76	5	0.02	0.04	5	0.33	182	0.8	0.014	14.6	0.070
06JCS223	0.2	1.09	1.7	0.9	1	71	0.5	0.13	<.1	5.7	22.0	25.1	1.69	4	0.01	0.04	6	0.30	188	0.6	0.014	12.0	0.068
06JCS224	0.3	1.55	2.2	4.6	1	80	0.5	0.10	0.1	6.0	20.0	27.2	1.74	6	0.03	0.05	5	0.27	126	1.7	0.014	12.4	0.071
06JCS225	0.3	1.17	1.8	<5	<1	83	0.8	0.14	0.1	4.1	12.0	25.0	1.60	4	0.01	0.04	10	0.19	144	1.3	0.014	6.4	0.052
06JCS226	0.2	0.98	1.0	1.1	3	80	0.3	0.19	0.2	3.8	10.0	11.2	1.23	4	0.02	0.05	8	0.13	293	0.7	0.013	6.0	0.053
06JCS227	0.4	1.40	0.9	<5	<1	106	0.7	0.20	0.1	3.5	9.0	26.9	1.36	5	0.02	0.05	15	0.11	126	0.5	0.015	5.3	0.062
06JCS228	0.3	1.49	2.0	1.1	<1	72	1.0	0.10	0.1	4.2	11.0	23.8	1.51	5	0.03	0.03	7	0.15	216	0.9	0.016	6.9	0.081
06JCS229	0.2	1.12	2.0	1.0	<1	74	1.1	0.11	0.2	4.0	6.0	27.7	1.69	5	0.02	0.03	8	0.13	367	0.8	0.015	5.6	0.073
06JCS230	0.3	1.47	1.9	0.9	<1	91	0.8	0.15	0.3	4.8	9.0	31.3	1.74	5	0.01	0.04	10	0.19	292	0.9	0.016	6.1	0.058
06JCS231	<.1	1.42	2.2	1.6	<1	67	0.4	0.14	0.1	4.7	10.0	18.0	1.82	5	0.03	0.03	8	0.16	526	0.9	0.015	6.6	0.091
06JCS231 Re	<.1	1.47	2.1	6.1	<1	69	0.4	0.15	0.1	4.5	8.0	17.6	1.71	5	0.03	0.03	8	0.18	524	1.0	0.017	5.9	0.094
06JCS232	0.1	1.69	2.3	2.0	4	78	0.3	0.14	0.1	4.7	10.0	17.8	1.59	6	0.03	0.04	9	0.17	574	1.2	0.019	7.8	0.093
06JCS233	<.1	1.54	1.9	1.5	1	102	0.2	0.16	0.2	4.9	10.0	15.9	1.61	5	0.02	0.04	8	0.16	1165	0.9	0.017	7.3	0.113
06JCS234	0.1	1.42	4.0	11.0	1	74	0.2	0.18	0.1	5.7	13.0	19.3	1.52	5	0.02	0.04	5	0.21	383	0.8	0.017	10.6	0.105
06JCS235	0.1	1.17	1.8	0.7	<1	57	0.1	0.17	0.1	5.4	11.0	10.8	1.42	4	0.02	0.03	5	0.17	246	0.7	0.015	8.3	0.122
06JCS236	0.4	1.50	3.1	2.3	2	55	1.0	0.17	0.3	5.0	14.0	14.2	1.71	6	0.02	0.04	3	0.23	192	1.4	0.018	11.2	0.053
06JCS237	0.1	1.54	2.3	<5	1	103	0.6	0.22	0.1	9.7	23.0	41.7	2.30	6	0.01	0.09	4	0.56	219	1.5	0.016	24.7	0.049
Std DS7	0.9	0.99	48.7	56.1	38	375	4.7	0.90	6.4	9.6	246.0	106.6	2.40	4	0.20	0.46	15	1.01	616	20.6	0.090	56.9	0.081

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed:  \_\_\_\_\_  
 Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368

Date: December 11, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 06SWS002

Sample: 158 Soil

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
06JCS238	0.8	1.76	2.6	3.9	2	96	3.8	0.17	0.2	5.7	11.0	58.0	1.81	6	0.01	0.04	6	0.22	445	1.0	0.018	8.6	0.106
06JCS239	0.2	1.67	1.9	1.8	1	98	0.3	0.14	0.3	4.7	10.0	14.0	1.70	6	0.01	0.03	4	0.18	1097	1.6	0.018	6.3	0.142
06JCS240	0.3	1.56	1.7	0.8	3	96	0.2	0.20	0.2	5.3	12.0	14.1	1.85	6	0.01	0.04	7	0.22	286	1.9	0.021	7.8	0.047
06JCS241	<.1	1.60	2.4	1.1	<1	127	0.2	0.19	0.2	6.0	12.0	16.4	1.88	6	0.01	0.05	6	0.25	359	1.4	0.018	8.4	0.067
06RMS196	0.1	1.41	1.5	0.8	1	117	0.1	0.22	0.1	5.9	14.0	12.8	1.75	5	0.01	0.05	6	0.22	147	2.1	0.018	7.7	0.086
06RMS197	0.3	1.41	1.6	43.5	2	106	0.1	0.20	0.1	5.3	11.0	10.4	1.72	6	0.01	0.05	4	0.17	325	1.3	0.017	7.2	0.080
06RMS198	<.1	1.34	0.9	8.5	1	118	0.2	0.21	0.1	4.6	11.0	8.4	1.57	5	0.01	0.04	5	0.16	135	0.8	0.018	6.3	0.057
06RMS199	0.2	1.94	1.1	1.1	1	187	0.2	0.52	0.1	5.2	20.0	25.4	1.72	5	0.01	0.05	11	0.23	389	1.1	0.030	7.3	0.025
06RMS200	0.2	1.36	0.9	0.8	<1	99	0.3	0.36	0.1	4.5	11.0	13.4	1.62	5	0.01	0.05	7	0.16	218	1.2	0.022	6.6	0.020
06RMS201	0.1	1.54	1.7	0.8	1	104	0.5	0.38	0.2	4.8	16.0	21.2	1.74	5	0.01	0.05	7	0.22	247	1.0	0.027	7.5	0.025
06RMS202	0.2	1.62	1.3	2.7	<1	109	0.8	0.45	0.1	4.2	14.0	16.9	1.56	5	0.01	0.05	7	0.21	349	1.1	0.029	9.2	0.018
06RMS203	0.7	2.27	1.9	1.5	1	269	0.7	0.94	0.7	5.2	19.0	144.6	2.01	6	0.03	0.07	18	0.31	639	1.2	0.023	10.9	0.036
06RMS204	0.4	1.53	2.3	2.0	1	97	3.5	0.22	0.1	7.0	17.0	331.5	1.84	5	0.01	0.04	6	0.27	411	0.7	0.018	10.4	0.101
06RMS204 Re	0.4	1.55	2.3	2.2	1	100	3.7	0.20	0.2	7.3	18.0	340.8	1.93	5	0.02	0.04	6	0.28	417	0.7	0.017	10.6	0.099
06RMS205	0.3	1.24	2.5	0.7	<1	75	2.1	0.18	0.2	6.0	14.0	53.6	1.93	5	0.01	0.04	4	0.20	212	1.3	0.015	7.9	0.053
06RMS206	0.5	1.81	2.0	1.3	3	127	1.6	0.35	0.2	6.1	23.0	126.9	2.01	6	0.02	0.05	6	0.33	522	1.9	0.028	17.8	0.023
06RMS207	0.7	2.58	2.7	<.5	<1	208	1.6	0.25	0.1	6.6	16.0	102.1	2.05	7	0.03	0.06	7	0.28	281	1.7	0.020	13.3	0.054
06RMS208	<.1	1.85	2.3	1.2	1	81	0.8	0.17	0.1	6.3	15.0	32.5	2.07	6	0.01	0.04	5	0.26	882	1.4	0.016	10.1	0.109
06RMS209	0.3	1.74	2.3	2.2	1	94	0.8	0.22	0.2	6.8	21.0	34.1	1.84	6	0.02	0.05	6	0.36	671	3.3	0.019	14.8	0.109
06RMS210	0.3	1.41	1.5	<.5	1	103	1.5	0.17	0.1	7.3	28.0	68.5	2.13	5	0.01	0.04	5	0.39	252	1.7	0.018	17.4	0.035
06RMS211	0.4	1.62	2.5	<.5	<1	101	3.2	0.20	0.1	7.0	26.0	109.7	2.10	6	0.01	0.06	6	0.37	422	1.0	0.022	14.1	0.086
06RTS001	0.2	1.12	1.7	0.8	<1	59	0.6	0.15	0.1	5.0	11.0	17.5	1.72	5	0.02	0.04	5	0.15	365	0.5	0.017	7.5	0.084
06RTS002	0.2	1.10	3.4	19.4	<1	84	2.0	0.19	0.1	5.1	12.0	54.0	2.38	4	<.01	0.07	11	0.28	323	0.8	0.013	6.7	0.062
06RTS003	0.2	1.04	1.0	<.5	1	87	0.2	0.20	0.2	4.5	10.0	9.5	1.57	4	0.01	0.06	7	0.16	260	0.4	0.016	5.7	0.088
06RTS004	0.7	0.87	3.3	<.5	1	91	2.1	0.16	0.2	4.7	5.0	61.1	2.16	4	0.01	0.08	10	0.13	261	1.3	0.015	3.2	0.022
06RTS005	0.5	0.77	1.3	1.0	<1	75	0.6	0.15	0.1	3.0	6.0	23.2	1.24	3	0.01	0.05	15	0.08	160	0.3	0.019	2.4	0.009
06RTS006	0.8	2.03	2.3	1.0	<1	142	1.3	0.18	0.2	5.6	10.0	155.1	2.42	7	0.03	0.06	7	0.20	325	1.6	0.023	6.4	0.102
Std DS7	0.9	0.97	49.3	61.7	40	377	4.7	0.94	6.2	9.8	240.0	108.3	2.52	6	0.19	0.46	14	1.03	652	20.6	0.103	57.5	0.078

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: 

**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368  
 Date: December 11, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS002  
 Sample: 158 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS280	8.5	<.05	0.1	1.6	<.5	17	<.1	1.5	0.082	0.1	0.5	50	0.1	109
06BWS281	17.3	<.05	0.2	1.8	<.5	32	<.1	1.9	0.086	0.1	1.8	46	0.1	99
06BWS282	30.2	<.05	0.3	1.6	<.5	29	<.1	2.3	0.096	<.1	1.4	42	0.1	109
06BWS283	6.7	<.05	0.1	1.3	<.5	17	<.1	1.4	0.076	<.1	0.4	35	0.1	62
06BWS284	7.9	<.05	0.1	1.8	<.5	14	<.1	1.7	0.097	0.1	0.4	49	0.1	106
06BWS285	6.9	<.05	0.1	1.6	<.5	15	<.1	1.5	0.086	0.1	0.4	48	0.1	82
06BWS286	7.3	<.05	0.2	1.7	<.5	24	<.1	1.5	0.100	0.1	0.4	90	0.1	52
06BWS287	5.2	<.05	0.2	2.1	<.5	24	<.1	1.7	0.101	0.1	0.4	67	0.1	52
06BWS288	8.3	<.05	0.1	1.6	<.5	22	<.1	1.6	0.077	0.1	0.4	47	0.1	89
06BWS289	19.7	<.05	0.1	2.0	<.5	23	<.1	2.6	0.062	0.1	0.6	55	0.1	136
06BWS290	7.4	<.05	0.1	2.2	<.5	22	<.1	2.1	0.100	0.1	0.5	50	0.1	72
06BWS291	10.5	<.05	0.1	1.2	<.5	20	<.1	3.8	0.064	<.1	0.3	47	0.1	82
06BWS292	7.0	<.05	0.1	1.4	<.5	28	<.1	1.4	0.074	<.1	0.8	41	0.1	200
06BWS293	14.5	<.05	0.1	1.3	<.5	19	<.1	1.9	0.063	0.1	0.5	45	0.1	166
06BWS294	20.4	<.05	0.1	1.3	<.5	17	<.1	2.0	0.054	0.1	0.4	50	0.2	163
06BWS295	14.0	<.05	0.1	1.2	<.5	21	<.1	1.4	0.073	0.1	0.4	53	0.2	143
06BWS296	19.2	<.05	0.1	1.4	<.5	17	<.1	1.9	0.065	0.1	0.4	47	0.2	230
06BWS297	15.1	<.05	0.1	1.6	<.5	21	<.1	2.0	0.079	0.1	0.6	43	0.1	282
06BWS298	11.2	<.05	0.1	1.6	<.5	21	<.1	1.5	0.080	0.1	0.5	42	0.1	205
06BWS299	15.4	<.05	0.1	1.2	<.5	18	<.1	1.4	0.073	0.1	0.5	49	0.1	332
06BWS300	14.2	<.05	0.1	1.7	<.5	30	<.1	2.2	0.084	0.1	1.7	48	0.1	362
06BWS300 Re	14.8	<.05	0.1	1.7	<.5	31	<.1	2.0	0.088	0.1	1.8	49	0.1	378
06BWS301	17.8	<.05	0.1	1.6	<.5	26	<.1	1.5	0.095	0.1	0.5	61	0.1	1001
06BWS302	111.8	0.06	0.1	1.5	<.5	46	<.1	3.1	0.053	0.2	1.8	41	0.2	1087
06BWS303	42.2	<.05	0.1	1.3	<.5	24	<.1	1.9	0.058	0.1	0.4	47	0.1	371
06BWS304	29.5	<.05	0.1	1.4	<.5	19	<.1	2.5	0.075	0.1	0.5	53	0.1	299
06BWS305	6.6	<.05	0.1	1.6	<.5	21	<.1	3.5	0.087	0.1	0.5	65	0.1	129
06BWS306	6.9	<.05	0.1	1.3	<.5	20	<.1	1.4	0.081	0.1	0.3	48	0.1	134
06BWS307	7.5	<.05	0.1	1.3	<.5	18	<.1	1.4	0.074	0.1	0.4	48	0.1	134
06BWS308	10.1	<.05	0.1	1.6	<.5	19	<.1	1.8	0.079	0.1	0.4	43	0.1	110
06BWS309	7.0	<.05	0.1	1.6	<.5	19	<.1	7.7	0.081	0.1	0.9	50	0.1	85
06BWS310	9.2	<.05	0.1	1.6	<.5	22	<.1	1.7	0.074	0.1	0.4	41	0.1	87
06BWS311	7.2	<.05	0.1	1.9	<.5	20	<.1	1.7	0.083	0.1	0.4	61	0.1	125
06BWS312	9.6	<.05	0.1	1.7	<.5	51	<.1	1.4	0.078	0.1	0.4	50	0.1	230
Std DS7	74.2	0.22	6.5	2.8	3.8	81	1	4.8	0.134	4.2	4.9	89	3.8	406

