BRITISH COLUMBIA

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

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
Assessment Report: Topley-Richfield Polymetallic Property	$106,392.98

AUTHOR(S) Stephen Wetherup, BSc., P.Geo. SIGNATURE(S)

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) #06-0200216-911 August 23, 2006 YEAR OF WORK 2006

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S)

PROPERTY NAME Topley-Richfield Property

CLAIM NAME(S) (on which work was done) #346698, 505689, 506626, 534818, 534820, 534821, 534822

COMMODITIES SOUGHT Au, Ag, Cu, Pb, Zn

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 093L 018

MINING DIVISION Omineca NTS 093L.059

LATITUDE 54 º 35.5 ' " LONGITUDE 126 º 15.5 ' " (at centre of work)

OWNER(S)

1) Lorne Warren (FMC# 128313)

2) 1698727 Ontario Inc. (FMC# 207410)

MAILING ADDRESS

Box 662, Smithers, B.C., V0J 2N0

104-360 Trans-Canada Hwy.
Salmon Arm, BC V1E 3M6

OPERATOR(S) [who paid for the work]

1) NXA Inc.

2)

MAILING ADDRESS

Suite 810, 1 First Canadian Place
Toronto, Ontario M5X 1A9 Ph:+1.416.361.3121

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Hazelton Group, Telkwa Fm, Nilkitkwa Fm, andesitic volcanic rocks, polymetallic sulphide veins,
Low-sulphidation epithermal veins, carbonante alteration, sericite-quartz alteration

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS
5553, 5707, 7818, 7957, 8525, 9875, 17374

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	15 sq. km	#346698, 505689, 506626, 534818, 534820, 534821, 534822	$10,093.22
Photo interpretation		#346698, 505689, 506626, 534818, 534820, 534821, 534822	$8667.00
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	15.125 line km	#346698, 505689, 506626, 534820	}
Electromagnetic			} $36,668.72
Induced Polarization	15.125 line km	#346698, 505689, 506626, 534820	}
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	232 samples	#346698, 505689, 506626, 534820	$5533.20
Silt			
Rock	4 samples	#346698, 505689, 506626	$187.64
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	44 days	#346698, 505689, 506626, 534820	$24,852.44
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)	16.5 km	#346698, 505689, 506626, 534820	$20,394.36
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$106,392.98

ASSESSMENT REPORT

TOPLEY-RICHFIELD POLYMETALLIC PROPERTY

OMINECA MINING DIVISION
BRITISH COLUMBIA, CANADA

NTS MAP SHEET
093L.059

54º35.5'N Lat., 126º15.5'W Long.

OWNERS:
Lorne Warren (FMC#128313)
Titles #346698, 505689, 506626

1698727 Ontario Inc. (FMC#207410)
Titles #534818, 534820, 534821, 534822

OPERATOR:
NXA INC.
Suite 810, 1 First Canadian Place
Toronto, Ontario M5X 1A9
+1.416.361.3121

May 28th, 2007

Prepared by:

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Sudbury, Ontario, Canada P3B 1M6
+1.705.671.1801

Stephen Wetherup, B.Sc., P.Geo.

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1.0 SUMMARY

Exclusive mineral exploration rights to the Topley-Richfield Property were acquired by NXA Inc. ("NXA"), an NEX board TSX Venture Exchange ("TSX-V") listed company (NXI.H) based in Toronto, Ontario, from private company 1698727 Ontario Inc., subject to certain conditions and regulatory approval. Caracle Creek International Consulting Inc. ("CICC") has prepared this Assessment Report to provide a summary of scientific and technical data on the Topley-Richfield Polymetallic Property (the "Property"), including previous exploration activities.

The Report is based on exploration and property information and from a review of public domain geological and exploration data for the Topley-Richfield Property (primarily B.C. Assessment Reports), incorporation of relevant mining and geological literature and data generated by a fall 2006 program consisting of soils sampling, geological mapping, induced polarization ("IP") and magnetometer ("Mag") geophysical surveys.

A property visit was completed on August 24th and 25th, 2006 by the author, Stephen Wetherup and Iain Kelso with the bulk of the exploration program supervised and completed by CCIC employee Elisabeth Ronacher from September 18th to October 12th, 2006.

The Property is located ~100 km southeast of Smithers, British Columbia, Canada in the Omineca Mining Division, at 54º35.5'N and 126º15.5'W (NAD 83, Zone 9: 676000mE and 6054000mN). The Property consists of 7 contiguous mineral exploration concessions or mineral claims covering an area of approximately 2,348 hectares.

Tenure	Name	Map	Cells	Expiry Date	Area (ha)	Tenure Ownership
505689	na	093L059	31	20/01/08	580.943	Lorne Warren (100%)
506626	na	093L059	1	20/01/08	18.739	Lorne Warren (100%)
534818	Topley 2	093L059, 069	25	02/07/07	468.439	*Terry Loney (100%)
534820	Topley 3	093L069	24	02/07/07	449.540	*Terry Loney (100%)
534821	Topley 4	093L069	23	02/07/07	430.804	*Terry Loney (100%)
534822	Topley 5	093L069	20	02/07/07	374.471	*Terry Loney (100%)
346698	Dump 2	093L059	1	20/01/08	25.000	Lorne Warren (100%)
				Total:	**2,347.936**	

*application has been made to transfer 100% to PrivateCo (1698727 Ontario Inc.)

The Town of Smithers, located about 100 km northwest of the Property, is the nearest significant population centre with around 5,500 people. People in the area are generally employed by the forestry and tourism industry and as many as 230 people that work at the Huckleberry Mine live in the Houston area. People in the area are generally supportive of potential mining employment and a local supply of unskilled labour is readily available. The Granisle Highway and a high-tension electric transmission line are located proximal to the western boundary of the Property. They were originally built to service the Town of Granisle, located ~50 km north of Topley and the Bell Copper and Granisle Cu-Au-Ag mines that operated from 1972-1992 and 1966-1982, respectively. Some of the mining infrastructure still exists on the Bell Copper Mine site.

The Topley-Richfield Property was discovered in 1926 prompting the Topley-Richfield Mining Company to construct 240 m of underground workings on two levels. Further underground development occurred in the early 1950s by the Topley Mining Syndicate but little ore was extracted.

In 1979, Cobre Exploration Ltd. conducted VLF-EM and vector pulse electro-magnetometer ("EM") survey at Topley-Richfield. Following the geophysical surveys, Cobre initiated a drilling programme in 1980, and completed 28 diamond drill holes. This drilling campaign resulted in the discovery of the "B/C" ore shoot which was determined to be 300 m × 55-70 m × 2.2 m in size and open to depth.

Esso Minerals Canada drilled the Property in 1987, completing 1017.75 m of reverse circulation drilling and found only minor alteration and mineralization north of the underground workings (MacLeod, 1988). Later, diamond drilling by Esso, targeted possible extensions of the mineralization southwest of previously delineated ore zones and found that the upper mineralized horizon thins out in this direction and the lower horizon was less mineralized although it maintained its thickness of ~40 m. The drilling north of the old shaft intersected a 0.5 m thick ore horizon (MacLeod, 1988). MacLeod (1988) reported a historic reserve that is non-compliant with NI43-101 standards, of 170,000 t grading 3.9 g /t Au and 177.3 g /t Ag.

The Topley-Richfield Property is located in Intermontane Belt of British Columbia in the Stikine volcanic arc terrane. The terrane consists of the Asitka Group, Takla Group, and Hazelton Group, of which the Topley-Richfield Property is within Hazelton Group rocks. The Hazelton Group is further sub-divided into the Nilkitkwa, Telkwa and Smithers Formations. Previous workers have interpreted the mineralization on the Property to occur be stratabound at the contact between Nilkitkwa and Telkwa Formation rocks. Hydrothermal quartz-sericite-carbonate (calcite, dolomite, ankerite) alteration is reported to occur in two zones roughly at the contact between the Nilkitkwa and the Telkwa formations, and the mineralization is hosted by these altered rocks. The altered rocks were referred to as "Topleyite" in previous descriptions of the Property. The protolith of the "Topleyite" is unknown.

The area of the Skeena Arch is one of the best mineralized areas of British Columbia (MacIntyre, 2006). It hosts a plethora of deposit types including polymetallic base- and precious metal veins, porphyry, epithermal and skarn deposits, and sedimentary exhalative (SEDEX) and VMS deposit types. The Topley-Richfield Property has previously been classified as a VMS deposit because of the apparent stratabound nature of the mineralized zone (e.g., Whiting, 1981). However, the mineralization also has affinities to epithermal deposits and the reported conformable nature of the mineralized zone could be due to the development of preferred mineralization along zones of structural weakness.

Examples of other epithermal deposits in the area are Dome Mountain, located about 30 km northwest of the Property and the Equity Silver Mine, B.C.'s largest silver producer (produced 71 Moz Ag and 0.5 Moz Au), is located ~40 km south of Topley.

The 2006 field programme on the Topley-Richfield Property ($116,392.98 in exploration expenditures) began on September 20th, 2006 and ended on October 12th, 2006. Prior to the commencement of field work, a GIS and 3D compilation of historical data and drill core information was completed by CCIC. Under the direction of CCIC, the exploration programme consisted of ~15 km of line cutting, IP-Mag geophysical surveys, reconnaissance prospecting and geochemical soil survey.

Analysis of the database and 3D model compiled from historical drilling data, shows that a majority of the diamond drilling occurs in a 500 m x 500 m area around where the underground workings occur and that little work has tested the strike or depth extents of the stratabound mineralized zones. Continuity of the mineralized zones appears to be good and the sparse drilling outside of this 500 m x 500 m area indicates that mineralization extends down-dip and to the north and south along strike.

IP and Mag data collected during the autumn 2006 work programme indicates that the zones of mineralization have a geophysical signature consisting of low magnetic susceptibility and low resistivity (high conductivity). The area underlain by low resistivity extends in a north-south linear trend from the area tested by the underground workings; this is parallel to bedding and also shows a second trend which extends westward. This westward trend of low resistivity is coincident with the magnetic low and suggests that the mineralization may not only be parallel to bedding but also occur along a discordant structure. An epithermal model for the mineralization style allows one to consider discordant structures such as these as possible targets and suggests that the historical drilling which is generally directed eastward may not be a suitable orientation to intersect discordant mineralized structures.

Given current market conditions, the recommended Phase I work programme is estimated at ~$350,000 and the recommended Phase II work programme is estimated at ~$1,500,000. Phase I should consist of at least 1,500 m of diamond drilling, re-sampling of historic drill core, and continued geochemical soil surveying. Contingent on a successful Phase I programme, an additional 5,000-7,000 m of drilling is recommended.

INTRODUCTION AND TERMS OF REFERENCE

1.1 Introduction

Exclusive mineral exploration rights to the Topley-Richfield Property have been acquired by NXA Inc., an NEX board TSX Venture Exchange listed company (NXI.H) based in Toronto, Ontario, from private company 1698727 Ontario Inc., subject to certain conditions and regulatory approval. CCIC has prepared this Assessment Report to provide a summary of scientific and technical data on the Topley-Richfield Polymetallic (Cu-Zn-Pb-Au-Ag) Property, including historic and recent exploration activities.

The Report is based on exploration and property information and data supplied by NXA, a review of public domain geological and exploration data for the Topley-Richfield Property (primarily B.C. Assessment Reports), incorporation of relevant mining and geological literature, a property visit completed by lead author Iain Kelso and data generated by induced polarization and magnetometer geophysical surveys.

1.2 Terminology and Units

The Metric System or SI System is the primary system of measure used in this Report with distance generally expressed in kilometres (km), metres (m) and centimetres (cm), volume expressed as cubic metres (m^3), and mass expressed as metric tonnes (t). Conversions from the SI or Metric System to the Imperial System are provided below and quoted where practical. Many of the geologic publications and more recent work assessment files now use the SI system but older work assessment files almost exclusively refer to the Imperial System.

Conversion factors utilized in this report include: 1 troy ounces/ton = 34.29 gram/tonne; 0.029 troy ounces/ton = 1 gram/tonne; 1 troy ounces/ton = 31.1035 gram/ton; 0.032 troy ounces/ton = 1 gram/ton; 1 gram = 0.0322 troy ounces; 1 troy ounce = 31.104 grams; 1 pound = 0.454 kilograms; 1 foot = 0.3048 metres; 1 mile = 1.609 kilometres; 1 acre = 0.405 hectares; and, 1 sq mile = 2.59 square kilometres. The term gram/tonne or g/t is expressed as “gram per tonne” where 1 gram/tonne = 1 ppm (part per million) = 1000 ppb (part per billion). Other abbreviations include ppb = parts per billion; ppm = parts per million; opt or oz/t = ounce per short ton; Moz = million ounces; Mt = million tonne; t = tonne (1000 kilograms); SG = specific gravity.

Dollars are expressed in Canadian Dollar currency (CAD$) unless otherwise noted. Gold (Au) and silver (Ag) are stated in US$ per troy ounce (US$/oz). Gold and silver values are reported as grams per tonne (ppm) symbolized g/t or troy ounces per short ton.

Unless otherwise mentioned, all Universal Transverse Mercator (UTM) coordinates in this Report are provided in the datum of Canada, NAD83 Zone 9.

1.3 CCIC Qualifications

Caracle Creek International Consulting Inc. is an international consulting company based in Sudbury, Ontario, Canada. CCIC provides a wide range of geological and engineering services to the mineral industry. With offices in Canada (Sudbury and Toronto, Ontario and Abbotsford, British Columbia) and South Africa (Johannesburg), CCIC is well positioned to service its international client base.

CCIC's mandate is to provide professional geological and engineering services to the mineral exploration and development industry at competitive rates and without compromise. CCIC's group of professionals have international experience in a variety of disciplines and offer services that include:

1. Exploration Project Generation, Design and Management
2. Data Compilation and Exploration Target Generation
3. Property Evaluation and Due Diligence Studies
4. Independent Technical Reports (43-101)/Competent Persons' Reports
5. Mineral Resource/Reserve Modelling, Estimation and Audit, and Conditional Simulation
6. 3D Geological Modelling, Visualization and Database Management

In addition, CCIC has access to the most current software for data management, interpretation, viewing, manipulation and target generation.

The Qualified Person for this Report is Mr. Iain Kelso, Technical Manager for CCIC Canada, and a geoscientist in good standing with the Association of Professional Geoscientists of Ontario (APGO #1345). Mr. Kelso has several years experience in geological mapping, geological modelling and resource calculations, and in the management of quality control-quality assurance programs. Mr. Kelso has also written or co-written numerous NI43-101 compliant Independent Technical Reports.

Co-authoring this Report are Dr. Elisabeth Ronacher, Senior Project Geologist with CCIC, and Mr. Stephen Wetherup, General Manager for CCIC Canada. Dr. Ronacher and Mr. Wetherup supervised the autumn field programme on the Property. Dr. Ronacher has several years experience in the implementation and management of field exploration programmes, particularly related to epithermal type deposits. Mr. Stephen Wetherup is a geologist in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC #27770) and has been for 5 years. Mr. Wetherup has 10 years experience in the mineral exploration industry as an exploration geologist, specializes in structural geological mapping and interpretation and has written or co-written numerous NI43-101 compliant Independent Technical Reports. Certificates of Author are provided in Appendix 1.

2.0 RELIANCE ON OTHER EXPERTS

This Report was prepared by Iain Kelso, Elisabeth Ronacher, and Stephen Wetherup from CCIC. The information, conclusions and recommendations contained herein are based largely on a review of published geological reports, GIS and 3D data analysis, site visits, an exploration programme and a geophysical survey conducted by Scott Geophysics Ltd. CCIC has assumed that the reports and other data listed in the "References" section of this Report are substantially accurate and complete.

Information on mineral title and ownership and status of claims as outlined in this Report were obtained from MINFILE digital resource provided by the British Columbia (B.C.) Ministry of Energy, Mines and Petroleum Resources.

CCIC have made every attempt to accurately convey the content of those files, but cannot guarantee either the accuracy or validity of the work contained within those files. However, CCIC believe that these reports were written for internal purposes only, with the objective of presenting the results of the work performed without any promotional or misleading intent. In this sense, the information presented should be considered reliable, unless otherwise stated, and may be used without any prejudice by NXA.

3.0 PROPERTY LOCATION AND DESCRIPTION

3.1 Location

The Property is located ~100 km southeast of Smithers, British Columbia, Canada in the Omineca Mining Division, at 54º35.5'N and 126º15.5'W (NAD83, Zone 9: 676000mE and 6054000mN; Figures 3-1 and 3-2).

3.2 Description and Ownership

The Topley-Richfield Property consists of 7 contiguous concessions or mineral claims covering an area of approximately 2,348 hectares (Table 3-1; Figure 3-2).

Table 3-1. List of the mineral claims that comprise the Topley-Richfield Property.

Tenure	Name	Map	Cells	Expiry Date	Area (ha)	Tenure Ownership
505689	na	093L059	31	20/01/08	580.943	Lorne Warren (100%)
506626	na	093L059	1	20/01/08	18.739	Lorne Warren (100%)
534818	Topley 2	093L059, 069	25	02/07/07	468.439	1698727 Ontario Inc. (100%)
534820	Topley 3	093L069	24	02/07/07	449.540	1698727 Ontario Inc. (100%)
534821	Topley 4	093L069	23	02/07/07	430.804	1698727 Ontario Inc. (100%)
534822	Topley 5	093L069	20	02/07/07	374.471	1698727 Ontario Inc. (100%)
346698	Dump 2	093L059	1	20/01/08	25.000	Lorne Warren (100%)
				Total:	**2,347.936**	

The entire area covered by the Topley-Richfield Property is Crown Land and as such permission to access the area is not required.

NXA has acquired these claims through option agreements with Lorne Warren (FMC #128313), and 1698727 Ontario Inc. (FMC # 207410) who currently are the claim owners that comprise the Topley-Richfield Property. NXA is currently in the process of acquiring its own Free Miner's Certificate and as such is submitting this Report on behalf of the title holders, Lorne Warren and 1698727 Ontario Inc.

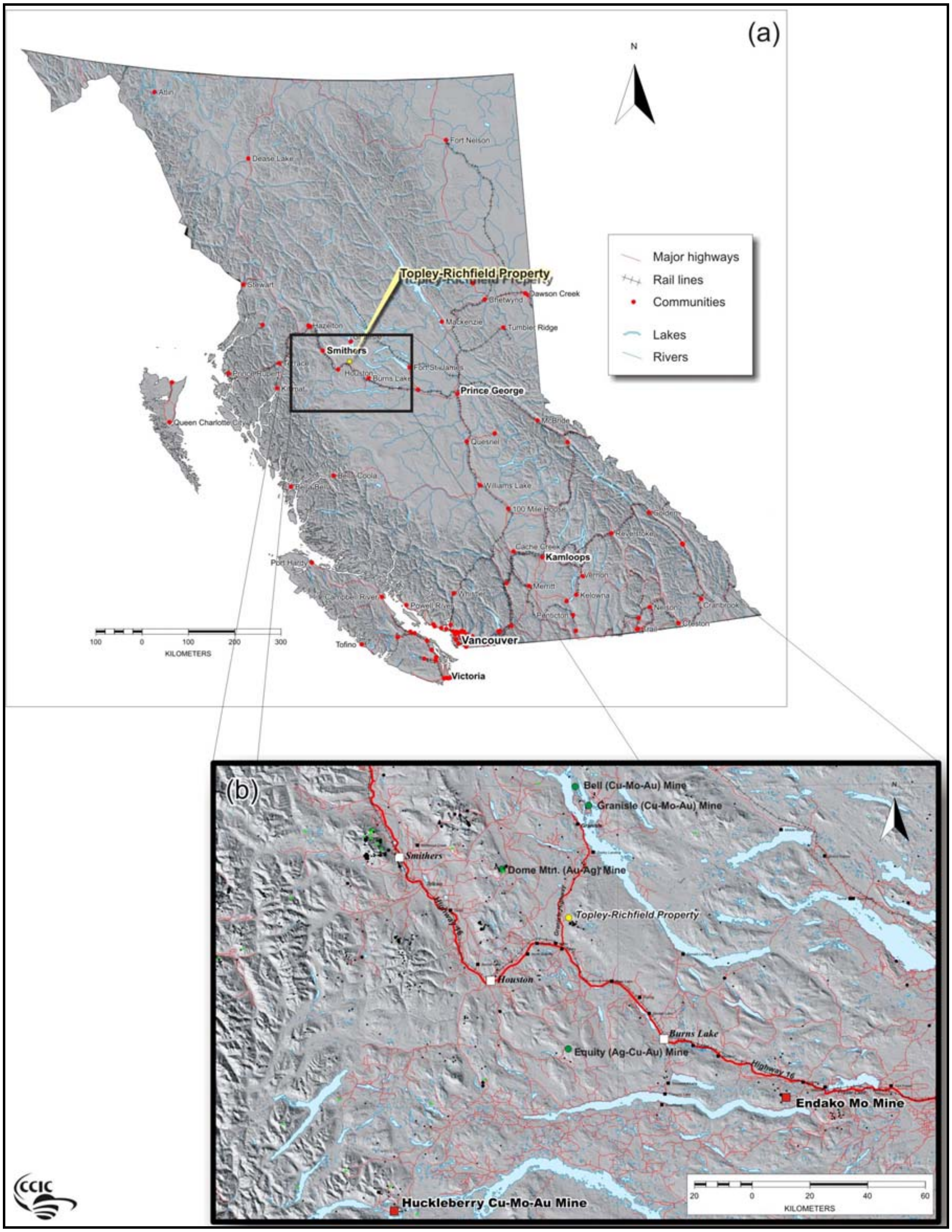

Figure 3-1. (a) Location of the Topley-Richfield Property within B.C ,and (b) location of towns, highways and active and recently active mining operations in the local area around the Topley-Richfield Property.

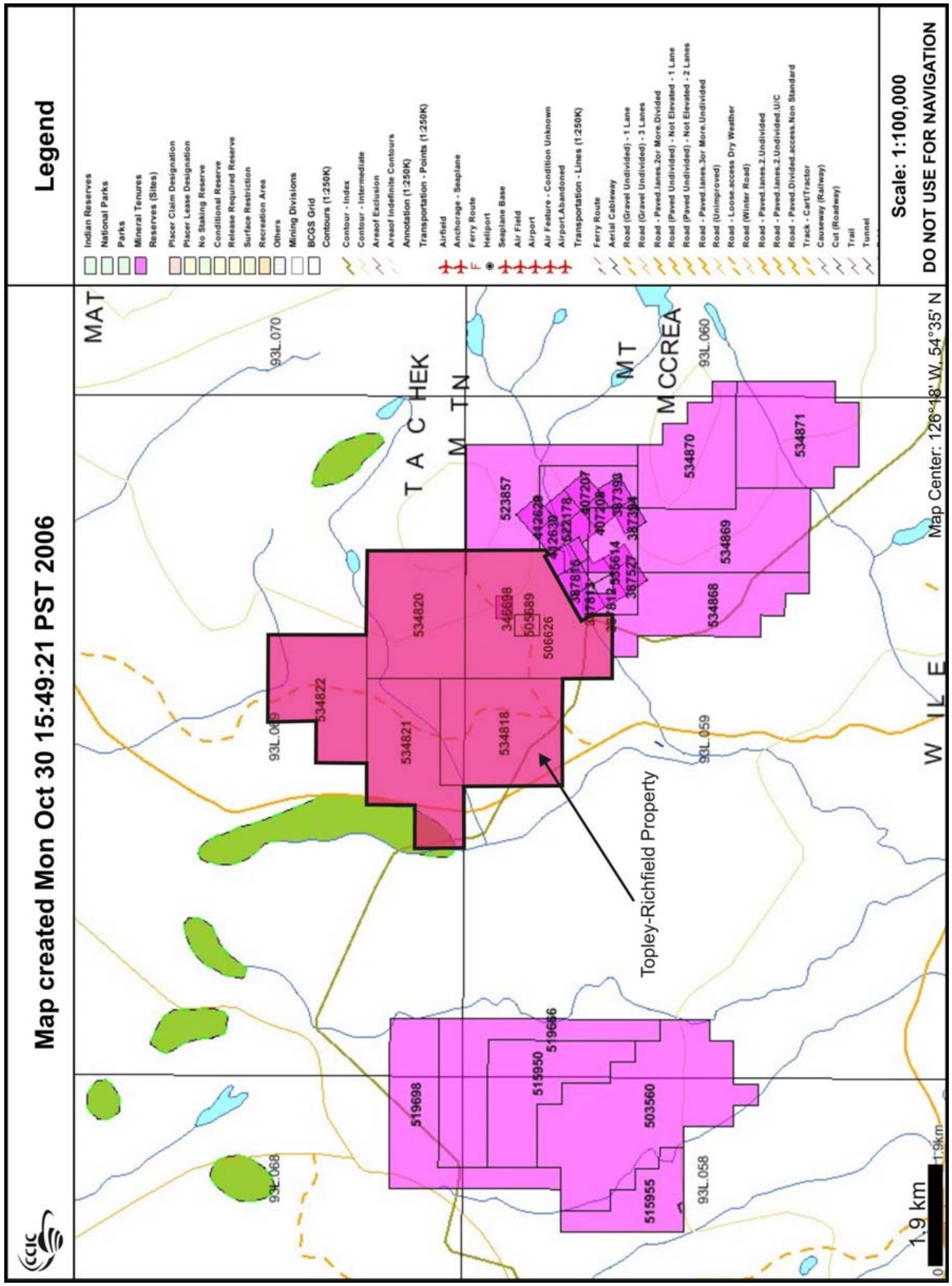

Figure 3-2. Location of the seven Topley-Richfield Property mineral claims, British Columbia, Canada.

4.0 ACCESSIBILITY, CLIMATE, PHYSIOGRAPHY, AND INFRASTRUCTURE

4.1 Access

The Property is located ~8 km north of Topley, B.C., at approximately 676541mE and 6052603mN (centred: 54°35'N, 126°15'W), on National Topographic System ("NTS") map sheets 93L069 and 93L059 (Figure 3-1). Vehicle access to the Property is via Granisle Highway 118, which originates from the Yellowhead Highway 16 at the Town of Topley, to Topley Landing on Granisle Lake and on Holmes Creek Forest Service Road, which branches off Highway 118 about 8 km north of Topley. This route also provides the best access for heavy equipment to the Property. A network of logging roads and rough drill trails extend to most areas on the Property.

4.2 Climate and Vegetation

The climate in the Topley-Richfield area is a typical continental climate: cold winters warm summers, and a precipitation maximum in late spring or early summer. However, the moderating influences of Pacific air occur throughout the year. The area lies in a rain shadow leeward of the coast mountains. In summer there is intense surface heating and convective showers, and in the winter there are frequent outbreaks of Arctic air.

In January, the daily minimum temperature is -12.7ºC (average -8.9ºC) and in July, the daily maximum temperature is 21.6ºC (average 15ºC). Most of the rain falls in the summer with the average rainfall accumulation of 48 mm in the month of June. The average snowfall accumulation is 55 cm in December. The total yearly precipitation is 512 mm. Climate data are from Environment Canada.

Vegetation is dominated by dense mixed forest of pine, spruce, cedar, alder, poplar and local low-lying swamps and marshes.

4.3 Physiography

The Topley-Richfield Property is located on the Nechako Plateau at an elevation of approximately 1,100 m above sea level ("ASL"). The terrain in the region is best described as hilly with elevation ranging from ~1,100 m to 1,650 m ASL.

4.4 Infrastructure and Local Resources

The Town of Smithers, located about 100 km northwest of the Property, is the nearest significant population centre with around 5,500 people. Other close population centres are Topley (~7 km southeast of the Property with ~1,099 people) and Houston (~35 km west of the Property with ~ 3,577 people. Services in Smithers include hospital and medical facilities, dentists, pharmacy, restaurants, grocery stores, hotels, service stations and major automobile dealerships, banks, building supply centers and other small businesses.

People in the area are generally employed by the forestry and tourism industry and as many as 230 people that work at the Huckleberry Mine live in the Houston area. People in the area are generally supportive of potential mining employment and a local supply of unskilled labour is readily available.

Currently, two operating mines are found in the region:

1. Huckleberry, Cu-Mo, Au Porphyry Mine: operated by Imperial Metals Corp., is approximately 123 road kilometres from Houston or 153 km from Topley. Most of its work force lives in the Bulkley Valley communities of Houston, Smithers, Topley and Burn Lake.
2. Endako Mo Porphyry Mine: approximately 100 km east-southeast of Topley, and serviced by the towns of Fraser Lake and Prince George, B.C..

These mining operations have operating mills and ship most of their concentrates through the deep water port in Stewart, B.C. (~400 km west-northwest of Topley, along paved roads) to smelters in Asia.

The Granisle Highway and a high-tension electric transmission line cross the western portion of the Property. They were originally built to service the Town of Granisle, located ~50 km north of Topley and the Bell Copper and Granisle Cu-Au-Ag mines that operated from 1972-1992 and 1966-1982, respectively. Some of the mining infrastructure still exists on the Bell Copper mine site.

5.0 HISTORICAL WORK

The Topley-Richfield Property was discovered in 1926 and subsequently owned by the companies listed in Table 5-1. The Property contains a precious and base metal mineral prospect with underground workings on two levels that were constructed in 1927. However, the underground workings were not accessible at the time of writing of this Report and their current status in terms of future access is not known.

Table 5-1. Summary of work and exploration history, Topley-Richfield Property.

Year	Company	Exploration Activity
1927-1929	Topley-Richfield Mining Company	2 levels of underground workings 1500 m of adits, inclined shaft
1952-1952	Topley Mining Syndicate	mapping, rock sampling, trenching
1955-1958	Silver Standard Mines	dewatering and UG sampling 291 m of surface drilling
1967	Seemar Mines Ltd.	ground magnetics/electromagnetic surveys 1100 m of surface drilling
1975	Canadian Superior Exploration Ltd.	mapping, silt sampling, IP 4 DDH totalling 405 m
1979-1981	Cobre Exploration Ltd.	ground electromagnetic/magnetic surveys UG sampling, 28 DDH of >4800 m 1 percussion-drill hole
1983	Cominco Ltd.	ground electromagnetic and IP 5 DDH of 655 m
1987	Esso Resources Canada Ltd.	37 RCDH and 8 DDH of 1667 m

The Topley-Richfield Mining Company constructed 240 m of underground workings on two levels. In 1937, a five feet wide shear zone in andesitic breccia about 300 m east of the underground workings, was discovered. Within this shear zone, a well mineralized lenticular quartz vein (60 cm wide) was found. The activities of the Topley-Richfield Mining Company are summarized in the B.C. Ministry of Energy, Mines and Petroleum Resources' Annual Reports

1924 (p. 98), 1926 (p. 138-143), 1927 (p. 140-147), 1928 (p. 173-174), 1929 (p. 179-180) and 1937 (p. 26-27).

The first IP and resistivity survey at Topley-Richfield was conducted by Canadian Superior Exploration Ltd. (Depaoli, 1975). No IP anomalies were generated and this was attributed to either the small size of the sulphide bodies or to the possibility that sulphides were shielded by quartz. Low resistivity values were interpreted to indicate thick overburden, however resistivity values increase toward the old mine workings and a corridor of high values were interpreted to indicate a north-south trending shear zone. The estimated thickness of overburden to the west of the shear zone is 25 to 66 m whereas it is ~15 m thick east of the shear zone.

To test the approximately 50 m wide shear zone (interpreted to contain quartz-carbonate alteration and to dip 45º to 50º to the west), Canadian Superior Exploration Ltd. drilled four diamond drill holes (75-1 to 75-4; Baker, 1975). The holes started between the old buildings and the north-south trending inferred shear zone to the east of the buildings. All holes were drilled at an angle of 45º toward the east. The holes intersected the area between the two mine levels. Altered and mineralized zones were intersected as well as fault gouge, brecciated and silicified zones. The bottoms of the holes were silicified and/or epidotized andesite. The mineralized zone was up to 35 m thick.

In 1979, Cobre Exploration Ltd. conducted VLF-EM and vector pulse electro-magnetometer ("EM") survey at Topley-Richfield. The VLF-EM survey detected a north-south striking anomaly around the old mine workings interpreted to be the surface expression of the previously detected shear zone/fault. In addition, a southeast striking anomaly was interpreted to be a previously unknown fault. Smaller features were interpreted to be veinlets of "Topleyite", the local term for highly altered rocks. The vector pulse EM survey detected the eastern contact between the shear zone and the andesite and the mineralization in the old mine workings. An area of north-south trending, steeply west dipping, and 125 m deep high conductivity west of the known mineralization was detected. Its upward projection coincides with the known shear zone. Results are summarized by Pezzot and Whiting (1980) and Whiting (1980).

Following the geophysical surveys, Cobre initiated a drilling programme in 1980, and completed 28 diamond drill holes (Whiting, 1980a).

- Several holes were drilled to test the conductivity anomaly found by the geophysical surveys, however, this zone consists of highly sheared (and highly conductive) andesitic and ultrabasic (?) rocks without any mineralization.
- Four holes (80-4 to 80-8) tested the extension of the mineralized zone of the underground workings (supposed to lie underneath the sheared, conductive unit?). One hole (80-4) intersected a mineralized horizon but the favourable beds appeared to pinch out towards the south
- All other holes tested the extension of the ore zone intersected in hole 80-4 to the north, south and its down dip extension to the west. The mineralized horizon was intersected in 8 holes and it was concluded that the ore zone thins out towards the south but may thicken again toward the southwest. In the north, the favourable beds thicken, but they are only weakly mineralized.