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: 

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368  
 Date: December 11, 2006

**APEX Geoscience Ltd.**

Attention: M. Dufresne  
 Project: 06SWS002  
 Sample: 158 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS313	21.8	0.06	0.2	1.6	<.5	28	<.1	3.1	0.056	0.1	0.8	47	0.2	95
06BWS314	22.7	<.05	0.2	2.4	<.5	34	<.1	3.0	0.083	0.2	1.3	51	0.1	58
06BWS315	38.4	0.06	0.3	6.7	<.5	79	<.1	4.8	0.091	0.2	3.9	73	0.1	129
06BWS316	14.5	<.05	0.1	1.7	<.5	20	<.1	1.9	0.068	0.1	0.8	40	0.1	76
06BWS317	25.6	<.05	0.1	1.2	<.5	16	<.1	2.1	0.050	0.1	0.6	40	0.2	171
06BWS318	23.7	<.05	0.2	1.6	<.5	21	<.1	1.9	0.059	0.1	0.6	46	0.2	218
06BWS319	7.5	<.05	0.1	1.7	<.5	18	<.1	1.4	0.079	0.1	0.4	51	0.1	136
06BWS320	24.7	<.05	0.1	1.1	<.5	22	<.1	4.6	0.055	0.1	0.7	42	0.2	183
06BWS321	23.8	<.05	0.1	1.1	<.5	16	<.1	2.4	0.055	0.1	0.5	36	0.1	179
06BWS322	32.5	<.05	0.1	1.1	<.5	22	<.1	4.2	0.053	0.1	0.8	38	0.2	394
06BWS322 Re	30.8	<.05	0.1	1.1	<.5	22	<.1	4.1	0.053	0.1	0.8	38	0.3	398
06BWS323	30.5	<.05	0.1	1.2	<.5	16	<.1	1.5	0.054	0.1	0.7	38	0.1	242
06BWS324	43.4	<.05	0.1	0.9	<.5	13	<.1	2.5	0.057	0.1	0.7	26	0.2	339
06BWS325	25.6	<.05	0.1	1.5	<.5	13	<.1	2.2	0.058	0.1	0.7	41	0.2	241
06BWS326	20.9	<.05	0.1	1.4	<.5	13	<.1	2.0	0.062	0.1	0.6	42	0.2	212
06BWS327	19.4	<.05	0.1	1.6	<.5	14	<.1	2.1	0.064	0.1	0.6	43	0.1	181
06BWS328	20.6	<.05	0.1	1.4	<.5	15	<.1	2.5	0.055	0.1	0.5	52	0.2	146
06BWS329	85.8	<.05	0.1	1.6	<.5	25	<.1	2.9	0.042	0.2	1.0	45	0.3	455
06BWS330	105.8	<.05	0.2	2.5	<.5	25	<.1	6.3	0.027	0.2	2.3	40	0.8	666
06BWS331	29.0	<.05	0.1	1.1	<.5	17	<.1	2.0	0.043	0.1	0.5	35	0.3	452
06BWS332	96.5	0.06	0.2	6.3	1.0	106	<.1	7.3	0.037	0.2	2.3	42	0.2	1140
06BWS333	153.4	0.09	0.1	1.8	<.5	27	<.1	6.3	0.019	0.2	2.9	35	0.2	682
06BWS334	36.8	<.05	0.3	5.4	<.5	37	<.1	7.8	0.101	0.3	1.9	69	0.2	86
06BWS335	20.3	<.05	0.2	3.4	<.5	37	<.1	3.3	0.074	0.2	4.7	43	0.1	523
06BWS336	25.4	<.05	0.2	3.2	<.5	27	<.1	5.1	0.087	0.2	1.3	56	0.1	58
06BWS337	16.1	<.05	0.1	1.5	<.5	20	<.1	2.9	0.082	0.1	0.7	47	0.1	53
06BWS338	21.7	<.05	0.1	1.0	<.5	11	<.1	1.4	0.057	<.1	0.4	38	0.4	132
06BWS339	23.9	<.05	0.1	1.4	<.5	12	<.1	1.7	0.064	0.1	0.5	41	0.3	205
06BWS340	28.1	<.05	0.1	1.2	<.5	14	<.1	1.5	0.049	0.1	0.5	40	0.4	184
06BWS341	18.3	<.05	0.1	1.0	<.5	14	<.1	1.1	0.053	0.1	0.4	39	0.5	149
06BWS342	22.8	<.05	0.1	1.1	<.5	14	<.1	1.2	0.049	0.1	0.4	37	0.3	172
06BWS343	20.2	<.05	0.1	1.2	<.5	13	<.1	1.5	0.052	0.1	0.4	39	0.4	147
06BWS344	14.5	<.05	0.1	1.2	<.5	13	<.1	1.4	0.069	0.1	0.3	42	0.2	155
06BWS345	20.3	<.05	0.1	1.5	<.5	13	<.1	1.4	0.064	0.1	0.5	33	0.3	218
Std DS7	72.0	0.21	6.2	2.5	3.3	76	1	4.8	0.127	4.1	5.1	85	3.8	387

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368  
 Date: December 11, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
 Project: 06SWS002  
 Sample: 158 Soil

MULTIELEMENT ICP-MS ANALYSIS  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS346	16.7	<.05	0.1	1.4	<.5	10	<.1	1.8	0.058	0.1	0.5	37	0.2	177
06BWS347	20.9	<.05	0.1	1.3	<.5	11	<.1	2.1	0.059	<.1	0.5	41	0.3	239
06BWS348	31.7	<.05	0.1	1.3	<.5	20	<.1	1.6	0.052	0.1	1.8	37	0.3	525
06BWS349	33.3	<.05	0.1	1.0	<.5	10	<.1	1.6	0.057	0.1	0.5	42	0.4	320
06BWS350	29.1	<.05	0.1	1.0	<.5	11	<.1	1.4	0.049	0.1	0.7	37	0.7	398
06BWS351	16.9	<.05	0.1	1.1	<.5	10	<.1	1.5	0.062	0.1	0.4	42	0.4	304
06BWS352	13.5	<.05	0.1	1.4	<.5	26	<.1	1.6	0.051	0.1	1.6	34	0.2	160
06BWS353	17.8	<.05	0.1	2.2	<.5	28	<.1	3.3	0.069	0.1	7.1	32	0.1	251
06BWS354	15.0	<.05	0.1	0.8	<.5	11	<.1	1.3	0.041	<.1	0.6	33	0.2	171
06BWS355	12.0	<.05	0.1	0.8	<.5	9	<.1	2.2	0.036	<.1	0.3	32	0.3	152
06BWS356	17.7	<.05	0.1	0.9	<.5	12	<.1	1.7	0.048	<.1	0.5	37	0.4	157
06BWS357	17.4	<.05	0.1	1.1	<.5	8	<.1	2.6	0.052	0.1	0.4	32	0.3	148
06BWS358	17.0	<.05	0.1	1.8	<.5	26	<.1	3.2	0.057	0.1	2.9	39	0.1	156
06BWS359	12.5	<.05	0.1	0.8	<.5	11	<.1	1.2	0.047	0.1	0.3	33	0.1	100
06BWS360	15.2	<.05	0.1	1.1	<.5	9	<.1	1.9	0.065	0.1	0.4	36	0.1	116
06BWS361	12.6	<.05	0.1	1.2	<.5	13	<.1	2.0	0.066	0.1	0.4	44	0.1	124
06BWS362	17.1	<.05	0.1	1.3	<.5	10	<.1	2.6	0.075	0.1	0.5	44	0.1	226
06BWS363	10.3	<.05	0.1	1.8	<.5	13	<.1	1.6	0.111	0.1	0.5	57	0.1	218
06BWS364	11.3	<.05	0.1	1.7	<.5	11	<.1	2.0	0.092	0.1	0.5	48	0.2	83
06BWS365	7.9	<.05	0.1	1.8	<.5	13	<.1	2.1	0.082	0.1	0.5	50	0.1	46
06BWS366	8.0	<.05	0.1	1.4	<.5	20	<.1	1.6	0.080	<.1	0.8	47	0.1	63
06BWS367	14.0	<.05	0.1	1.2	<.5	16	<.1	1.8	0.060	<.1	0.5	41	0.1	158
06BWS368	8.9	<.05	0.1	1.6	<.5	12	<.1	2.4	0.081	0.1	0.7	43	0.2	60
06BWS369	6.8	<.05	0.1	1.4	<.5	10	<.1	1.8	0.080	0.1	0.6	46	0.1	54
06BWS370	12.6	<.05	0.2	1.5	<.5	10	<.1	6.7	0.079	0.1	2.0	46	0.4	68
06BWS371	9.1	<.05	0.1	1.8	<.5	14	<.1	2.2	0.070	0.1	0.6	48	0.1	59
06BWS372	99.7	<.05	0.1	1.9	<.5	18	<.1	2.5	0.046	0.1	1.7	49	0.7	486
06BWS373	77.4	0.06	0.1	2.4	<.5	24	<.1	2.4	0.048	0.1	3.0	44	0.6	425
06BWS374	48.2	<.05	0.1	1.7	<.5	18	<.1	1.8	0.047	0.1	1.6	38	0.5	364
06BWS374 Re	49.8	<.05	0.1	1.7	<.5	19	<.1	1.8	0.048	0.1	1.7	40	0.4	374
06BWS375	32.2	<.05	0.1	1.2	<.5	16	<.1	1.9	0.044	0.1	1.3	34	0.5	208
06BWS376	26.7	<.05	0.1	1.0	<.5	15	<.1	1.4	0.047	0.1	0.5	35	0.3	128
06BWS377	23.7	<.05	0.1	1.0	<.5	16	<.1	1.2	0.052	0.1	0.4	34	0.2	108
06BWS378	24.6	<.05	0.1	1.7	<.5	20	<.1	2.6	0.062	0.1	0.8	34	0.1	147
Std DS7	73.7	0.23	6.6	2.6	3.9	76	1	4.7	0.130	4.1	5.1	87	3.9	394

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368  
Date: December 11, 2006

APEX Geoscience Ltd.