This drilling campaign resulted in the discovery of the "B/C" ore shoot which was determined to be 300 m × 55-70 m × 2.2 m and open to depth. Cobre Exploration calculated reserves of 181,000 t with grades of 5.0-10.6 g/t Au and 62.2-248.8 g/t Ag. Because of the stratabound nature of the ore and the ore minerals (sphalerite, galena, chalcopyrite, arsenopyrite) in monomineralic layers, Cobre concluded that the type of mineralization was of the "volcanogenic type" (i.e. volcanogenic massive sulphide or "VMS").

Cominco undertook a geophysical survey in 1982 (ground magnetometer) and 1983 (IP; Jackisch, 1983). Sulphide bodies were not identified as a result of the IP survey.

Esso Minerals Canada drilled the Property in 1987, completing 1017.75 m of reverse circulation drilling and found only minor alteration and mineralization north of the underground workings (MacLeod, 1988). Later, diamond drilling targeted possible extensions of the mineralization southwest of previously delineated ore zones and found that the upper mineralized horizon thins out in this direction and the lower horizon was less mineralized although it maintained its thickness of ~40 m. The drilling north of the old shaft intersected a 0.5 m thick ore horizon (MacLeod, 1988).

MacLeod (1988) reported reserves of 170,000 t grading 3.9 g/t Au and 177.3 g/t Ag. Although some reports indicate that the Property was never mined, the B.C. Ministry of Energy, Mines and Petroleum Resources MINFILE Production Detail Report reports that 43 tonnes of ore were mined between 1938 and 1953 (Table 5-2).

The locations of the historical drill collars on the Topley-Richfield Property are presented in Figure 5-1.

Table 5-2. Summary of ore mined at Topley-Richfield from 1938 to 1953.

Commodity	Recovered (g)	Recovered (kg)
Silver	26,998	--
Gold	31	--
Lead	--	9,532
Zinc	--	4,361

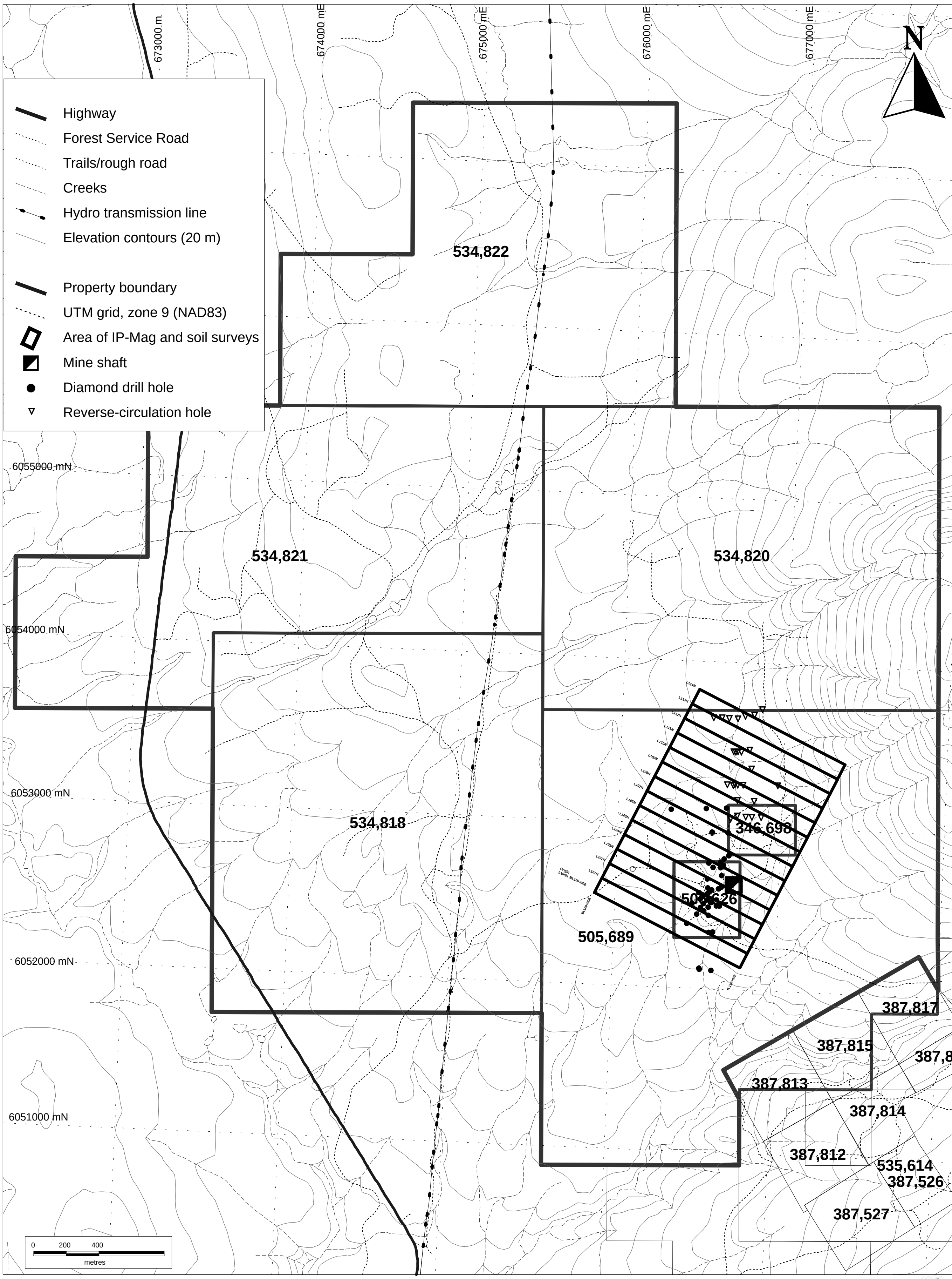

Figure 5-1. Plan map of the Topley-Richfield Property with the location of the historical drill collars, shaft and area covered by 2006 geophysical and soil survey.

6.0 GEOLOGICAL SETTING

6.1 Regional Geology

The Topley-Richfield Property is located in Intermontane Belt of British Columbia on the Stikine volcanic arc terrane. The terrane consists of the following groups (MacIntyre et al., 1987):

Hazelton Group (Early to Middle Jurassic):	andesitic volcanic and volcaniclastic rocks and related marine sedimentary rocks
Takla Group (Middle to Late Triassic):	augite basalt, andesite, and related marine sedimentary rocks
Asitka Group (Carboniferous to Permian):	island arc metavolcanic rocks and limestone

These rocks are best exposed in the Skeena Arch. The accretion of the Stikine terrane occurred in the Middle Jurassic. Post-accretionary rocks overlying the Stikine terrane (and the Skeena arch) include the Late Jurassic Bowser Lake and the Early Cretaceous Skeena Groups (fluvial and deltaic sedimentary rocks) in the northwest, the Late Cretaceous to Early Eocene Kasalka Group (porphyritic andesite, basalt, rhyolite and related pyroclastic rocks) and the Bulkley plutonic suite in the west. In the Babine Lake area, the Early Eocene Newman Formation (porphyritic andesite flows) overlies the terrane and the Babine Lake suite plutons intrude it. In the south, the Nanika plutonic suite intruded the terrane.

The Hazelton Group hosts the Topley-Richfield Property. The Hazelton Group is subdivided into three formations (MacIntyre et al., 1987):

Smithers Formation:	sandstone, siltstone, felsic tuff
Nilkitkwa Formation:	(a) red epiclastics and amygdaloidal flows (b) rhyolitic volcanic rocks (c) conglomerate, tuff, siltstone (d) argillite, chert limestone
Saddle Hill Formation:	(a) pyroxene basalt flows (b) basaltic tuff (c) tuffaceous sandstone (d) ash flow tuff
Telkwa Formation:	(a) polymictic conglomerate (b) porphyritic andesite (c) fragmental volcanic rocks (d) phyllitic maroon tuff

The Nilkitkwa Formation hosts several types of mineralization, including mesothermal Au-Ag veins, Cu-Zn-Ag massive sulphide and porphyry deposits.

Structurally, the area is part of basin-and-range type horst and graben structures. Westward imbricate faulting marks terrane boundaries and is offset by complex Late Cretaceous to Eocene high-angle faults. In addition, broad open folds occur in the area.

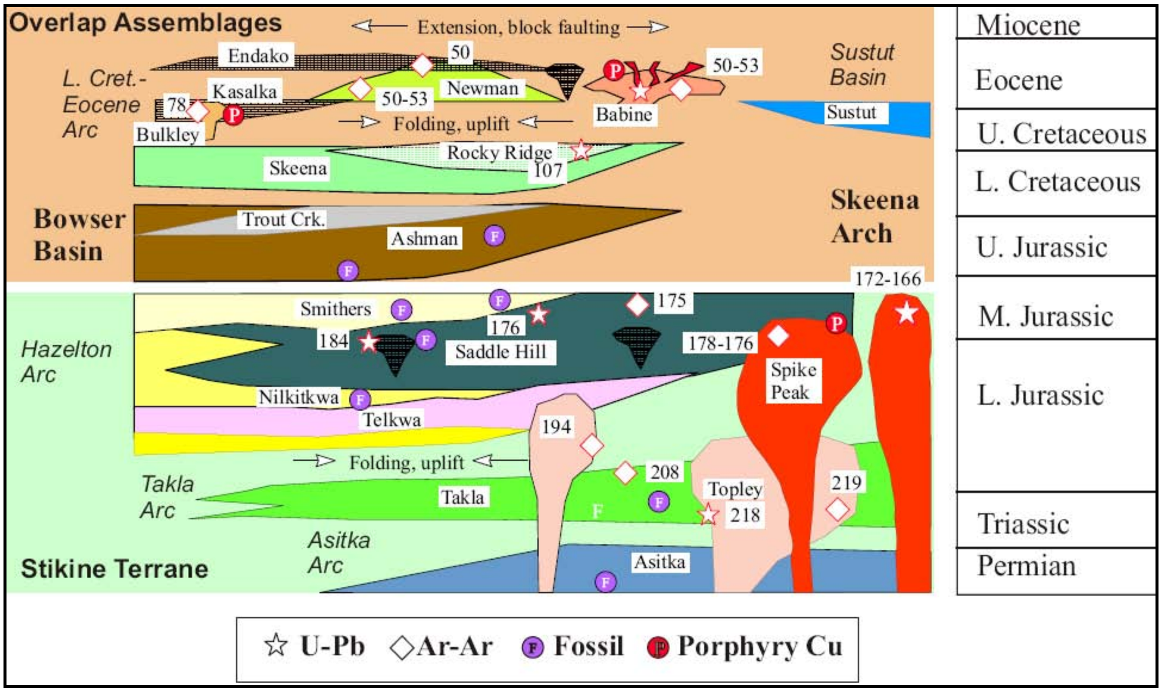

Figure 6-1. Schematic representation of geological units in the Skeena Arch (MacIntyre, 2006).

6.2 Property Geology

The Property is characterized by ~20 to 50 m overburden comprising glacial till and soil as shown by drill core data (except in Findlay Creek valley and west slope of Mt Tachek; MacLeod, 1988). A schematic geological plan map showing the Property geology is provided in Figure 6-2. MacLeod (1988) describes the dominant rock types based on drill core data and the few outcrops (from top to bottom):

1. epiclastic rocks
2. “ultramafic tuff”(?): pale to light green matrix with pyroxene porphyroclasts
3. argillite: interbedded with the volcanic rocks
4. fragmental andesitic volcanic:
   lapilli tuff, lithic and feldspar tuff, dark to pale green
5. massive andesite:
   fine-grained, dark green, locally fragmental, feldspar and hornblende-phyric, locally altered to quartz-biotite-magnetite, locally altered to epidote-chlorite-quartz-carbonate

The lower three units are interpreted to belong to the upper Telkwa Formation and the upper two units are part of the Nilkitkwa Formation. All rocks were intruded by the Late Triassic/Early Jurassic Topley intrusive suite (MacIntyre, 2001) but no outcrops or drill core intersections of intrusive rocks have been reported from the current claims; one outcrop was reported from the area immediately to the north (Depaoli, 1975). Abundant float boulders, comprising intrusive rocks that possibly belong to the Topley Intrusive Suite, were observed on the Property during the current phase of exploration.

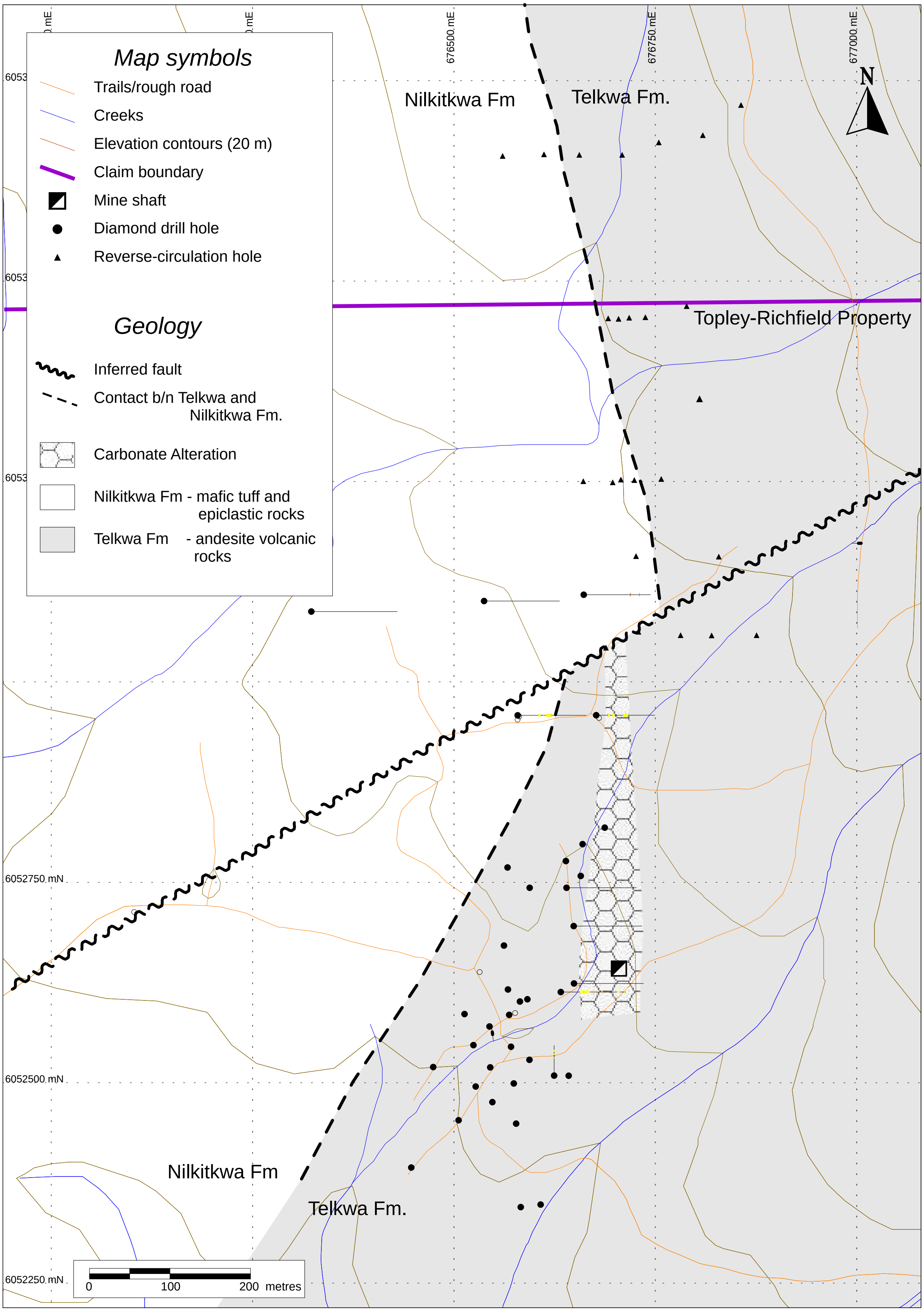

Figure 6-2. Topley-Richfield Property geology map, largely inferred from drill hole data (*modified after McLeod, 1987*).

Hydrothermal quartz-sericite-carbonate (calcite, dolomite, ankerite) alteration is reported to occur in two zones roughly at the contact between the Nilkitkwa and the Telkwa formations, and the mineralization is hosted by these altered rocks. The altered rocks were referred to as “Topleyite” in previous descriptions of the Property. The protolith of the “Topleyite” is unknown. Argillites are reported to occur in the altered zone, but they are less altered than the andesitic volcanic rock. However, the argillites are silicified and mineralization is typically strongly expressed in these units. Breccias are reported to occur in the altered zones, but they could be fragmental volcanic rocks rather than true hydrothermal breccias.

The above description of rocks from the Topley-Richfield Property is from MacLeod (1988), who’s interpretations are based on drill core logging. CCIC could not verify whether the rock types were identified correctly. Logging strongly altered rocks without aid by, for example, a portable infrared mineral analyzer (PIMA), is exceedingly difficult which should be taken into account when defining a geological model.

The strata of the Hazelton Group in the area of the Property strike north and dip 45º-55º toward the west. According to MacLeod (1988), it is uncertain whether the mineralization is controlled by a significant fault or shear zone. No shear zone is reported from the Telkwa-Nilkitkwa contact. Post-mineral faulting was inferred from drilling and faults trend west to southwest. MacLeod (1988) reports a 100 metre dextral offset along local grid coordinate 5350N (~UTM coordinate 6053000mN).

7.0 DEPOSIT TYPES

The area of the Skeena Arch is one of the best mineralized areas of British Columbia (MacIntyre, 2006). It hosts a plethora of deposit types including polymetallic base- and precious metal veins, porphyry, epithermal and skarn deposits, and sedimentary exhalative (SEDEX) and VMS deposit types.

The Property has previously been classified as a VMS deposit because of the apparent stratabound nature of the mineralized zone (e.g., Whiting, 1981). However, the Property also has affinities to epithermal deposits and the reported conformable nature of the mineralized zone could be due to the development of preferred mineralization along zones of structural weakness. The most common deposit types in the area are porphyry deposits, polymetallic base metal veins and the subvolcanic Cu-Ag-Au (As-Sb) deposit type (L01). These and other deposit types are described by the British Columbia Mineral Deposit Profiles (www.em.gov.bc.ca/mining/Geolsurv/MetallicMinerals/MineralDepositProfiles/).

Table 7-1. Examples of mineral deposits in the Topley-Richfield area, Omineca Mining Division, B.C.

Deposit	Deposit Type	Production			
		Ag	Au	Cu	Mo
Equity Silver	Subvolcanic Cu-Ag-Au (As-Sb)	2,219.5 t	15.8 t	84,086 t	--
Dome Mountain	Polymetallic veins, intrusion related Au-veins	591 g	374 g		--
Bell	Porphyry Cu-Mo	38.3 t	12.9 t	304,796 t	--
Granisle	Porphyry Cu-Mo-Au	69.8 t	6.8 t	214,299 t	--
Endako*	Porphyry Mo				210,299 t
Huckleberry*	Porphyry Cu-Mo-Au	26.0 t	925 kg	279,976 t	--

*currently in operation

Examples of past producers in the area include Dome Mountain, located about 30 km northwest of the Property. Mineralization in the Dome Mountain is also hosted by the Nilkitkwa Formation of the Hazelton Group and consists of quartz veins containing galena, arsenopyrite, pyrite and sphalerite with sericite-carbonate-fuchsite alteration (MINFILE 093L022). The Equity Silver Mine, B.C.'s largest silver producer, is located ~40 km south of Topley. Mineralization is stratiform, consists of pyrite, chalcopyrite, pyrrhotite and galena (±galena, sphalerite) with advanced argillic alteration, and is of the subvolcanic Cu-Ag-Au type.

8.0 MINERALIZATION

According to previous reports based on drill core information (e.g., MacLeod, 1988) the mineralization occurs in two distinct, strongly altered, "approximately stratabound layers" at the contact of the Telkwa and the Nilkitkwa Formations of the Hazelton Group. The mine stratigraphy is as follows (from top to bottom):

1. Hanging wall volcanic rocks
2. Upper alteration zone
3. Middle volcanic rocks
4. Lower alteration zone
5. Footwall massive andesite

The lower alteration zone hosts the "D" lens of mineralization (top part of lower alteration zone). The D lens is reported to correspond to a bed of altered argillite. The lower alteration zone is overlain by the "middle volcanics" consisting of variably altered volcanic rocks. This zone is followed by the "upper alteration zone" that hosts the second ore layer ("B/C zone"). The top layer consists of unaltered hanging wall volcanic rocks with abundant carbonate veinlets. The mineralized layers strike north-northwest and dip toward the west.

The mineralization consists of narrow veinlets and silicified zones with disseminated pyrite, chalcopyrite and traces of molybdenite as fine vein selvages. MacLeod (1988) describes the quartz veinlets as discordant. In addition, pyrite, sphalerite, galena and arsenopyrite occur as disseminated in thin layers of "argillites" and in veins of milky quartz.

The underground workings appear to have intersected an up-dip portion of the B/C lens as defined by drilling. The old workings consist of two levels, the 100-ft level and the 200-ft level. Two distinct veins were mapped on plans of the old underground workings: (1) the "As-Rich Vein" occurs in the eastern part of the workings; and, (2) the "Contact Vein" occurs in the western part. Gold and silver concentrations for 60 samples from the underground workings are listed in Table 8-1. The length weighted average grade is 4.9 g/t Au and 285 g/t Ag.

3D analysis of previous drill core data indicates that the ore layers may not be continuous and a third, thin ore layer may exist. According to this analysis, the approximate dimensions of the B/C lens are 200 m × 130 m with a thickness of 10-20 m and depths of 40-180 m. The D lens is 200 × 100 with an approximate thickness of 5-15 m and a depth range of 70-250 m. Within these dimensions, the mineralization is continuous.

The alteration is intense and is reported to consist dominantly of quartz, carbonate (ankerite, dolomite, calcite) and clay. Rocks altered to quartz-carbonate-clay were called "Topleyite" previously. These rocks are buff in color and the protolith is unknown (MacLeod, 1988) although some suggest the protolith may have been a felsic tuff (e.g., Carter, 1999). Argillite appears to be less altered than the volcanic rocks although they host mineralization. In addition to the quartz-carbonate-clay alteration, epidote, biotite and magnetite are described from drill holes. The mineralization is tentatively inferred to be coeval with the Late Triassic/Early Jurassic Topley Intrusive Suite.

Table 8-1. Gold and silver values for 60 historic grab samples from the underground workings.

Sample	Width (m)	Au (g/t)	Ag (g/t)	Sample	Width (m)	Au (g/t)	Ag (g/t)
1	0.9	0.16	21.77	31	1.2	2.49	80.87
2	0.6	0.00	3.11	32	1.14	4.35	320.37
3	0.36	0.00	9.33	33	0.84	3.11	351.47
4	0.42	0.16	31.10	34	0.6	4.67	124.41
5	2.1	0.00	15.55	35	0.3	3.42	158.63
6	0.9	0.47	49.77	36	0.54	0.93	158.63
7	1.2	1.87	18.66	**37**	**0.39**	**7.46**	**1446.31**
8	**1.11**	**8.71**	**189.73**	**38**	**0.54**	**5.29**	**164.85**
9	1.44	2.80	62.21	**39**	**1.29**	**10.58**	**1041.97**
10	**1.71**	**5.60**	**46.66**	**40**	**1.56**	**7.78**	**727.82**
11	1.8	2.18	24.88	41	0.3	3.73	136.86
12	1.5	3.11	87.09	42	0.81	2.80	99.53
13	0.6	0.31	18.66	43	0.75	0.00	21.77
14	0.78	0.31	12.44	44	0.84	0.16	3.11
15	**0.9**	**9.33**	**118.19**	**45**	**0.15**	**16.48**	**105.75**
16	1.44	3.73	223.95	46	0.72	2.80	11.82
17	**1.32**	**6.22**	**223.95**	**47**	**0.3**	**7.46**	**186.62**
18	**0.45**	**8.71**	**292.37**	**48**	**0.6**	**5.60**	**46.66**
19	0.39	4.35	161.74	**49**	**0.3**	**5.60**	**65.32**
20	**0.45**	**6.22**	**534.98**	**50**	**0.78**	**9.95**	**270.60**
21	0.36	3.11	230.17	51	1.14	1.24	52.88
22	0.6	3.42	326.59	52	0.96	1.24	3.11
23	1.5	0.93	279.93	53	1.02	0.16	34.21
24	1.35	4.98	556.75	**54**	**0.00**	**10.58**	**211.50**
25	2.4	3.42	267.49	55	0.9	4.98	124.41
26	2.1	0.31	34.21	**56**	**0.75**	**8.09**	**335.92**
27	0.75	4.35	818.02	57	1.05	0.62	77.76
28	0.81	3.73	71.54	**58**	**0.75**	**13.69**	**3010.82**
29	0.6	1.56	34.21	**59**	**0.9**	**15.55**	**594.08**
30	1.2	0.31	6.22	**60**	**0.6**	**13.69**	**681.17**

9.0 EXPLORATION

9.1 Exploration Programme

The 2006 exploration programme primarily focused in the vicinity of the old underground workings within the Topley-Richfield Property. The 2006 exploration programme on the Property which began on August 24th, 2006 with a two day site visit, was implemented and managed by CCIC. The main portion of the 2006 field programme, including line cutting, soil sampling, prospecting and geophysical surveying, began on September 18th, 2006 and ended on October 12th, 2006. Prior to the commencement of field work, a GIS and 3D compilation of historical data and drill core information was completed by CCIC. A summary of the exploration activities is as follows:

1. Property visit by Stephen Wetherup (P.Geo.) and Iain Kelso (P.Geo.), to evaluate the conditions of the underground workings, drill core remaining on site and outcrop and road conditions, prior to commencement of the field programme.

2. Ground geophysical surveys consisting of 15 km of IP and Mag, to explore for ore bodies using modern techniques, to characterize the geophysical signature of known mineralization and to aid in geological mapping of the Property.

3. Rock sampling of surface waste piles and one outcrop (4 samples collected for assay as part of due diligence sampling).

4. Soil sampling along the exploration grid (232 samples collected for analyses).

9.2 Geophysical Surveys

An IP and Mag survey was conducted on the Property in October 2006 by Scott Geophysics Inc. The results of the geophysical survey are shown in Appendix 2.

The magnetometer survey shows a curvilinear magnetic low in the area of the known mineralization (Appendix 2). This low may be due to magnetite destructive alteration in the vicinity of the mineralization and its curvilinear shape appears to be haloing a magnetic circular high which may represent a buried intrusion. This magnetic low extends beyond the know mineralization eastward and south-westward for at least 1 km, indicating the potential for mineralization to occur in these areas.

Also, coincident with the known zones of mineralization, is a resistivity low (or conductivity high) in the IP data. This zone of low resistivity continues north and south of the area of the underground development beyond the area of the geophysical survey, with a possible right lateral offset around grid line L10900N. This north-south trend mimics the trend of the mineralization as defined by previous drilling on the Property and extends beyond the area encompassed by historic drilling.

A second trend of resistivity low coincides with the curvilinear zone of low magnetic susceptibility as discussed above. Both trends of low resistivity indicate a potential for Au-Ag-Cu-Pb-Zn mineralization to extend beyond the areas of previous drill testing and into areas completely obscured by glacial overburden.

There does not appear to be any significant chargeability contrast in the bedrock over the grid area.

9.3 Soil Sampling

Geochemical soil sampling is an exploration method which had not been attempted by previous workers on the Property. An orientation geochemical soil sampling programme was conducted over the areas known to contain mineralization, and beyond by several hundreds of metres to characterize the geochemical signature of the mineralization in the soils. The overburden on the Property is dominantly glacial basal till, so an element of glacial dispersion will occur down-ice (east to east-northeast).

Soil sampling was conducted along the exploration grid lines with "B-horizon" soil samples collected every 50 metres along ten grid lines from L100N to L110N. A total of 232 samples were collected and submitted for 37 element ICP-MS analysis. Soil sample plan maps and assay certificates are provided in Appendices 3 and 4, respectively.

Table 9-1 provides a statistical summary of selected elements from the geochemical analyses of the 232 soil samples collected during the 2006 exploration programme on the Topley-Richfield Property. The elements chosen represent the economically significant metals present in the mineralized zones and other metals associated with the mineralization. Background levels (<75th percentile) of all the metals analysed are generally low. However, silver, zinc, and mercury and to a lesser extent copper and arsenic analyses display a high standard deviation within the soils suggesting there are statistically anomalous values within the data. Bubble plots of these metals demonstrates quite clearly that anomalous silver, zinc, mercury, arsenic and copper values in the soil are closely spatially associated (Appendix 3).

Silver, zinc, arsenic and mercury are highly anomalous in the vicinity of the historical shaft and that this multi-element soil anomaly has a roughly northeast to southwest trend. Plotted on the soil bubble plan maps are the inferred positions of the Telkwa-Nilkitkwa contact and a fault as determined (and revised) by the resistivity geophysical results. The inferred fault orientation parallels the orientation of the northeast-southwest trend of the soil anomaly in the area of the shaft but is offset by approximately 150 metres to the northwest. This suggests that the mineralization may be oriented parallel to fault structures rather than parallel to bedding as previously thought.

A weakly defined linear array of anomalous soil geochemical results follow the trace of the inferred fault further emphasizing the possibility that mineralization is oriented parallel to late faults rather than parallel to stratigraphy.

In the northwest corner of the soil survey area another multi-element soil anomaly occurs, which is weaker than the anomaly in the shaft area and where most of the historical drilling has occurred. Historical drilling shows that the glacial overburden in the area around the shaft is relatively thin and becomes progressively thicker with distance north and west. Hence, it is not surprising that the soil anomalies in the shaft area are more pronounced, and suggests that the northwest soil anomaly may be indicative of significant bedrock mineralization.

Overall, the geochemical soil survey conducted on the Topley-Richfield Property in 2006 has identified a suite of metals which are mobile in the soil and are indicative of bedrock mineralization at depth. This survey has also identified a second anomalous area which is completely covered by glacial overburden and has yet to be tested by historical drilling. As this orientation survey appears to have been successful at identifying bedrock mineralization additional soil sampling is advised.

Table 9-1. Summary of the statistical analysis for selected elements, geochemical soil survey.

Element	Min	Max	Mean	Std Dev	25 Percentile
Cu (ppm)	6.41	94.90	21.71	15.0	13.0
Pb (ppm)	1.21	110.45	7.91	7.7	5.7
Zn (ppm)	13.40	458.50	89.74	43.7	63.4
Ag (ppb)	19.00	1136.00	144.34	170.7	49.0
As (ppm)	2.00	130.80	8.48	11.1	4.9
Au (ppb)	0.00	36.10	1.33	2.8	0.5
Bi (ppm)	0.03	3.17	0.12	0.2	0.1
Hg (ppb)	9.00	588.00	40.38	50.6	19.0
Element	**50 Percentile**	**75 Percentile**	**90 Percentile**	**95 Percentile**	**98 Percentile**
Cu (ppm)	16.2	23.7	42.4	51.5	67.6
Pb (ppm)	6.5	7.9	10.6	12.2	18.0
Zn (ppm)	77.7	102.5	134.5	164.7	201.4
Ag (ppb)	75.5	150.5	407.3	484.2	652.8
As (ppm)	6.6	8.7	12.2	15.4	21.7
Au (ppb)	0.8	1.2	2.1	3.7	5.4
Bi (ppm)	0.1	0.1	0.2	0.2	0.3
Hg (ppb)	26.0	40.0	75.9	104.4	185.5

9.4 Due Diligence Site Visit

A site visit was completed on the Property on August 24th and 25th, 2006 by Iain Kelso, Technical Manager for CCIC. Very little outcrop occurs on the Property and there are no outcrops with "typical" mineralization. Three samples were taken directly from waste piles adjacent to the adit and shaft that accessed the underground workings, and one outcrop sample from about 100 m to the west. Analyses from these samples are presented in Table 9-2. Two of the samples from the waste piles returned significant Cu-Ag-Mo assay values of 1.13% Cu, 35.6 g/t Ag, and 0.09% Mo, and 0.75% Cu, 32.2 g/t Ag and 0.07% Mo.

Table 9-2. Summary of geochemical analyses from rock sampling on the Topley-Richfield Property.

Sample No.	Area	Au* ppm	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Bi ppm	W ppm
895	Waste pile	0.05	692.4	7558.1	173.0	355	32.2	927.4	53.7	222.0	5.1
896	Waste pile	0.06	891.1	11320.0	186.3	481	35.6	1705.8	137.4	314.7	4.6
897	100 m W	0.02	8.0	101.5	13.8	144	0.5	27.9	1.1	2.1	0.9
931	Waste pile	0.02	11.9	396.3	365.4	2162	4.9	22.3	5.7	23.8	>100

*gold by Fire Assay

The rock samples collected by Iain Kelso were packaged and taken directly to Acme Analytical Laboratories, in Vancouver. These samples were analyzed for 36 elements by aqua-regia digestion and ICP-MS analysis (package 1DX) and for gold by standard fire assay methods. Details of these two analytical techniques and the detection limits are provided in Appendix 4, along with the Assay Certificates.