Attention: M. Dufresne  
Project: 06SWS002  
Sample: 158 Soil

MULTIELEMENT ICP-MS ANALYSIS  
Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06BWS379	29.4	<.05	0.1	1.2	<.5	17	<1	1.9	0.050	0.1	0.5	43	0.4	140
06BWS380	22.9	0.06	0.1	1.3	<.5	16	<1	1.5	0.065	0.1	0.4	41	0.4	203
06JCS207	31.6	<.05	0.1	1.1	<.5	16	<1	1.5	0.058	0.1	0.7	38	0.3	173
06JCS208	40.0	<.05	0.1	1.8	<.5	16	<1	1.9	0.078	0.1	0.8	37	0.2	241
06JCS209	25.5	<.05	0.1	1.1	<.5	18	<1	0.8	0.064	<.1	0.7	37	0.1	186
06JCS210	48.8	<.05	0.2	3.5	<.5	38	<1	2.9	0.069	0.1	5.2	43	0.2	210
06JCS211	57.7	<.05	0.2	3.2	<.5	32	<1	3.0	0.048	0.1	4.2	48	0.4	209
06JCS212	39.4	<.05	0.1	1.7	<.5	22	<1	2.1	0.062	0.1	0.7	45	0.4	215
06JCS213	34.2	<.05	0.1	1.2	<.5	15	<1	1.6	0.065	0.1	0.4	43	0.3	219
06JCS214	23.9	<.05	0.1	1.2	<.5	21	<1	1.0	0.051	0.1	0.3	33	0.3	181
06JCS215	28.7	<.05	0.1	1.5	<.5	19	<1	1.6	0.063	0.1	0.6	41	0.3	285
06JCS216	38.7	<.05	0.1	1.5	<.5	19	<1	11.8	0.057	0.1	1.4	41	0.4	339
06JCS217	27.8	<.05	0.1	1.2	<.5	15	<1	2.0	0.067	0.1	0.4	41	0.3	270
06JCS218	18.7	<.05	0.1	1.5	<.5	20	<1	2.7	0.075	0.1	0.6	34	0.2	331
06JCS219	14.5	<.05	0.1	1.3	<.5	21	<1	1.4	0.069	0.1	0.4	42	0.4	232
06JCS220	18.3	<.05	0.1	1.3	<.5	25	<1	1.4	0.063	0.1	0.5	38	0.3	218
06JCS221	17.7	<.05	0.1	1.4	<.5	15	<1	1.5	0.074	0.1	0.4	41	0.3	175
06JCS222	13.6	<.05	0.1	1.3	<.5	17	<1	1.4	0.101	<.1	0.4	46	0.9	138
06JCS223	15.3	<.05	0.1	1.4	<.5	12	<1	1.6	0.093	<.1	0.4	47	0.6	159
06JCS224	12.7	<.05	0.1	1.4	<.5	12	<1	1.8	0.081	<.1	0.5	41	0.2	144
06JCS225	18.3	<.05	0.1	1.0	<.5	17	<1	1.8	0.045	<.1	0.4	39	0.2	161
06JCS226	8.8	<.05	0.1	0.8	<.5	21	<1	1.6	0.047	<.1	0.3	32	0.1	171
06JCS227	19.1	<.05	0.1	1.0	<.5	35	<1	2.1	0.039	<.1	0.5	32	0.1	199
06JCS228	28.0	<.05	0.1	1.1	<.5	12	<1	2.0	0.063	0.1	0.4	34	0.1	263
06JCS229	18.9	<.05	0.1	1.0	<.5	12	<1	2.2	0.054	0.1	0.5	33	0.2	254
06JCS230	18.6	<.05	0.1	1.4	<.5	21	<1	3.0	0.062	0.1	0.6	35	0.2	346
06JCS231	13.0	<.05	0.1	1.5	<.5	14	<1	2.4	0.076	0.1	0.6	41	0.2	131
06JCS231 Re	13.4	<.05	0.1	1.5	<.5	14	<1	2.5	0.074	0.1	0.6	36	0.2	127
06JCS232	10.5	<.05	0.1	1.6	<.5	14	<1	2.5	0.084	0.1	0.8	35	0.2	104
06JCS233	9.0	<.05	0.1	1.5	<.5	16	<1	1.9	0.082	0.1	0.6	36	0.1	105
06JCS234	11.9	<.05	0.1	1.4	<.5	18	<1	1.9	0.074	0.1	0.5	38	0.1	86
06JCS235	6.1	<.05	0.1	1.3	<.5	17	<1	1.4	0.069	<.1	0.3	36	0.1	118
06JCS236	19.0	<.05	0.1	1.5	<.5	14	<1	1.4	0.081	<.1	0.5	44	0.1	457
06JCS237	16.1	<.05	0.1	1.8	<.5	15	<1	1.4	0.136	0.1	0.5	57	0.1	149
Std DS7	73.4	0.20	6.0	2.5	3.4	82	1	4.6	0.127	4.2	5.1	83	3.9	376

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: 



**TSL LABORATORIES INC.**

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4  
 Tel: (306) 931-1033 Fax: (306) 242-4717

Report No: S21368  
 Date: December 11, 2006

**APEX Geoscience Ltd.**

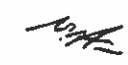
Attention: M. Dufresne  
 Project: 06SWS002  
 Sample: 158 Soil

**MULTIELEMENT ICP-MS ANALYSIS**  
 Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
06JCS238	31.7	<05	0.1	1.5	<5	15	<1	1.8	0.070	0.1	0.7	41	0.2	230
06JCS239	24.3	<05	0.1	1.5	<5	13	<1	2.2	0.080	0.1	0.5	43	0.2	200
06JCS240	20.5	<05	0.1	1.6	<5	17	<1	2.4	0.096	0.1	1.2	49	0.2	252
06JCS241	12.0	<05	0.1	1.8	<5	19	<1	2.8	0.047	0.1	0.9	48	0.1	116
06RMS196	9.6	<05	0.1	1.9	<5	21	<1	3.3	0.079	0.1	1.1	52	0.2	79
06RMS197	13.6	<05	0.1	1.3	<5	17	<1	1.8	0.089	0.1	0.6	44	0.1	176
06RMS198	7.4	<05	0.1	1.1	<5	19	<1	1.6	0.062	0.1	0.8	42	0.1	115
06RMS199	10.3	<05	0.1	1.9	<5	34	<1	3.1	0.080	0.1	4.7	39	0.1	88
06RMS200	23.8	<05	0.1	1.2	<5	28	<1	1.6	0.070	<1	1.8	40	0.1	225
06RMS201	26.2	<05	0.1	1.8	<5	29	<1	2.7	0.079	0.1	1.9	40	0.2	300
06RMS202	16.1	<05	0.1	2.0	<5	31	<1	2.4	0.078	0.1	1.9	36	0.1	154
06RMS203	17.1	0.07	0.1	2.9	0.6	52	<1	1.9	0.082	0.1	6.3	44	0.1	938
06RMS204	18.8	<05	0.1	1.8	<5	20	<1	1.5	0.079	0.1	0.6	49	0.2	280
06RMS204 Re	19.0	<05	0.1	1.7	<5	20	<1	1.5	0.078	0.1	0.7	47	0.2	294
06RMS205	36.3	<05	0.1	1.4	<5	18	<1	1.6	0.086	0.1	0.5	56	0.2	326
06RMS206	15.9	<05	0.1	2.4	<5	32	<1	1.7	0.097	0.1	2.2	53	0.1	318
06RMS207	19.9	<05	0.1	1.8	<5	30	<1	2.0	0.099	0.1	1.8	42	0.2	206
06RMS208	16.6	<05	0.1	1.6	<5	14	<1	1.9	0.091	0.1	0.5	58	0.2	181
06RMS209	17.0	<05	0.1	1.7	<5	18	<1	1.9	0.092	0.1	0.6	47	0.7	214
06RMS210	20.6	<05	0.1	1.5	<5	20	<1	1.1	0.081	0.1	0.5	55	0.8	314
06RMS211	44.6	<05	0.1	1.8	<5	20	<1	1.6	0.101	0.1	0.5	56	1.0	201
06RTS001	23.1	<05	0.1	1.1	<5	14	<1	1.4	0.071	0.1	0.3	44	0.4	240
06RTS002	50.2	0.06	0.1	1.2	<5	18	<1	2.0	0.042	0.1	0.8	43	1.2	264
06RTS003	18.2	<05	0.1	1.2	<5	20	<1	13.6	0.067	0.1	2.3	40	0.1	122
06RTS004	58.8	<05	0.1	0.9	<5	17	<1	1.7	0.017	0.1	0.9	37	0.6	494
06RTS005	17.8	<05	0.1	0.6	<5	16	<1	1.1	0.036	0.1	0.6	30	0.1	230
06RTS006	49.5	<05	0.1	2.0	<5	22	<1	2.9	0.068	0.2	2.4	42	0.5	354
Std DS7	73.0	0.19	6.3	2.6	3.5	86	1	4.7	0.130	4.2	5.0	82	3.7	407

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3  
 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Signed: \_\_\_\_\_



## SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

### Apex Geoscience Ltd

Attention: Kris Raffle

PO #/Project: 99123

Samples: 88

Report No: 06-1730

Date: March 02, 2007

### Multi-Element ICP Analysis

Aqua Regia Digestion

#### Column Header Details

Silver in ppm (Ag)  
Aluminum in wt % (Al<sub>2</sub>O<sub>3</sub>)  
Arsenic in ppm (As)  
Barium in ppm (Ba)  
Beryllium in ppm (Be)

Bismuth in ppm (Bi)  
Calcium in wt % (CaO)  
Cadmium in ppm (Cd)  
Cobalt in ppm (Co)  
Chromium in ppm (Cr)

Copper in ppm (Cu)  
Iron in wt % (Fe<sub>2</sub>O<sub>3</sub>)  
Potassium in wt % (K<sub>2</sub>O)  
Magnesium in wt % (MgO)  
Manganese in wt % (MnO)

Molybdenum in ppm (Mo)  
Sodium in wt % (Na<sub>2</sub>O)  
Nickel in ppm (Ni)  
Phosphorus in wt % (P<sub>2</sub>O<sub>5</sub>)  
Lead in ppm (Pb)

Antimony in ppm (Sb)  
Scandium in ppm (Sc)  
Tin in ppm (Sn)  
Strontium in ppm (Sr)  
Titanium in wt % (TiO<sub>2</sub>)

Vanadium in ppm (V)  
Tungsten in ppm (W)  
Yttrium in ppm (Y)  
Zinc in ppm (Zn)  
Zirconium in ppm (Zr)

Au Fire Assay by ICP in ppb (Au)

**SRC Geoanalytical Laboratories**

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-1730

Date: March 02, 2007

**Apex Geoscience Ltd**

Attention: Kris Raffle

PO #/Project: 99123

Samples: 88

**Multi-Element ICP Analysis**

Aqua Regia Digestion

Sample Number	Ag ppm	Al2O3 wt %	As ppm	Ba ppm	Be ppm	Bi ppm	CaO wt %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe2O3 wt %	K2O wt %	MgO wt %	MnO wt %	Mo ppm	Na2O wt %
LS4	<0.2	5.88	12	302	2.0	1	0.46	1	39	89	50	10.1	0.53	1.12	0.673	13	0.03
06-JCH-001	<0.2	1.57	1	123	<0.5	<1	0.36	<1	3	7	6	1.91	0.06	0.29	0.066	1	0.01
06-JCH-002	<0.2	3.26	1	184	<0.5	<1	0.48	<1	3	12	11	3.00	0.08	0.33	0.040	1	0.02
06-JCH-003	<0.2	0.64	1	55	<0.5	<1	0.21	<1	2	5	5	1.18	0.05	0.19	0.024	<1	0.01
06-JCH-004	<0.2	2.59	1	195	<0.5	<1	0.47	<1	4	13	12	2.44	0.09	0.35	0.060	<1	0.02
06-JCH-005	<0.2	0.88	<1	68	<0.5	<1	0.27	<1	2	5	4	1.41	0.04	0.23	0.035	<1	0.01
06-JCH-006	<0.2	1.90	2	171	<0.5	<1	0.51	<1	5	12	12	2.96	0.07	0.36	0.115	2	0.02
06-JCH-007	<0.2	1.39	1	108	<0.5	<1	0.37	<1	3	7	7	2.05	0.06	0.28	0.060	1	0.02
06-JCH-008	<0.2	1.45	1	121	<0.5	<1	0.43	<1	4	8	6	2.35	0.06	0.32	0.073	2	0.01
06-JCH-009	<0.2	1.37	1	99	<0.5	<1	0.38	<1	3	7	6	1.83	0.04	0.28	0.054	1	0.01
06-JCH-010	<0.2	1.10	1	73	<0.5	<1	0.37	<1	3	7	5	1.62	0.04	0.29	0.038	1	0.01
06-JCH-011	<0.2	1.14	1	77	<0.5	<1	0.44	<1	3	7	5	1.66	0.05	0.29	0.045	1	0.01
06-JCH-012	<0.2	1.09	1	75	<0.5	<1	0.35	<1	3	6	5	1.91	0.05	0.28	0.055	2	0.01
06-JCH-013	<0.2	1.22	1	85	<0.5	<1	0.36	<1	4	7	6	2.11	0.05	0.30	0.059	2	0.01
06-JCH-014	8.6	2.85	1	222	0.7	<1	0.53	<1	4	12	12	2.58	0.08	0.32	0.071	1	0.02
06-JCH-015	0.4	3.79	2	262	1.0	<1	0.56	<1	4	13	18	3.15	0.11	0.37	0.069	2	0.02
06-JCH-016	<0.2	1.22	2	98	<0.5	<1	0.40	<1	4	7	7	2.85	0.05	0.28	0.104	3	0.01
06-JCH-017	<0.2	1.46	2	122	<0.5	<1	0.43	<1	5	9	8	3.36	0.07	0.36	0.108	3	0.01
06-JCH-018	<0.2	0.99	1	79	<0.5	<1	0.41	<1	4	8	4	2.89	0.05	0.32	0.074	2	0.01
06-JCH-019	<0.2	1.95	4	218	0.5	<1	0.54	<1	7	9	11	5.53	0.05	0.25	0.242	8	0.02
LS4	<0.2	5.83	12	303	2.0	<1	0.46	1	39	85	50	10.2	0.53	1.12	0.677	13	0.03
06-JCH-020	<0.2	1.77	2	111	<0.5	<1	0.54	<1	5	12	10	3.51	0.10	0.55	0.063	2	0.01
06-JCH-021	<0.2	0.98	<1	59	<0.5	<1	0.39	<1	3	11	2	1.63	0.06	0.42	0.046	<1	0.01
06-JCH-022	<0.2	0.62	<1	34	<0.5	<1	0.25	<1	2	15	7	3.11	0.03	0.21	0.014	<1	<0.01
06-JCH-023	<0.2	1.02	1	95	<0.5	<1	0.39	<1	3	12	5	2.78	0.05	0.24	0.038	1	0.01
06-JCH-024	<0.2	0.86	1	84	<0.5	<1	0.36	<1	3	13	5	2.18	0.05	0.25	0.047	1	0.01
06-JCH-025	<0.2	0.78	1	72	<0.5	<1	0.43	<1	4	25	4	5.13	0.04	0.23	0.043	1	0.01
06-JCH-026	<0.2	1.66	2	152	<0.5	<1	0.48	<1	5	13	12	3.25	0.07	0.36	0.095	2	0.02
06-JCH-027	<0.2	0.76	2	137	<0.5	<1	0.49	<1	3	12	8	3.06	0.04	0.29	0.074	1	0.02
06-JCH-028	<0.2	0.67	2	114	<0.5	1	0.40	<1	3	14	6	3.67	0.04	0.26	0.071	1	0.01
06-JCH-029	<0.2	0.56	2	76	<0.5	1	0.32	<1	2	9	5	2.11	0.03	0.23	0.046	<1	0.01
06-JCH-030	<0.2	0.62	2	160	<0.5	<1	0.43	<1	3	10	6	3.26	0.03	0.24	0.158	1	0.02
06-JCH-031	<0.2	0.65	3	207	<0.5	<1	0.55	<1	5	19	9	6.66	0.04	0.26	0.195	2	0.02
06-JCH-032	<0.2	0.72	7	248	<0.5	<1	0.50	<1	5	10	7	5.75	0.03	0.29	0.206	4	0.02
06-JCH-033	<0.2	0.87	<1	91	<0.5	<1	0.43	<1	2	9	6	0.89	0.03	0.32	0.020	<1	0.02
06-JCH-034	<0.2	0.74	1	79	<0.5	<1	0.36	<1	2	5	6	0.68	0.02	0.26	0.020	<1	0.02
06-JCH-035	<0.2	0.86	1	109	<0.5	<1	0.49	<1	1	7	9	0.70	0.02	0.28	0.034	<1	0.02
06-JCH-036	<0.2	0.72	1	60	<0.5	<1	0.33	<1	2	6	6	0.54	0.02	0.24	0.009	<1	0.02
06-JCH-037	<0.2	0.68	<1	68	<0.5	<1	0.34	<1	1	5	4	0.53	0.02	0.21	0.009	<1	0.01
06-JCH-033 R	<0.2	0.89	1	94	<0.5	<1	0.45	<1	2	8	7	0.91	0.03	0.32	0.021	<1	0.02

**SRC Geoanalytical Laboratories**

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Report No: 06-1730

Date: March 02, 2007

**Apex Geoscience Ltd**

Attention: Kris Raffle

PO #/Project: 99123

Samples: 88

**Multi-Element ICP Analysis**

Aqua Regia Digestion

Sample Number	Ag ppm	Al2O3 wt %	As ppm	Ba ppm	Be ppm	Bi ppm	CaO wt %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe2O3 wt %	K2O wt %	MgO wt %	MnO wt %	Mo ppm	Na2O wt %
LS4	<0.2	5.86	13	298	2.0	1	0.47	1	39	87	49	10.1	0.52	1.15	0.682	13	0.03
06-JCH-038	<0.2	1.00	1	107	<0.5	<1	0.52	<1	2	7	5	0.85	0.03	0.41	0.035	<1	0.02
06-JCH-039	<0.2	0.86	2	65	<0.5	<1	0.32	<1	2	7	6	1.86	0.04	0.28	0.050	<1	0.01
06-JCH-040	<0.2	0.85	2	94	<0.5	<1	0.33	<1	3	10	5	2.00	0.04	0.29	0.094	1	0.01
06-JCH-041	<0.2	1.21	3	114	<0.5	1	0.40	<1	3	10	8	2.16	0.04	0.32	0.086	1	0.02
06-JCH-042	<0.2	1.05	3	110	<0.5	1	0.40	<1	4	10	8	2.82	0.06	0.34	0.111	1	0.01
06-JCH-043	<0.2	1.19	3	115	<0.5	1	0.44	<1	4	11	9	2.75	0.05	0.34	0.110	1	0.01
06-JCH-044	<0.2	1.31	3	157	<0.5	<1	0.57	<1	4	10	11	2.70	0.06	0.33	0.112	1	0.01
06-JCH-045	<0.2	3.46	2	256	<0.5	2	0.77	<1	4	16	23	2.56	0.06	0.49	0.051	<1	0.03
06-JCH-046	<0.2	2.62	2	269	<0.5	<1	0.78	<1	5	15	20	2.88	0.06	0.49	0.162	1	0.02
06-JCH-047	0.3	3.00	3	281	<0.5	1	0.78	<1	6	14	21	2.87	0.06	0.46	0.093	1	0.02
06-JCH-048	0.5	3.82	3	413	0.5	1	0.99	<1	6	17	28	3.50	0.09	0.53	0.210	1	0.02
06-JCH-049	0.7	3.93	4	459	0.6	2	1.02	<1	6	23	41	3.80	0.10	0.58	0.165	1	0.02
06-JCH-050	0.3	2.61	3	284	<0.5	1	0.70	<1	5	15	26	3.22	0.08	0.48	0.110	1	0.02
06-JCH-051	0.4	2.65	2	262	<0.5	1	0.67	<1	4	14	25	2.36	0.07	0.49	0.061	<1	0.02
06-JCH-052	0.4	2.54	3	296	<0.5	2	0.63	<1	5	13	28	2.61	0.07	0.46	0.138	<1	0.02
06-JCH-053	1.3	3.17	4	305	0.6	1	0.80	<1	4	16	76	2.08	0.09	0.53	0.037	<1	0.03
06-JCH-054	0.4	2.64	4	289	0.5	1	0.71	<1	6	20	36	3.20	0.09	0.60	0.124	1	0.02
06-JCH-055	<0.2	1.17	3	120	<0.5	<1	0.46	<1	4	15	17	2.35	0.06	0.36	0.048	<1	0.02
06-JCH-056	0.4	1.98	3	262	<0.5	1	0.79	<1	5	16	32	2.70	0.09	0.46	0.107	<1	0.02
LS4	<0.2	6.04	13	300	2.0	1	0.47	1	38	89	49	10.3	0.52	1.16	0.696	13	0.03
06-JCH-059	0.6	1.87	3	294	<0.5	2	0.47	1	5	10	29	2.45	0.05	0.35	0.550	2	0.02
06-JCH-060	1.4	4.00	4	297	0.6	1	0.73	<1	4	18	52	3.12	0.08	0.47	0.084	1	0.03
06-JCH-061	0.7	2.33	3	249	<0.5	1	0.54	<1	4	11	45	2.33	0.06	0.37	0.220	1	0.02
06-JCH-062	1.1	4.16	4	420	0.6	3	0.95	1	6	17	53	3.05	0.08	0.48	0.285	1	0.02
06-JCH-063	0.8	2.92	4	349	<0.5	4	0.75	1	6	15	35	3.04	0.07	0.46	0.426	2	0.02
06-JCH-064	0.3	2.45	3	241	<0.5	2	0.51	<1	6	11	27	2.66	0.05	0.38	0.257	2	0.02
06-JCH-065	0.3	2.72	3	256	<0.5	<1	0.54	<1	7	17	24	2.69	0.06	0.44	0.185	2	0.02
06-JCH-066	0.4	3.91	3	319	0.6	2	0.74	<1	6	19	30	3.35	0.07	0.52	0.231	1	0.02
06-JCH-067	1.0	6.55	4	523	0.9	2	1.11	1	8	27	52	4.40	0.09	0.57	0.305	2	0.03
06-RTH-001	<0.2	0.96	2	92	<0.5	<1	0.39	<1	4	13	7	3.69	0.07	0.41	0.095	1	0.01
06-RTH-002	<0.2	0.99	3	106	<0.5	1	0.42	<1	4	13	8	3.91	0.06	0.36	0.101	1	0.01
06-RTH-003	<0.2	1.11	3	122	<0.5	1	0.41	<1	4	10	8	2.89	0.06	0.38	0.135	1	0.02
06-RTH-004	<0.2	0.79	2	84	<0.5	<1	0.39	<1	4	20	6	4.65	0.05	0.30	0.081	1	0.01
06-RTH-005	<0.2	1.07	3	111	<0.5	<1	0.46	<1	4	18	17	3.24	0.07	0.40	0.063	<1	0.02
06-RTH-006	<0.2	0.92	3	100	<0.5	<1	0.39	<1	4	17	16	2.97	0.06	0.37	0.078	<1	0.01
06-RTH-007	<0.2	0.88	3	95	<0.5	1	0.45	<1	5	25	16	4.07	0.06	0.37	0.084	<1	0.01
06-RTH-008	<0.2	1.05	3	138	<0.5	1	0.43	<1	7	32	20	5.04	0.06	0.42	0.155	1	0.02
06-RTH-009	<0.2	0.95	3	85	<0.5	1	0.45	<1	5	25	15	3.68	0.07	0.45	0.060	<1	0.02
06-RTH-006 R	<0.2	0.90	2	97	<0.5	1	0.37	<1	4	15	15	2.90	0.06	0.37	0.076	<1	0.01

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Report No: 06-1730

Date: March 02, 2007

**Apex Geoscience Ltd**

Attention: Kris Raffle

PO #/Project: 99123

Samples: 88

**Multi-Element ICP Analysis**

## Aqua Regia Digestion

Sample Number	Ag ppm	Al2O3 wt %	As ppm	Ba ppm	Be ppm	Bi ppm	CaO wt %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe2O3 wt %	K2O wt %	MgO wt %	MnO wt %	Mo ppm	Na2O wt %
LS4	<0.2	5.99	13	311	2.1	1	0.48	1	39	90	50	10.5	0.54	1.16	0.696	13	0.03
06-RTH-010	<0.2	0.87	3	81	<0.5	<1	0.43	<1	6	30	15	4.39	0.07	0.40	0.057	<1	0.01
06-RTH-011	<0.2	1.54	3	179	<0.5	<1	0.53	<1	5	22	25	3.10	0.09	0.50	0.099	<1	0.02
06-RTH-010 R	<0.2	0.91	2	83	<0.5	1	0.42	<1	5	27	15	4.30	0.07	0.43	0.058	<1	0.01
LS4	<0.2	5.83	13	306	2.0	<1	0.46	1	39	89	50	10.3	0.52	1.13	0.682	13	0.03
06-JCH-057	0.4	1.57	2	156	<0.5	<1	0.57	<1	3	13	29	2.52	0.06	0.36	0.088	1	0.02
06-JCH-058	0.3	1.29	2	132	<0.5	<1	0.46	<1	3	10	24	2.19	0.05	0.34	0.098	1	0.02
06-JCH-057 R	0.4	1.55	2	158	<0.5	<1	0.56	<1	3	13	29	2.43	0.06	0.35	0.090	<1	0.02