10.0 MINERAL RESOURCE AND RESERVE ESTIMATES

There are no resource or reserve mineral estimates on the Property that are compliant with NI43-101 "Standards of Disclosure for Mineral Projects". Drill hole assay results from historical work have not been verified by CCIC and as such the current data is not acceptable for calculating

NI43-101 compliant reserves or resources. **Therefore, all resource or reserve estimates mentioned in the Report are historical in nature and these should not be relied upon.**

Several previous workers have reported resources for the Topley-Richfield Property based on this unverified data and are referenced in Section 6.0.

According to the British Columbia MINFILE production report, historical production at Topley-Richfield is 26,998 g Ag, 31 g Au, 9,532 kg Pb and 4,361 kg Zn (Table 5-2).

11.0 INTERPRETATION AND CONCLUSIONS

Geographically, the Topley-Richfield Property is well situated with excellent road access, a high-tension power line proximal to the Property and several operating and recently operating mines in the immediate area, with much of the support infrastructure within a few kilometres of the Property. It is also in an area with a moderate climate and allows for long exploration field seasons. Being an area with a mining history and even previous mining activity on the Property exploration and mine permitting should not be problematic.

CCIC completed an exploration programme that included establishing an exploration grid through line-cutting, IP and Mag geophysical surveys, soil sampling, reconnaissance prospecting and compilation and interpretation of all available historical data. Unfortunately, direct rock sampling and visual analysis of mineralized showings was not possible because of the lack of outcrop on the Property. A paucity of bedrock exposure has hampered previous workers as well, and presents an excellent opportunity to make new discoveries on the Property through the application of modern geophysical and geochemical exploration methods, combined with a detailed geological review of the historical data inclusive of 3D modelling and targeting.

An orientation geochemical soil survey over the area of most of the historical work has demonstrated the presence of a multi-element (Ag-Zn-Hg-As-Cu) soil anomaly as well as several additional soil anomalies that have yet to be drill tested. Further soil sampling is suggested to close the multi-element anomalies and attempt to identify more in areas without outcrop to the north and west.

Analysis of the 3-D model built from the historical drilling data, shows that a vast majority of the diamond drilling occurs in a 500 m x 500 m area around where the underground workings occur and that little work has tested the strike or depth extents of the stratabound mineralized zones. Continuity of the mineralized zones appears to be good and the sparse drilling outside of this 500 m x 500 m area indicates that mineralization extends down-dip and to the north and south along strike.

One of the most important interpretations from the data review is that the Au-Ag-Cu-Pb-Zn mineralization on the Property may not be a VMS style deposit as it has many of the alteration and mineralization features that are characteristic of epithermal vein systems. By broadening the scope of the geological and exploration model to include epithermal style mineralization, discordant mineralized and altered structures become valid exploration targets and may allow for discovery of additional mineralized zones on the Property.

IP and Mag data collected during the autumn 2006 work programme indicates that the zones of mineralization have a geophysical signature consisting of low magnetic susceptibility and low resistivity (high conductivity). Interestingly, the area underlain by low resistivity extends in a roughly north-south linear trend from the area tested by the underground workings which is parallel to bedding and also seems to show a second trend which extends westward. This westward trend of low resistivity also corresponds to the orientation of the magnetic low and appears to show that the mineralization may not only be parallel to bedding but also occur along a discordant structure. An epithermal model for the mineralization style allows one to consider discordant structures such as these as possible targets and suggests that the historical drilling which is generally directed eastward may not be a suitable orientation to intersect discordant mineralized structures.

Through systematic and diligent exploration, the Topley-Richfield Property has excellent potential for further discovery, both in expanding the extents of the known zones of mineralization and finding additional discordant zones of mineralization.

12.0 RECOMMENDATIONS

12.1 Phase I

As part of the Phase I programme, the previous drill data should be verified by drilling confirmatory drill holes and by reclaiming as much of the remnants of the old core stored on site. It is recommended that at least 10% of the historic core be re-sampled to verify the previous results, which would hopefully then be useable in future resource modelling. As discussed in Section 18.0, the zones of mineralization previously drill-tested, have not been closed off by drilling down-dip or along strike to the north and south. From the current data there are several drill targets to be tested with the primary objectives to:

1. determine the extent of the known mineralized zones both down-dip and along strike;
2. test the magnetic low feature and the low resistivity trends; and,
3. determine if there is a left lateral offset to the mineralization toward the north.

With little outcrop on the Topley-Richfield Property, additional soil sampling is recommended in order to close off the identified soil anomalies and attempt to find new zones of mineralization. In order to complete this, it is recommended that the area of the current grid be expanded to the north and west, for about 1-2 km in both directions. Expanding the scope of the IP survey from 2006 to cover the areas sampled by the soil survey may also be contemplated as the IP data appears to identify major lithological boundaries and faults which may be associated with mineralization. In addition to targeting the main vein of mineralization on the Property, the Phase I drilling programme should also consider the interpretation of historic drill hole data and the recently completed geophysical and geochemical surveys. The database and 3D modelling completed by CCIC can also be utilized in the final planning of the Phase I drill programme.

CCIC recommends an initial drilling programme of at least 1,500 m to confirm mineralization from historic drilling, to assess the potential for strike and down-dip extensions of mineralization and to investigate the geophysical and soil geochemical anomalies.

12.2Phase II

Pending positive results from Phase I exploration, it is suggested that an aggressive Phase II programme be initiated. This may include expanding the geophysical surveys and/or the geochemical soil sampling area, should either of these methods be deemed successful techniques in drill targeting. Drilling in this phase would likely concentrate on determining the limits of economic mineralization and increasing drill density to complete a NI43-101 compliant mineral resource estimate. It is estimated that a 5,000-7,000 m drilling programme would be required in Phase II, but again, this is contingent on the results from Phase I.

13.0 FALL 2006 EXPLORATION EXPENDITURES

The 2006 exploration programme cost approximately $106,392.98, as summarized in Table 13-1. The area of the 2006 exploration grid on the property is shown in Figure 5-1.

Table 13-1. Summary of exploration expenditures for 2006 programme.

Work Category/Contractor	Details	Dates	No. Units	Units	*Unit Cost	Amount
Accommodation, Food and Travel						
Enterprise Car Rental	Truck Rental	Sept 18 to Oct 4, 2006	17	days	$57.98	$985.73
Acc and Board (Various)	Elisabeth Ronacher	Sept 18 to Oct 4, 2006	17	days	$123.31	$2,096.25
Acc and Board (Various)	Sarah Johnston	Sept 18 to Oct 4, 2006	17	days	$123.31	$2,096.25
Air Canada	Airfare Sudbury to P.G.	Sept 18 and Oct 4, 2006	2	people	$1,440.90	$2,881.80
Line Cutting/GPS survey						
CJL Enterprises	4 line-cutters	Sept 20 to Sept 29, 2006	10	days	$1,611.57	$16,115.70
IP-Mag Geophysical Survey						
Scott Geophysics	Crew of 3	Oct 1 to Oct 12, 2006	15.125	km	$1,587.52	$24,011.24
Geophysical Crew Assistance						
CJL Enterprises	1 labourer	Oct 2 to Oct 11, 2006	10	days	$347.75	$3,477.50
CJL Enterprises	1 labourer	Oct 2 to Oct 11, 2006	10	days	$347.75	$3,477.50
Reconnaissance Geological Survey						
CCIC	Stephen Wetherup	Aug. 24 to Aug 26, 2006	2.5	days	$866.70	$2,166.75
CCIC	Iain Kelso	Aug. 24 to Aug 26, 2006	2.5	days	$866.70	$2,166.75
Rock Samples – assays						
Acme Labs			4	samples	$46.91	$187.64
Soil Sample Survey						
CCIC	Elisabeth Ronacher	Sept 18 to Oct 4, 2006	17	days	$663.00	$11,271.00
CCIC	Sarah Johnston	Sept 18 to Oct 4, 2006	17	days	$535.50	$9,103.50
CJL Enterprises	1 labourer	Sept 18 to 26, 2006	9	days	$331.06	$2,979.50
CJL Enterprises	1 labourer	Sept 18 to 26, 2006	9	days	$331.06	$2,979.50
Soil Samples – assays						
Acme Labs			232	samples	$23.85	$5,533.20
Data Interpretation and Report Writing						
CCIC	Stephen Wetherup	Nov. 10 to 19, 2006	10	days	$866.70	$8,667.00
Data, Reports and Maps						
Various	Printing, TRIM data, orthophotos					$1,490.00
Field Expenses and supplies						
Various	Soil bags, fuel, flagging tape etc.					$2,939.67
Courier/Shipping and Office						
Various	Sample shipping, shipping field supplies and field office rental					$1,766.50
					Total:	**$106,392.98**

*utilizes some average unit costs

14.0 STATEMENT OF AUTHORSHIP

This Report titled “Independent Technical Report, Topley-Richfield Polymetallic Property, British Columbia, Canada", and dated May 28th, 2007 was prepared and signed by the following authors:

"S. Wetherup"

____

Stephen Wetherup, B.Sc., P.Geo.
Dated May 28th, 2007
Abbotsford, British Columbia

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APPENDIX 1

CERTIFICATE OF AUTHOR

CARACLE CREEK INTERNATIONAL CONSULTING INC.

Stephen William Wetherup
34176 Cedar Avenue
Abbotsford, British Columbia, Canada, V2S 2W1
Telephone: 604-617-5955, Email: swetherup@cciconline.com

CERTIFICATE OF AUTHOR

I, Stephen William Wetherup of 34176 Cedar Avenue, Abbotsford, British Columbia, certify that:

1. I am a graduate of the University of Manitoba with a BSc. Honours in Geology, in 1995,
2. I have practiced my profession as an mineral exploration geologist with Fox Geological Services, Phelps Dodge Corp. of Canada and as a geological consultant, for 10 years, where I have been involved with the geological exploration of precious and base metal properties and deposits in a variety of capacities, including conducting site visits and evaluations,
3. I have been operating a business as a geological consultant under my own name since June, 2001, and under the name of Caracle Creek International Consulting Inc. since March 2004,
4. I am a member of the Society of Economic Geologists, Geological Association of Canada, and the Vancouver Mining Exploration Group,
5. I am a Professional Geoscientist registered with the Association of Professional Geoscientists and Engineers of British Columbia and have been for 5 years,
6. I am a "qualified person" under the definition for "qualified persons" set out by NI43-101,
7. I last visited the Topley-Richfield Property between August 24th and August 25th, 2006,
8. I am the author of this Report "Assessment Report: Topley-Richfield Polymetallic Property, Omineca Mining Division, British Columbia, Canada" (the "Report") and dated May 28th, 2007,
9. I have reviewed the geological data and am not aware of any material facts or change in facts at the time this certification is dated,
10. I have no monetary interest in the property nor do I own or expect to receive interest in NXA Inc.,
11. I have had no involvement with the NXA Inc. or with the Topley-Richfield Property previous to writing this report,
12. I have read the TSX Venture Exchange policy documents, National Instrument 43-101, Companion Policy 43-101CP, and Form 43-101F1 and the Report has been prepared in accordance to the standards set out by the aforementioned documents.

____________signed_____________
Stephen William Wetherup,
BSc., P.Geo.

Abbotsford, British Columbia
Dated this 28th Day of May, 2007

APPENDIX 2

GEOPHYSICAL REPORT

Maps and Sections

LOGISTICAL REPORT

INDUCED POLARIZATION AND MAGNETOMETER SURVEYS

TOPLEY PROPERTY, HOUSTON AREA, B.C.

on behalf of

CARACLE CREEK INTERNATIONAL CONSULTANTS
34176 Cedar Avenue
Abbotsford, B.C. V2S 2W1

Surveys performed: October 1 to 12, 2006

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

October 18, 2006

TABLE OF CONTENTS

Appendix

Accompanying Maps

Accompanying Data Files

1. INTRODUCTION

Induced polarization (IP) and magnetometer surveys were performed at the Topley Property, Houston Area, B.C., within the period October 1 to 12, 2006.

The surveys were performed by Scott Geophysics Ltd. on behalf of Caracle Creek International Consulting. This report describes the instrumentation and procedures, and presents the results of the surveys.

2. SURVEY COVERAGE AND PROCEDURES

A total of 15.125 km of IP and magnetometer survey were performed at the Topley Property. The pole dipole array was used for the IP survey with an "a" spacing of 25 metres and "n" separations of 1 to 5. The on line current electrode was located to the west of the potential electrodes on all survey lines.

The chargeability and resistivity results are presented on the accompanying pseudosections and contour plan maps. The magnetometer survey results are presented as profiles at the top of the pseudosections, and as data posting and stacked profile plans.

3. PERSONNEL

Brad Scott was the crew chief on the survey on behalf of Scott Geophysics Ltd. Stephen Wetherup was the representative on behalf of Caracle Creek International Consulting.

4. INSTRUMENTATION

A Scintrex IPR12 receiver and GDD TxII transmitter were used for the IP survey. Readings were taken in the time domain using a 2 second on/2 second off alternating square wave. The chargeability values plotted on the accompanying pseudosections and plan maps is for the interval 690 to 1050 msecs after shutoff. A Scintrex ENVI was used for the magnetometer survey. All data was corrected for diurnal drift with reference to a Scintrex ENVI base station cycling at 10 second intervals.

Respectfully Submitted,

Alan Scott, Geophysicist

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

I hereby certify the following statements regarding my qualifications and involvement in the program of work conducted on behalf of Caracle Creek International Consultants, at the Topley Property, Houston Area, B.C., and as presented in this report of October 18, 2006.

The work was performed by individuals sufficiently trained and qualified for its performance.

I have no material interest in the property under consideration in this report.

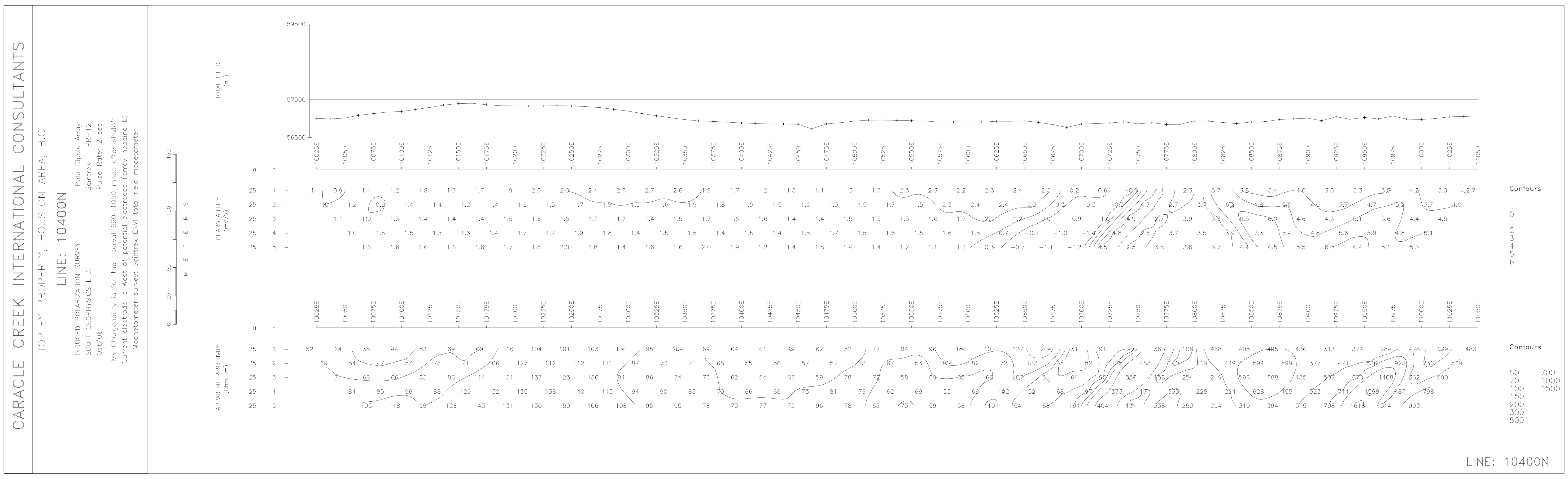
I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970 and with a Master of Business Administration in 1982.