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Date: March 02, 2007

**Apex Geoscience Ltd**

Attention: Kris Raffle

PO #/Project: 99123

Samples: 88

**Multi-Element ICP Analysis**

Aqua Regia Digestion

Sample Number	Ni ppm	P2O5 wt %	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	TiO2 wt %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au ppb
LS4	49	0.514	23	<1	8	<1	28	0.18	103	<1	19	201	1	N/R
06-JCH-001	4	0.111	6	<1	1	<1	32	0.06	31	<1	5	70	<1	<2
06-JCH-002	6	0.134	9	<1	2	<1	52	0.09	54	<1	6	111	<1	<2
06-JCH-003	3	0.087	8	<1	<1	<1	14	0.05	23	<1	3	54	1	<2
06-JCH-004	8	0.128	11	<1	2	<1	48	0.07	41	<1	8	125	<1	6
06-JCH-005	3	0.117	5	<1	<1	<1	17	0.04	24	<1	3	58	<1	5
06-JCH-006	7	0.156	10	<1	1	<1	55	0.06	50	<1	9	121	<1	<2
06-JCH-007	4	0.137	7	<1	1	<1	27	0.05	37	<1	6	93	<1	<2
06-JCH-008	5	0.188	6	<1	1	<1	28	0.05	40	<1	7	106	<1	3
06-JCH-009	4	0.162	5	<1	1	<1	25	0.05	33	<1	6	87	<1	<2
06-JCH-010	4	0.166	7	<1	1	<1	20	0.06	29	<1	5	70	<1	8
06-JCH-011	4	0.222	5	<1	1	<1	23	0.06	31	<1	6	77	<1	2
06-JCH-012	3	0.169	4	<1	1	<1	21	0.05	34	<1	5	79	<1	3
06-JCH-013	5	0.166	5	<1	1	<1	22	0.05	37	<1	6	86	<1	3
06-JCH-014	6	0.125	13	<1	3	<1	59	0.08	44	<1	13	185	1	<2
06-JCH-015	7	0.140	22	<1	4	<1	64	0.07	53	<1	19	253	3	2
06-JCH-016	4	0.194	6	<1	1	<1	22	0.05	49	<1	7	87	<1	1315
06-JCH-017	5	0.192	7	<1	1	<1	28	0.05	55	<1	8	94	<1	589
06-JCH-018	3	0.225	5	<1	1	<1	19	0.05	49	3	6	75	<1	9
06-JCH-019	5	0.201	8	<1	2	<1	41	0.06	70	<1	11	201	<1	2
LS4	49	0.512	22	<1	8	<1	28	0.18	104	<1	19	199	2	N/R
06-JCH-020	6	0.249	6	<1	2	<1	35	0.06	53	<1	9	107	<1	2
06-JCH-021	7	0.204	5	<1	1	<1	18	0.03	26	<1	5	71	<1	<2
06-JCH-022	4	0.101	3	<1	1	<1	12	0.07	68	<1	4	49	1	<2
06-JCH-023	4	0.172	6	<1	1	<1	25	0.06	54	<1	6	71	<1	9
06-JCH-024	6	0.162	6	<1	1	<1	23	0.05	40	<1	5	69	<1	12
06-JCH-025	4	0.207	7	<1	1	<1	21	0.06	112	<1	7	68	<1	<2
06-JCH-026	6	0.169	11	<1	2	<1	36	0.06	60	<1	11	107	<1	9
06-JCH-027	4	0.128	4	<1	1	<1	51	0.07	51	<1	5	39	<1	57
06-JCH-028	4	0.112	4	<1	1	<1	38	0.06	69	<1	5	36	<1	4
06-JCH-029	4	0.088	3	<1	<1	<1	27	0.05	41	<1	3	28	<1	2
06-JCH-030	4	0.110	4	<1	1	<1	46	0.05	52	<1	5	39	<1	2
06-JCH-031	5	0.139	5	<1	1	<1	64	0.07	106	<1	7	46	<1	66
06-JCH-032	5	0.118	5	<1	1	<1	56	0.06	48	<1	6	44	<1	27
06-JCH-033	4	0.140	3	<1	1	<1	35	0.07	19	<1	4	28	<1	4
06-JCH-034	4	0.100	2	<1	<1	<1	31	0.05	15	<1	3	24	<1	3
06-JCH-035	4	0.128	3	<1	1	<1	49	0.06	16	<1	5	29	<1	2
06-JCH-036	4	0.101	2	<1	<1	<1	25	0.06	13	<1	3	19	<1	12
06-JCH-037	3	0.103	2	<1	<1	<1	29	0.05	12	<1	3	22	<1	<2
06-JCH-033 R	4	0.144	3	<1	1	<1	37	0.07	20	<1	4	29	<1	10

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Attention: Kris Raffle

PO #/Project: 99123

Samples: 88

**Multi-Element ICP Analysis**

Aqua Regia Digestion

Sample Number	Ni ppm	P2O5 wt %	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	TiO2 wt %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au ppb
LS4	48	0.513	23	<1	8	<1	27	0.17	101	<1	19	199	1	N/R
06-JCH-038	4	0.127	3	<1	1	<1	48	0.06	16	<1	4	36	1	2
06-JCH-039	3	0.108	5	<1	1	<1	20	0.05	30	<1	4	39	<1	5
06-JCH-040	4	0.110	5	<1	1	<1	21	0.05	33	<1	4	39	<1	<2
06-JCH-041	5	0.129	7	<1	1	<1	31	0.06	33	<1	6	51	<1	9
06-JCH-042	5	0.127	11	<1	1	<1	28	0.05	42	<1	6	59	<1	23
06-JCH-043	5	0.141	8	<1	1	<1	29	0.05	43	<1	7	56	<1	6
06-JCH-044	4	0.113	11	<1	1	<1	50	0.06	40	<1	8	88	<1	2
06-JCH-045	9	0.145	13	<1	3	<1	41	0.08	46	<1	12	110	1	<2
06-JCH-046	8	0.171	11	<1	2	<1	49	0.07	51	<1	10	119	<1	3
06-JCH-047	7	0.182	18	<1	2	<1	65	0.07	47	<1	11	150	1	4
06-JCH-048	10	0.166	30	<1	3	2	66	0.07	53	<1	14	245	1	4
06-JCH-049	12	0.176	55	<1	4	<1	68	0.06	61	<1	18	345	1	10
06-JCH-050	7	0.136	51	<1	3	<1	126	0.07	55	<1	11	264	<1	100
06-JCH-051	7	0.154	36	<1	3	<1	44	0.07	42	<1	11	236	1	295
06-JCH-052	8	0.115	38	<1	2	<1	44	0.06	41	<1	10	457	<1	4
06-JCH-053	9	0.143	81	<1	4	<1	52	0.07	39	<1	20	388	2	13
06-JCH-054	11	0.144	48	<1	3	<1	46	0.07	52	<1	12	440	<1	9
06-JCH-055	6	0.119	25	<1	1	<1	37	0.07	47	<1	6	126	<1	6
06-JCH-056	8	0.156	33	<1	2	<1	62	0.06	43	<1	11	351	<1	7
LS4	48	0.523	24	<1	8	<1	27	0.18	102	<1	19	204	1	N/R
06-JCH-059	8	0.098	44	<1	1	<1	30	0.08	38	<1	8	498	<1	2
06-JCH-060	9	0.127	55	<1	4	<1	45	0.08	49	<1	16	640	1	12
06-JCH-061	8	0.078	45	<1	2	<1	34	0.07	36	<1	10	534	<1	4
06-JCH-062	12	0.145	44	<1	3	<1	59	0.07	46	<1	19	795	1	3
06-JCH-063	11	0.121	38	<1	2	<1	45	0.07	49	<1	13	706	<1	446
06-JCH-064	7	0.101	21	<1	2	<1	30	0.07	42	<1	9	436	<1	4
06-JCH-065	10	0.138	19	<1	2	<1	31	0.08	47	<1	9	355	<1	2
06-JCH-066	11	0.158	21	<1	3	<1	43	0.09	53	<1	12	525	<1	2
06-JCH-067	15	0.257	22	1	4	<1	67	0.08	81	<1	23	674	2	3
06-RTH-001	4	0.113	20	<1	1	<1	29	0.07	61	<1	6	64	<1	10
06-RTH-002	5	0.129	11	<1	1	<1	29	0.07	68	<1	7	60	<1	3
06-RTH-003	5	0.129	9	<1	1	<1	30	0.06	43	1	6	63	<1	3
06-RTH-004	5	0.124	8	<1	1	<1	25	0.07	87	<1	7	52	<1	20
06-RTH-005	6	0.115	30	<1	1	<1	32	0.08	68	<1	6	210	<1	5
06-RTH-006	5	0.114	30	<1	1	<1	26	0.08	62	<1	5	184	<1	3
06-RTH-007	6	0.139	21	<1	1	<1	27	0.09	89	<1	6	196	<1	4
06-RTH-008	8	0.122	20	<1	1	<1	27	0.11	110	<1	6	295	<1	5
06-RTH-009	7	0.138	16	<1	1	<1	26	0.09	81	<1	5	119	<1	2
06-RTH-006 R	5	0.112	28	<1	1	<1	26	0.07	56	<1	4	180	<1	16

**SRC Geoanalytical Laboratories**

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-1730

Date: March 02, 2007

**Apex Geoscience Ltd**

Attention: Kris Raffle

PO #/Project: 99123

Samples: 88

**Multi-Element ICP Analysis**

## Aqua Regia Digestion

Sample Number	Ni ppm	P2O5 wt %	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	TiO2 wt %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au ppb
LS4	50	0.525	23	<1	7	<1	28	0.17	103	<1	20	202	2	N/R
06-RTH-010	7	0.147	18	<1	1	<1	29	0.09	101	<1	6	120	<1	5
06-RTH-011	9	0.148	30	<1	2	<1	40	0.09	61	<1	8	252	<1	2
06-RTH-010 R	8	0.138	19	<1	1	<1	27	0.09	97	<1	5	121	<1	3
LS4	50	0.516	23	<1	8	<1	27	0.17	102	<1	19	203	2	N/R
06-JCH-057	6	0.111	31	<1	1	<1	33	0.07	46	<1	9	401	<1	3
06-JCH-058	6	0.101	28	<1	1	<1	28	0.06	39	<1	7	329	<1	6
06-JCH-057 R	6	0.106	32	<1	1	<1	35	0.07	44	<1	9	400	<1	N/R

Aqua Regia: A 0.5 g pulp is digested with 2.00 ml of 3:1 HCL:HNO3 for 1 hour at 95 C.

Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.



**APPENDIX 3:**

**2006 EXPLORATION EXPENDITURE DETAILS**

# APEX Geoscience Ltd

July 2006 through October 2007

Date	Description	Amount
<b>Consulting/Overhead</b>		
10/31/2006	Operator's overhead and management fee (5%)	55.09
11/30/2006	APEX rental - Truck 1	1,900.00
11/30/2006	APEX rental - Truck 2	1,700.00
11/30/2006	APEX rental - Quad 1	1,710.00
11/30/2006	APEX rental - Quad 1 standby days discount - 50%	-855.00
11/30/2006	APEX rental - Quad 2	1,530.00
11/30/2006	APEX rental - Quad 2 standby days discount - 50%	-765.00
11/30/2006	APEX rental - 4 GPS units	200.00
11/30/2006	APEX rental - chain saw/safety gear	50.00
11/30/2006	APEX rental - 2 Motorola radios	250.00
11/30/2006	APEX supplies	250.00
11/30/2006	Operator's overhead and management fee (5%)	685.78
12/20/2006	Operator's overhead and management fee (5%)	783.56
01/31/2007	Operator's overhead and management fee (5%)	151.72
02/28/2007	Operator's overhead and management fee (5%)	20.75
03/30/2007	Operator's overhead and management fee (5%)	410.86
05/31/2007	Operator's overhead and management fee (5%)	26.12
		8,103.88
<b>Geologists Fieldwork</b>		
11/30/2006	Geological Work Performed Field - Kris Raffle (Oct 22-Nov 21/06)	9,025.00
11/30/2006	Geological Work Performed Field - Mark Hanki (Oct 22-Nov 21/06)	6,000.00
11/30/2006	Geological Work Performed Field - Robyn Mann (Oct 22-Nov 21/06)	7,000.00
11/30/2006	Geological Services Performed Field - Ronnie Therriault (Oct 22-Nov 21/06)	8,000.00
11/30/2006	Geological Services Performed Field - Jackie Chau (Oct 22-Nov 21/06)	7,000.00
		37,025.00
<b>Geologists</b>		
10/31/2006	Geological Services Performed Office - Mark Hanki (Sept 22-Oct 21/06)	254.25
11/30/2006	Geological Services Performed Office - Byron Wallis (Sept 22-Oct 21/06)	132.50
11/30/2006	Geological Services Performed Office - Byron Wallis (Oct 22-Nov 21/06)	100.00
11/30/2006	Geological Services Performed Office - Kris Raffle (Oct 22-Nov 21/06)	480.00
11/30/2006	Geological Services Performed Office - Ronnie Therriault (Oct 22-Nov 21/06)	519.00
11/30/2006	Geological Services Performed Office - Mark Hanki (Oct 22-Nov 21/06)	60.75
11/30/2006	Geological Services Performed Office - Jackie Chau (Oct 22-Nov 21/06)	132.00
12/29/2006	Geological Services Performed Office - Mark Hanki (Nov 22-Dec 21/06)	31.50
12/29/2006	Geological Services Performed Office - Ronnie Therriault (Nov 22-Dec 21/06)	1,200.00
12/29/2006	Geological Services Performed Office - Kris Raffle (Nov 22-Dec 21/06)	468.00
12/29/2006	Geological Services Performed Office - Jackie Chau (Nov 22-Dec 21/06)	372.00
12/29/2006	Geological Services Performed Office - Robyn Mann (Nov 22-Dec 21/06)	1,917.50
01/31/2007	Geological Services Performed Office - Ronnie Therriault (Dec 22-31/06)	375.00
01/31/2007	Geological Services Performed Office - Robyn Mann (Jan 1-21/07)	441.00
01/31/2007	Geological Services Performed Office - Kris Raffle (Jan 1-21/07)	55.25
01/31/2007	Geological Services Performed Office - Ronnie Therriault (Jan 1-21/07)	2,625.00
01/31/2007	Geological Services Performed Office - Heather Carey (Jan 1-21/07)	1,023.75
02/28/2007	Geological Services Performed Office - Ronnie Therriault (Jan 22-Feb 21/07)	2,201.25
02/28/2007	Geological Services Performed Office - Kris Raffle (Jan 22-Feb 21/07)	29.75
02/28/2007	Geological Services Performed Office - Heather Carey (Jan 22-Feb 21/07)	1,500.00
03/30/2007	Geological Services Performed Office - Ronnie Therriault (Feb 22-Mar 21/07)	176.25
05/31/2007	Geological Services Performed Office - Kris Raffle (Mar 22-Apr 21/07)	552.50
05/31/2007	Geological Services Performed Office - Ronnie Therriault (Mar 22-Apr 21/07)	750.00
05/31/2007	Geological Services Performed Office - Mircea Ungurean (Mar 22-Apr 21/07)	571.50
05/31/2007	Geological Services Performed Office - Mircea Ungurean (Apr 22-May 21/07)	1,350.00
05/31/2007	Geological Services Performed Office - Kris Raffle (Apr 22-May 21/07)	709.75
06/29/2007	Geological Services Performed Office - Kyle Jordan (May 22-June 21/07)	225.00
06/29/2007	Geological Services Performed Office - Ronnie Therriault (May 22-June 21/07)	2,872.50
06/29/2007	Geological Services Performed Office - Rob L'Heureux (May 22-June 21/07)	170.00
06/29/2007	Geological Services Performed Office - Peter Whyte (May 22-June 21/07)	58.50
07/31/2007	Geological Services Performed Office - Kris Raffle (June 22-July 21/07)	85.00
09/28/2007	Geological Services Performed Office - Kris Raffle (Aug 22-Sept 21/07)	29.75
		21,469.25
<b>Miscell Apex Revenue</b>		
10/31/2006	Mileage Charged for Field travel	505.00
		505.00
<b>Principals Directly Involved</b>		
<b>DB</b>		
10/31/2006	Principal Directly Involved - Office Dean Besserer (Sept 22-Oct 21/06)	330.00
11/30/2006	Principals Directly Involved - Field Dean Besserer (Oct 22-Nov 21/06)	1,800.00
11/30/2006	Principal Directly Involved - Office Dean Besserer (Oct 22-Nov 21/06)	841.50
12/29/2006	Principal Directly Involved - Office Dean Besserer (Nov 22-Dec 21/06)	291.50
01/31/2007	Principal Directly Involved - Office Dean Besserer (Jan 1-21/07)	318.00
03/30/2007	Principal Directly Involved - Office Dean Besserer (Jan 22-Feb 21/07)	198.00
03/30/2007	Principal Directly Involved - Office Dean Besserer (Feb 22-Mar 21/07)	78.00
05/31/2007	Principal Directly Involved - Office Dean Besserer (Mar 22-Apr 21/07)	498.00

# APEX Geoscience Ltd

## July 2006 through October 2007

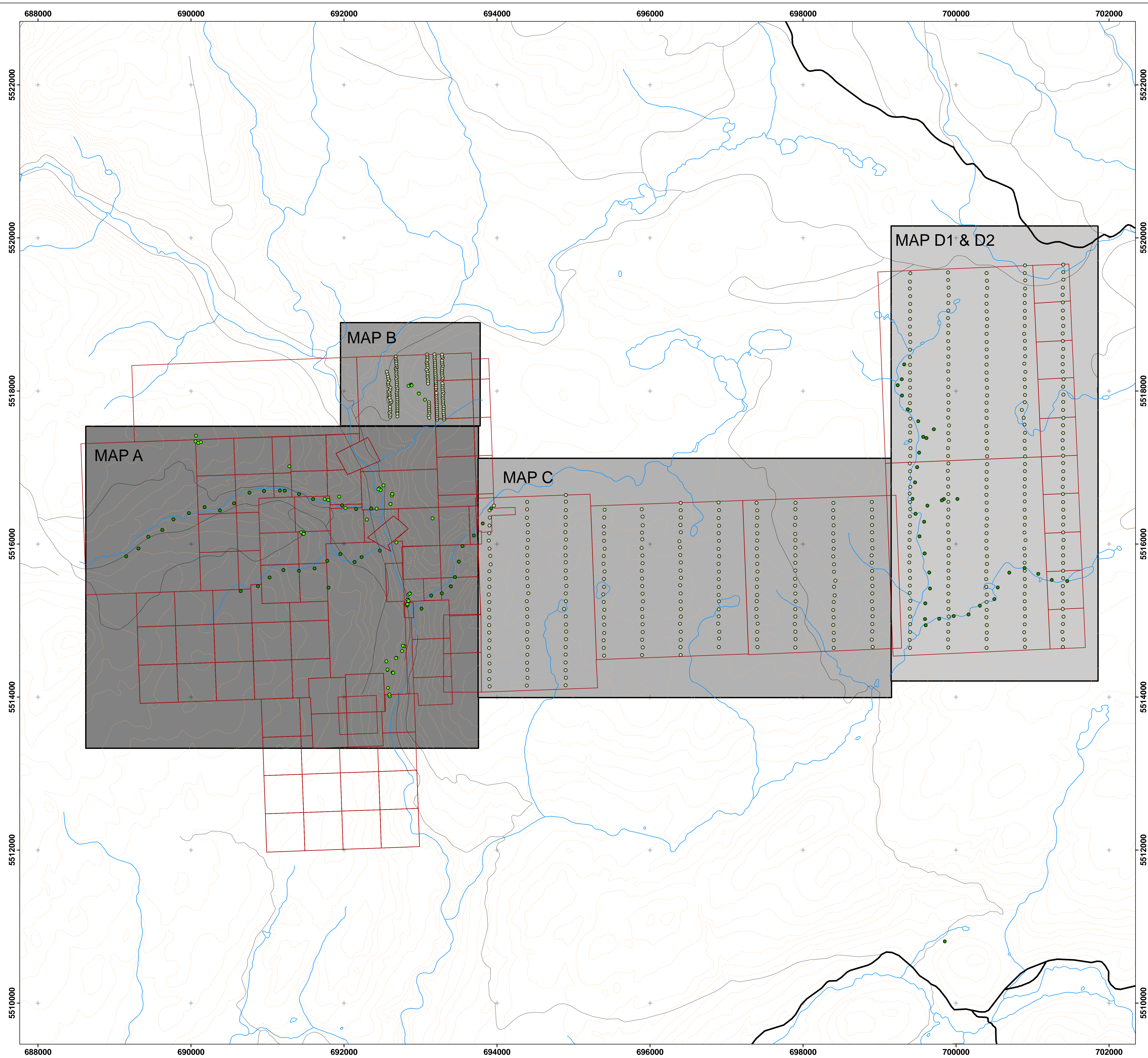
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05/31/2007	Principal Directly Involved - Office Dean Besserer (Apr 22-May 21/07)	402.00
06/29/2007	Principal Directly Involved - Office Dean Besserer (May 22-June 21/07)	600.00
07/31/2007	Principal Directly Involved - Office Dean Besserer (June 22-July 21/07)	558.00
09/28/2007	Principal Directly Involved - Office Dean Besserer (July 22-Aug 21/07)	120.00
09/28/2007	Principal Directly Involved - Office Dean Besserer (Aug 22-Sept 21/07)	78.00
		<b>6,113.00</b>
<b>MBD</b>		
09/28/2007	Principals Directly Involved - Office Michael Dufresne (Aug 22-Sept 21/07)	175.50
		<b>175.50</b>
		<b>6,288.50</b>
<b>Secretarial</b>		
11/30/2006	Clerical - Carol Andrews (Oct 22-Nov 21/06)	6.00
12/29/2006	Clerical - Carol Andrews (Nov 22-Dec 21/06)	20.00
03/30/2007	Clerical - Carol Andrews (Feb 22-Mar 21/07)	6.00
06/29/2007	Clerical - Carol Andrews (May 22-June 21/07)	6.00
		<b>38.00</b>
<b>Accommodation</b>		
11/30/2006	Ronnie Therriault: hotel, Nov 17/06	223.56
11/30/2006	Kris Raffle: accommodation, Oct 26-Nov 15/06	6,766.83
		<b>6,990.39</b>
<b>Assays/analyses</b>		
12/20/2006	TSL Laboratories: assay analyses, invoice 40994	3,445.60
12/20/2006	TSL Laboratories: assay analyses, invoice 40993	4,248.00
12/20/2006	TSL Laboratories: assay analyses, invoice 40995	3,846.80
12/20/2006	TSL Laboratories: assay analyses, invoice 41036	3,728.80
01/31/2007	TSL Laboratories: assay analyses, invoice 41066	2,128.55
01/31/2007	TSL Laboratories: assay analyses, invoice 41067	668.25
01/31/2007	TSL Laboratories: over limit assays, invoice 41283	204.30
01/31/2007	TSL Laboratories: assay analyses, invoice 41451	33.30
03/30/2007	SRC: assay analysis, inv 139499	8,119.02
05/31/2007	Actlabs: assay analysis, submitted Mar 12/07, inv A07-0873	504.00
		<b>26,926.62</b>
<b>Geo. fld supp.</b>		
10/31/2006	Deakin: geological field supplies, sample bags, invoice 32325	159.00
10/31/2006	Priority Printing Ltd: 2500 till sample cards, invoice 106220	69.44
10/31/2006	Priority Printing Ltd: 2500 till sample cards, invoice 106220	217.60
		<b>446.04</b>
<b>Other fld supp.</b>		
10/31/2006	Canadian Tire: field supplies, stl rmp,hat,gloves, vest, etc	138.69
10/31/2006	Mark Hanki: field supplies, Oct 12/06	194.64
10/31/2006	Canadian Tire, Merritt: field supplies, shovel	74.79
10/31/2006	Marks Work Wearhouse: field supplies, vests	80.22
11/30/2006	Ronnie Therriault: supplies, Oct 31/06	56.69
11/30/2006	Kris Raffle: supplies, Oct 31-Nov 15/06	371.21
11/30/2006	Mark Hanki: supplies, Nov 3-15/06	124.54
		<b>1,040.78</b>
<b>Food; camp/fld</b>		
10/31/2006	Save-on-foods: food	27.50
10/31/2006	Grand Pub & Grill, Merritt: food	65.71
11/30/2006	Jackie Chau: food, Nov 1-13/06	446.57
11/30/2006	Mark Hanki: food, Nov 12/06	11.51
11/30/2006	Ronnie Therriault: food, Oct 29-Nov 17/06	658.06
11/30/2006	Robyn Mann: food, Oct 27-Nov 17/06	129.25
11/30/2006	Kris Raffle: food, Oct 26-Nov 15/06	1,160.32
11/30/2006	Mark Hanki: food, Oct 31-Nov 17/06	388.05
03/30/2007	Dean Besserer: food for field crew, Oct 27-28/06	42.26
		<b>2,929.23</b>
<b>Fuel; camp/fld</b>		
10/31/2006	Husky Travel, Merritt: fuel	37.96
11/30/2006	Jackie Chau: fuel, Nov 2-12/06	215.33
11/30/2006	Robyn Mann: fuel, Nov 3-14/06	139.34
11/30/2006	Kris Raffle: fuel, Oct 31-Nov 15/06	534.65
11/30/2006	Mark Hanki: fuel, Oct 31-Nov 17/06	538.49
		<b>1,465.77</b>
<b>Maps/pubs</b>		
10/31/2006	Chapters: maps	12.70
		<b>12.70</b>
<b>Airfare</b>		
12/20/2006	Robyn Mann: airfare, Whitehorse/Vancouver/Kamloops, Oct 26/06	373.34
		<b>373.34</b>