I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

I have been practicing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

Respectfully submitted,

Alan Scott, P.Geo.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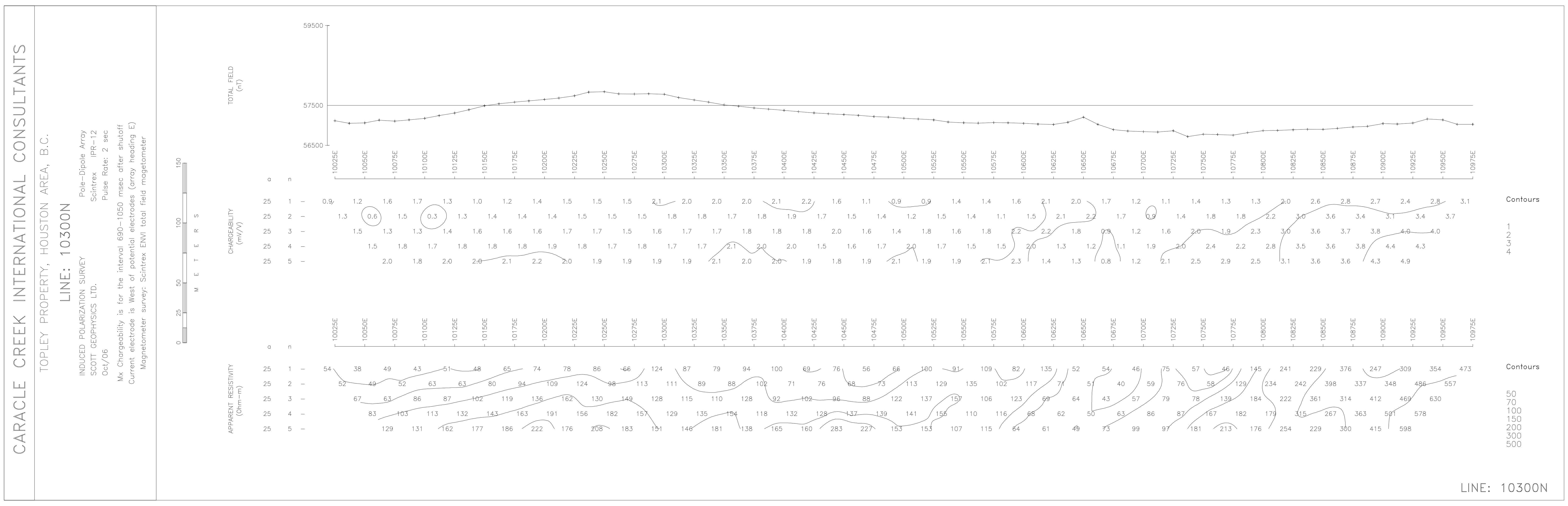
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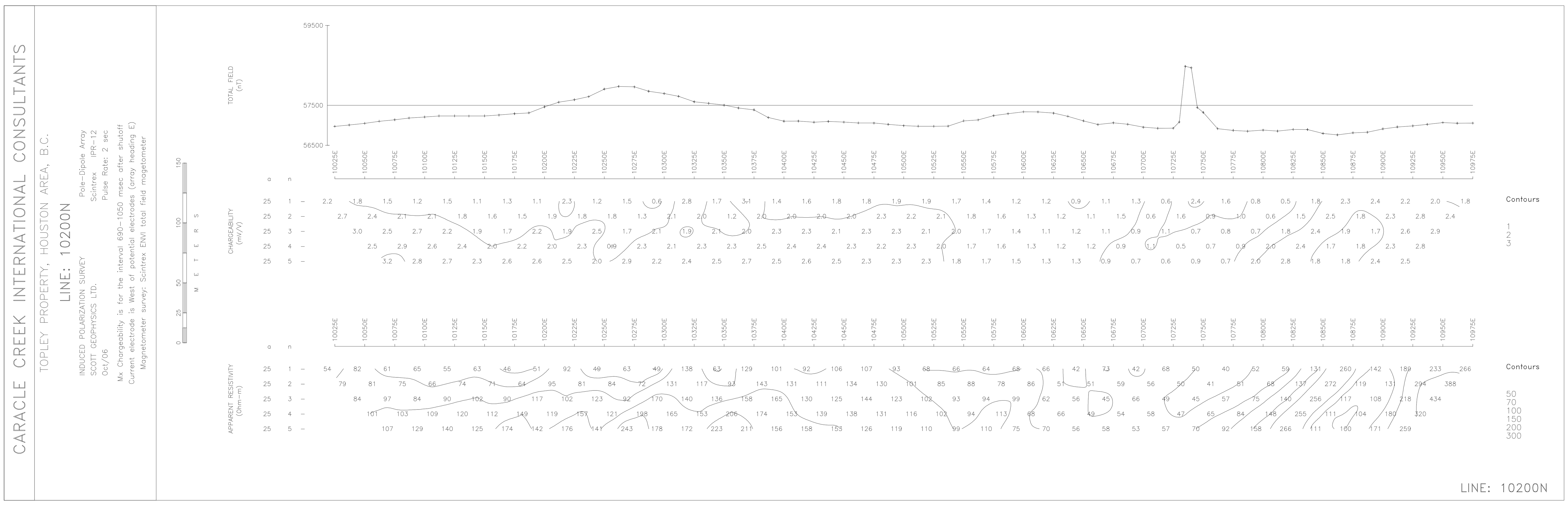
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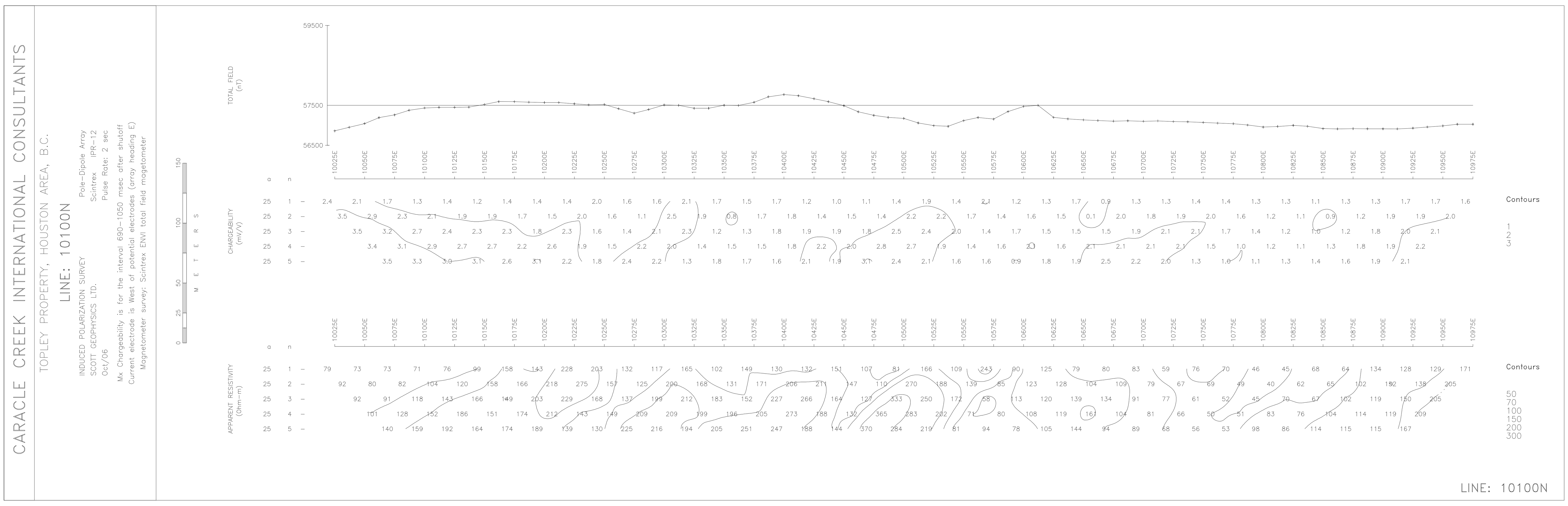
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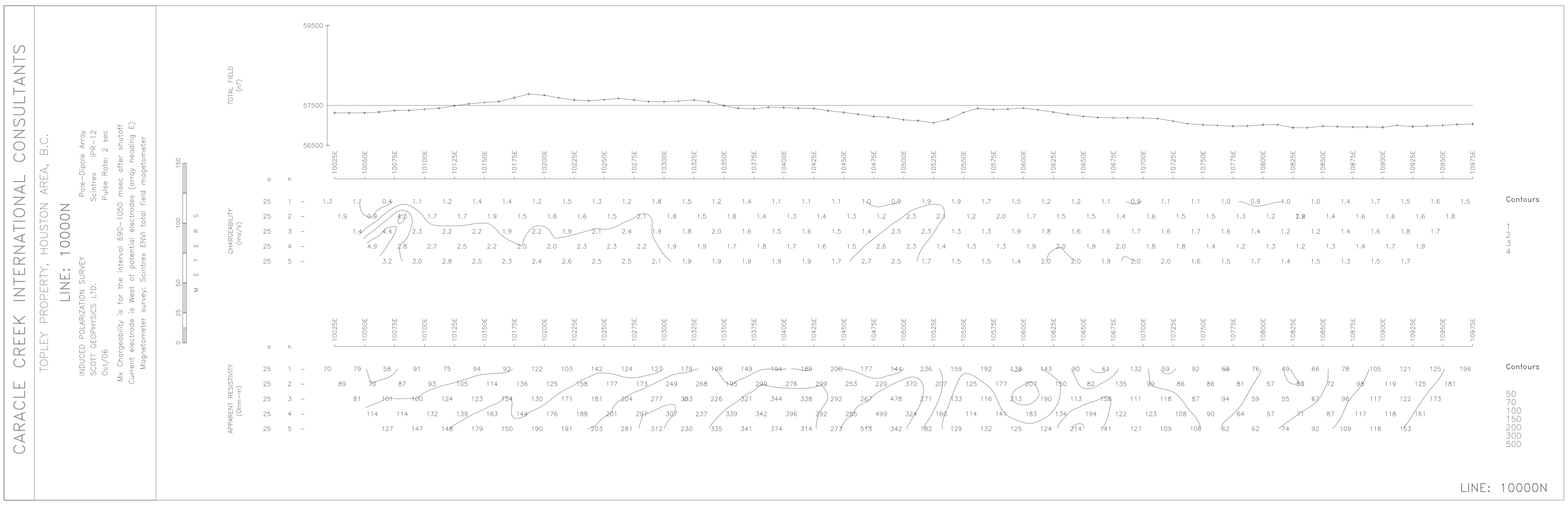
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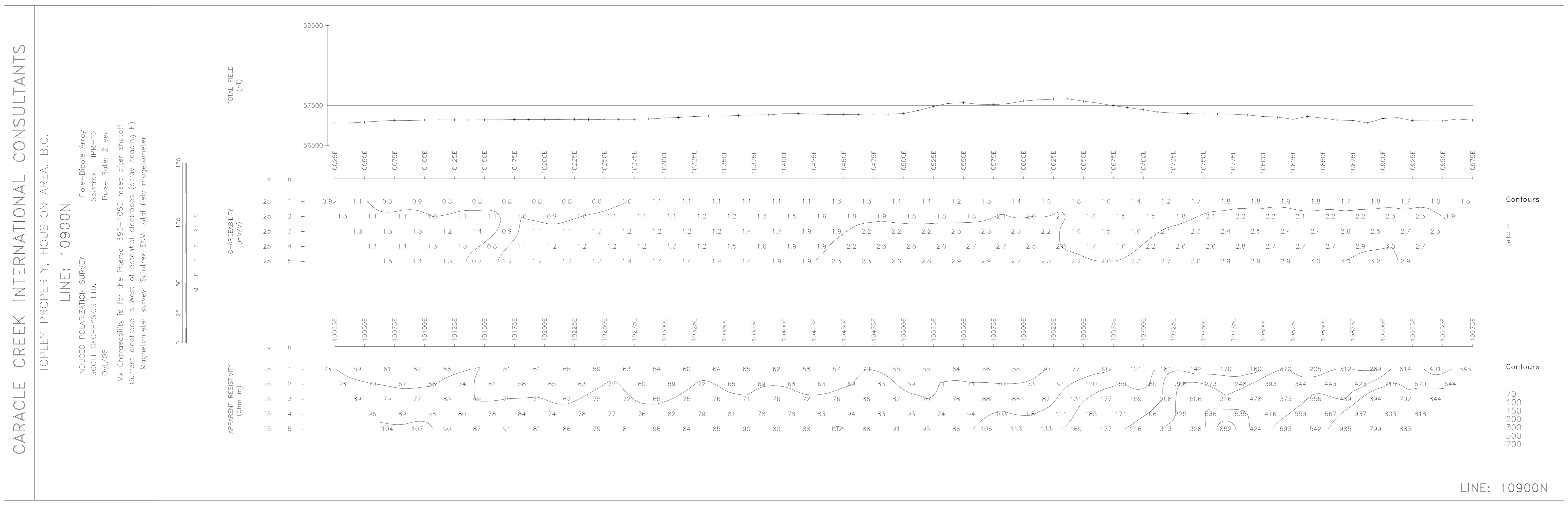
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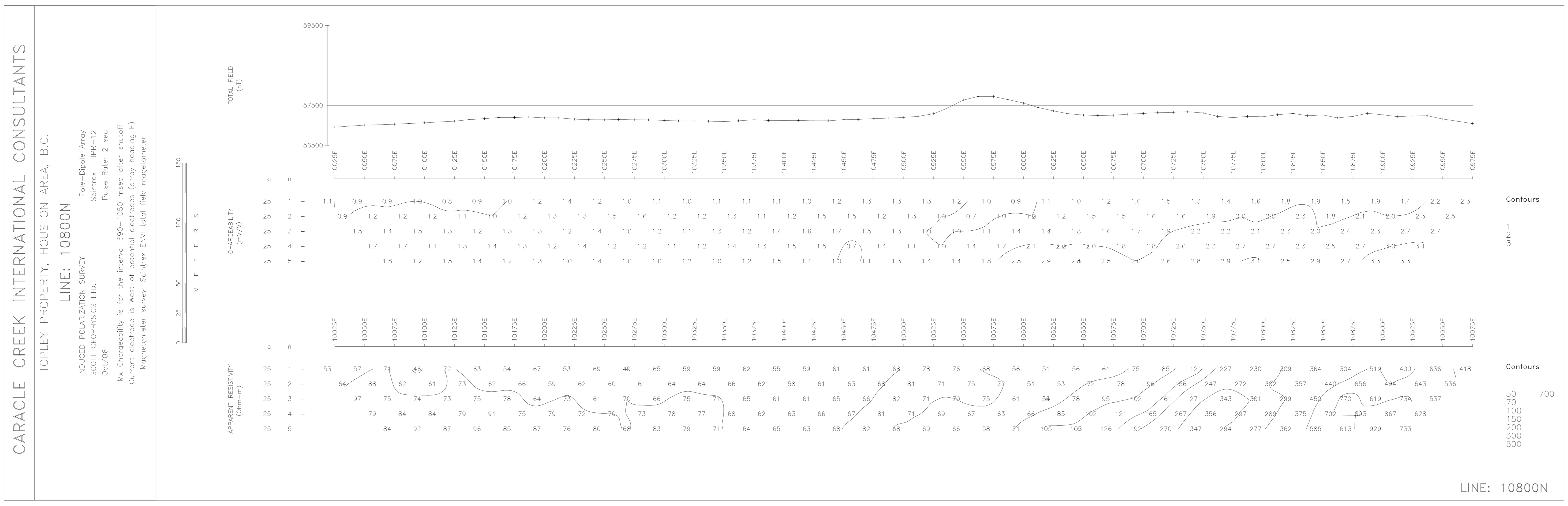
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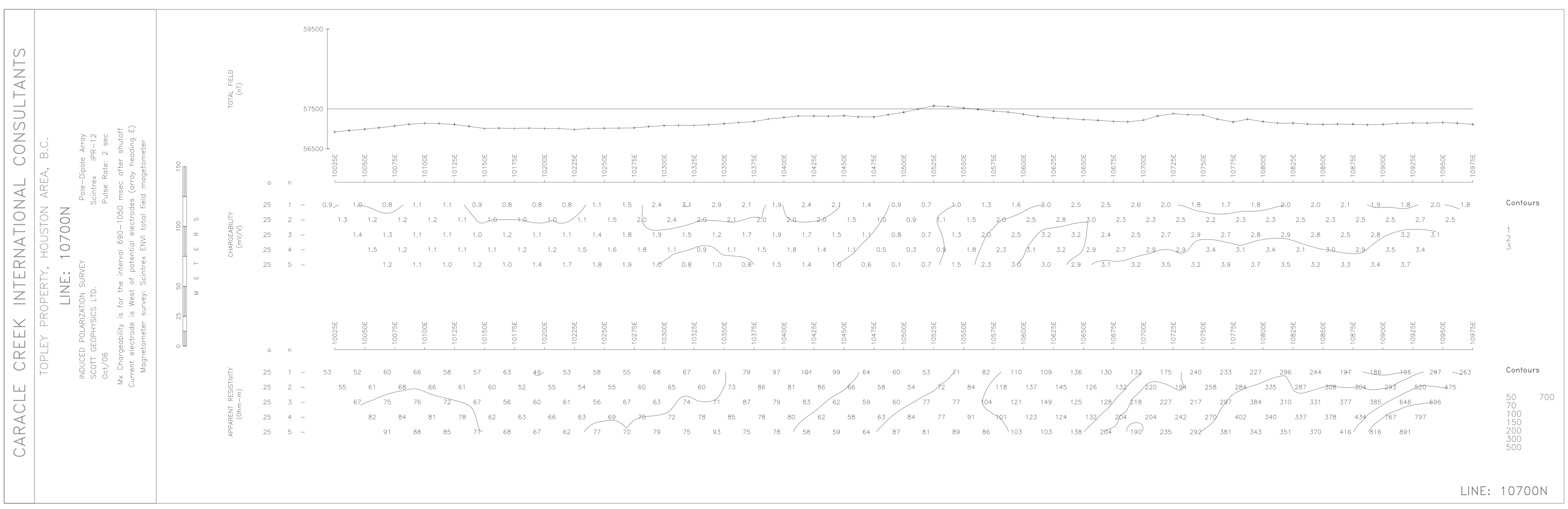
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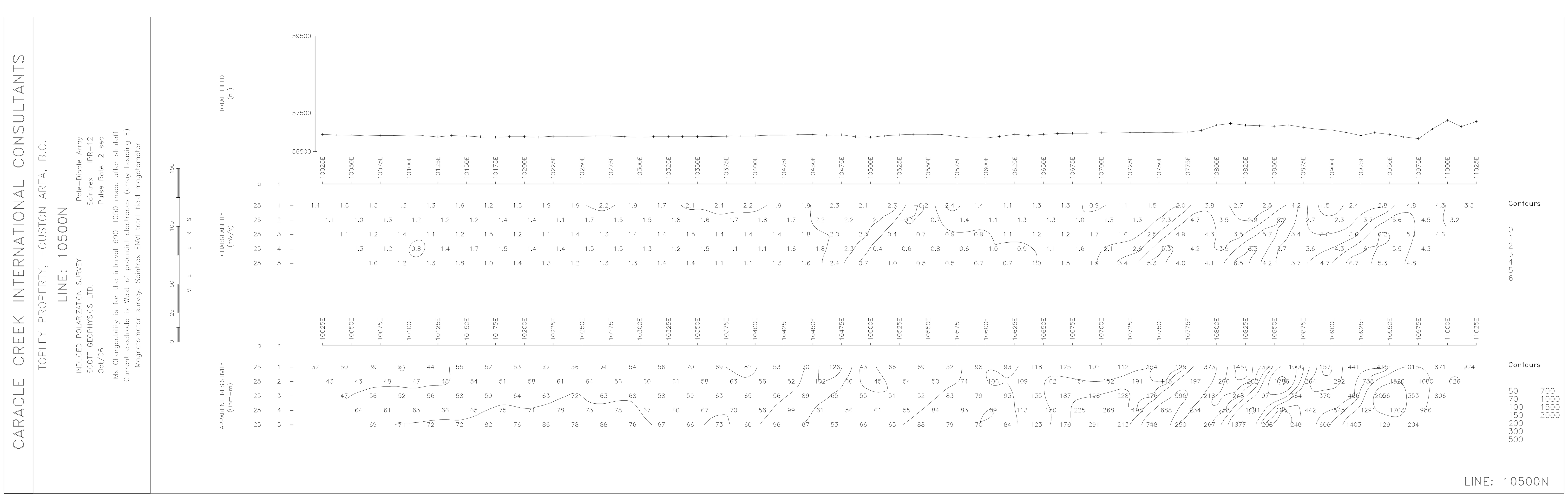
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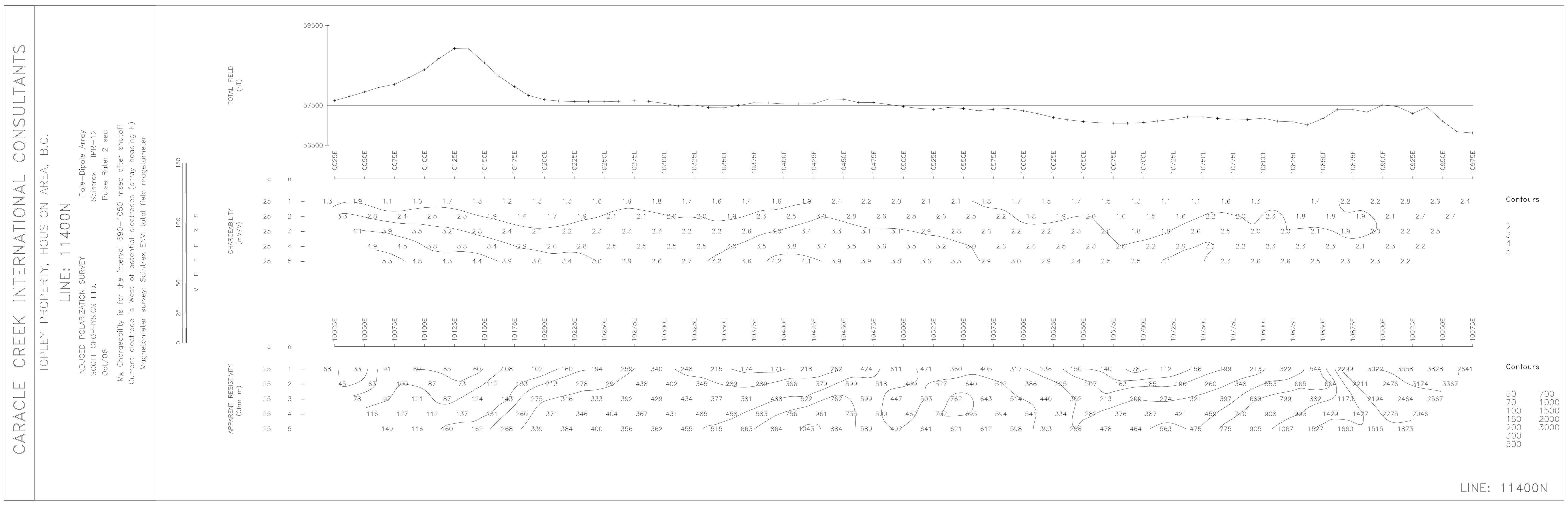
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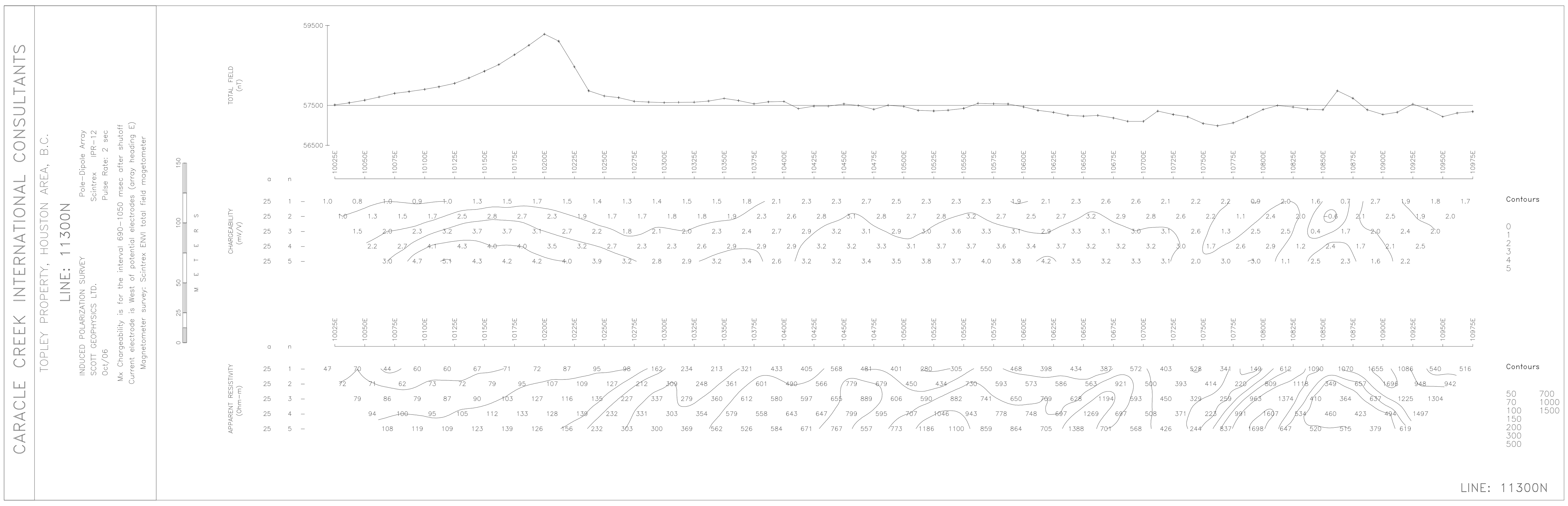
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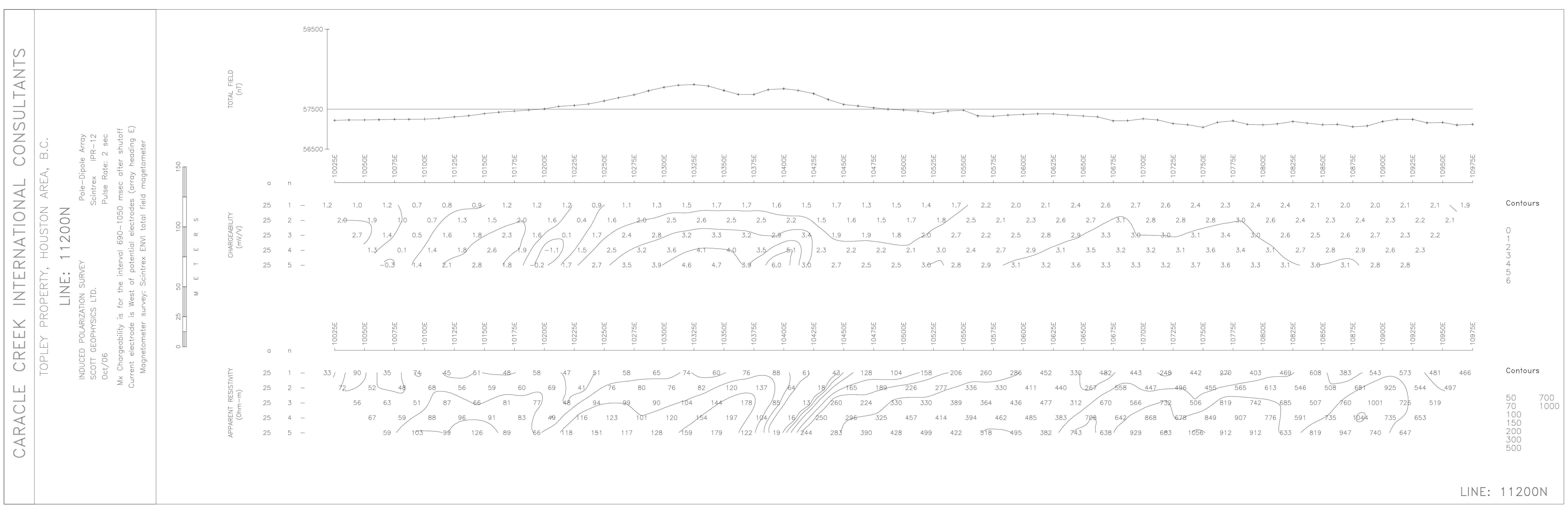
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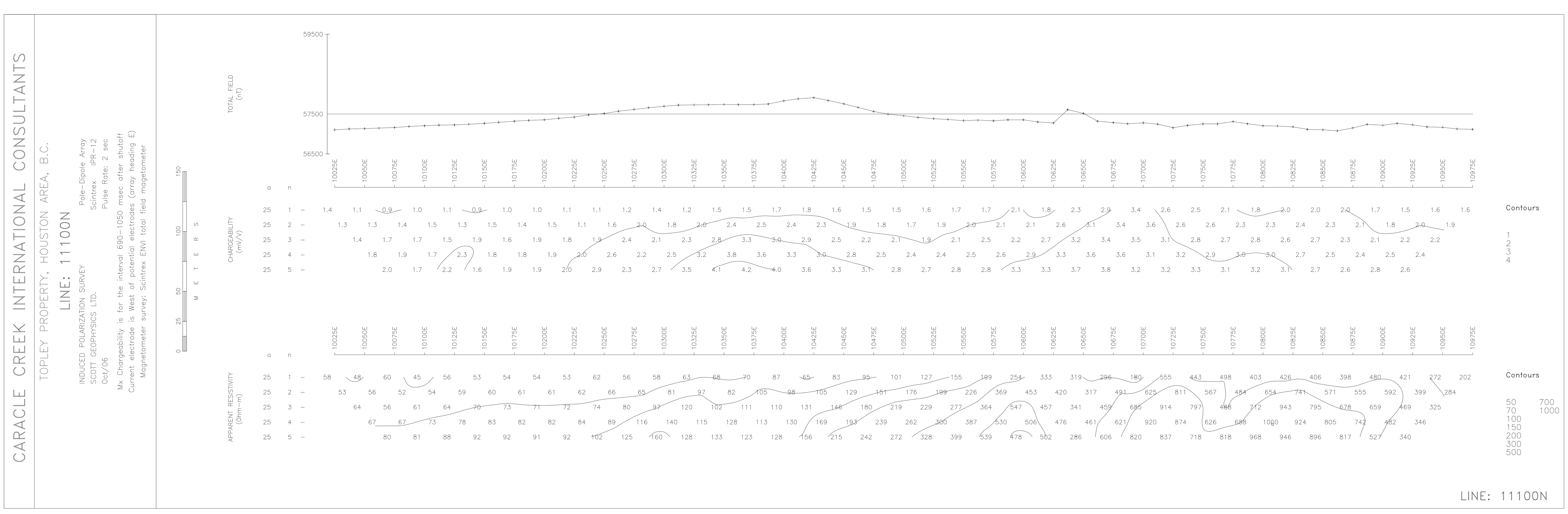
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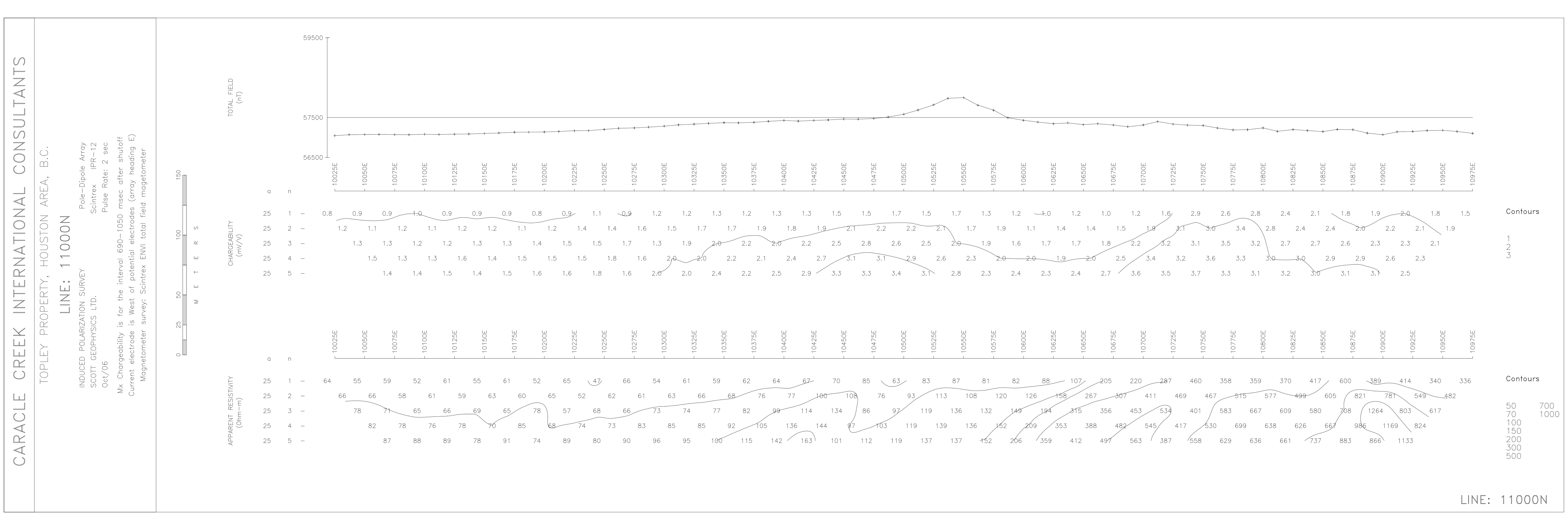
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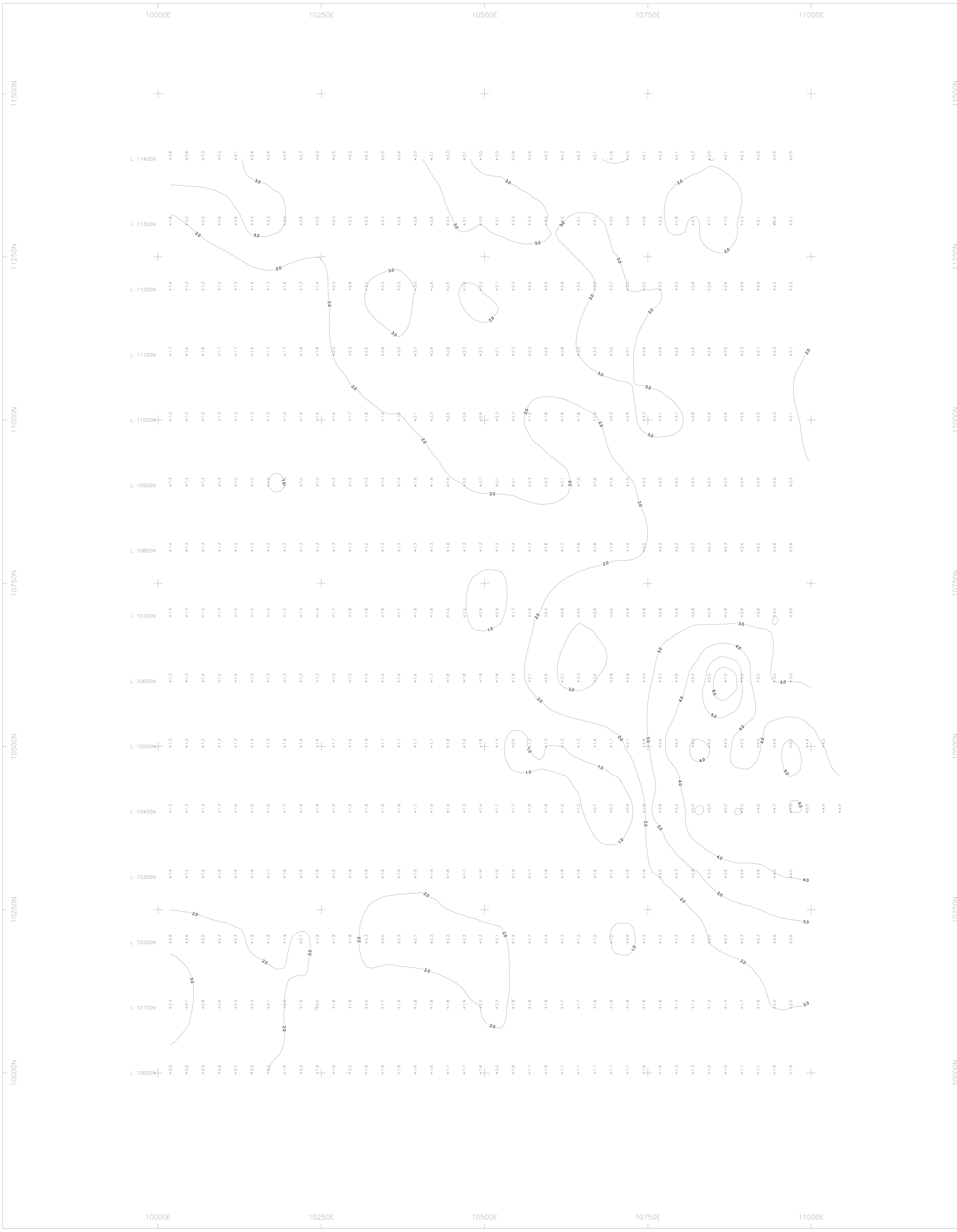
INDUCED POLARIZATION SURVEY
SCOTT GEOPHYSICS LTD.
Oct/06
Pole-Dipole Array
Scintrex IPR-12
Pulse Rate: 2 sec
Mx Chargeability is for the interval 690-1050 msec after shutoff
Current electrode is West of potential electrodes (array heading E)
Magnetometer survey: Scintrex ENVI total field magnetometer
METERS
TOTAL FIELD (nT)
CHARGEABILITY (mV/V)
APPARENT RESISTIVITY (Ohm-m)
Contours
LINE: 11000N



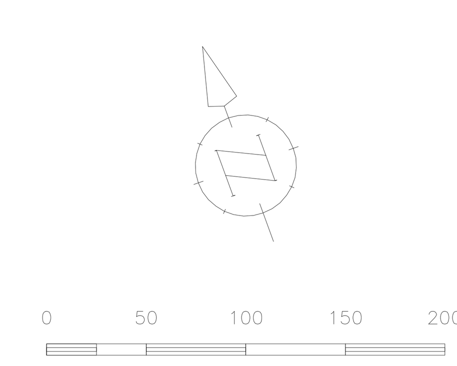
SURVEY SPECIFICATIONS

survey performed	October/06
receiver	Scintrex IPR12
transmitter	GDD TxII
pulse time	2 seconds
Mx receive window	690-1050 msecs
array	pole dipole
a spacing	25 metres
n separations	1, 2, 3, 4, 5
current electrode	W of potentials
Contoured value	Filtered chargeability
Filtered values	n = 1 to 5

Contour intervals:
0, 1, 2, 3, 4, 5, 6, 8, 10, 15,
20, 30, 40, 50, 60 (mV/Volt)

Note: The filter applied to this data is the standard Fraser triangular filter whereby one value is selected at n=1, two values at n=2, three values at n=3, etc. The plotted value is the average of the average values of the n separations and is plotted at the n=1 data point.

Station ticks are at the n=1 plotting point



CARACLE CREEK INT'L CONSULTING

TOPLEY PROPERTY

HOUSTON AREA, B.C.

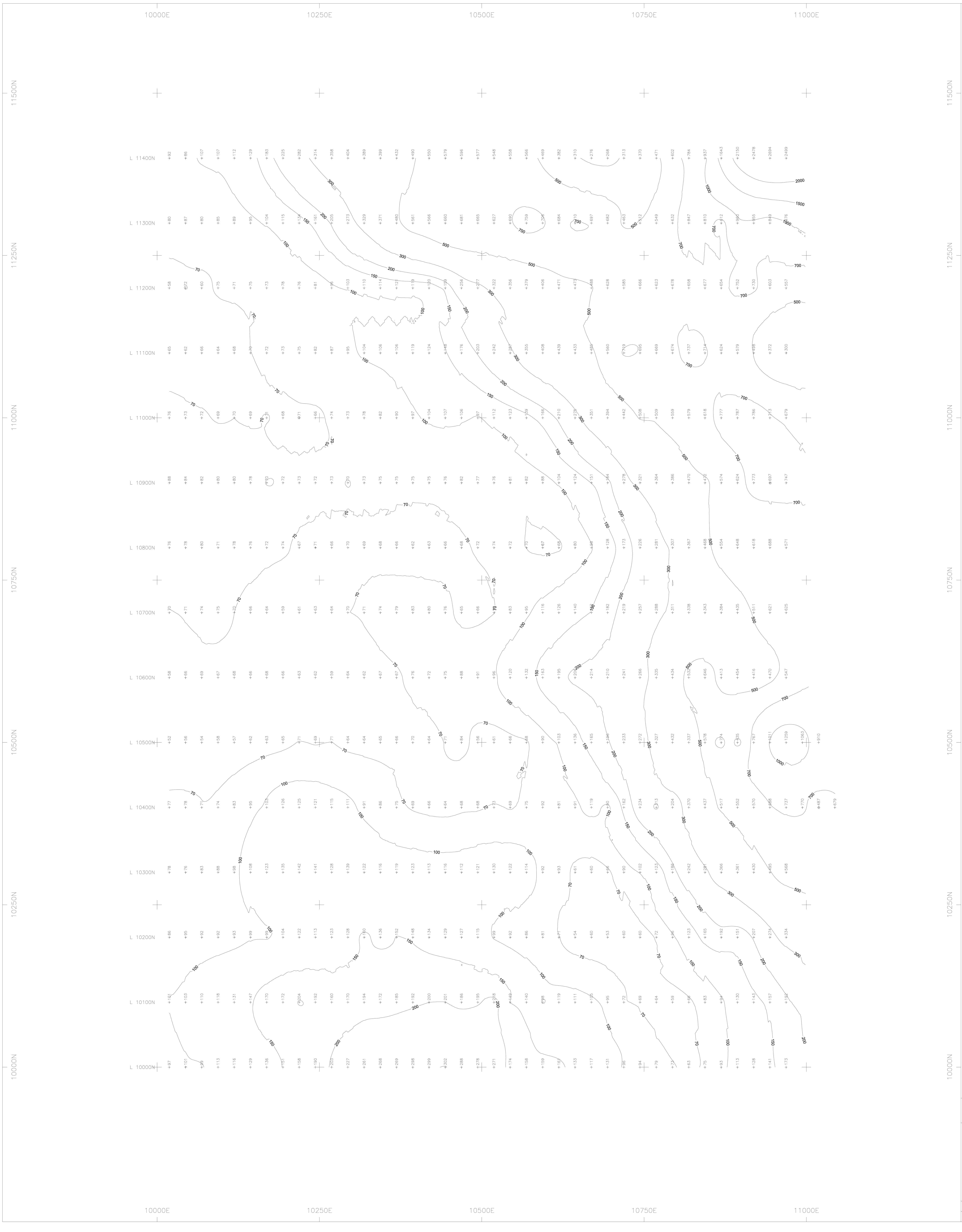
Chargeability Contour Plan

Triangular Filtered Values

First to Fifth Separations

DRAWN BY: ARS | DATE: Oct/06

SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

survey performed	October/06
receiver	Scintrex IPR12
transmitter	GDD TxII
pulse time	2 seconds
Mx receive window	690-1050 msecs

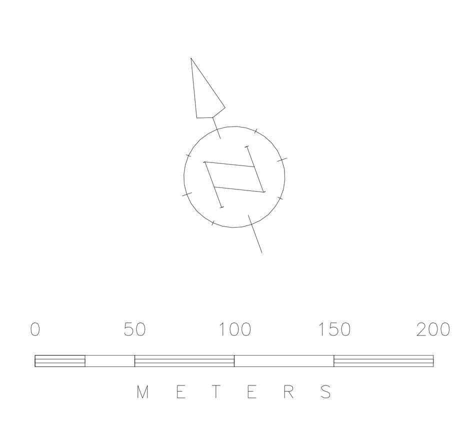
array	pole dipole
a spacing	25 metres
n separations	1, 2, 3, 4, 5
current electrode	W of potentials

Contoured value	Filtered resistivity
Filtered values	n = 1 to 5

Contour intervals:
50, 70, 100, 150, 200, 500, 700, 1000, 1500, 2000, 3000 (ohm-m)

Note: The filter applied to this data is the standard Fraser triangular filter whereby one value is selected at n=1, two values at n=2, three values at n=3, etc. The plotted value is the average of the average values of the n separations and is plotted at the n=1 data point.

Station ticks are at the n=1 plotting point



CARACLE CREEK INT'L CONSULTING

TOPLEY PROPERTY

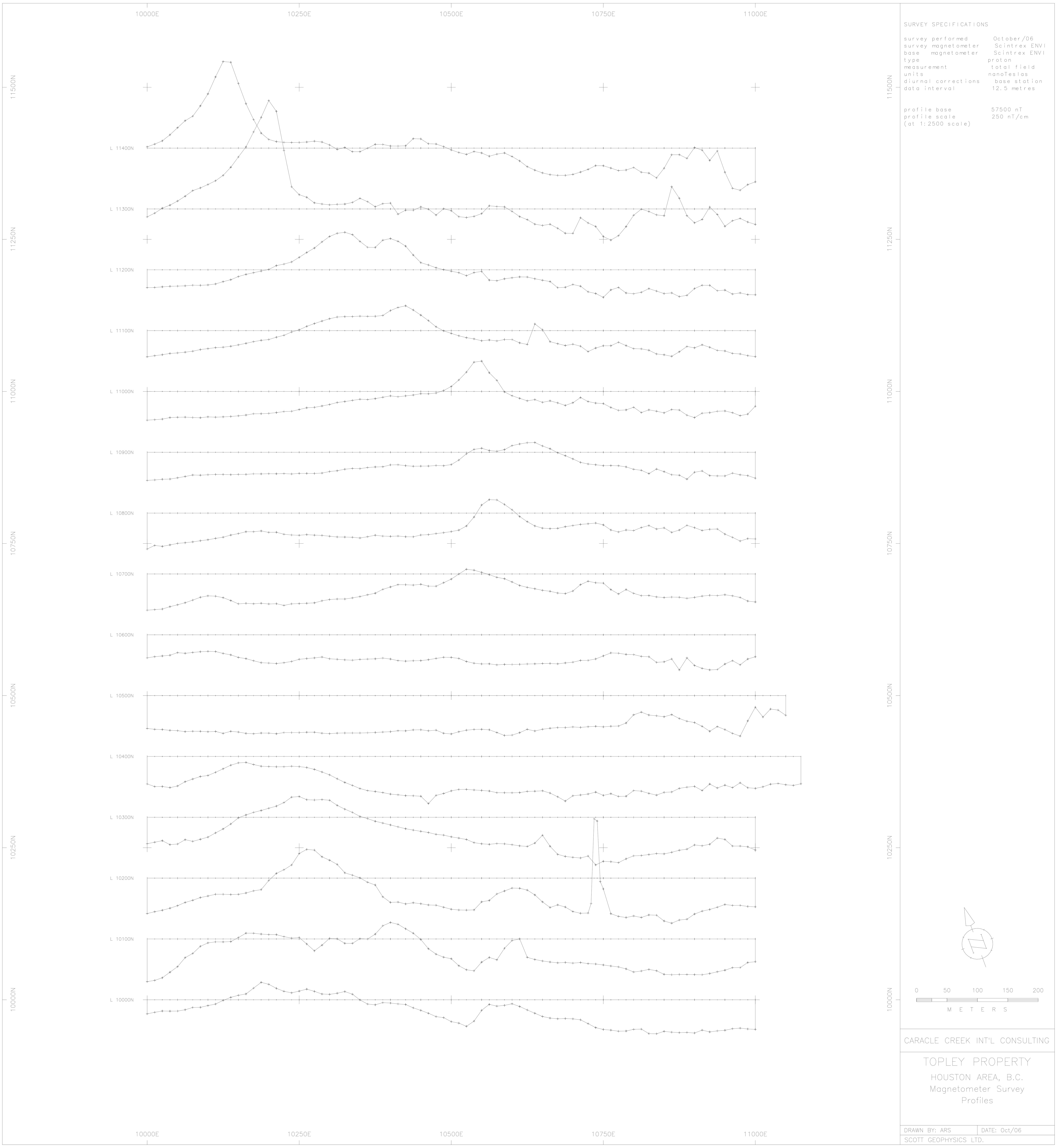
HOUSTON AREA, B.C.

Resistivity Contour Plan

Triangular Filtered Values

First to Fifth Separations

DRAWN BY: ARS	DATE: Oct/06
SCOTT GEOPHYSICS LTD.	


10000E
10250E
10500E
10750E
11000E
11500N
11250N
11000N
10750N
10500N
10250N
10000N
L 11400N
L 11300N
L 11200N
L 11100N
L 11000N
L 10900N
L 10800N
L 10700N
L 10600N
L 10500N
L 10400N
L 10300N
L 10200N
L 10100N
L 10000N
SURVEY SPECIFICATIONS
survey performed October/06
survey magnetometer Scintrex ENVI
base magnetometer Scintrex ENVI
type proton
measurement total field
units nanoTeslas
diurnal corrections base station
data interval 12.5 metres
profile base 57500 nT
profile scale 250 nT/cm
(at 1:2500 scale)
0 50 100 150 200
M E T E R S
CARACLE CREEK INT'L CONSULTING
TOPLEY PROPERTY
HOUSTON AREA, B.C.
Magnetometer Survey
Profiles
DRAWN BY: ARS
DATE: Oct/06
SCOTT GEOPHYSICS LTD.

APPENDIX 3

ASSAY CERTIFICATES

and Analytical Methods

ACME ANALYTICAL LABORATORIES LTD.   852 E. HASTINGS ST. VANCOUVER BC V6A 1R6   PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Caracle Creek Int'l Consulting (ON) PROJECT TOPLEY   File # A607516   Page 1

203 - 210 Cedar St., Sudbury ON P3B 1M6   Submitted by: RONACHER E

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm
G-1	.66	2.17	2.98	50.1	11	6.8	4.6	489	1.75	.2	2.3	<.2	4.1	54.2	.02	.02	.08	35	.45	.073	6.6	68.9	.60	195.8	.116	1	.94	.052	.45	<.1	2.1	.37	<.01	<5	<.1	<.02	4.6	15.0
TR06-100-01	.53	36.98	8.21	88.5	25	27.5	10.4	553	3.44	10.2	.6	.9	1.8	44.7	.09	.69	.13	70	.43	.072	11.5	30.8	.67	239.8	.059	1	1.87	.013	.08	<.1	7.4	.08	<.01	41	<.1	<.02	5.6	15.0
TR06-100-02	.58	21.23	7.88	81.1	70	23.8	9.8	647	3.13	8.2	.6	1.1	1.6	38.5	.21	.60	.11	67	.53	.089	10.8	31.4	.58	193.8	.070	2	1.59	.016	.09	<.1	6.1	.08	<.01	32	<.1	.06	4.9	15.0
TR06-100-03	.45	16.60	7.50	71.6	50	16.9	8.0	462	2.52	6.9	.6	1.9	1.1	33.4	.11	.42	.11	58	.44	.069	9.5	25.6	.54	134.4	.073	1	1.36	.013	.06	<.1	3.8	.06	.01	23	<.1	.05	4.3	15.0
TR06-100-04	.37	12.66	5.00	65.6	60	14.3	6.0	287	2.04	3.4	.3	1.1	.5	21.6	.06	.30	.09	48	.25	.053	7.2	19.3	.47	98.4	.051	2	1.45	.009	.05	<.1	2.8	.06	.01	20	<.1	.04	4.7	15.0
TR06-100-05	.57	22.89	5.90	70.6	56	19.7	8.3	301	2.84	6.7	.4	.3	1.2	20.5	.07	.50	.08	60	.20	.053	6.8	23.1	.50	135.6	.044	1	2.09	.011	.04	<.1	4.0	.08	<.01	25	<.1	<.02	5.0	15.0
TR06-100-06	.45	14.00	5.89	62.2	19	14.9	6.4	307	2.44	5.4	.3	.5	.9	20.3	.05	.43	.09	55	.25	.057	6.9	19.5	.47	79.8	.055	1	1.31	.008	.04	<.1	2.9	.05	<.01	9	<.1	<.02	4.1	15.0
TR06-100-07	.54	20.88	5.67	86.4	39	23.4	8.4	310	2.70	6.0	.3	1.8	1.1	27.6	.07	.43	.09	58	.32	.067	6.7	25.5	.55	139.9	.050	1	1.92	.010	.05	<.1	3.9	.07	.01	21	<.1	.02	5.3	15.0
TR06-100-08	.53	18.31	5.95	72.1	59	18.1	7.0	312	2.65	5.1	.4	.6	1.1	21.2	.06	.37	.10	60	.24	.067	7.1	23.8	.52	119.3	.061	2	1.80	.011	.05	<.1	3.6	.08	<.01	24	<.1	<.02	5.3	15.0
TR06-100-09	.23	9.93	4.72	55.0	39	14.0	5.3	235	1.71	3.1	.3	1.2	.6	25.6	.07	.23	.07	41	.30	.053	6.4	17.6	.45	102.2	.055	1	1.20	.011	.04	<.1	2.5	.05	.01	28	<.1	.04	3.5	15.0
TR06-100-10	1.31	22.41	10.33	129.4	362	41.6	15.7	587	4.28	19.9	.4	.4	1.2	20.8	.32	.83	.23	94	.16	.141	5.0	53.1	.68	163.7	.048	1	2.77	.009	.05	.3	4.4	.10	.01	57	<.1	.05	6.5	15.0
TR06-100-11	.82	22.27	6.89	75.7	50	33.5	13.8	391	3.22	8.4	.4	.3	.9	28.5	.09	.55	.08	76	.28	.056	5.9	33.5	.76	242.4	.062	1	1.95	.018	.05	.1	3.9	.07	.01	16	<.1	.03	5.2	15.0
TR06-100-12	.61	22.94	7.78	89.9	67	19.8	10.1	581	2.92	10.0	.4	3.7	.8	26.7	.23	.67	.23	66	.34	.066	8.1	23.7	.53	133.9	.055	2	1.64	.010	.05	<.1	4.2	.07	.01	25	<.1	.07	4.3	15.0
TR06-100-13	.99	14.97	11.10	204.9	158	14.1	10.4	436	3.92	12.2	.3	5.4	.9	12.0	.41	.58	.34	87	.14	.210	4.6	29.7	.33	114.8	.038	1	2.11	.008	.05	.2	3.5	.12	.01	21	.2	.02	7.8	15.0
TR06-100-14	.52	16.64	7.08	57.0	59	19.2	7.5	341	2.52	7.8	.5	1.2	.9	23.9	.10	.44	.09	57	.29	.044	6.6	22.9	.53	128.8	.048	1	1.26	.012	.04	.1	3.5	.07	.01	38	<.1	.03	4.0	7.5
TR06-100-15	.41	14.09	5.01	64.8	38	15.1	6.4	218	2.17	4.0	.3	<.2	1.0	20.2	.05	.32	.08	51	.22	.040	6.8	18.1	.39	111.1	.059	1	1.35	.010	.03	<.1	3.0	.07	<.01	14	<.1	.03	4.3	15.0
TR06-100-16	.48	15.45	5.79	71.6	43	16.7	6.1	267	2.39	5.8	.3	.3	.7	24.1	.19	.34	.09	59	.25	.040	7.1	20.0	.46	159.2	.052	2	1.55	.010	.04	<.1	3.2	.07	.01	24	<.1	<.02	4.5	15.0
TR06-100-17	1.36	25.01	10.34	134.5	204	32.9	13.9	494	4.69	21.8	.5	1.0	1.4	15.1	.47	.70	.13	89	.18	.253	5.8	49.8	.59	156.8	.057	2	3.11	.011	.07	.2	5.2	.11	.02	75	.1	.05	7.5	7.5
TR06-100-18	.39	17.75	5.48	61.7	116	16.7	6.2	304	2.00	3.5	.4	1.1	.7	26.0	.14	.27	.07	48	.27	.050	9.0	19.2	.42	146.1	.044	2	1.50	.012	.05	<.1	3.5	.07	.01	35	<.1	.02	4.3	7.5
TR06-100-19	.76	21.57	8.41	81.9	116	23.5	8.4	342	3.47	11.1	.4	2.6	1.2	16.8	.17	.68	.12	74	.21	.080	7.5	25.0	.47	130.1	.050	1	1.88	.009	.04	.1	4.5	.07	.01	38	<.1	.07	5.3	15.0
TR06-100-20	.45	13.83	5.74	78.9	116	15.6	5.8	252	2.28	4.5	.3	.3	.7	20.7	.09	.34	.11	53	.22	.043	6.0	18.3	.43	117.8	.047	1	1.47	.009	.04	<.1	3.0	.09	.01	24	<.1	.03	4.9	15.0
TR06-100-21	.33	10.02	5.09	55.1	33	13.4	5.5	246	1.94	3.4	.3	.9	.7	21.4	.05	.31	.10	49	.23	.033	5.8	17.3	.46	83.6	.068	1	1.12	.010	.04	.1	2.7	.08	<.01	22	<.1	.05	3.9	15.0
TR06-101-01	.44	14.27	4.26	77.5	88	15.4	6.1	241	2.29	4.2	.3	.5	.7	18.8	.07	.34	.07	53	.21	.045	5.6	18.9	.46	112.3	.047	1	1.67	.009	.04	<.1	3.3	.08	<.01	31	<.1	.03	4.9	7.5
TR06-101-02	.36	11.56	4.73	57.8	70	11.9	5.0	231	1.94	4.3	.3	1.1	.5	19.2	.09	.36	.07	47	.24	.055	5.9	15.8	.41	86.6	.051	1	1.20	.008	.03	<.1	2.5	.06	.01	13	.1	<.02	3.9	15.0
TR06-101-03	1.35	42.13	9.65	140.8	326	35.9	24.1	1751	4.74	10.6	.8	1.2	1.2	46.1	.96	.41	.14	90	.68	.109	12.5	34.5	.77	383.6	.018	2	2.73	.013	.09	<.1	7.8	.14	.03	61	.1	<.02	7.9	7.5
TR06-101-04	.52	21.34	6.27	54.3	22	19.6	9.1	347	2.69	6.9	.3	.2	1.1	19.4	.07	.49	.06	58	.20	.049	6.4	22.7	.47	109.2	.057	2	1.32	.009	.04	<.1	3.6	.03	<.01	13	<.1	.06	3.9	15.0
TR06-101-05	.47	18.36	5.54	79.7	52	16.3	6.7	257	2.55	4.8	.4	.8	1.2	15.6	.09	.41	.09	57	.19	.053	6.5	21.2	.46	108.4	.053	1	1.80	.009	.04	<.1	3.6	.07	<.01	25	<.1	.02	4.8	15.0
RE TR06-101-05	.50	20.44	5.53	77.6	56	25.5	7.0	259	2.55	5.0	.3	.8	1.1	16.0	.08	.40	.09	55	.18	.052	6.7	32.4	.45	104.5	.050	1	1.73	.009	.04	<.1	3.6	.08	<.01	21	.2	.05	5.0	15.0
TR06-101-06	.54	17.10	6.11	57.6	37	15.4	8.5	351	2.65	7.4	.3	1.9	1.1	20.1	.09	.67	.08	60	.22	.049	6.5	21.3	.41	99.6	.065	1	1.16	.008	.04	<.1	3.3	.05	<.01	13	<.1	<.02	3.3	15.0
TR06-101-07	.70	14.19	5.89	88.4	222	16.3	7.0	273	2.46	4.9	.3	.7	.5	12.1	.24	.35	.08	56	.16	.074	4.7	23.5	.46	100.4	.028	2	1.71	.008	.04	<.1	3.1	.07	.01	35	<.1	.03	6.1	.5
TR06-101-08	.63	53.26	1.21	13.4	227	11.3	1.8	264	.50	2.4	.9	1.7	.2	92.7	.49	.64	.03	9	1.28	.145	13.7	10.8	.11	178.6	.004	2	.77	.017	.01	<.1	1.9	.05	.38	201	.7	.02	.7	.5
TR06-101-09	.62	20.00	6.79	73.4	74	20.9	8.4	312	2.74	6.7	.3	.6	1.1	18.9	.07	.48	.09	60	.19	.057	7.0	25.5	.53	158.5	.051	1	1.96	.011	.04	<.1	3.8	.08	<.01	32	<.1	<.02	5.2	15.0
TR06-101-10	.69	18.51	5.73	88.5	100	21.2	7.6	308	2.82	5.3	.3	.8	.9	20.1	.11	.35	.11	63	.21	.071	5.7	27.5	.54	138.3	.031	1	2.08	.009	.05	<.1	3.9	.08	.01	25	<.1	.03	6.2	7.5
TR06-101-11	.96	13.49	7.62	199.0	277	14.6	10.6	393	3.53	7.3	.3	2.0	1.0	12.5	.44	.41	.12	79	.13	.143	5.1	25.0	.27	183.5	.040	1	2.55	.010	.05	.1	3.0	.08	.01	41	<.1	.02	7.0	15.0
TR06-101-12	.62	21.56	7.72	114.8	88	19.9	11.2	452	3.41	10.1	.5	1.3	.9	30.8	.35	.60	.07	72	.35	.054	7.5	24.5	.52	172.8	.037	<1	2.00	.011	.05	<.1	4.5	.07	.01	37	<.1	.05	5.1	7.5
STANDARD DS7	20.46	110.01	69.70	410.9	843	55.9	9.9	643	2.41	47.7	5.2	63.6	4.6	75.2	6.13	5.86	4.53	87	.97	.076	13.8	179.4	1.07	372.7	.129	37	1.02	.075	.43	3.9	2.6	4.22	.22	197	3.4	1.05	5.2	15.0

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILIT
- SAMPLE TYPE: SOIL   Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

11-17-06

Data ✓ FA ____   DATE RECEIVED: OCT 6 2006   DATE REPORT MAILED:................

BRITISH COLUMBIA CERTIFIED ASSAYER
Raymond Chan

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm
G-1	.58	1.92	2.31	45.6	9	6.4	4.3	475	1.68	.2	1.6	.4	3.4	40.3	<.01	<.02	.05	33	.38	.072	5.2	57.5	.58	194.1	.103	1	.83	.034	.44	<.1	1.6	.35	<.01	<5	<.1	.02	4.2	15.0
TR06-101-13	.70	18.70	6.53	94.3	65	21.4	10.6	329	2.98	9.0	.3	.6	1.0	14.7	.27	.55	.08	61	.16	.054	5.8	22.3	.43	138.3	.032	3	1.84	.007	.03	<.1	3.8	.05	<.01	27	.2	.02	4.4	15.0
TR06-101-14	.69	16.22	7.00	75.1	92	24.7	11.4	471	3.09	10.7	.3	.5	.7	19.5	.16	.49	.09	67	.19	.035	4.3	25.1	.49	264.6	.031	1	1.74	.008	.04	.2	3.6	.06	.01	32	.3	<.02	4.7	7.5
TR06-101-15	.59	45.46	8.85	74.4	477	29.5	10.0	605	2.87	11.1	1.0	1.3	.7	50.0	.25	.41	.17	59	.62	.057	23.6	24.4	.51	336.3	.020	1	1.76	.010	.05	<.1	7.6	.08	.02	76	.3	<.02	4.7	15.0
TR06-101-16	1.00	18.50	10.96	141.6	267	49.4	13.4	450	4.59	19.1	.4	18.8	1.0	21.3	.46	.57	.30	90	.22	.219	4.9	31.8	.47	151.6	.036	1	2.09	.009	.06	.3	3.9	.09	.02	38	.2	<.02	7.9	7.5
TR06-101-17	.77	52.93	25.14	150.9	571	36.2	14.0	1076	3.74	9.4	1.3	.2	1.2	70.3	1.07	.48	.17	74	.68	.102	22.4	34.7	.67	407.0	.012	1	3.17	.016	.10	<.1	8.5	.13	.05	115	.4	<.02	8.1	7.5
TR06-101-18	.56	51.99	40.25	199.5	725	31.4	10.2	504	2.92	8.1	1.4	.9	.9	66.6	1.78	.45	.16	59	.70	.103	30.1	29.4	.56	401.1	.008	1	2.89	.015	.08	.1	9.2	.13	.09	176	.5	.02	6.2	7.5
TR06-101-19	.36	11.55	5.87	45.0	38	16.3	6.2	308	2.04	5.6	.3	.9	.7	24.9	.08	.33	.07	44	.29	.067	7.4	17.0	.42	97.4	.047	1	1.05	.010	.03	<.1	2.7	.04	<.01	21	<.1	<.02	3.2	15.0
TR06-101-20	.59	18.74	6.82	82.7	114	20.6	9.3	287	2.94	8.5	.3	.5	1.1	15.3	.16	.50	.10	61	.16	.076	6.7	22.9	.42	161.4	.040	1	1.73	.008	.04	.1	3.9	.05	.01	30	.2	<.02	4.6	15.0
TR06-101-21	.54	15.46	5.24	68.4	58	20.4	7.0	289	2.63	6.7	.3	.6	.9	18.5	.07	.42	.08	55	.19	.053	7.0	21.5	.48	113.3	.045	1	1.54	.009	.04	<.1	3.4	.06	<.01	35	.1	<.02	4.6	15.0
TR06-102-01	.52	13.97	5.39	70.9	49	14.2	6.9	253	2.20	4.4	.4	.8	1.0	16.8	.10	.33	.09	45	.18	.046	6.6	18.3	.43	113.5	.041	1	1.56	.009	.03	<.1	3.4	.08	<.01	16	.2	<.02	4.1	15.0
TR06-102-02	.34	7.71	4.71	57.2	54	10.2	5.0	190	1.61	2.0	.2	<.2	.6	13.3	.04	.21	.06	34	.15	.041	5.2	14.6	.38	72.7	.038	1	1.12	.008	.03	<.1	2.2	.06	<.01	14	<.1	<.02	4.2	15.0
TR06-102-03	1.23	14.87	12.20	133.9	175	14.7	19.0	1392	4.42	14.9	.4	.5	1.2	17.7	.36	.88	.11	76	.19	.362	5.5	27.2	.29	150.9	.029	2	3.14	.008	.04	.2	3.8	.07	.02	93	.4	<.02	7.5	7.5
TR06-102-05	.69	19.96	7.87	64.6	22	16.0	9.1	541	2.73	9.6	.4	1.2	1.4	20.6	.15	.76	.12	57	.23	.053	9.0	22.3	.45	112.5	.047	<1	1.07	.009	.03	<.1	4.1	.07	<.01	21	.3	.02	3.5	15.0
TR06-102-06	.68	51.15	7.19	94.5	649	24.5	7.0	634	1.92	4.1	1.7	2.0	.5	82.3	1.38	.54	.12	34	1.00	.123	27.4	23.6	.41	337.0	.007	2	2.19	.018	.05	<.1	5.9	.17	.24	259	.9	.02	4.1	.5
TR06-102-07	.55	20.34	5.95	83.3	54	20.2	10.2	383	2.88	9.5	.3	.4	.9	14.5	.14	.58	.07	58	.16	.068	5.6	21.6	.40	101.2	.030	1	1.59	.008	.04	<.1	3.9	.06	<.01	29	.2	<.02	3.9	15.0
TR06-102-08	.57	15.85	5.16	76.7	43	13.7	6.7	234	2.44	6.7	.3	.7	.8	16.8	.08	.44	.07	50	.21	.063	5.9	18.3	.36	108.2	.029	2	1.41	.008	.03	<.1	3.0	.05	<.01	19	.1	<.02	3.9	15.0
TR06-102-09	.61	19.09	6.09	62.0	75	14.1	7.7	522	2.42	6.5	.4	.6	.5	27.6	.14	.46	.08	53	.30	.030	10.1	19.2	.37	146.6	.026	<1	1.10	.009	.04	<.1	3.3	.04	.01	28	.1	.02	3.7	15.0
TR06-102-10	.51	16.79	6.92	63.7	66	15.1	8.0	407	2.51	7.8	.3	.4	.8	22.7	.13	.55	.08	54	.30	.060	7.4	17.9	.47	120.5	.045	1	1.03	.010	.04	<.1	3.4	.05	<.01	10	.1	<.02	3.4	15.0
TR06-102-11	.87	35.90	8.64	96.1	124	26.2	12.7	802	3.40	16.2	.6	.9	1.6	37.2	.27	.97	.12	62	.50	.081	13.4	27.2	.58	193.4	.025	2	1.43	.013	.08	<.1	7.8	.11	.01	91	.4	.04	4.2	7.5
TR06-102-12	.66	14.56	5.72	102.6	101	19.0	10.6	297	3.03	9.4	.3	1.2	.9	15.5	.17	.47	.08	61	.18	.136	5.1	21.9	.49	151.3	.034	<1	1.80	.009	.04	<.1	3.3	.10	<.01	22	.1	<.02	4.8	15.0
TR06-102-13	.57	12.42	5.02	98.6	143	15.2	7.9	217	2.50	6.3	.3	.7	.7	23.1	.22	.39	.06	49	.33	.041	4.8	17.7	.38	138.7	.033	1	1.34	.009	.03	<.1	2.6	.04	.01	22	.1	<.02	3.7	15.0
TR06-102-14	.72	25.26	12.73	179.0	420	22.0	16.4	902	3.30	102.0	.8	2.4	.8	82.4	.72	.76	.14	71	.69	.069	8.5	31.0	1.24	305.3	.059	1	2.05	.012	.25	.1	5.0	.19	.02	48	.2	<.02	6.4	7.5
TR06-102-15	.63	11.20	6.87	106.3	117	16.6	8.9	467	2.52	5.6	.3	.3	.7	23.1	.22	.44	.10	59	.26	.037	5.0	21.0	.41	150.6	.037	<1	1.03	.009	.04	.1	2.6	.05	.01	19	.1	<.02	4.9	15.0
TR06-102-16	.70	12.37	6.39	145.5	113	20.4	10.7	342	3.19	9.3	.3	<.2	.9	13.5	.27	.57	.10	63	.16	.176	5.7	23.6	.43	127.7	.037	1	2.08	.008	.03	.1	3.3	.04	.01	36	.2	<.02	4.9	15.0
TR06-102-17	.68	18.01	6.61	143.6	87	23.2	10.4	293	3.33	14.2	.3	4.5	1.1	16.8	.24	.48	.09	63	.18	.074	6.2	24.9	.49	175.8	.033	1	2.12	.009	.03	.1	4.1	.05	.01	30	.1	<.02	5.4	15.0
TR06-102-18	.55	7.78	5.70	39.5	199	6.7	3.7	186	1.69	3.6	.2	.2	.6	11.8	.15	.30	.08	41	.10	.039	5.1	12.5	.13	98.9	.030	1	.85	.008	.03	<.1	1.8	.04	.01	30	<.1	.02	4.4	15.0
TR06-102-19	.50	14.84	7.92	68.8	22	16.4	9.8	602	2.57	9.1	.3	.6	.8	25.8	.19	.61	.09	55	.28	.060	7.0	21.2	.43	115.1	.053	1	1.02	.008	.04	<.1	3.1	.04	<.01	16	.1	<.02	3.5	15.0
TR06-102-20	.50	10.87	5.93	102.5	55	15.8	10.0	386	2.56	6.5	.3	<.2	.8	25.2	.15	.51	.10	57	.28	.056	6.2	18.4	.55	129.9	.046	1	1.30	.010	.03	.3	3.2	.09	<.01	18	.1	<.02	4.2	15.0
TR06-102-21	.52	13.80	5.35	86.1	86	17.0	10.0	516	2.57	5.8	.4	.3	.5	37.3	.19	.50	.08	56	.38	.037	6.4	21.2	.65	153.2	.039	2	1.43	.011	.04	.5	3.4	.07	.01	14	<.1	<.02	4.4	7.5
TR06-103-01	.98	16.48	5.53	52.9	39	15.4	7.1	253	2.32	6.2	.3	.6	1.1	11.8	.07	.46	.08	45	.12	.054	6.0	18.8	.38	103.9	.037	1	1.44	.008	.02	<.1	3.1	.06	<.01	19	.2	<.02	3.4	15.0
TR06-103-02	.60	23.16	7.49	81.4	101	17.7	9.6	546	2.80	9.8	.4	.9	.9	27.4	.17	.63	.09	56	.38	.062	9.5	20.7	.42	145.0	.026	1	1.26	.009	.04	<.1	4.3	.06	.01	37	.2	.04	3.8	15.0
TR06-103-03	.27	7.21	4.73	49.5	19	11.0	4.7	204	1.59	3.5	.2	.6	.6	16.2	.05	.21	.07	35	.22	.048	5.8	15.1	.36	62.5	.037	<1	.86	.008	.02	<.1	2.0	.03	<.01	13	.2	<.02	2.9	15.0
RE TR06-103-03	.27	7.11	4.76	49.2	22	11.1	4.8	206	1.59	3.4	.2	.2	.6	15.6	.06	.23	.06	35	.22	.048	5.6	15.3	.36	61.4	.037	<1	.85	.007	.03	<.1	1.9	.04	<.01	15	<.1	<.02	2.9	15.0
TR06-103-04	.42	13.77	5.38	70.0	83	17.2	6.6	354	1.98	4.0	.6	.4	.3	27.6	.18	.26	.08	41	.34	.050	7.0	20.0	.44	133.9	.023	<1	1.26	.010	.04	<.1	2.7	.05	.02	31	.4	<.02	4.0	7.5
STANDARD DS7	20.56	110.00	68.96	411.4	838	54.5	9.8	625	2.38	44.5	4.9	64.0	4.3	69.3	6.15	5.67	4.52	84	.91	.077	12.5	174.4	1.04	375.9	.125	36	.97	.075	.43	3.8	2.5	4.13	.21	201	3.5	1.03	4.8	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ____

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm
G-1	.67	2.05	2.78	47.3	8	7.2	4.6	497	1.81	<.1	1.8	<.2	3.8	52.1	.01	<.02	.06	35	.45	.078	6.5	65.9	.60	190.5	.115	1	.93	.039	.45	<.1	1.8	.36	<.01	<5	<.1	<.02	4.7	15.0
TR06-103-05	.41	12.42	5.95	57.5	23	14.5	7.6	554	2.31	6.4	.4	1.9	1.0	25.6	.12	.49	.07	52	.35	.071	7.7	17.7	.41	97.5	.053	1	1.00	.010	.04	<.1	2.9	.05	<.01	23	<.1	<.02	3.0	15.0
TR06-103-06	.51	13.56	6.71	68.2	24	16.3	8.4	562	2.37	6.3	.4	2.9	1.1	24.7	.17	.51	.08	53	.32	.065	7.8	20.9	.45	103.5	.059	<1	1.10	.010	.04	<.1	3.1	.05	<.01	22	<.1	<.02	3.8	15.0
RE TR06-103-06	.48	12.72	6.38	63.8	20	16.4	8.0	545	2.26	6.1	.4	1.7	1.1	24.3	.15	.49	.08	51	.31	.062	7.6	19.8	.44	102.0	.059	1	1.08	.010	.04	<.1	3.1	.05	<.01	22	<.1	<.02	3.5	15.0
TR06-103-07	.84	31.50	8.64	89.4	295	22.1	10.8	857	3.14	8.0	.9	1.6	.5	46.6	.44	.41	.14	63	.52	.077	10.6	24.7	.55	228.3	.021	1	1.89	.010	.09	<.1	5.0	.09	.03	61	<.1	.03	5.7	7.5
TR06-103-08	1.21	25.10	9.65	91.1	212	23.1	11.5	1138	3.09	8.4	1.0	1.7	.7	49.2	.28	.51	.12	64	.61	.074	13.6	25.1	.58	266.0	.018	1	2.18	.011	.07	<.1	6.1	.10	.03	68	<.1	<.02	6.0	7.5
TR06-103-09	.82	34.27	8.03	99.1	148	27.0	9.2	675	3.73	9.9	1.6	2.5	1.3	38.3	.17	.66	.17	66	.46	.080	11.5	28.3	.55	239.9	.035	2	2.07	.012	.07	<.1	5.2	.12	.01	45	<.1	<.02	6.2	15.0
TR06-103-10	.44	12.96	5.83	68.0	36	15.0	7.0	311	2.32	5.3	.4	1.0	1.0	21.4	.07	.43	.09	52	.25	.056	7.4	19.9	.44	90.8	.060	1	1.30	.010	.05	<.1	3.1	.07	<.01	21	<.1	<.02	4.1	15.0
TR06-103-11	.51	12.31	4.98	63.4	100	14.9	6.2	268	2.32	4.1	.3	1.4	.8	18.8	.11	.38	.07	52	.21	.048	6.5	18.9	.46	85.1	.043	1	1.44	.009	.04	<.1	3.1	.07	.01	23	<.1	.03	4.6	15.0
TR06-103-12	.58	15.47	6.09	56.2	41	14.8	6.8	254	2.35	6.1	.3	1.0	.9	17.1	.07	.47	.08	54	.19	.053	7.2	19.4	.41	100.9	.048	2	1.48	.009	.04	<.1	3.3	.07	<.01	24	<.1	<.02	4.6	15.0
TR06-103-13	.77	37.49	10.04	99.5	68	28.2	12.8	892	3.70	13.2	.4	1.5	1.8	41.0	.14	1.00	.12	74	.48	.085	12.1	30.3	.63	244.2	.051	2	1.81	.015	.09	<.1	7.7	.09	<.01	42	<.1	<.02	5.5	15.0
TR06-103-14	.84	21.21	22.33	102.8	237	27.4	10.5	513	2.81	10.7	.4	7.9	.7	26.5	.30	.83	.11	64	.31	.086	8.0	28.1	.55	170.5	.053	2	1.54	.009	.06	.3	3.6	.08	.01	22	<.1	.02	5.0	15.0
TR06-103-15	.95	16.01	13.19	162.0	413	20.7	13.5	420	4.43	12.9	.4	1.9	1.3	18.2	.52	.57	.14	87	.21	.323	6.4	29.5	.47	165.0	.045	3	3.02	.008	.07	.2	4.6	.09	.02	65	<.1	<.02	8.6	15.0
TR06-103-16	1.09	38.17	15.37	102.9	204	29.9	16.3	1271	3.51	21.6	.5	5.0	1.6	36.1	.36	1.22	.15	70	.53	.076	11.9	29.6	.60	215.3	.049	3	1.63	.014	.09	.1	6.8	.13	.01	58	<.1	<.02	5.1	15.0
TR06-103-17	.73	17.55	7.61	99.2	199	18.8	8.3	282	2.68	7.3	.4	3.7	.8	21.9	.21	.53	.13	60	.23	.049	7.5	21.4	.46	144.9	.046	1	1.66	.009	.05	.1	3.5	.07	.01	39	<.1	<.02	5.6	15.0
TR06-103-18	.58	15.89	5.60	57.3	67	16.6	7.0	254	2.28	5.0	.3	1.7	.8	19.0	.12	.42	.07	51	.18	.028	6.5	19.2	.45	109.1	.054	2	1.37	.010	.04	.1	3.0	.06	.01	27	<.1	<.02	4.1	15.0
TR06-103-19	.66	13.99	9.17	162.3	145	14.6	8.1	365	3.45	7.2	.4	.4	1.2	19.6	.43	.70	.30	70	.21	.198	6.5	23.4	.43	134.6	.049	1	1.83	.008	.06	.3	3.8	.09	.01	15	<.1	.03	7.3	15.0
TR06-103-20	.62	13.73	8.60	195.6	34	17.9	9.3	350	2.93	8.4	.4	.7	1.1	22.6	.35	.62	.10	63	.25	.048	7.0	25.5	.54	127.5	.064	2	1.49	.009	.05	.1	3.4	.05	<.01	10	<.1	.02	5.0	15.0
TR06-103-21	.84	40.12	11.69	107.5	136	34.3	17.2	1305	3.64	13.3	.4	.7	1.8	38.1	.38	.93	.13	75	.58	.094	12.1	30.5	.70	235.6	.058	3	1.69	.018	.12	<.1	7.5	.11	.01	58	.1	<.02	5.4	15.0
TR06-104-01	1.08	55.12	7.83	116.5	553	32.0	9.9	942	3.00	6.4	1.5	.5	.7	90.6	1.13	.38	.15	57	1.23	.123	17.2	30.4	.62	435.8	.008	2	2.79	.013	.11	<.1	7.1	.11	.06	85	.3	<.02	7.7	7.5
TR06-104-02	1.25	41.07	10.01	124.3	449	27.0	13.5	1686	3.74	11.8	.9	.7	.9	57.6	.73	.52	.14	73	.89	.095	14.1	29.5	.57	309.5	.015	2	2.55	.011	.11	<.1	7.3	.12	.04	97	.2	<.02	6.8	15.0
TR06-104-03	.43	7.92	5.28	61.4	36	13.1	7.2	385	2.11	3.6	.3	.3	.8	30.4	.13	.32	.07	49	.42	.048	6.9	19.1	.47	101.2	.063	1	1.02	.010	.03	<.1	2.7	.04	.01	25	<.1	<.02	3.5	15.0
TR06-104-04	1.21	19.69	8.33	79.5	70	21.2	12.7	2576	2.84	7.9	.7	1.1	1.4	40.6	.26	.65	.10	60	.50	.074	10.5	24.7	.54	129.6	.050	1	1.46	.014	.06	<.1	5.7	.08	.01	45	<.1	<.02	4.5	15.0
TR06-104-05	.32	8.63	6.13	63.2	21	12.4	8.2	483	1.95	3.0	.3	.3	.7	21.2	.13	.27	.08	45	.27	.040	6.9	17.7	.45	89.4	.052	2	1.02	.009	.05	<.1	2.6	.05	.01	18	<.1	.03	3.8	15.0
TR06-104-06	.36	7.86	5.06	57.4	20	13.2	7.1	312	1.89	3.0	.3	.3	.7	23.9	.11	.27	.07	42	.30	.042	6.5	17.1	.49	80.7	.056	1	1.00	.012	.04	<.1	2.5	.04	<.01	16	<.1	<.02	3.9	15.0
TR06-104-07	.68	27.42	6.96	81.4	135	18.0	8.5	542	2.43	5.4	.7	1.0	.7	38.8	.36	.31	.13	53	.44	.054	9.2	23.5	.53	180.6	.028	2	1.52	.009	.06	<.1	4.0	.06	.01	26	.2	.04	5.0	15.0
TR06-104-08	1.14	88.14	15.16	182.8	522	37.2	23.7	2234	4.39	15.3	1.6	1.0	1.7	65.5	1.11	.51	.24	86	.72	.083	18.4	38.6	.77	378.5	.014	1	2.88	.011	.12	<.1	8.1	.10	.03	61	.4	.07	8.5	7.5
TR06-104-09	.43	8.91	5.91	81.2	42	12.0	6.0	251	2.07	4.4	.3	.2	.8	22.7	.09	.30	.07	51	.28	.040	6.4	17.3	.47	92.5	.053	2	1.21	.008	.04	<.1	2.6	.05	<.01	16	.1	.03	4.4	15.0
TR06-104-10	.86	23.51	8.58	118.9	118	20.1	11.0	613	2.89	7.4	.8	.4	.6	44.2	.27	.48	.14	68	.50	.060	11.2	25.6	.63	250.5	.040	2	2.03	.014	.08	.1	5.1	.13	.02	35	.1	.03	6.9	15.0
TR06-104-11	.77	43.30	10.62	106.8	86	31.6	14.8	889	3.95	14.8	.5	1.3	2.0	44.0	.17	1.07	.14	76	.52	.080	13.5	34.3	.71	281.0	.052	2	1.97	.017	.11	<.1	8.7	.11	<.01	73	<.1	.04	6.2	15.0
TR06-104-12	.54	10.56	5.95	93.3	136	13.0	6.2	238	2.50	5.1	.3	.2	.8	13.9	.13	.37	.08	54	.15	.079	5.8	17.8	.32	89.5	.043	2	1.54	.008	.04	<.1	2.8	.06	.01	27	.2	<.02	5.3	15.0
TR06-104-13	.48	15.05	5.93	58.4	76	14.4	6.4	265	2.38	5.3	.3	.2	1.0	16.0	.08	.44	.08	53	.20	.041	6.5	18.4	.45	84.0	.046	1	1.48	.008	.04	<.1	3.1	.07	<.01	21	.1	.02	4.2	15.0
TR06-104-14	.60	13.68	6.29	85.7	52	17.6	9.6	338	2.82	8.0	.3	<.2	1.0	14.0	.16	.56	.08	61	.19	.094	5.9	21.6	.43	102.3	.051	1	1.56	.008	.05	.1	3.4	.05	<.01	23	<.1	<.02	4.1	15.0
TR06-104-15	1.55	48.82	13.25	111.4	205	31.1	16.7	1492	3.72	19.0	1.0	2.4	1.4	48.2	.56	1.21	.17	70	.57	.083	14.0	29.5	.60	238.8	.024	2	1.74	.013	.09	.2	8.2	.16	.02	106	.2	<.02	5.3	15.0
TR06-104-16	.84	64.33	110.45	145.4	1136	165.2	38.1	740	4.30	130.8	.5	36.1	1.2	85.8	1.95	2.72	.39	45	2.46	.040	7.0	53.2	1.32	32.6	.023	<1	.29	.004	.06	4.5	4.7	.18	.44	588	<.1	.09	.9	15.0
STANDARD DS7	20.66	109.00	69.92	414.0	851	56.7	10.1	645	2.43	47.0	5.1	72.1	4.5	74.7	6.28	5.98	4.63	86	.96	.077	13.2	187.2	1.07	377.8	.133	37	1.03	.078	.45	3.8	2.7	4.28	.22	202	3.5	1.10	5.1	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
G-1	.71	2.13	2.79	48.7	13	7.2	4.5	495	1.75	.1	2.1	<.2	4.1	49.4	<.01	.02	.08	34	.45
TR06-104-17	1.26	27.56	30.38	458.5	616	46.2	10.9	426	4.24	38.2	.4	2.1	.9	22.1	1.47	.88	3.17	83	.20
TR06-104-18	.81	20.64	7.17	204.5	139	22.3	8.7	344	3.15	7.7	.4	1.2	1.3	13.3	.38	.51	.13	62	.16
TR06-104-19	.70	18.27	6.12	87.5	79	17.9	8.2	346	2.90	7.4	.4	4.3	.9	18.5	.15	.55	.11	59	.21
TR06-104-20	.56	11.87	5.00	70.6	70	12.4	6.3	251	2.28	4.4	.3	.5	.8	15.9	.11	.43	.11	53	.19
TR06-104-21	1.33	94.90	15.20	287.0	946	37.5	13.2	1993	4.46	14.6	2.6	1.6	1.5	100.5	2.10	.77	.22	74	1.00
TR06-105-01	.57	23.66	7.26	86.2	160	18.9	10.1	584	2.48	5.5	.6	1.4	.4	36.3	.34	.34	.12	56	.47
TR06-105-02	.44	10.38	5.68	60.6	66	14.1	6.1	280	1.98	4.9	.3	.6	.7	21.8	.13	.37	.08	50	.28
TR06-105-03	.53	15.41	6.30	70.0	105	13.6	6.8	373	2.37	5.7	.4	1.2	.8	25.3	.13	.39	.10	56	.30
TR06-105-04	.55	12.59	6.49	75.3	90	14.3	10.4	428	2.28	6.2	.3	.6	.7	21.6	.13	.45	.08	54	.26
TR06-105-05	.32	10.54	5.72	56.6	27	12.8	5.9	278	1.79	4.1	.3	.9	.8	21.4	.09	.30	.09	42	.32
TR06-105-06	.25	6.41	3.95	47.6	29	10.2	4.5	189	1.59	2.5	.2	.8	.6	18.1	.09	.22	.08	38	.25
TR06-105-07	.59	18.97	6.14	77.5	67	14.5	8.9	655	2.28	5.4	.5	.5	.5	30.2	.22	.32	.10	52	.38
TR06-105-08	1.24	43.00	10.39	116.1	340	25.7	14.0	1041	3.46	10.6	1.1	2.1	.8	56.3	.52	.50	.18	71	.63
TR06-105-09	.50	15.72	7.01	70.6	85	14.3	7.3	436	2.16	6.2	.4	.9	.7	27.1	.18	.34	.10	49	.33
TR06-105-10	.51	14.13	5.71	65.4	71	13.2	6.3	351	2.08	4.3	.3	4.5	.7	20.7	.13	.28	.08	48	.23
TR06-105-11	.72	24.02	7.12	72.4	80	18.0	8.6	479	2.81	8.7	.6	1.2	.7	35.7	.20	.70	.10	58	.50
TR06-105-12	.93	36.45	10.04	107.8	328	22.0	11.5	1739	2.17	3.1	1.2	1.1	.6	52.8	.55	.53	.10	51	.65
TR06-105-13	.60	19.59	7.29	62.2	30	15.6	8.1	519	2.58	8.0	.3	.7	1.1	26.9	.10	.68	.11	56	.32
TR06-105-14	.40	10.07	4.71	51.2	63	10.1	4.9	211	1.93	3.7	.3	.6	.6	12.0	.07	.34	.06	42	.14
TR06-105-15	.64	17.69	6.60	74.7	72	14.9	8.0	318	2.61	7.2	.3	.3	1.0	15.4	.07	.54	.10	55	.19
TR06-105-16	.74	21.87	6.68	96.2	155	20.1	8.3	282	2.96	8.0	.4	.7	1.0	15.6	.14	.61	.10	59	.18
TR06-105-17	.60	14.63	6.00	89.8	58	16.7	8.7	261	2.73	7.7	.3	1.7	1.0	13.8	.18	.59	.08	57	.16
TR06-105-18	.72	14.54	6.38	91.2	62	16.6	8.4	278	3.00	8.5	.3	<.2	.9	10.9	.18	.55	.08	60	.12
TR06-105-19	.58	15.37	11.33	184.2	156	13.7	8.7	329	2.73	5.6	.3	1.2	.7	30.0	.36	.75	.18	66	.38
TR06-105-20	.56	14.65	6.00	112.0	42	15.2	8.6	344	2.81	7.8	.3	1.5	.8	14.1	.25	.56	.08	59	.19
TR06-106-01	.54	16.00	4.95	102.4	99	15.6	9.5	462	2.50	5.0	.5	.6	.6	26.7	.11	.33	.12	61	.43
TR06-106-02	.41	8.36	4.68	59.7	49	9.6	4.6	175	1.88	4.1	.2	.6	.5	14.6	.11	.35	.07	46	.20
TR06-106-03	.42	13.53	5.47	58.3	48	12.5	6.4	364	1.91	4.6	.3	.6	.4	24.5	.14	.28	.11	45	.33
RE TR06-106-03	.42	13.25	5.34	57.2	56	12.8	6.1	365	1.86	4.5	.3	.5	.4	23.7	.19	.28	.10	44	.32
TR06-106-04	.62	13.71	6.28	55.0	26	16.4	8.0	762	2.42	7.1	.4	1.2	.9	25.8	.17	.47	.07	52	.38
TR06-106-05	.60	17.61	6.88	74.6	89	17.7	8.1	475	2.57	8.0	.4	.9	.7	25.3	.20	.51	.09	55	.37
TR06-106-06	1.02	25.31	10.78	211.0	111	25.1	13.4	394	4.98	18.9	.5	.3	1.4	16.8	.29	.64	.14	91	.20
TR06-106-07	.46	12.47	5.33	57.2	64	12.5	6.7	333	1.92	4.0	.3	1.0	.6	24.6	.13	.31	.07	43	.37
TR06-106-08	.45	13.08	6.08	79.7	81	12.7	8.8	705	2.14	4.8	.4	.2	.7	20.4	.14	.31	.10	47	.25
STANDARD DS7	20.29	109.00	69.93	411.2	849	55.9	9.8	643	2.41	45.8	5.0	64.9	4.5	70.4	6.33	5.93	4.56	86	.94