# APEX Geoscience Ltd

July 2006 through October 2007

Date	Description	Amount
<b>Taxis</b>		
11/30/2006	Byron Wallis: mileage, Oct 29/06 and Nov 2/06	7.00
11/30/2006	Kris Raffle: highway toll, Nov 15/06	9.43
11/30/2006	Kris Raffle: mileage, Oct/Nov 2006	196.00
		212.43
<b>Communications</b>		
11/30/2006	Telus Mobility: cell phone charges, Oct/06	30.00
11/30/2006	Allstream: long distance charges, Oct/06, invoice 5644253	0.37
12/20/2006	Allstream: long distance charges, Dec/06, invoice 5740285	0.12
01/31/2007	Allstream: long distance charges, Jan /07, invoice 5838006	0.06
05/31/2007	Allstream: long distance charges, Mar/07, invoice 6144121	0.05
07/31/2007	Allstream: long distance charges, Jun/07, inv 6471312	0.66
		31.26
<b>Freight;regular</b>		
05/31/2007	Fed Ex: courier, waybill 798184099102, May 28/07, inv 8-091-98113	18.26
		18.26
<b>Freight;samples</b>		
11/30/2006	Canadian Freightways: freight, invoice 325-800473	413.43
11/30/2006	Greyhound: freight charges, Waybill#715460324291,71547826210,71548192133, invoice 325837C	97.46
11/30/2006	Canadian Freightways: freight, invoice 325-800484	413.43
12/20/2006	Greyhound: freight charges, Waybill#11395253796, invoice 3270631	28.47
02/28/2007	Canadian Freightways: freight, samples, invoice 341-92627C	415.07
03/30/2007	Fed Ex: courier, waybill 790198560259, Mar 9/07, inv 8-061-74104	55.93
		1,423.79
<b>Comm eqp rental</b>		
11/30/2006	Glentel: communication equipment rental, invoice R39075	-74.25
		-74.25
<b>Auto rental</b>		
11/30/2006	Kris Raffle: Avis, truck rental, Nov 06	340.08
		340.08
<b>Rental repairs</b>		
11/30/2006	Kris Raffle: flat tire repair, Nov 1/06, engine light check, Nov 14/06	155.56
10/31/2006	Kal Tire, Merritt: tire repair, invoice 043102658	23.54
		179.10
<b>Computers and Related Equip.</b>		
12/01/2006	Ronnie Therriault: laptop rental, Oct/Nov 06	150.00
		150.00
<b>Courier and Postage</b>		
11/18/2006	Greyhound: freight charges, Waybill#71130974596,71130974600, invoice 325837C	212.71
		212.71
<b>Total Expenditures</b>		\$ 116,107.88

**APPENDIX 4:**  
**2006 SAMPLE LOCATIONS**



- Legend**
- 2006 Sample Locations:**
- Soil
  - Stream Sediment
  - Grab & Chip
  - Major roads
  - Minor roads
  - Contours 50k
  - Property Claim Boundaries
  - Streams

2

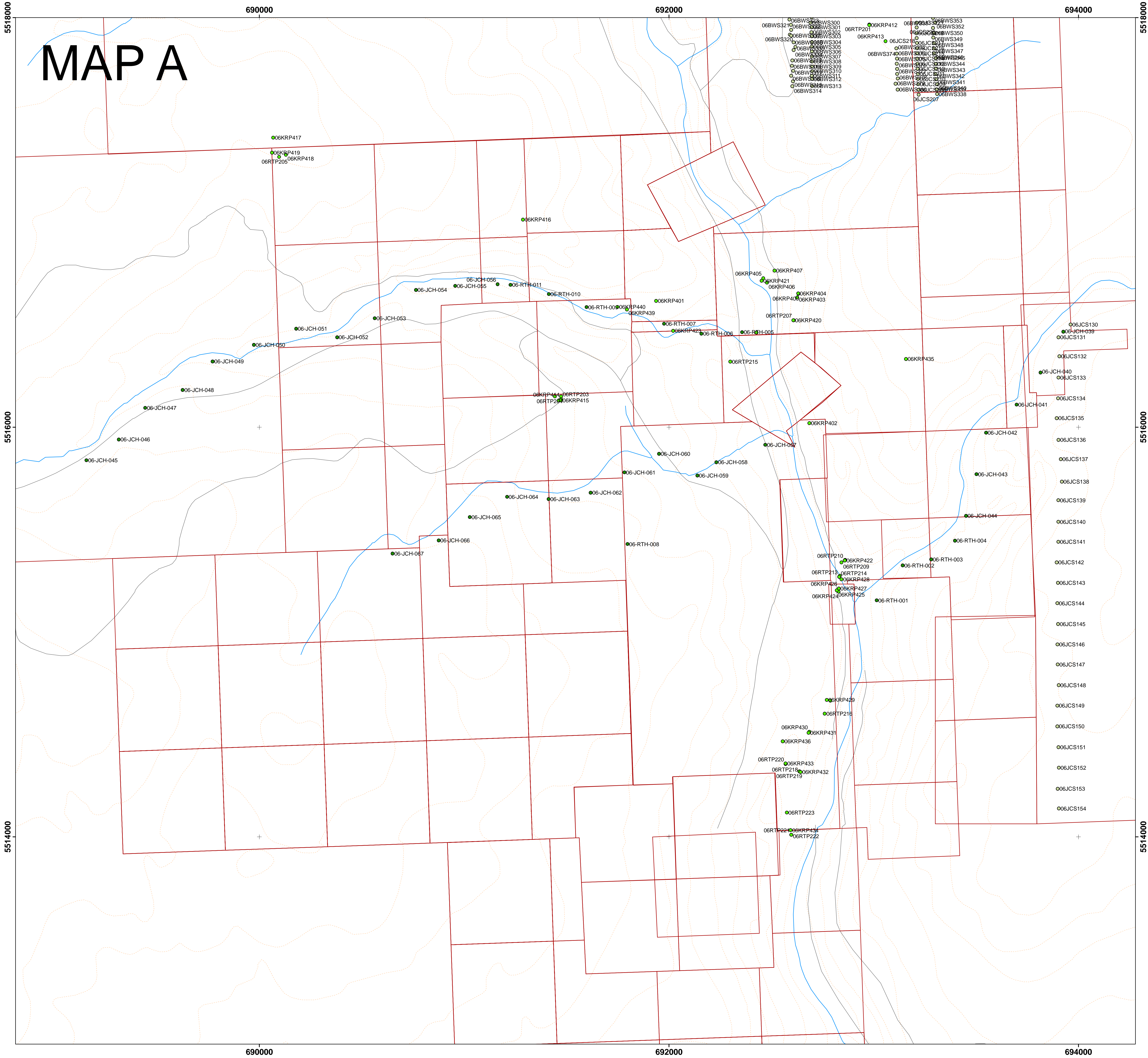
**Ravencrest Resources Inc.**

Siwash Property  
 2006 Sampling Locations:  
 Soil, Stream Sediment  
 and Grab Samples



Scale: 1:20,000  
 NAD 27, Zone 10

# MAP A



## Legend

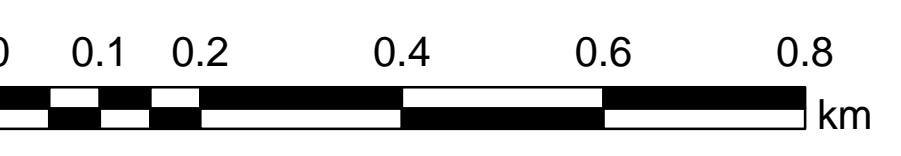
### 2006 Sample Locations:

- Soil
- Stream Sediment
- Grab & Chip
- Major roads
- Minor roads
- Contours 50k
- Property Claim Boundaries
- Streams

# 2

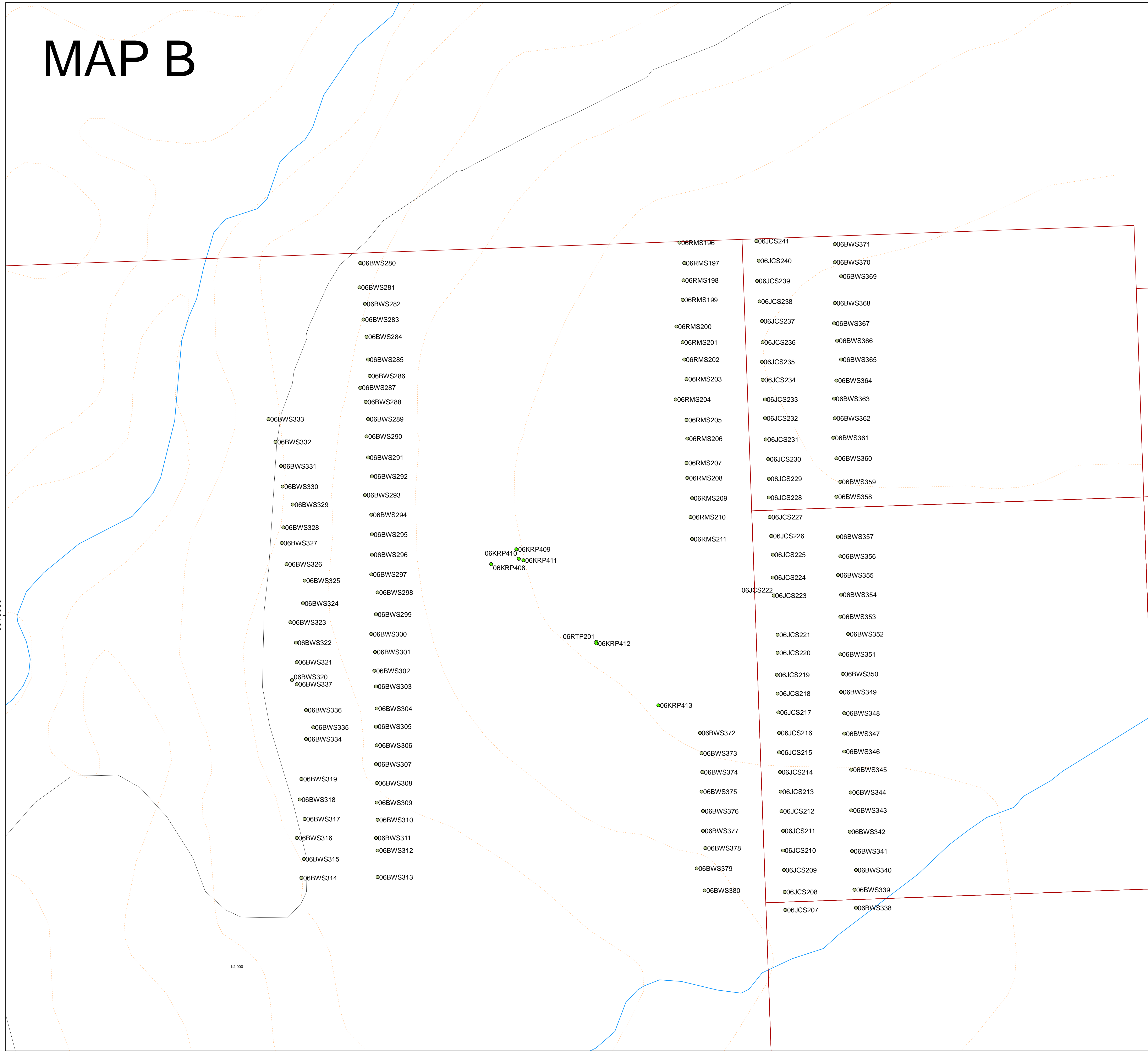
Ravencrest Resources Inc.