SAMPLE#	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	.083	6.7	70.5	.59	172.0	.109	2	.89	.043	.43	.1	1.7	.35	<.01	5	<.1	<.02	4.4	15.0
TR06-104-17	.109	5.4	38.9	.52	177.1	.024	2	2.60	.009	.07	.4	4.4	.10	.01	61	.1	.10	7.2	15.0
TR06-104-18	.075	6.1	24.2	.53	119.9	.029	1	2.41	.008	.05	.1	4.0	.08	<.01	30	.1	.03	5.6	15.0
TR06-104-19	.065	6.6	22.0	.51	106.0	.030	1	1.80	.007	.05	.1	3.4	.07	.01	40	.1	.02	5.1	15.0
TR06-104-20	.042	6.0	17.4	.50	79.6	.045	1	1.33	.007	.03	.1	2.7	.06	.01	21	.2	<.02	4.5	15.0
TR06-104-21	.118	60.8	34.0	.66	475.7	.007	1	3.15	.011	.10	.2	12.7	.14	.05	149	.6	.05	7.1	7.5
TR06-105-01	.055	9.6	25.7	.57	168.9	.030	1	1.55	.010	.06	<.1	3.6	.06	.02	37	.3	<.02	5.0	15.0
TR06-105-02	.046	7.1	16.7	.40	99.2	.045	1	1.01	.009	.03	<.1	2.5	.05	.01	19	.1	.02	3.6	15.0
TR06-105-03	.033	7.5	19.5	.44	120.1	.041	1	1.39	.010	.04	<.1	3.2	.06	<.01	28	.1	<.02	4.3	15.0
TR06-105-04	.056	7.6	19.7	.41	121.3	.042	1	1.23	.009	.03	<.1	2.8	.06	<.01	20	<.1	<.02	4.1	15.0
TR06-105-05	.061	7.5	17.4	.42	89.0	.044	1	1.03	.009	.03	<.1	2.5	.04	<.01	18	.1	<.02	3.4	15.0
TR06-105-06	.027	5.5	13.7	.37	84.2	.045	1	.82	.008	.03	<.1	1.9	.06	<.01	16	.1	<.02	3.0	15.0
TR06-105-07	.040	8.4	20.6	.45	154.5	.032	2	1.29	.010	.04	<.1	3.2	.06	.01	35	.1	<.02	3.9	15.0
TR06-105-08	.088	14.4	31.7	.67	282.0	.025	1	2.24	.012	.10	.1	6.3	.10	.03	76	.2	.05	6.8	15.0
TR06-105-09	.050	7.3	19.6	.51	111.4	.042	1	1.18	.010	.04	<.1	2.8	.05	.01	22	.2	.02	3.8	15.0
TR06-105-10	.027	6.1	17.9	.48	118.1	.035	1	1.36	.009	.03	<.1	2.7	.07	.01	16	.2	<.02	4.0	15.0
TR06-105-11	.045	11.4	22.5	.46	157.4	.029	1	1.36	.010	.04	.1	4.6	.06	.01	49	.1	.04	4.1	15.0
TR06-105-12	.076	19.0	26.2	.55	306.0	.015	2	2.15	.013	.06	<.1	5.7	.12	.10	87	.2	<.02	5.5	15.0
TR06-105-13	.059	9.4	19.6	.42	108.5	.054	2	1.06	.010	.04	.2	4.1	.05	<.01	33	.3	<.02	3.4	15.0
TR06-105-14	.032	5.4	14.7	.33	75.9	.025	1	1.07	.007	.02	<.1	2.2	.05	<.01	17	<.1	<.02	3.5	15.0
TR06-105-15	.054	6.5	21.7	.53	79.6	.047	1	1.44	.008	.05	.1	3.2	.06	<.01	17	.1	.03	4.3	15.0
TR06-105-16	.072	6.5	23.4	.49	104.1	.033	1	1.98	.009	.05	.1	4.1	.07	.01	43	<.1	<.02	5.4	15.0
TR06-105-17	.077	5.7	20.2	.38	120.0	.040	1	1.58	.008	.03	<.1	3.1	.04	<.01	22	<.1	.03	4.2	15.0
TR06-105-18	.082	5.0	21.7	.43	99.3	.033	1	1.88	.008	.03	.1	3.1	.05	.01	18	<.1	<.02	4.9	15.0
TR06-105-19	.056	6.5	25.2	.51	198.6	.044	1	1.47	.010	.06	.1	3.4	.07	.01	29	<.1	.02	6.6	15.0
TR06-105-20	.044	5.7	20.6	.49	96.8	.043	1	1.41	.008	.04	.1	3.0	.04	<.01	15	<.1	.02	4.0	15.0
TR06-106-01	.050	7.7	22.3	.74	147.5	.058	1	1.72	.010	.05	.1	4.5	.08	.01	33	<.1	<.02	5.9	15.0
TR06-106-02	.033	5.6	15.3	.30	78.6	.041	1	.86	.007	.03	<.1	2.0	.04	<.01	11	.1	<.02	3.5	15.0
TR06-106-03	.039	6.3	18.1	.42	107.5	.032	2	1.02	.009	.03	<.1	2.5	.04	.01	21	<.1	.05	3.5	15.0
RE TR06-106-03	.037	6.0	16.7	.43	103.0	.030	1	.99	.008	.03	<.1	2.3	.04	.01	20	.1	<.02	3.6	15.0
TR06-106-04	.071	7.9	18.6	.46	101.3	.046	2	1.04	.011	.03	<.1	3.1	.05	<.01	19	<.1	<.02	3.3	15.0
TR06-106-05	.046	6.2	23.5	.53	131.6	.034	1	1.36	.011	.04	<.1	3.8	.07	.01	26	.1	.04	4.4	15.0
TR06-106-06	.283	5.9	39.7	.53	267.0	.016	2	3.39	.011	.06	.2	6.3	.08	.01	46	<.1	.02	10.0	15.0
TR06-106-07	.042	6.6	18.8	.43	97.2	.041	1	.99	.010	.03	<.1	2.6	.04	.01	19	<.1	<.02	3.4	15.0
TR06-106-08	.031	6.4	18.3	.43	115.0	.029	1	1.15	.009	.03	<.1	2.9	.05	.01	22	.1	.03	3.9	15.0
STANDARD DS7	.075	12.8	177.9	1.06	376.0	.125	37	1.00	.074	.43	3.9	2.5	4.24	.21	199	3.5	1.07	4.9	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	.62	2.12	2.52	43.2	10	6.2	4.0	451	1.60	.2	1.8	1.2	3.5	44.3	.02	<.02	.06	29	.42	.076	6.0	61.1	.53	166.2	.098	1	.80	.039	.39	<.1	1.6	.30	<.01	<5	<.1	<.02	4.0	15.0
TR06-106-09	.40	13.22	5.85	59.0	52	15.9	6.4	322	2.08	5.7	.4	1.4	.6	21.7	.15	.30	.09	45	.26	.043	6.8	18.0	.46	106.7	.044	1	1.09	.010	.04	<.1	2.8	.05	.01	27	<.1	<.02	3.7	15.0
TR06-106-10	.86	42.48	7.88	90.4	458	21.7	8.6	652	2.73	6.8	1.0	2.8	.6	54.5	.52	.30	.14	53	.60	.068	11.2	24.6	.54	275.3	.015	1	1.93	.010	.08	<.1	5.0	.07	.03	72	<.1	<.02	5.9	15.0
TR06-106-11	.43	15.96	5.62	59.2	64	12.5	6.1	297	1.89	3.8	.4	.7	.4	32.4	.19	.26	.09	44	.37	.038	7.5	18.1	.43	209.3	.039	1	1.12	.010	.04	<.1	2.9	.05	.01	19	<.1	<.02	3.8	15.0
TR06-106-12	.66	19.63	6.88	73.0	89	15.8	8.0	625	2.41	5.9	.6	.8	.4	37.4	.26	.30	.11	50	.41	.052	8.1	24.3	.51	148.3	.029	1	1.33	.009	.05	<.1	3.2	.05	.01	29	<.1	<.02	4.5	15.0
TR06-106-13	.38	9.83	4.69	48.2	52	11.6	4.8	232	1.67	3.2	.3	.8	.4	20.4	.13	.24	.08	37	.24	.033	6.2	15.3	.37	89.6	.037	1	.93	.008	.03	.2	2.1	.04	<.01	16	<.1	<.02	3.3	15.0
TR06-106-14	.47	10.64	5.93	57.1	21	13.7	7.9	519	2.17	5.7	.3	3.8	.7	22.5	.12	.31	.07	47	.30	.061	7.5	17.6	.44	78.7	.056	1	.96	.009	.04	<.1	2.5	.04	<.01	18	<.1	<.02	3.4	15.0
TR06-106-15	.86	20.72	10.12	77.5	121	16.4	8.5	543	2.64	6.7	.9	.8	.5	40.1	.16	.33	.12	57	.50	.056	10.0	23.3	.58	211.9	.029	1	1.65	.010	.05	<.1	4.5	.07	.01	37	.1	.02	5.2	15.0
TR06-106-16	.56	15.38	7.15	73.6	62	14.7	7.5	346	2.50	6.7	.4	.7	.9	23.3	.13	.41	.09	52	.27	.059	7.4	20.6	.55	106.9	.049	1	1.39	.009	.04	<.1	3.3	.05	<.01	14	<.1	<.02	4.3	15.0
TR06-106-17	.64	17.93	6.17	102.3	56	17.9	8.3	285	2.84	7.4	.3	.5	1.0	15.7	.14	.39	.09	57	.17	.069	6.4	22.0	.45	138.9	.041	2	2.05	.009	.04	<.1	3.8	.06	<.01	27	<.1	<.02	5.0	15.0
TR06-106-18	1.73	28.61	11.06	102.5	186	24.2	12.7	1145	3.56	10.5	1.4	.8	.7	49.8	.36	.42	.12	71	.53	.084	17.4	33.2	.78	249.6	.034	2	2.07	.011	.07	.1	5.8	.07	.02	63	.1	.02	6.1	15.0
TR06-106-20	.41	13.01	4.95	64.2	102	11.8	5.3	256	1.98	3.8	.3	.9	.3	23.3	.18	.30	.08	44	.23	.039	6.8	15.5	.37	110.3	.034	1	1.01	.008	.04	.2	2.4	.08	.01	21	.1	<.02	3.8	15.0
TR06-106-21	.41	16.05	7.24	60.6	205	17.1	9.7	389	2.29	4.9	1.2	1.1	1.0	48.8	.18	.32	.10	48	.64	.049	8.3	26.8	.54	199.4	.042	2	1.34	.016	.06	<.1	5.5	.06	.02	51	.3	<.02	4.2	15.0
TR06-107-01	1.18	42.42	10.70	112.9	456	22.7	13.5	1307	4.14	12.5	1.0	1.2	.6	58.5	.59	.37	.13	67	.78	.117	11.5	27.7	.54	284.7	.011	1	2.32	.012	.09	<.1	5.4	.09	.05	103>	.3	.04	6.8	7.5
TR06-107-02	.40	10.12	5.57	57.0	37	13.5	6.1	320	1.84	4.2	.3	1.0	.4	22.0	.11	.26	.08	43	.29	.043	6.4	18.4	.42	97.6	.043	1	1.03	.009	.04	<.1	2.5	.05	.01	22	.1	.02	3.7	15.0
TR06-107-03	.69	72.23	9.07	105.6	470	29.9	9.9	644	3.31	8.4	.7	5.5	.7	47.6	.91	.27	.16	64	.60	.058	8.7	27.3	.59	375.8	.012	1	2.08	.011	.09	<.1	5.0	.07	.02	37	<.1	.02	7.0	15.0
TR06-107-04	.37	13.59	5.09	60.5	45	16.2	6.8	299	2.08	4.9	.6	.4	.8	21.4	.13	.33	.07	44	.28	.042	7.7	20.1	.41	116.8	.051	1	.96	.010	.03	<.1	2.9	.03	<.01	23	<.1	.02	3.1	15.0
TR06-107-05	.59	15.25	6.17	76.4	31	14.0	7.0	305	2.48	8.0	.3	.8	.7	20.3	.14	.46	.08	55	.28	.037	5.5	18.3	.39	109.7	.037	1	1.20	.007	.04	<.1	3.0	.04	.01	16	<.1	<.02	4.1	15.0
TR06-107-06	.34	12.22	5.44	51.6	29	13.3	7.3	387	2.00	4.9	.4	.8	.8	24.9	.11	.31	.07	42	.37	.071	7.7	17.1	.43	90.7	.053	1	.97	.010	.04	<.1	2.8	.04	<.01	13	<.1	<.02	3.2	15.0
RE TR06-107-06	.36	12.55	5.44	54.1	31	13.3	7.5	407	2.07	5.0	.4	1.8	.8	25.3	.11	.33	.07	44	.38	.070	7.6	17.4	.44	90.7	.052	1	.99	.010	.04	<.1	2.8	.04	<.01	18	.1	<.02	3.3	15.0
TR06-107-07	.47	12.13	5.27	56.5	57	12.4	6.1	344	2.10	4.8	.4	.6	.5	22.3	.13	.34	.07	46	.34	.044	5.7	17.4	.43	91.7	.038	1	1.00	.009	.03	<.1	2.7	.04	.01	19	<.1	<.02	3.3	15.0
TR06-107-08	.52	12.97	5.44	77.0	30	15.3	6.7	280	2.21	5.9	.3	1.1	.7	19.6	.17	.36	.07	49	.27	.047	6.4	17.6	.42	117.5	.042	1	1.13	.009	.03	<.1	2.7	.04	<.01	17	<.1	<.02	3.8	15.0
TR06-107-09	.54	26.86	6.62	82.0	145	24.5	8.6	485	2.45	6.4	.7	.7	.6	33.1	.37	.31	.12	52	.40	.052	11.7	24.6	.53	178.3	.042	2	1.38	.010	.05	<.1	4.1	.05	.01	26	.3	<.02	4.6	15.0
TR06-107-10	.55	13.76	5.83	88.5	122	15.4	7.0	247	2.64	7.1	.3	1.9	.6	16.7	.30	.42	.07	54	.22	.064	5.8	20.8	.44	114.4	.037	1	1.36	.008	.03	<.1	2.9	.04	.01	20	<.1	<.02	4.8	15.0
TR06-107-11	.39	17.64	5.82	60.7	66	17.2	7.2	382	2.12	4.8	.5	.9	.7	24.6	.20	.32	.09	46	.34	.066	9.6	19.7	.47	119.9	.047	1	1.06	.009	.04	<.1	3.1	.04	.01	26	.1	<.02	3.4	15.0
TR06-107-12	.39	10.58	4.89	57.5	40	11.6	5.7	334	1.87	4.1	.3	1.3	.5	20.0	.16	.26	.08	41	.25	.042	6.0	16.9	.41	89.6	.041	2	.92	.007	.03	<.1	2.4	.03	<.01	16	.1	<.02	3.2	15.0
TR06-107-13	.77	27.50	6.96	79.4	149	16.5	8.0	544	2.44	6.6	.6	.5	.5	43.1	.30	.35	.12	50	.49	.055	9.0	22.3	.51	163.8	.035	1	1.28	.010	.05	<.1	3.6	.04	.01	28	.1	<.02	4.4	7.5
TR06-107-14	.35	8.35	4.90	63.7	28	10.5	5.3	228	1.76	3.2	.3	.5	.7	16.8	.09	.25	.07	41	.22	.032	5.4	15.2	.39	73.0	.048	1	.94	.008	.03	<.1	2.2	.04	<.01	20	<.1	<.02	3.4	15.0
TR06-107-15	.50	18.33	5.70	76.4	136	14.4	6.5	386	2.06	4.5	.5	1.1	.5	33.8	.20	.29	.10	45	.39	.051	8.6	20.6	.51	141.2	.042	1	1.29	.009	.05	<.1	3.4	.05	.01	26	<.1	<.02	4.5	15.0
TR06-107-16	.60	23.89	9.26	77.5	101	15.6	10.1	491	2.50	6.8	.7	.7	1.0	26.4	.26	.41	.10	50	.36	.076	10.7	20.9	.53	121.9	.052	2	1.18	.009	.05	<.1	3.8	.04	.01	23	.1	<.02	3.9	15.0
TR06-107-17	.64	18.32	7.64	60.5	79	11.9	7.1	379	2.11	4.6	.7	1.1	1.0	25.9	.13	.34	.07	45	.33	.038	9.2	18.0	.51	137.6	.034	1	1.06	.007	.03	<.1	3.4	.04	<.01	21	.2	<.02	3.4	15.0
TR06-107-18	.66	13.97	8.67	108.4	104	15.0	10.4	474	2.49	4.0	.5	.8	.5	26.7	.18	.33	.08	57	.28	.046	6.0	25.5	.69	183.0	.043	2	1.76	.009	.05	.1	3.3	.06	.01	18	.1	<.02	6.4	15.0
TR06-107-19	.74	14.78	6.85	118.8	126	16.1	8.9	428	3.01	7.1	.3	.2	.7	20.3	.26	.41	.09	67	.22	.061	5.4	24.4	.56	160.2	.049	1	1.60	.009	.05	<.1	3.5	.06	.01	19	<.1	.02	6.4	15.0
TR06-107-20	.52	10.44	5.90	72.5	64	12.7	6.0	211	2.09	4.8	.3	.5	.8	14.6	.12	.30	.14	48	.17	.035	4.8	18.1	.41	101.6	.041	1	1.27	.007	.04	<.1	2.7	.09	.01	18	.1	<.02	4.5	15.0
TR06-107-21	.93	65.97	11.65	121.1	475	33.7	13.7	1083	4.00	12.8	1.6	1.5	.9	54.2	.51	.45	.16	70	.58	.102	20.7	36.3	.68	323.9	.013	1	2.83	.010	.10	<.1	7.7	.08	.04	115	.3	.04	7.0	15.0
STANDARD DS7	20.75	108.30	69.87	411.7	883	56.5	9.9	624	2.40	46.6	5.0	63.8	4.5	70.1	6.43	5.87	4.61	84	.93	.079	13.0	180.9	1.05	378.8	.125	39	.98	.079	.44	3.9	2.6	4.27	.21	202	3.4	1.04	4.9	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	.69	2.21	2.70	46.9	12	7.2	4.3	475	1.70	.3	1.8	.2	3.7	46.6	.01	<.02	.06	32	.43	.080	6.1	67.1	.58	170.1	.104	1	.84	.038	.42	<.1	1.6	.34	<.01	<5	<.1	<.02	4.4	15.0
TR06-108-01	1.16	83.74	12.16	167.7	586	39.7	15.7	1227	5.24	15.5	2.0	1.6	1.6	63.1	.82	.59	.20	88	.75	.110	20.6	41.2	.79	471.3	.008	<1	3.28	.011	.11	<.1	9.5	.12	.03	100	.4	<.02	9.0	15.0
TR06-108-02	.46	11.75	5.94	79.4	33	16.1	7.6	362	2.35	6.4	.4	.6	.8	24.7	.14	.42	.07	51	.34	.057	7.5	18.9	.47	121.3	.046	1	1.19	.009	.04	<.1	3.2	.09	.01	21	<.1	<.02	3.8	15.0
TR06-108-03	.93	49.37	9.81	140.7	408	27.9	13.9	1062	3.82	10.6	1.0	.9	.7	54.4	.55	.47	.16	73	.72	.112	10.7	31.7	.68	314.4	.010	1	2.46	.012	.10	<.1	5.6	.12	.04	67	.2	.02	7.6	15.0
TR06-108-04	.87	49.27	9.65	113.5	309	25.4	13.8	1029	3.43	10.3	1.1	.9	.7	57.3	.60	.41	.16	66	.79	.094	12.1	30.0	.61	299.5	.007	<1	2.18	.010	.08	<.1	5.4	.08	.03	68	.2	.05	6.5	7.5
RE TR06-108-08	.65	30.32	7.18	84.9	115	18.6	9.0	601	2.77	8.4	.8	1.0	1.1	36.6	.25	.42	.13	57	.57	.063	12.1	24.7	.57	157.9	.048	1	1.37	.011	.05	<.1	4.5	.06	.01	26	.1	.02	4.5	15.0
TR06-108-05	1.07	41.55	10.07	124.3	426	27.6	16.4	1299	3.79	9.6	1.1	.9	.8	75.4	.51	.47	.13	67	.99	.105	12.1	30.9	.65	380.9	.006	1	2.64	.012	.09	<.1	6.4	.09	.05	88	.3	.02	7.5	7.5
TR06-108-06	.78	33.78	8.18	109.5	245	21.4	11.1	753	3.15	8.7	.7	.9	.4	63.8	.44	.52	.13	61	.67	.078	9.3	25.4	.58	229.7	.019	1	1.82	.012	.08	<.1	4.5	.08	.03	46	.2	<.02	5.7	15.0
TR06-108-07	1.38	70.19	10.26	134.0	395	33.7	14.0	1133	4.09	9.8	2.1	2.1	2.0	79.0	.68	.75	.18	66	1.28	.091	32.2	39.7	.63	436.6	.005	1	3.53	.011	.10	<.1	15.3	.17	.03	217	.5	<.02	8.4	7.5
TR06-108-08	.63	30.85	6.98	84.9	109	18.6	9.0	592	2.75	8.4	.8	1.1	1.0	36.3	.25	.44	.13	56	.56	.063	12.2	25.3	.56	159.1	.049	2	1.34	.011	.05	<.1	4.5	.05	.01	28	.2	<.02	4.4	15.0
TR06-108-09	.88	40.04	8.41	95.3	256	22.0	10.1	773	3.17	9.7	1.0	1.0	.9	45.7	.50	.48	.16	61	.75	.077	11.8	29.7	.60	226.5	.012	1	1.89	.010	.07	<.1	6.0	.07	.02	38	.2	.02	5.6	7.5
TR06-108-10	.38	9.48	5.62	91.3	72	11.9	7.5	277	2.13	4.2	.3	.6	.7	20.7	.20	.34	.08	50	.26	.038	6.5	18.0	.51	127.9	.047	1	1.20	.008	.04	<.1	2.9	.06	.01	203	<.1	<.02	4.4	15.0
TR06-108-11	.44	11.66	6.50	66.0	41	14.7	7.9	384	2.37	5.9	.4	.5	1.0	26.6	.11	.42	.14	50	.35	.072	8.1	20.0	.52	114.3	.054	1	1.16	.009	.04	.1	3.0	.05	<.01	18	.1	.02	3.7	15.0
TR06-108-12	.34	8.14	4.81	60.7	31	10.7	5.4	229	1.87	3.6	.3	1.6	.7	15.1	.11	.30	.06	41	.21	.038	5.5	15.3	.43	76.2	.039	1	.97	.007	.03	<.1	2.2	.04	<.01	20	<.1	<.02	3.4	15.0
TR06-108-13	.43	10.55	5.97	71.7	38	13.1	6.7	331	2.17	5.2	.3	.8	.7	20.2	.14	.35	.09	47	.26	.047	6.5	18.2	.43	104.1	.042	1	1.06	.008	.04	<.1	2.5	.04	<.01	14	.2	<.02	3.7	15.0
TR06-108-14	1.51	38.74	9.23	97.9	401	22.1	12.0	1295	2.97	9.7	1.0	.8	.7	85.2	.68	.72	.15	56	.95	.090	15.9	25.8	.56	263.8	.010	1	1.86	.010	.07	<.1	5.5	.08	.04	84	.2	<.02	5.2	7.5
TR06-108-15	.95	19.82	7.83	89.3	80	15.6	8.7	579	2.67	8.8	.5	1.4	.7	36.0	.25	.43	.23	61	.41	.048	8.5	23.4	.53	155.3	.038	1	1.35	.009	.05	.1	3.6	.05	.01	26	<.1	.03	4.7	15.0
TR06-108-16	.69	16.19	5.78	103.7	64	18.4	8.8	274	2.73	6.7	.3	1.1	1.0	14.2	.14	.48	.08	56	.18	.059	6.4	21.5	.47	153.2	.039	2	2.00	.008	.03	<.1	3.6	.05	<.01	29	.1	<.02	4.7	15.0
TR06-108-17	.60	13.06	6.43	106.2	87	16.1	6.5	259	2.52	5.5	.3	.5	1.0	14.3	.27	.43	.10	52	.20	.110	6.4	19.0	.37	126.9	.033	1	1.68	.007	.04	.1	3.1	.04	.01	27	<.1	<.02	5.2	15.0
TR06-108-18	.59	11.19	6.50	80.7	72	10.5	5.0	154	2.80	6.3	.3	.5	.9	11.6	.16	.39	.09	58	.11	.054	5.4	20.0	.23	122.5	.029	1	1.38	.008	.03	<.1	2.9	.04	.01	22	.1	<.02	5.1	15.0
TR06-108-19	.89	23.40	10.01	85.4	146	19.0	10.8	692	2.81	8.3	.7	.8	1.0	25.3	.22	.52	.11	58	.30	.061	11.2	26.0	.54	165.6	.025	1	1.64	.009	.05	.1	4.8	.07	.01	35	.1	<.02	5.0	15.0
TR06-108-20	1.29	15.03	9.85	93.4	74	15.2	8.5	303	2.92	6.7	.4	.5	.9	23.8	.18	.45	.11	62	.28	.025	4.9	24.0	.53	168.3	.019	1	1.94	.008	.05	.1	3.6	.07	.01	20	.1	<.02	6.3	15.0
TR06-108-21	1.46	45.21	11.40	78.4	811	22.7	8.8	1207	2.23	8.3	2.3	1.3	.5	110.1	.47	1.02	.10	35	1.70	.107	46.1	22.8	.44	399.2	.007	1	2.41	.010	.07	.1	5.3	.11	.09	137	.7	.02	4.5	.5
TR06-109-01	.38	10.05	4.97	62.5	53	11.9	6.0	285	1.96	4.2	.3	.5	.5	20.0	.15	.32	.07	44	.25	.036	6.1	17.0	.43	96.1	.035	1	1.01	.008	.03	<.1	2.4	.04	.01	18	.1	<.02	3.5	15.0
TR06-109-02	.35	9.06	5.14	56.9	42	11.8	5.8	294	1.88	4.3	.3	1.8	.5	21.5	.17	.29	.07	42	.26	.036	5.8	16.2	.43	101.4	.034	1	.93	.008	.03	<.1	2.3	.08	.01	14	<.1	<.02	3.3	15.0
TR06-109-03	.47	18.11	6.36	77.4	103	17.5	7.5	444	2.38	6.4	.6	2.1	.8	25.1	.22	.42	.10	49	.34	.073	9.8	22.3	.48	133.7	.034	1	1.33	.011	.04	<.1	3.8	.06	.01	40	.2	<.02	3.9	15.0
TR06-109-04	.55	14.95	6.37	71.9	44	15.5	7.8	398	2.49	7.2	.4	1.3	.9	20.0	.15	.52	.08	52	.26	.059	7.3	19.8	.46	92.6	.045	1	1.20	.008	.04	<.1	3.2	.05	<.01	21	<.1	<.02	3.8	15.0
TR06-109-05	.66	21.43	7.49	91.7	178	20.4	10.0	630	2.53	6.5	.5	2.4	.4	39.4	.30	.42	.11	54	.54	.069	7.8	24.9	.58	616.7	.027	1	1.57	.012	.07	<.1	3.9	.07	.03	40	.3	.02	5.4	15.0
TR06-109-06	.49	16.71	6.02	76.6	77	15.0	7.7	465	2.25	5.9	.4	1.0	.5	30.4	.24	.36	.08	50	.38	.044	7.6	20.2	.48	141.0	.038	1	1.20	.010	.05	<.1	3.0	.06	.01	23	<.1	<.02	4.1	15.0
TR06-109-07	1.01	59.11	10.13	147.8	659	29.7	13.3	1197	3.73	9.7	.9	1.0	1.1	71.0	.75	.50	.15	64	.87	.110	12.8	30.8	.67	375.9	.004	<1	2.35	.012	.11	<.1	7.1	.08	.05	69	.1	.05	7.2	7.5
TR06-109-08	.89	35.12	7.50	113.6	249	23.6	10.0	853	3.07	8.7	.8	.7	.5	57.5	.46	.55	.12	56	.79	.086	11.0	27.0	.59	258.0	.017	1	1.96	.012	.08	<.1	5.2	.08	.04	58	.3	<.02	5.6	7.5
TR06-109-09	.43	8.66	4.99	69.2	37	11.8	6.4	325	2.04	4.5	.3	.6	.6	23.7	.16	.35	.06	47	.35	.043	5.8	16.1	.44	101.6	.040	1	1.02	.008	.03	<.1	2.6	.04	.01	14	<.1	.02	3.4	15.0
TR06-109-10	.53	21.87	6.75	107.8	124	18.9	9.0	445	2.48	5.8	.5	.6	.7	33.2	.28	.42	.09	54	.45	.051	9.6	21.1	.49	192.1	.025	1	1.66	.010	.05	<.1	4.2	.08	.01	27	<.1	.02	4.9	15.0
TR06-109-11	1.68	46.52	10.04	120.1	457	33.6	13.4	1136	3.63	11.2	1.3	1.1	1.0	63.5	.51	.48	.16	66	1.04	.091	19.5	30.0	.64	299.8	.011	<1	2.43	.011	.10	<.1	7.9	.09	.04	110	.3	.02	7.0	7.5
TR06-109-12	.52	12.88	5.23	77.7	73	16.6	6.6	230	2.35	4.7	.3	.9	.7	16.5	.12	.41	.09	50	.19	.054	6.9	20.0	.42	99.0	.042	1	1.63	.008	.04	<.1	3.4	.07	.01	37	<.1	<.02	5.1	15.0
STANDARD DS7	21.15	110.00	69.19	414.7	868	57.7	10.0	638	2.41	47.3	5.1	106.9	4.6	71.7	6.45	6.05	4.58	85	.95	.078	13.3	187.9	1.07	377.5	.127	39	1.00	.075	.44	3.9	2.6	4.30	.22	199	3.3	1.18	5.1	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	.63	2.11	2.52	44.5	10	6.5	4.2	463	1.59	.1	1.8	.9	3.5	42.7	.01	<.02	.05	29	.40	.077	5.5	61.7	.56	166.2	.098	1	.82	.038	.40	.1	1.6	.31	<.01	<5	<.1	<.02	3.9	15.0
TR06-109-13	.40	9.22	5.21	53.7	55	12.1	5.6	311	1.97	5.3	.3	1.1	.6	16.6	.13	.28	.10	42	.22	.053	6.3	15.0	.42	77.9	.038	1	1.02	.007	.03	<.1	2.3	.05	<.01	19	.1	.02	3.3	15.0
TR06-109-14	.54	17.84	6.85	72.2	32	17.1	8.6	421	2.63	8.1	.4	1.5	1.2	17.7	.10	.45	.09	53	.20	.056	7.7	20.7	.47	107.4	.045	1	1.35	.009	.03	<.1	3.4	.05	<.01	14	.1	<.02	3.7	15.0
TR06-109-15	1.54	13.41	6.51	63.8	44	13.3	9.7	557	3.18	9.2	.7	1.2	1.0	27.2	.12	.59	.10	42	.39	.080	9.6	18.6	.50	106.0	.044	<1	1.12	.008	.03	<.1	3.1	.04	.01	27	.1	<.02	3.4	15.0
TR06-109-16	2.06	31.94	11.44	115.5	175	26.8	14.5	735	4.99	37.3	.9	2.1	1.3	36.9	.39	.62	.18	79	.54	.102	16.1	32.9	.71	214.5	.029	1	1.98	.011	.07	.2	7.0	.08	.02	53	.2	.02	5.6	15.0
TR06-109-17	.39	15.16	5.78	55.5	59	12.7	6.8	332	1.92	4.7	.4	.5	.6	22.5	.18	.31	.08	42	.30	.061	8.3	16.6	.41	81.4	.044	1	.95	.008	.04	<.1	2.6	.03	.01	23	.1	.02	3.1	15.0
TR06-109-18	.41	10.09	4.72	52.3	49	11.2	5.1	255	1.97	4.9	.3	.9	.5	17.6	.13	.28	.08	44	.24	.053	6.5	15.0	.38	85.8	.036	1	.97	.007	.03	<.1	2.3	.04	<.01	14	.1	<.02	3.4	15.0
TR06-109-19	.29	8.74	4.18	50.3	43	10.2	4.8	221	1.69	3.2	.2	.4	.4	13.1	.12	.22	.08	34	.16	.023	4.9	15.0	.37	66.1	.033	<1	.81	.006	.02	<.1	1.9	.03	<.01	16	<.1	<.02	2.9	15.0
TR06-109-20	.59	12.91	6.83	89.0	38	26.4	11.6	339	2.70	8.3	.4	.8	1.3	12.8	.23	.38	.09	50	.17	.089	6.7	34.1	.48	90.6	.038	1	1.67	.007	.03	<.1	3.1	.03	<.01	24	.1	<.02	4.0	15.0
TR06-109-21	.57	16.30	6.24	68.6	73	18.0	6.7	261	2.48	6.2	.4	6.9	.8	16.4	.18	.35	.10	48	.20	.051	7.2	24.4	.46	107.3	.031	1	1.40	.008	.04	<.1	3.0	.05	<.01	26	.1	<.02	4.3	15.0
TR06-110-01	.35	9.91	5.20	48.0	34	13.1	5.8	280	1.91	4.5	.3	.4	.7	16.8	.08	.27	.08	40	.24	.050	6.5	16.8	.42	73.8	.039	1	.93	.008	.03	<.1	2.3	.09	<.01	16	<.1	<.02	3.1	15.0
TR06-110-02	.40	11.37	6.16	54.7	49	12.7	7.2	437	2.00	5.7	.4	.7	.7	23.0	.15	.33	.08	43	.32	.059	8.1	17.6	.45	99.9	.038	1	.99	.008	.03	<.1	2.5	.06	<.01	18	.2	<.02	3.2	15.0
TR06-110-03	.41	8.93	5.48	53.0	31	11.7	6.4	381	2.07	6.1	.3	.9	.7	21.2	.14	.36	.07	45	.28	.048	6.5	16.1	.41	84.1	.044	1	.90	.008	.03	<.1	2.3	.04	<.01	18	.1	.02	3.0	15.0
TR06-110-04	.34	10.24	4.97	66.7	36	12.6	7.2	353	2.03	4.6	.3	.4	.6	21.4	.14	.30	.07	44	.29	.050	6.9	19.9	.52	102.6	.048	1	1.06	.010	.04	<.1	2.8	.04	.01	18	.2	<.02	3.7	15.0
TR06-110-05	.73	42.21	7.43	103.3	424	25.7	9.0	634	2.66	6.0	.7	.6	.4	51.0	.50	.29	.12	49	.70	.090	8.2	24.7	.56	276.3	.011	1	1.85	.010	.08	<.1	3.7	.06	.04	54	.2	<.02	5.9	15.0
TR06-110-06	.50	12.76	5.81	66.9	50	13.5	8.3	551	2.09	5.2	.3	1.1	.3	25.9	.12	.34	.08	45	.34	.050	6.6	18.7	.45	107.8	.034	1	.99	.008	.04	<.1	2.4	.03	.01	18	<.1	.02	3.5	15.0
TR06-110-07	.62	16.19	6.86	73.6	93	13.3	10.7	756	2.25	6.4	.3	.6	.5	24.5	.19	.37	.09	50	.33	.055	6.9	20.4	.45	102.1	.039	1	1.00	.008	.04	<.1	2.8	.03	.02	29	.1	<.02	3.6	15.0
TR06-110-08	.40	8.00	5.27	52.3	29	11.5	5.9	304	1.74	3.8	.3	.5	.5	21.2	.11	.27	.07	38	.29	.050	6.2	15.9	.40	83.3	.044	1	.85	.008	.03	<.1	2.1	.03	<.01	16	.1	<.02	3.2	15.0
TR06-110-09	.81	46.02	7.30	114.0	270	22.0	8.7	680	2.89	8.7	.9	1.0	.6	57.6	.64	.39	.14	53	.97	.071	10.7	25.3	.54	236.7	.018	1	1.69	.010	.06	<.1	4.6	.06	.03	40	.2	.02	5.3	15.0
TR06-110-10	.64	10.55	5.61	65.8	52	12.3	6.4	361	2.04	5.4	.3	.4	.6	22.9	.14	.31	.09	46	.36	.048	6.4	18.0	.43	92.9	.038	1	1.02	.008	.03	<.1	2.5	.04	<.01	16	.1	<.02	3.4	15.0
TR06-110-11	.51	16.35	5.86	66.3	66	17.1	8.6	256	2.43	7.1	.3	.5	1.1	11.8	.14	.43	.07	46	.12	.046	5.6	19.6	.42	111.8	.036	1	1.48	.007	.03	<.1	3.1	.05	<.01	31	.1	.02	3.6	15.0
TR06-110-12	.54	16.31	5.77	62.1	52	15.2	8.1	291	2.44	7.3	.3	1.3	1.1	14.0	.10	.41	.08	49	.14	.060	6.8	19.4	.41	125.0	.036	<1	1.45	.007	.03	<.1	3.3	.05	<.01	23	.1	<.02	3.8	15.0
TR06-110-13	.49	13.37	5.45	66.8	38	13.2	6.4	240	2.27	6.1	.3	.3	1.0	14.6	.11	.35	.08	45	.16	.043	6.6	17.1	.38	86.3	.040	1	1.21	.008	.03	<.1	2.9	.05	<.01	17	<.1	<.02	3.7	15.0
TR06-110-14	.65	13.83	5.76	105.4	65	16.8	8.9	253	2.86	7.9	.3	.4	1.0	12.2	.15	.42	.11	54	.14	.075	5.6	20.7	.44	108.8	.034	1	1.94	.007	.04	<.1	3.2	.05	.01	24	.1	.02	4.5	15.0
TR06-110-15	.86	16.11	6.60	154.4	110	18.4	9.0	283	3.77	11.0	.4	<.2	1.1	11.7	.23	.43	.12	68	.17	.195	5.3	27.1	.45	129.1	.033	1	2.24	.007	.04	.2	3.9	.05	.01	40	.1	<.02	6.1	15.0
TR06-110-16	1.08	24.69	7.24	98.5	161	20.3	9.5	826	2.37	4.9	.8	<.2	.4	72.0	.41	.28	.12	46	.60	.064	11.5	23.3	.49	192.5	.019	1	1.64	.011	.06	<.1	3.7	.06	.01	44	.2	.03	5.0	7.5
TR06-110-17	.51	14.00	5.83	58.6	39	14.2	7.1	367	2.38	6.6	.3	1.8	.9	17.4	.14	.40	.08	50	.23	.052	7.8	18.2	.42	96.7	.048	1	1.11	.007	.03	<.1	2.9	.04	<.01	33	.1	<.02	3.5	15.0
TR06-110-18	.52	14.67	6.12	61.3	41	14.9	7.3	381	2.41	7.1	.3	.4	1.0	18.5	.14	.42	.08	51	.23	.054	8.1	19.1	.44	98.7	.049	1	1.16	.008	.03	<.1	3.0	.04	<.01	21	.1	.02	3.7	15.0
TR06-110-19	1.49	35.96	7.87	96.7	493	27.8	12.5	1119	3.16	6.9	.9	.6	.5	72.5	.50	.68	.11	59	.79	.080	16.9	35.3	.69	300.3	.013	2	2.37	.012	.09	.1	5.7	.08	.04	80	.3	<.02	6.1	7.5
TR06-110-20	.78	29.68	7.85	97.0	194	20.2	9.5	847	2.96	7.2	.6	<.2	.5	40.6	.32	.37	.13	59	.53	.052	11.6	27.0	.63	236.7	.018	1	1.83	.009	.06	<.1	3.9	.06	.02	28	.1	.02	5.6	15.0
TR06-110-21	.36	14.46	5.67	60.1	62	13.8	6.2	409	1.94	4.5	.3	.2	.6	20.9	.14	.30	.08	40	.28	.045	8.0	20.1	.43	106.8	.040	1	.94	.008	.03	<.1	2.5	.03	<.01	20	.1	.02	3.1	15.0
TR06-112-01	.52	24.70	6.89	77.7	78	18.7	9.6	465	2.63	8.9	.4	.9	.9	26.3	.16	.53	.08	51	.36	.057	8.7	20.3	.43	152.6	.026	1	1.33	.008	.04	<.1	4.0	.05	<.01	32	.1	<.02	3.6	15.0
TR06-112-02	.68	41.98	9.98	95.7	87	29.7	13.4	900	3.68	13.1	.4	<.2	1.8	41.6	.14	.75	.12	68	.50	.077	13.0	30.2	.66	253.9	.044	1	1.70	.015	.08	<.1	7.7	.12	<.01	61	.1	<.02	5.0	15.0
TR06-112-03	.56	14.56	6.65	66.2	55	13.9	7.3	328	2.38	6.4	.4	.8	.8	22.5	.13	.40	.08	49	.27	.059	7.3	19.6	.51	103.7	.044	1	1.29	.008	.04	<.1	3.0	.06	<.01	15	.1	.02	4.0	15.0
RE TR06-112-03	.52	13.99	6.22	62.7	50	13.5	6.9	309	2.24	6.0	.4	.6	.8	21.4	.12	.36	.08	47	.26	.054	6.8	18.5	.48	97.6	.041	1	1.22	.008	.03	<.1	2.9	.05	<.01	17	.1	<.02	3.8	15.0
STANDARD DS7	20.43	106.00	69.15	410.0	859	56.4	9.9	625	2.38	46.0	4.9	63.4	4.4	68.3	6.47	5.71	4.55	85	.92	.078	12.5	178.5	1.05	370.1	.121	40	.97	.076	.43	3.9	2.5	4.20	.22	196	3.5	1.15	4.7	15.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____