Siwash Property  
2006 Sampling Locations:  
Soil, Stream Sediment  
and Grab Samples



Scale: 1:7,500  
NAD 27, Zone 10

# MAP B



## Legend

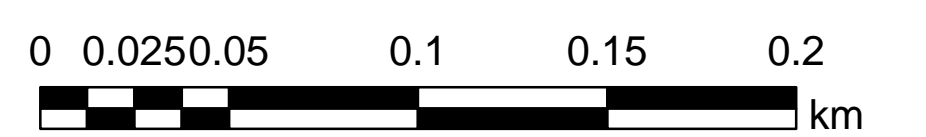
### 2006 Sample Locations:

- Soil
- Stream Sediment
- Grab & Chip
- Major roads
- Minor roads
- Contours 50k
- Property Claim Boundaries
- Streams

# 2

**Ravencrest Resources Inc.**

Siwash Property  
2006 Sampling Locations:  
Soil, Stream Sediment  
and Grab Samples



Scale: 1:2,000  
NAD 27, Zone 10

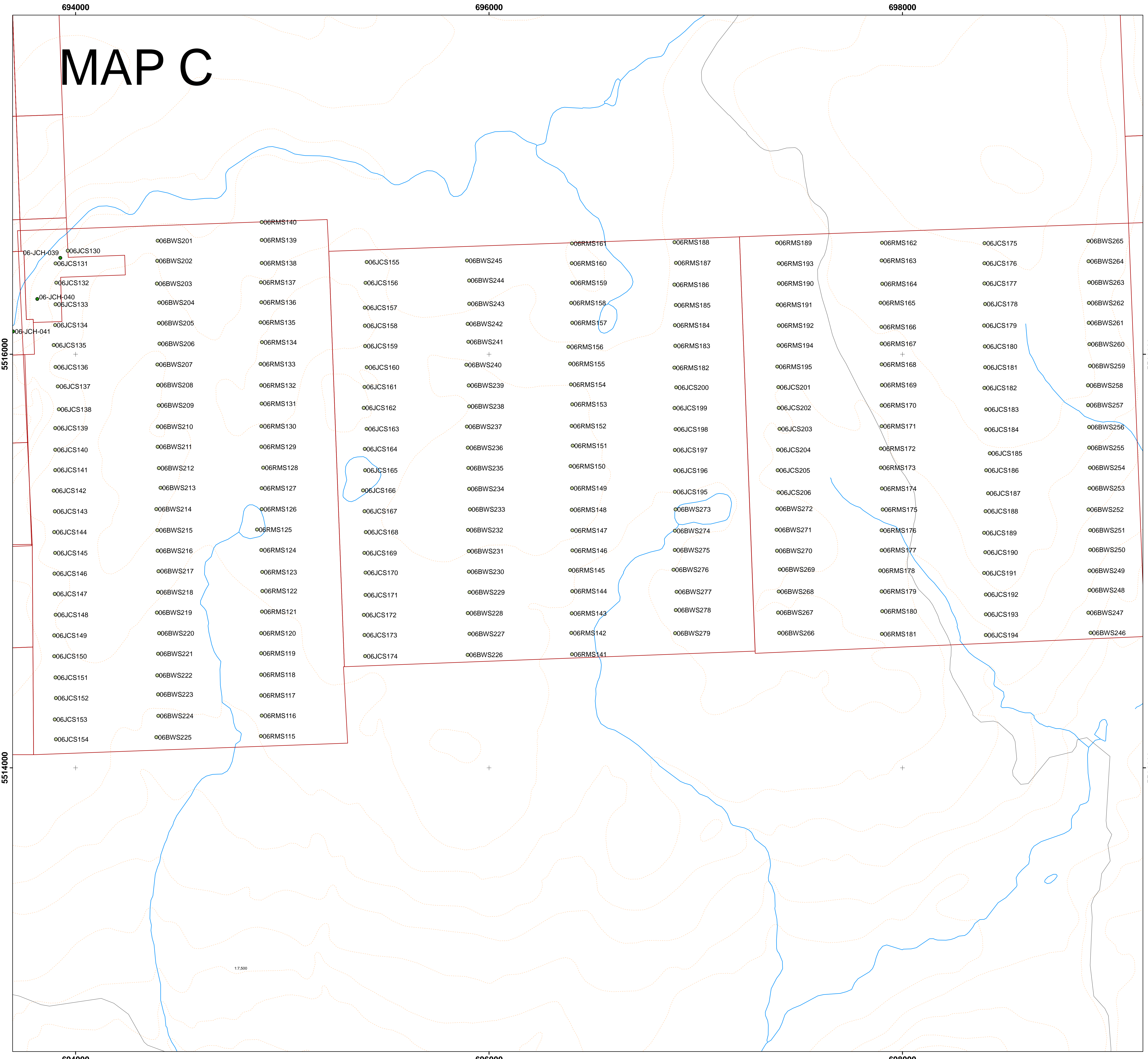


# MAP C

## Legend

### 2006 Sample Locations:

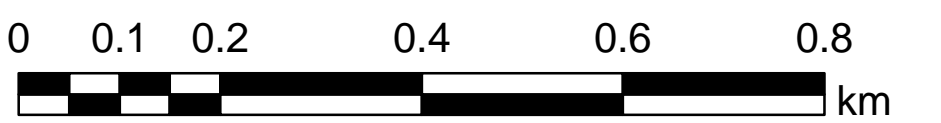
- Soil
- Stream Sediment
- Grab & Chip
- Major roads
- Minor roads
- Contours 50k
- Property Claim Boundaries
- Streams



# 2

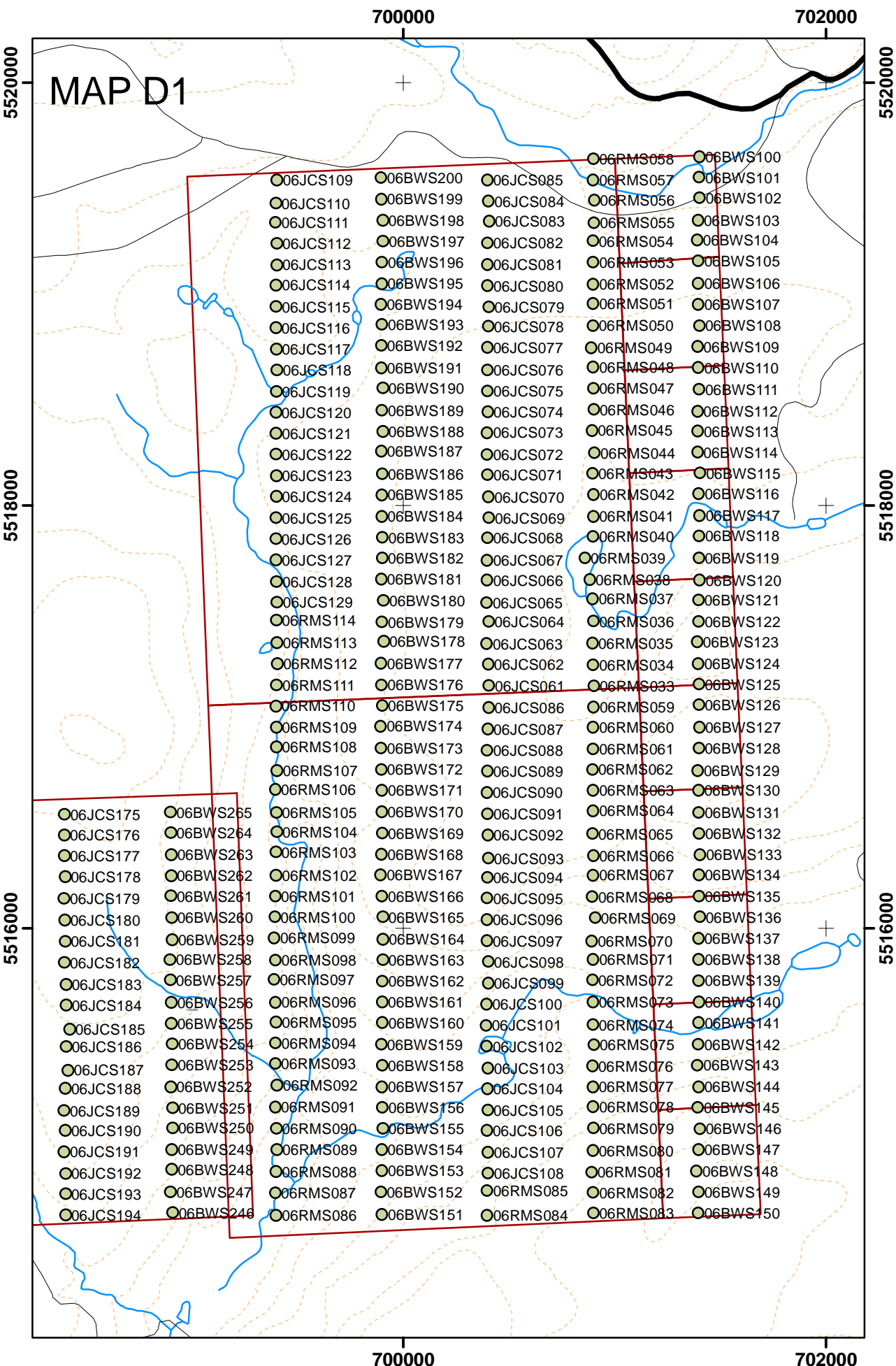
Ravencrest Resources Inc.

Siwash Property  
2006 Sampling Locations:  
Soil, Stream Sediment  
and Grab Samples



Scale: 1:7,500  
NAD 27, Zone 10

# MAP D1

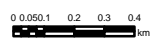


- Legend**
- 2006 Sample Locations:
- Soil
  - Stream Sediment
  - Grab & Chip
  - Major roads
  - Minor roads
  - - - Contours 50k
  - Property Claim Boundaries
  - Streams

# 2

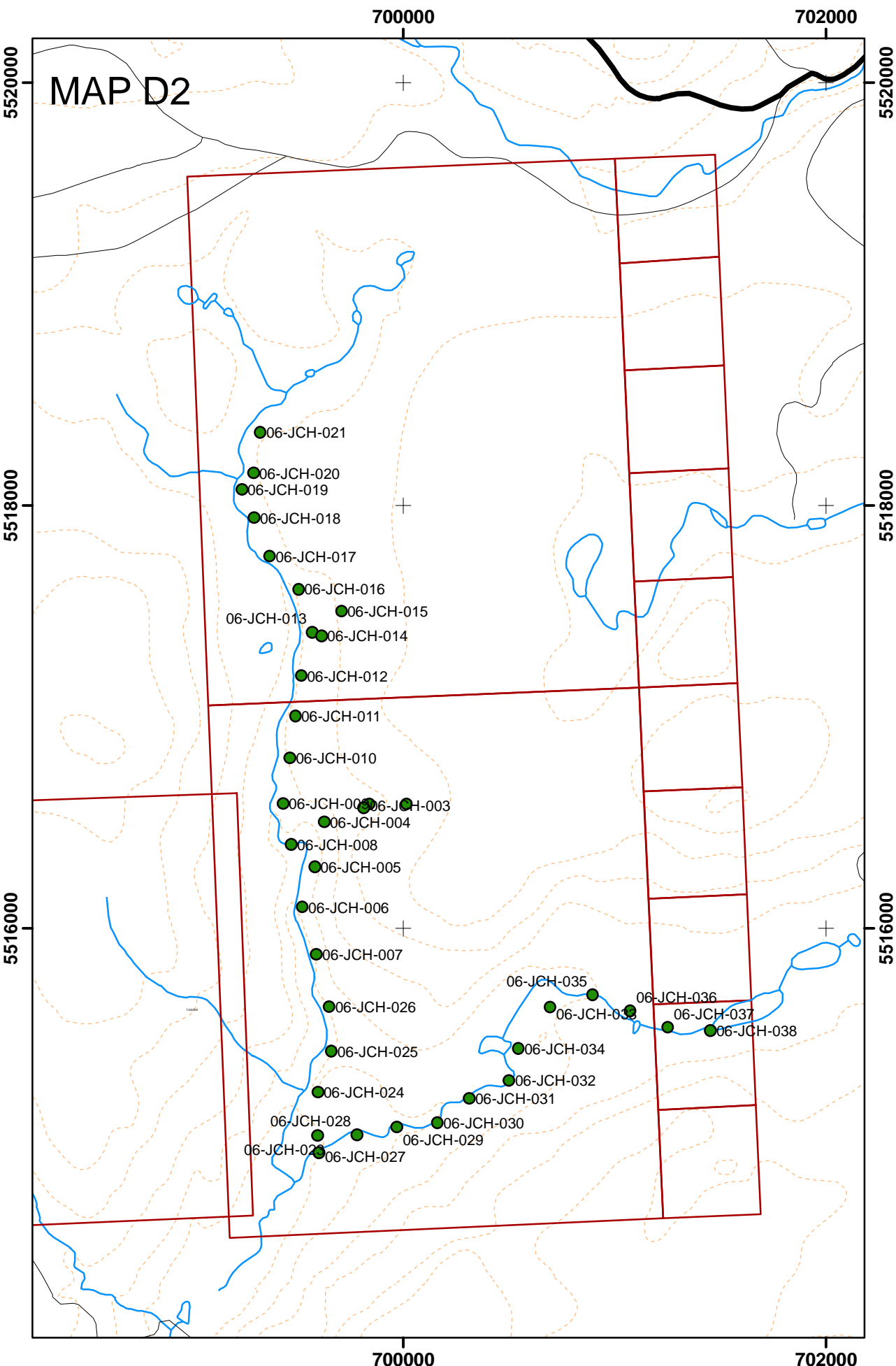
Ravencrest Resources Inc.

Siwash Property  
2006 Sampling Locations:  
Soil, Stream Sediment  
and Grab Samples



Scale: 1:25,000  
NAD 27, Zone 10

# MAP D2

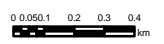


- Legend**
- 2006 Sample Locations:
- Soil
  - Stream Sediment
  - Grab & Chip
- Major roads
- Minor roads
- - - Contours 50k
- Property Claim Boundaries
- Streams

# 2

Ravencrest Resources Inc.

Siwash Property  
2006 Sampling Locations:  
Soil, Stream Sediment  
and Grab Samples



Scale: 1:25,000  
NAD 27, Zone 10