ACME ANALYTICAL

Caracle Creek Int'l Consulting (ON) PROJECT TOPLEY FILE # A607516

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %
G-1	.21	5.00	3.57	49.7	21	3.9	4.5	528	1.83	.4	2.9	.4	4.3	62.7	.01	.08	.07	36	.56
TR06-112-04	.50	10.66	6.04	65.6	64	10.1	4.6	144	2.48	5.6	.3	.6	.8	12.1	.14	.28	.09	54	.11
STANDARD DS	21.85	112.67	74.12	439.4	908	59.5	10.4	672	2.55	52.6	5.4	75.4	4.9	74.0	6.89	6.08	4.81	92	1.00

SAMPLE#	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	.075	8.6	9.6	.58	207.2	.133	1	.99	.073	.49	.8	2.2	.33	<.01	<5	<.1	<.02	5.0	15
TR06-112-04	.047	5.4	18.0	.21	113.8	.033	1	1.23	.007	.03	<.1	2.7	.06	<.01	16	.1	.02	4.7	15
STANDARD DS	.083	13.9	192.2	1.11	393.6	.130	40	1.04	.079	.46	4.3	2.7	4.50	.22	216	3.8	1.08	5.1	15

Standard is STANDARD DS7.

Data ✓ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Caracle Creek International Consulting PROJECT NXA File # A605638 Page 1

34176 Cedar Ave, Abbotsford BC V2S 2W1 Submitted by: Stephen Wetherup

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm
G-1	.1	2.1	2.9	44	<.1	3.5	3.8	529	1.85	<.5	2.5	.6	3.7	59	<.1	<.1	.1	35
00895	692.4	7558.1	173.0	355	32.2	51.7	67.6	1095	4.96	927.4	.3	52.1	.1	55	6.1	53.7	222.0	5
00896	891.1	>10000	186.3	481	35.6	116.4	51.1	1490	4.22	1705.8	.4	67.2	<.1	76	4.0	137.4	314.7	5
00897	8.0	101.5	13.8	144	.4	67.7	36.4	1985	8.71	27.9	.3	22.2	.3	84	.3	1.1	2.1	123
STANDARD	20.8	108.3	72.4	408	.9	54.4	9.5	624	2.38	47.9	5.0	83.3	4.6	71	6.3	5.7	4.6	84

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.53	.074	8	6	.55	186	.126	<1	.97	.084	.50	.1	<.01	1.8	.3	<.05	5	<.5
00895	2.59	<.001	<1	16	1.30	14	<.001	<1	.03	.003	.02	5.1	.91	.3	.2	4.45	<1	3.5
00896	4.04	<.001	<1	16	2.01	7	<.001	<1	.03	.003	.02	4.6	1.91	.4	.2	3.69	<1	2.8
00897	3.93	.151	4	23	2.97	59	.002	1	.54	.004	.12	.9	.01	16.8	.1	.91	2	<.5
STANDARD	.92	.078	13	166	1.04	376	.124	41	.96	.077	.44	3.9	.20	[illegible]	4.2	.20	5	3.3

Standard is STANDARD DS7.
GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: Rock R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

09-28-06 P04:23 OUT

Data FA ____ DATE RECEIVED: SEP 1 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER Raymond Chan

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm
G-1	.2	2.7	3.7	43	<.1	4.2	3.9	538	1.95	.6	2.7	<.5	4.0	65	<.1	<.1	.1	37
00931	11.9	396.3	365.4	2162	4.8	23.8	8.1	2677	2.55	22.3	1.1	23.8	.4	14	11.3	5.7	23.8	5
STANDARD	21.0	109.3	79.4	420	.9	55.8	9.6	624	2.39	48.1	5.2	52.6	4.7	73	6.5	5.7	4.7	84

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.57	.079	9	7	.58	203	.130	5	1.02	.088	.51	.2	<.01	2.0	.3	<.05	5	<.5
00931	.78	.020	2	14	.31	24	.002	4	.19	.003	.15	>100	.19	.9	.2	2.69	1	.7
STANDARD	.94	.082	14	168	1.05	379	.127	40	.97	.080	.44	3.8	.20	2.5	4.4	.21	5	3.6

Standard is STANDARD DS7.

Data TS FA ____

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ASSAY CERTIFICATE

Caracle Creek International Consulting PROJECT NXA File # A605638 Page 1

34176 Cedar Ave, Abbotsford BC V2S 2W1 Submitted by: Stephen Wetherup

SAMPLE#	Au** gm/mt
G-1	<.01
00895	.05
00896	.06
00897	.02
STANDARD SL20	6.02

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: Rock R150

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

09-25-06 A10:55 OUT

Data ✓ FA ____ DATE RECEIVED: SEP 1 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER Raymond Chan

SAMPLE#	Au** gm/mt
G-1	.01
00931	.02
STANDARD SL20	5.93

Sample type: Rock R150.

Data ___ FA ___

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ASSAY CERTIFICATE

Caracle Creek International Consulting PROJECT NXA File # A605638R

34176 Cedar Ave, Abbotsford BC V2S 2W1 Submitted by: Stephen Wetherup

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag gm/mt	Ni %	Co %	Mn %	Fe %	As %	Sr %	Cd %	Sb %	Bi %	Ca %	P %	Cr %	Mg %	Al %	Na %	K %	W %	Hg %
00896	.094	1.132	.02	.05	35	.011	.005	.15	4.27	.15	.008	<.001	.013	.03	3.86	.001	.002	1.88	.05	<.01	.03	<.001	<.001
STANDARD R-2a	.049	.564	1.41	4.20	157	.354	.045	.20	23.16	.22	.174	.029	.127	<.01	2.25	.084	.068	1.59	1.42	.19	.51	.072	.177

GROUP 7AR - 1.000 GM SAMPLE, AQUA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.
- SAMPLE TYPE: ROCK PULP

10-06-06 P05:27 OUT

Data ✓ FA ____ DATE RECEIVED: SEP 29 2006 DATE REPORT MAILED:.................

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ASSAYS

Group 6 Precious Metals Assay by Fire Assay

Highly precise determinations for Au, Ag, Pt, Pd and Rh by classical lead-collection fire assay on a 1 assay-ton sample (29.2 g). Massive sulphide or Cr-rich matrix will require a reduced sample weight. Analysis is by ICP-ES after digestion of the dore bead. Gravimetric analysis is available. Request a metallics assay (500 gm sample) if coarse precious metals are suspected.

Element	Detection	Method
Au	0.001 oz/t	Fire Assay on 29.2 g (1 Assay-Ton) sample
		Metallics Fire Assay on 500 g sample
Au, Ag*	0.001 oz/t	Fire Assay on 29.2 g sample (Ag by Group 7AR)*
		Metallics Fire Assay on 500 g sample

GEOCHEMICAL – ICP by Aqua Regia Digestion

Group 1D, 1DX: ICP & ICP-MS Analysis – Aqua Regia

You can choose economically priced ICP-ES **(Group 1D)** or ICP-MS **(Group 1DX)** analysis to complement your exploration program. Sample splits of 0.5 g are leached in hot (95°C) Aqua Regia. Select a larger split size for more representative **Au analysis.** Refractory and graphitic samples can limit Au solubility. Solubility of some elements* will be limited by mineral species present.

	Group 1D Detection	Group 1DX Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	100 ppm
Al*	0.01 %	0.01 %	10 %
As	2 ppm	0.5 ppm	10000 ppm
Au	2 ppm	0.5 ppb	100 ppm
B*	3 ppm	1 ppm	2000 ppm
Ba*	1 ppm	1 ppm	1000 ppm
Bi	3 ppm	0.1 ppm	2000 ppm
Ca*	0.01 %	0.01 %	40 %
Cd	0.5 ppm	0.1 ppm	2000 ppm
Co	1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	10000 ppm
Fe*	0.01 %	0.01 %	40 %
Ga*	-	1 ppm	1000 ppm
Hg‡	1 ppm	0.01 ppm	100 ppm
K*	0.01 %	0.01 %	10 %
La*	1 ppm	1 ppm	10000 ppm
Mg*	0.01 %	0.01 %	30 %
Mn*	2 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	2000 ppm
Na*	0.01 %	0.001 %	10 %
Ni	1 ppm	0.1 ppm	10000 ppm
P*	0.001 %	0.001 %	5 %
Pb	3 ppm	0.1 ppm	10000 ppm
S	-	0.05 %	10 %
Sb	3 ppm	0.1 ppm	2000 ppm
Sc	-	0.1 ppm	100 ppm
Se	-	0.5 ppm	1000 ppm
Sr*	1 ppm	1 ppm	10000 ppm
Th*	2 ppm	0.1 ppm	2000 ppm
Ti*	0.01 %	0.001 %	10 %
Tl‡	5 ppm	0.1 ppm	1000 ppm
U*	8 ppm	0.1 ppm	2000 ppm
V*	1 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	100 ppm
Zn	1 ppm	1 ppm	10000 ppm

See Page 6 for Group 1F-MS Aqua Regia / ICP Mass Spec analysis for ultratrace element determination

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852 East Hastings Street • Vancouver, British Columbia • CANADA • V6A 1R6
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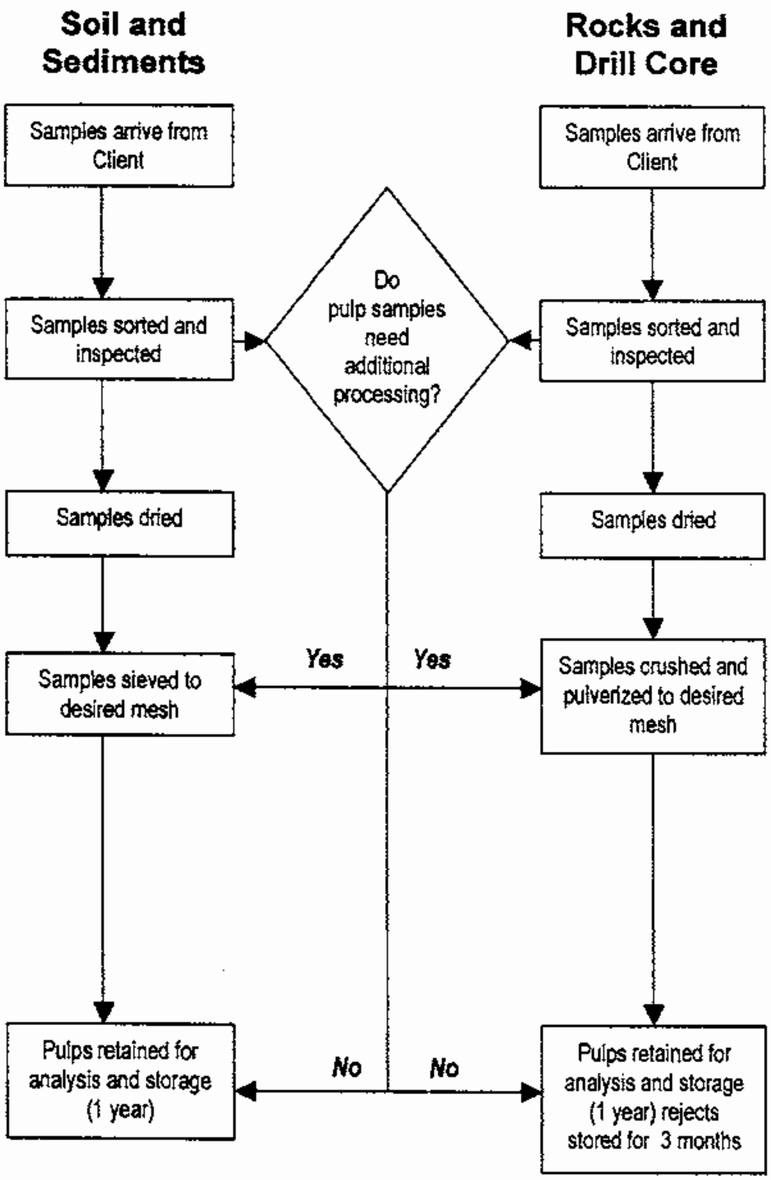
General Sample Preparation Methods



Comments

Samples arrive via courier, post or by client drop-off.

Samples sorted and inspected for quality of use (quantity and condition). Rock and Drill Core samples inspected for mineralisation such as colour and percent of sulphides and metal oxides or carbonates. Pulp samples inspected for homogeneity and fineness. In pulps are unsuitable, then client is contacted for clearance to pulverize or screen further.

If needed, sample dried at 60°C (40°C if specified by the client)

Soil and sediment samples screened to –80 mesh (ASTM) unless specified otherwise by client. Acme reference material G-1 screened as first sample in sequence and carried through analysis to monitor background noise.
Rock and Drill Core samples are crushed to 70% passing -10 mesh, homogenized and riffle split to produce 250 g split for pulverizing to 95% passing -150 mesh. Quartz blank crushed and pulverized as first sample in sequence and carried through analysis to monitor background noise.

Soil/sediment pulp(60 to 100 g of -80 mesh material) saved in labeled envelop for analysis and archive (1 year free storage). Coarse material (+80 mesh) is discarded unless specified otherwise by the Client.
Rocks and Drill Core pulp (200 to 300 g of -150 mesh material) saved in a large coin envelope for analysis and archive (1 year free storage). Coarse material (rejects) is archived for 3 months at no charge then returned to client, sotared at cost or discarded depending on Client instructions.

ACME ANALYTICAL LABORATORIES LTD.

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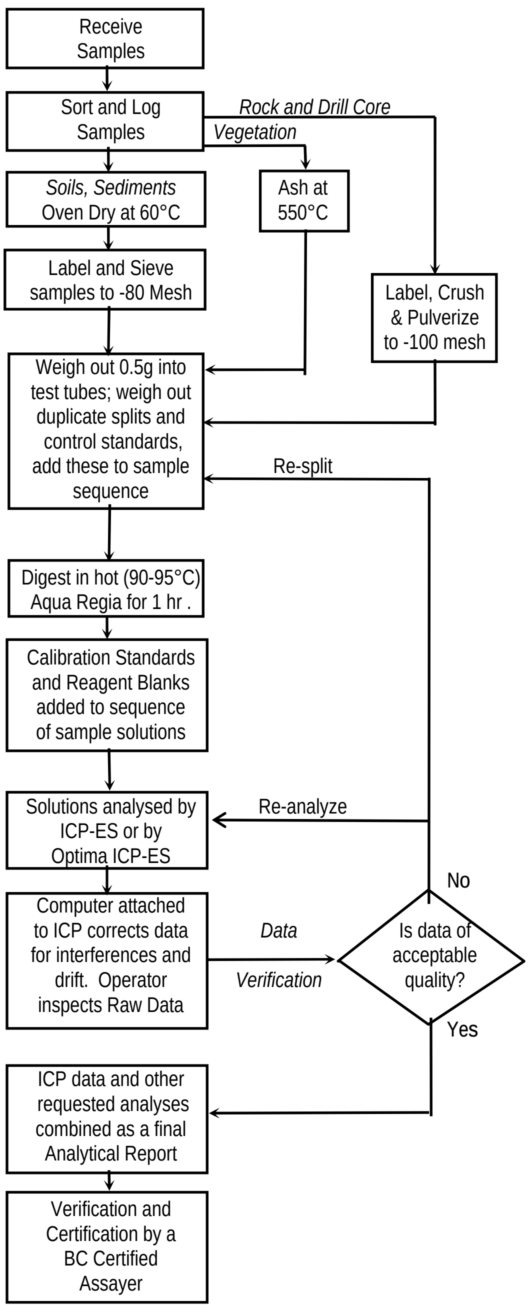
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D & 1DX - ICP ANALYSIS – AQUA REGIA

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 m), rocks and drill core are crushed and pulverized to -150 mesh (-100 m). Vegetation is dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded then sieved to recover -80 mesh sediment or ashed at 550°C then sieved to -80 mesh with potential loss by volatilization of Hg, As, Sb, Bi and Cr. Aliquots of 0.5 g are weighed into test tubes. Duplicate aliquots are taken from two samples in each batch of 34 samples to measure precision. An aliquot of sample standard STD C3 is added to each batch to monitor accuracy.

Sample Digestion

Aqua Regia is a 2:2:2 mixture of ACS grade conc. HCl, conc. HNO_3 and demineralized H_2O. Aqua Regia is added to each sample and to two empty reagent blank test tubes in each batch of samples. Sample solutions are digested for 1 hr in a hot water bath (90-95°C).

Sample Analysis

Group 1D: sample solutions are aspirated into a Jarrel Ash AtomComp 800 or 975 ICP emission spectrograph to determine 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Group 1DX: sample solutions are aspirated into a Perkin Elmer Optima 3300 Dual View ICP emission spectrograph to determine 35 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, *Ga*, *Hg*, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, *S*, Sb, *Sc*, *Tl*, Sr, Th, Ti, U, V, W, Zn.

Data Evaluation

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

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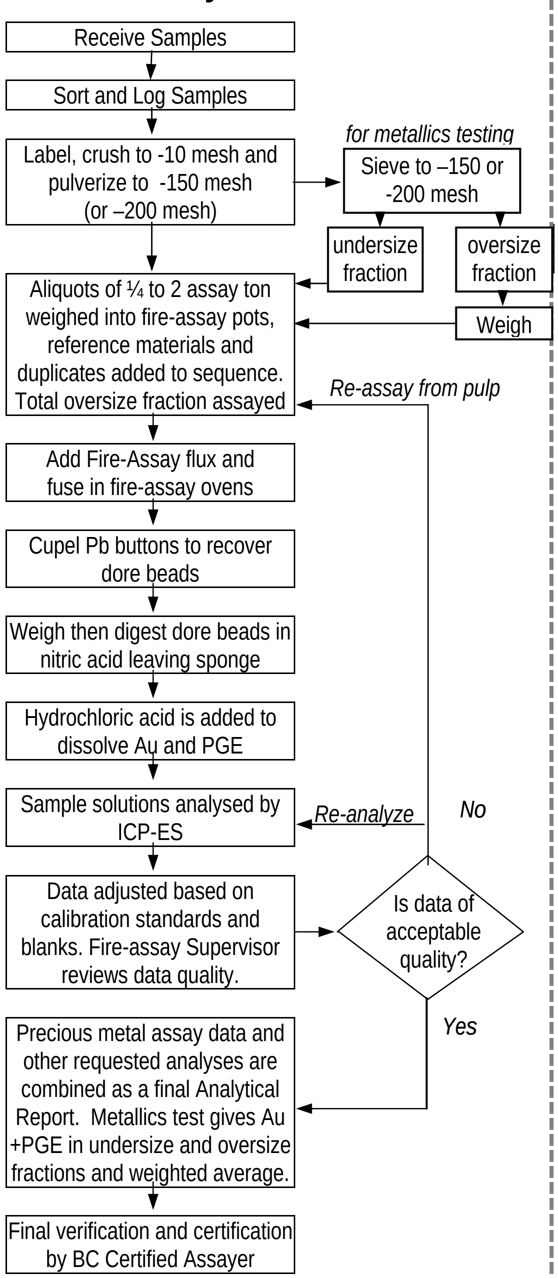
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 6 - PRECIOUS METAL ASSAY

Analytical Process



Comments

Sample Preparation

Rocks and drill core are crushed to 75% minus 10 mesh (-1.7 mm), a 250 g subsample is riffle split then pulverized to 95% minus 150 mesh (-100 microns) or minus 200 mesh upon request. Reject and pulp duplicate splits are taken from two samples in every 34 to monitor sub-sampling variation related to sample inhomogeniety and analytical variation, respectively. One quarter (7.5 g) to two assay ton (58.4 ±0.01g) splits are weighed. STD Au-1 (Au reference material), STD Ag-2 (Ag reference material) or STD FA-10R (Au, Pt, Pd, Rh reference material) and a blank are added to each analytical batch to monitor accuracy. Results are reported in imperial (oz/t) or metric (gm/mt) measure. For metallics testing, 500+ gm is pulverized and sieved through a 150 or 200 mesh screen. The oversize material on the screen is weighed and assayed in total. A 1 or 2 assay ton split of the undersize fraction is also assayed .

Sample Digestion

Sample split is mixed with fire-assay fluxes containing PbO litharge and a Ag inquart then heated at 1000°C for 1 hour to liberate Au + PGE. After cooling, lead buttons are recovered and cupelled at 950°C to render Ag ±Au ±Pt ±Pd ±Rh dore beads. Beads are weighed then leached in 1 mL of conc. HNO_3 at >95°C to dissolve Ag leaving Au ±PGE sponges. A Au inquart is used for Rh assays where the concentration is likely to exceed 10 ppb. The sponge is dissolved by adding 6 mL of 50% HCl.

Sample Analysis

The solutions are analyzed by ICP-ES (Jarrel Ash Atom-Comp model 800 or 975) to determine Au, Pt, Pd and Rh. Au or PGEs over 1 oz/t are determined by gravimetric finish. Ag is determined both by fire assay and wet assay. Ag over 10 oz/t is reported from the fire assay while concentrations <10 oz/t are reported from the wet assay. Metallics testing reports concentrations of Au ±PGEs in the undersize fraction, the oversize fraction and the calculated weighted average of these fractions.

Data Evaluation

Raw and final data undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

APPENDIX 4

SOIL SAMPLE DESCRIPTIONS AND MAPS

Table A1: Locations and descriptions of the soil samples.

Line	Sample #	Easting	Northing	Elevation	Description
100	TR_100_01	675882	6052553	1080	next to road, clay, with pebbles, grayish brown, 30 cm
100	TR_100_02	675928	6052535	1081	flat forest, brown (reddish), wet , 30 cm
100	TR_100_03	675964	6052515	1080	~40 cm, flat forest, reddish grey
100	TR_100_04	676009	6052503	1081	~25 cm, flat forest, grayish brown
100	TR_100_05	676059	6052486	1086	~30 cm, flat forest, brown
100	TR_100_06	676100	6052477	1091	25 cm, flat forest, grayish brown
100	TR_100_07	676144	6052466	1082	30 cm, flat forest, grey brown
100	TR_100_08	676203	6052437	1087	flat, forest, 30 cm, reddish grey
100	TR_100_09	676251	6052404	1087	forest, 30 cm, thick organic layer, grey, abundant roots, at foot of 5m hill
100	TR_100_10	676298	6052409	1098	top of 5m hill, thin organic layer, very pebbly, sandy, 30 cm
100	TR_100_11	676349	6052397	1098	top of steep ravine, abundant till and roots, 20 cm, pebbly, sandy
100	TR_100_12	676381	6052350	1068	bottom of ravine, 25 cm, reddish-brown, clay
100	TR_100_13	676422	6052374	1084	top of ravine, till, 20 cm, abundant rocks and pebbles, reddish brown
100	TR_100_14	676478	6052344	1096	flat, forest, 30 cm, brown
100	TR_100_15	676521	6052327	1097	25 cm, flat, forest, grey brown, clay
100	TR_100_16	676570	6052313	1099	25 cm, whitish grey-brown, forest, flat
100	TR_100_17	676602	6052301	1090	top of small hill, 20 cm, till, very pebbly, reddish brown
100	TR_100_18	676662	6052288	1088	20 cm, dark brown, organic, abundant roots and pebbles
100	TR_100_19	676716	6052287	1089	gentle slope, reddish brown, 35 cm
100	TR_100_20	676755	6052258	1096	gentle slope, forest, 20 cm, reddish brown
100	TR_100_21	676802	6052245	1098	flat, forest, 25 cm, brown
101	TR_101_01	675905	6052637	1103	flat, forest, 30 cm, sandy, pebbly, brown
101	TR_101_02	675963	6052607	1083	next to road, flat, forest, 20 cm, abundant roots
101	TR_101_03	676005	6052603	1093	in the middle of swamp, 50 cm, black, organic
101	TR_101_04	676048	6052578	1097	gentle slope, 35 cm, sand
101	TR_101_05	676103	6052589	1099	flat, forest, 30 cm, wet, sand-clay, grey-brown, pebbly
101	TR_101_06	676147	6052559	1109	on top of hill, 30 cm, brown, pebbly
101	TR_101_07	676192	6052542	1104	top of ridge, 30 cm, very sandy, rocks and pebbles, brown
101	TR_101_08	676227	6052527	1105	bottom of ravine, swamp, 30 cm, black, organic

101	TR_101_09	676270	6052502	1112	flat, forest, very dry, brownish grey, 30 cm
101	TR_101_10	676319	6052507	1114	flat, forest, 25 cm, brown
101	TR_101_11	676370	6052484	1069	top of ravine, 30 cm, reddish-brown
101	TR_101_12	676407	6052462	1036	bottom of steep hill, 25 cm, reddish-brown, clay
101	TR_101_13	676444	6052436	1054	very steep hill, 30 cm, reddish-brown, abundant roots
101	TR_101_14	676504	6052443	1056	top of small hill, sand-clay, 35 cm, brown
101	TR_101_15	676541	6052413	1063	flat, 30 cm, dark brown, clay
101	TR_101_16	676594	6052409	1061	flat, abundant roots and pebbles, reddish-brown, 20 cm, sand-clay
101	TR_101_17	676633	6052394	1078	bottom of hill, swamp, organic, 50 cm, black-brown, wet
101	TR_101_18	676681	6052376	1071	20 cm, very rocky, roots, blackish-brown
101	TR_101_19	676729	6052355	1088	gentle slope, 20 cm, brown
101	TR_101_20	676770	6052348	1076	on hill, 30 cm, brown
101	TR_101_21	676822	6052321	1075	flat, forest, 25 cm, brown
102	TR_102_01	675947	6052741	1115	flat, forest, 25 cm, brown, pebbly
102	TR_102_02	675996	6052731	1097	flat, forest, 20 cm, grey, sandy, till, pebbly
102	TR_102_03	676039	6052709	1097	flat, forest, 30 cm, brown, sandy, pebbly
102	TR_102_04	676079	6052696	1101	no sample taken, swampy lake area
102	TR_102_05	676137	6052673	1103	top of hill, clay, 25 cm, grayish-brown
102	TR_102_06	676168	6052656	1100	swamp, 40 cm, organic, black-brown, wet
102	TR_102_07	676217	6052645	1103	top of hill, 25 cm, brownish-red, clay
102	TR_102_08	676267	6052627	1098	flat, top of ravine, 30 cm, reddish brown, clay
102	TR_102_09	676312	6052613	1091	5 m from creek, slope, 20 cm, brown, clay
102	TR_102_10	676352	6052603	1090	slope, very rocky and pebbly, 20 cm, sandy
102	TR_102_11	676396	6052585	1092	hill, 30 cm, brown, clay
102	TR_102_12	676446	6052567	1103	top of ravine, 25 cm, many rocks and pebbles, sandy, reddish-brown
102	TR_102_13	676502	6052557	1106	flat, dense forest, 30 cm, brown, sand-clay, pebbly
102	TR_102_14	676543	6052534	1107	5 m from creek, bottom of ridge, 35 cm, rocky, abundant organic material
102	TR_102_15	676582	6052518	1107	flat, forest, sandy, brown, 30 cm, very rocky, +/- organic material
102	TR_102_16	676627	6052505	1110	flat, forest, 30 cm, sandy, rocky, reddish-brown
102	TR_102_17	676666	6052499	1123	30 cm, reddish-brown, clay, slope
102	TR_102_18	676721	6052470	1128	30 cm, brown, clay, bottom of hill
102	TR_102_19	676764	6052457	1122	5 m from top of hill, 30 cm, grey, sandy, pebbly

102	TR_102_20	676804	6052450	1047	top of gentle hill, 30 cm, reddish-brown, clay
102	TR_102_21	676840	6052404	1054	35 cm, gentle slope, brown, clay-sand
103	TR_103_01	675974	6052840	1119	flat, forest, 30 cm, reddish brown, clay-sand
103	TR_103_02	676016	6052844	1100	forest, bottom of 5m high ridge, 30 cm, reddish-brown, clay
103	TR_103_03	676063	6052805	1099	flat, forest, abundant roots, 20 cm, light grey, sandy
103	TR_103_04	676116	6052786	1102	flat, forest, abundant roots, 30 cm, grey
103	TR_103_05	676158	6052773	1103	clear area, 30 cm, clay-sand
103	TR_103_06	676206	6052762	1106	clear area, 30 cm, brown, very pebbly-rocky, sand-clay
103	TR_103_07	676252	6052739	1105	clear area, black-brown, 25 cm, organic
103	TR_103_08	676303	6052727	1109	clear area, flat, swampy, black, 40 cm
103	TR_103_09	676337	6052710	1110	flat, forest, 25 cm, brown, clay
103	TR_103_10	676392	6052701	1089	flat, forest, 30 cm, brown, clay-sand
103	TR_103_11	676435	6052691	1084	flat, forest, 30 cm, brown, clay
103	TR_103_12	676472	6052688	1071	flat, forest, 30 cm, brown, clay-sand
103	TR_103_13	676530	6052653	1104	next to road, 30 cm, brown, clay
103	TR_103_14	676564	6052651	1093	20 cm, gentle slope, brown, rocky and pebbly
103	TR_103_15	676615	6052639	1088	gentle slope, 25 cm, very pebbly, sand-clay, reddish brown
103	TR_103_16	676647	6052613	1071	5 m up slope from creek, 30 cm, clay, brown
103	TR_103_17	676693	6052581	1077	steep slope, 25 cm, brown, sand-clay
103	TR_103_18	676742	6052577	1100	flat forest, from 20 cm, grayish brown, very clay-rich
103	TR_103_19	676790	6052562	1104	forest, gentle slope, 30 cm, brown, sandy-clay
103	TR_103_20	676827	6052551	1107	flat dense forest, abundant rocks, 20 cm, brown, sand-clay
103	TR_103_21	676879	6052554	1110	forest, gentle slope, 30 cm, brown, clay-sand
104	TR_104_01	676009	6052926	1123	dense forest, 25 cm, black, dry, sandy
104	TR_104_02	676050	6052926	1100	swamp, 40 cm, black, organic
104	TR_104_03	676104	6052885	1101	swamp, 20 cm, light grey, sand
104	TR_104_04	676145	6052891	1089	swamp, flat, 30 cm, light grey, wet
104	TR_104_05	676187	6052873	1124	clear area, dry sandy to clay, light grey, 30 cm
104	TR_104_06	676233	6052861	1121	clear area, dry, 30 cm, light grey, clay, pebbly
104	TR_104_07	676281	6052839	1116	clear area, 30 cm, dark grey, very dense and hard, clay
104	TR_104_08	676329	6052821	1113	clear area, organic, 25 cm, black, clay
104	TR_104_09	676375	6052810	1110	clear area, dry, 30 cm, sandy, light grey

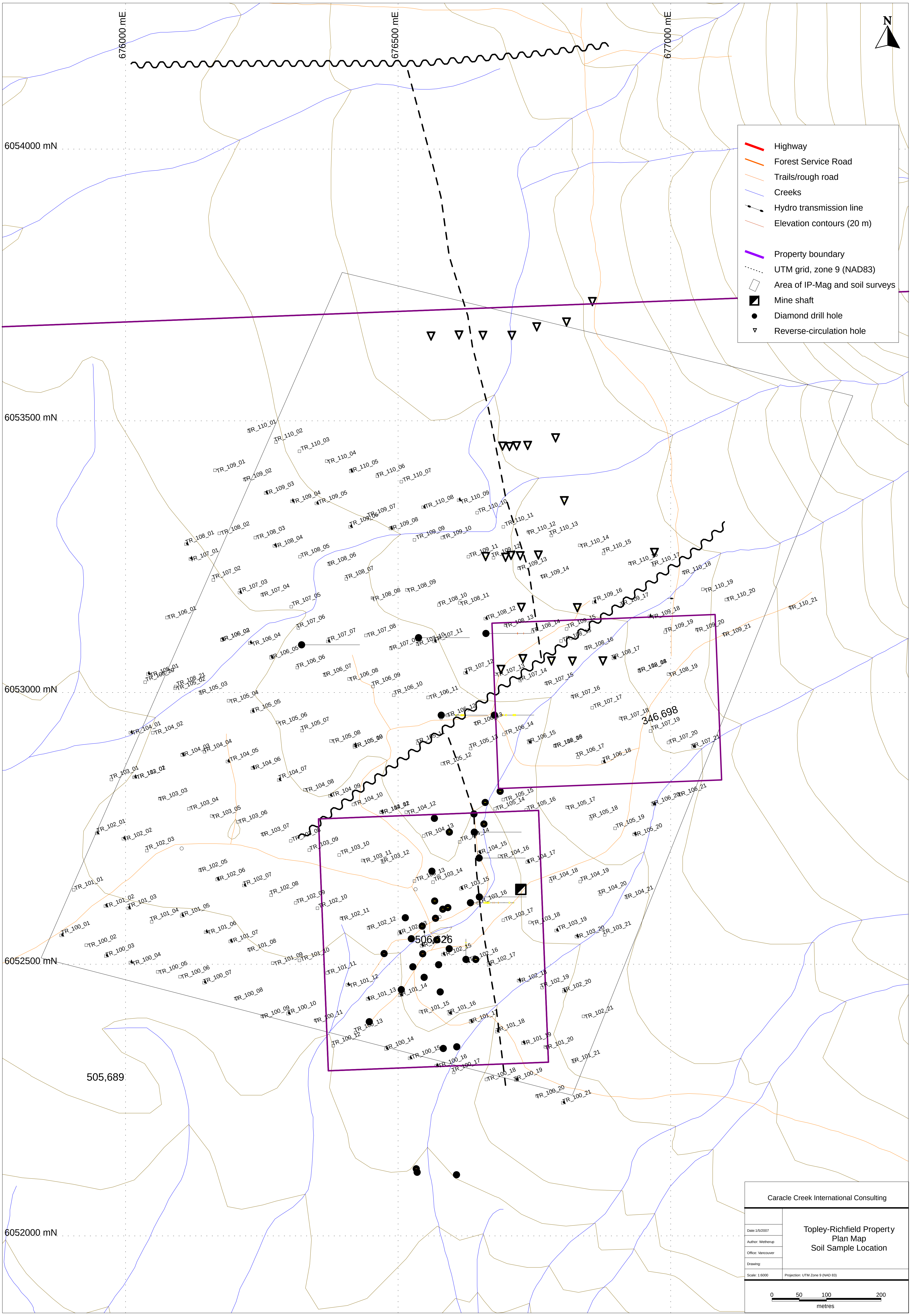
104	TR_104_10	676418	6052794	1112	at the edge of swamp, extremely rooty, organic, 50 cm, brown, wet, clay
104	TR_104_11	676469	6052780	1120	forest, by road, 30 cm, brown, clay, flat
104	TR_104_12	676515	6052780	1124	forest, flat, 40 cm, brown, sandy, dry
104	TR_104_13	676547	6052736	1125	flat, forest, 35 cm, light brown, sand
104	TR_104_14	676613	6052725	1125	flat, forest, 40 cm, brown, sand
104	TR_104_15	676648	6052705	1116	bottom of steep cliff (ravine), 15 cm, blackish brown, roots
104	TR_104_16	676686	6052699	1137	dump from the UG workings, mostly gravel, 40 cm, light grey
104	TR_104_17	676737	6052688	1134	top of steep ridge, 30 cm, brownish red, pebbly
104	TR_104_18	676780	6052653	1138	slope, 35 cm, reddish brown, clay
104	TR_104_19	676834	6052652	1145	gentle slope, forest, 25 cm, brown, clay
104	TR_104_20	676871	6052629	1147	gentle slope, forest, 25 cm, grayish brown, clay-sand
104	TR_104_21	676919	6052623	1150	bottom of a valley with bog, 30 cm, organic, black
105	TR_105_01	676041	6053034	1107	edge of clear area , 30 cm, grey, clay
105	TR_105_02	676091	6052008	1104	clear area, 25 cm, light grey, sandy, dry
105	TR_105_03	676138	6052999	1103	clear area, 30 cm, grey, clay-sand
105	TR_105_04	676189	6052985	1105	clear area, dry, 25 cm, hard, light grey, sandy
105	TR_105_05	676232	6052965	1106	clear area, dry, 25 cm, grey, sandy
105	TR_105_06	676279	6052945	1108	clear area, dry, 25 cm, light grey, sandy
105	TR_105_07	676324	6052930	1112	swampy, flat, 30 cm, dark grey, clay-sand, organic
105	TR_105_08	676377	6052911	1114	swamp, organic, 40 cm, dark brown
105	TR_105_09	676420	6052903	1069	beginning of swampy area, 25 cm, grey-brown, clay-sand
105	TR_105_10	676420	6052900	1139	flat, forest, next to old road, 7 m from slope, 30 cm, dry, sandy, light grey
105	TR_105_11	676536	6052907	1076	foot of hill, forest, 25 cm, light brown, sandy
105	TR_105_12	676581	6052869	1076	swamp, organic, 40 cm, black
105	TR_105_13	676633	6052897	1079	bottom of steep hill, forest, 25 cm, light brown, clay
105	TR_105_14	676678	6052786	1090	top of steep ravine, forest, 25 cm, grey, sandy
105	TR_105_15	676693	6052803	1096	flat, forest, 25 cm, light brown, grey, sand
105	TR_105_16	676735	6052784	1088	flat, forest, 30 cm, brown, clay
105	TR_105_17	676810	6052789	1069	top of hill, 25 cm, reddish brown, clay-sand
105	TR_105_18	676854	6052768	1127	hilly, forest, top of small ridge, 30 cm, brown, clay-sand
105	TR_105_19	676898	6052750	1131	flat, forest, on top of steep hill, 15 cm, very rocky, brown, sandy, pebbly
105	TR_105_20	676933	6052739	1125	forest, flat ridge, brown, clay-silt, 20 cm

105	TR_105_21	no	sample		top of cliff, no soil, rock is volcanic (andesite?)
106	TR_106_01	676076	6053138	1113	flat, forest, 30 cm, reddish brown, clay
106	TR_106_02	676177	6053097	1125	edge of forest, top of gentle slope, 30 cm, brown, sandy
106	TR_106_03	676177	6053097	1125	edge of forest, flat, 30 cm, grey, sand-clay
106	TR_106_04	676228	6053091	1126	edge of forest, 5 m from a creek, wet, very pebbly, 25 cm, brown
106	TR_106_05	676267	6053064	1127	edge of clear area, forest, 30 cm, brown, clay-sand, very pebbly
106	TR_106_06	676315	6053046	1130	young forest, flat, 25 cm, reddish brown, sandy, very pebbly
106	TR_106_07	676366	6053032	1134	edge of forest, flat, 20 cm, grey, sand-clay
106	TR_106_08	676410	6053025	1138	swampy, 30 cm, brown, clay
106	TR_106_09	676454	6053011	1142	flat forest, edge of swamp, 30 cm, grey, brown, clay-sand
106	TR_106_10	676492	6052995	1141	flat, forest, 30 cm, black-grey, clay
106	TR_106_11	676555	6052991	1145	flat forest, abundant fallen trees, 20 cm, dark grey, sandy
106	TR_106_12	676590	6052958	1136	flat, forest, next to road, abundant roots, 20 cm, dark grey, clay-sand
106	TR_106_13	676643	6052943	1137	edge of forest, by old road or line, 20 cm, grey brown, clay
106	TR_106_14	676694	6052923	1139	flat, next to road or line, 25 cm, brown, clay
106	TR_106_15	676740	6052908	1139	flat, forest, 25 cm, grey, clay
106	TR_106_16	676788	6052902	1143	flat, forest, 30 cm, brown, clay, a few pebbles
106	TR_106_17	676830	6052881	1140	flat, forest, 30 cm, brown, clay-sand
106	TR_106_18	676876	6052872	1154	dense forest, 30 cm, dark-brown, sand-clay
106	TR_106_19	676925	6052866	1161	not possible to take a sample because roots could not be penetrated
106	TR_106_20	676968	6052794	1168	gentle slope, forest, 20 cm, brown, clay, slightly pebbly
106	TR_106_21	677017	6052812	1176	forest, gentle slope, 25 cm, dark-grey-brown, clay
107	TR_107_01	676119	6053246	1122	flat, forest, 30 cm, dark grey, clay
107	TR_107_02	676161	6053207	1129	dense forest, 20 cm of organic material, 30 cm, gray brown, clay-sand
107	TR_107_03	676209	6053184	1128	dense forest, boggy area, 45 cm, black, clay
107	TR_107_04	676251	6053180	1129	dense forest, flat, 30 cm, light grey, sandy, very hard
107	TR_107_05	676304	6053158		dense forest, flat, 25 cm, brown, sand-clay
107	TR_107_06	676317	6053119		flat, forest, swampy, 30 cm, brown, clay
107	TR_107_07	676371	6053094		flat, forest, 30 cm, brown, sandy
107	TR_107_08	676441	6053105	1145	forest, gentle slope, brown, clay, pebbly
107	TR_107_09	676487	6053081	1149	flat, forest, 25 cm, brown, clay-sand
107	TR_107_10	676536	6053089	1145	flat, forest, 30 cm, brown, clay

107	TR_107_11	676566	6053094	1145	flat, forest, 35 cm, grey-brown, sand
107	TR_107_12	676623	6053036	1155	flat, dense forest, 25 cm, light grey, sandy
107	TR_107_13	676678	6053034	1159	flat, by road, 30 cm, grayish brown, clay
107	TR_107_14	676724	6053022	1160	flat, forest, 25 cm, brown, clay-sand
107	TR_107_15	676772	6053017	1157	flat, forest, 30 cm, brown, sandy
107	TR_107_16	676820	6052993	1153	flat, forest, 60 cm, brown, sandy
107	TR_107_17	676856	6052972	1159	forest, 25 cm, brown, sand-clay
107	TR_107_18	676908	6052953	1155	forest, brown, sand, 15cm
107	TR_107_19	676963	6052929	1159	top of a ravine, gentle slope, very pebbly, reddish brown, sandy, 25 cm
107	TR_107_20	676996	6052908	1164	forest, gentle slope, 20 cm, reddish brown, sand-clay, very pebbly
107	TR_107_21	677041	6052900	1167	forest, gentle slope, 50 cm, grey, organic
108	TR_108_01	676111	6053273	1116	flat, forest, 40 cm, black, clay, organic
108	TR_108_02	676172	6053293	1122	flat, forest, brown, clay-sand, 25 cm
108	TR_108_03	676238	6053285	1129	flat, forest, organic, 40 cm, clay, black
108	TR_108_04	676273	6053270	1120	forest, flat, organic, 40 cm, dark grey
108	TR_108_05	676320	6053250	1126	flat, forest, 35 cm, dark brown, clay, organic
108	TR_108_06	676374	6053236	1130	flat, forest, organic, 35 cm, black, clay
108	TR_108_07	676405	6053209	1135	dense forest, flat, 35 cm, brown, clay
108	TR_108_08	676453	6053174	1135	flat forest, 50 cm, brown, hard
108	TR_108_09	676516	6053189	1143	flat, forest, 35 cm, organic, dark grey, clay
108	TR_108_10	676575	6053161	1147	flat, forest, 25 cm, brown, sandy, pebbly
108	TR_108_11	676613	6053165	1147	dense forest, 30 cm, brown, extremely pebbly, sand-clay
108	TR_108_12	676660	6053136	1147	flat, forest, 25 cm, light brown, sand
108	TR_108_13	676697	6053124	1152	flat, forest, 30 cm, light brown, sand
108	TR_108_14	676747	6053112	1157	flat, forest, organic, 45 cm, blackish grey, clay
108	TR_108_15	676799	6053095	1157	flat, forest, 30 cm, brown, clay
108	TR_108_16	676845	6053082	1159	flat, forest, 3 m from road, 30 cm, reddish brown, clay
108	TR_108_17	676895	6053063	1171	on ridge next to road, forest, 30 cm, brown, sand
108	TR_108_18	676943	6053040	1159	gentle slope, forest, 30 cm, reddish brown, clay
108	TR_108_19	676996	6053034	1162	forest, 5 m from small ravine with creek, 25 cm, brown, sandy
108	TR_108_20	676036	6053019	1170	dense forest, gentle slope, brown, sand-clay, 20 cm
108	TR_108_21	676092	6053626	1178	gentle slope, bog, 50 cm, organic, dark grey

109	TR_109_01	676164	6053409	1117	flat, forest, 25 cm, brown, clay
109	TR_109_02	676219	6053392	1123	flat, forest, 30 cm, light grey, sandy
109	TR_109_03	676257	6053367	1128	flat, forest, 35 cm, grey, sand, angular fragments of boulders
109	TR_109_04	676305	6053352	1134	flat, forest, 30 cm, medium grey, clay
109	TR_109_05	676350	6053348	1139	flat forest, 35 cm, medium grey, clay-sand
109	TR_109_06	676412	6053305	1141	flat, forest, 25 cm, grey brown, clay-sand, abundant pebbles
109	TR_109_07	676447	6053322	1143	forest, gentle slope, 30 cm, dark brown-black, organic, clay
109	TR_109_08	676486	6053302	1136	dense forest, gentle slope, organic, 35 cm, black, clay
109	TR_109_09	676530	6053281		forest, gentle slope, 30 cm, brown, clay-sand
109	TR_109_10	676581	6053285		forest, gentle slope, 15 cm, brown clay-sand, pebbly
109	TR_109_11	676629	6053250	1183	flat, forest, organic, 40 cm, black, clay, dry
109	TR_109_12	676675	6053248	1177	flat, forest, 20 cm, brown, sand-clay
109	TR_109_13	676722	6053229	1169	flat, forest, 30 cm, grey, sandy, clay
109	TR_109_14	676765	6053214	1164	flat, forest, 30 cm, brown, clay
109	TR_109_15	676809	6053117	1163	flat, forest, 30 cm, brown, mud
109	TR_109_16	676859	6053166	1161	flat, forest, boggy, 50 cm, brown mud, clay, wet
109	TR_109_17	676911	6053161	1167	flat, forest, next to clearing (=old line), 55cm, brown, clay, pebbly
109	TR_109_18	676961	6053140	1169	forest with slope, 30 cm, brown, clay
109	TR_109_19	676990	6053111	1172	flat, forest, on ridge next to road, 30 cm, light grey, sandy
109	TR_109_20	677048	6053116	1186	slope, forest, 35 cm, reddish brown, sandy
109	TR_109_21	677099	6053108	1192	forest, gentle slope, 30 cm, brown, sandy
110	TR_110_01	676227	6053481	1107	flat, forest, 25 cm, grey-brown, clay-sand, below roots
110	TR_110_02	676276	6053461	1129	flat, forest, 30 cm, grayish brown, clay-sand, pebbly
110	TR_110_03	676319	6053444	1137	flat, forest, 25 cm, grayish brown, clay-sand, very pebbly
110	TR_110_04	676369	6053426	1144	flat, forest, 25 cm, grayish brown, sandy, pebbly
110	TR_110_05	676413	6053407	1141	forest, gentle slope, 30 cm, black, clay, organic
110	TR_110_06	676462	6053398	1149	gentle slope, forest, 35 cm, grayish brown, sandy-clay, pebbly
110	TR_110_07	676506	6053388	1157	flat, forest, grey brown, sandy-clay, pebbly
110	TR_110_08	676546	6053341	1156	flat, forest, 20 cm, light grey, sand-clay, many pebbles
110	TR_110_09	676611	6053354	1160	flat, forest, organic, 35 cm, black, mud
110	TR_110_10	676645	6503331	1161	forest, gentle slope, light grey, sandy, 25 cm, pebbly
110	TR_110_11	676693	6053305	1163	flat, forest, 25 cm, brown, sand-clay, very pebbly

110	TR_110_12	676739	6053296	1164	flat, forest, 30 cm, reddish brown, sand-clay, pebbles
110	TR_110_13	676781	6053289	1165	forest, gentle slope, 30 cm, brown, sand-clay, pebbly
110	TR_110_14	676833	6053271	1182	flat forest, 30 cm, brown, clay-sand
110	TR_110_15	676877	6053256	1184	forest, undulating, 25 cm, reddish brown, clay-sand
110	TR_110_16	676925	6053238	1183	forest, gentle slope, 30 cm, reddish brown, clay-sand
110	TR_110_17	676969	6053235	1180	forest, gentle slope, 25 cm, dark grey, clay
110	TR_110_18	677024	6053221	1179	next to road, gentle slope, 25 cm, brown, clay
110	TR_110_19	677059	6053190	1185	forest, slope, rooty, rocky, organic, 30 cm, black
110	TR_110_20	677102	6053171	1192	forest, slope, organic, dark brown, clay, 20 cm
110	TR_110_21	677220	6053157	1215	forest, gentle slope, 20 cm, light grey (brown), sand
Dupl	TR_112_01	676016	6052844	1100	duplicate of TR_103_02
Dupl	TR_112_02	676469	6052780	1120	duplicate of TR_104_11
Dupl	TR_112_03	676788	6052902	1143	duplicate of TR06_106_16
Dupl	TR_112_04	676943	6053040	1159	duplicate of TR06_108_18



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Highway
Forest Service Road
Trails/rough road
Creeks
Hydro transmission line
Elevation contours (20 m)
Property boundary
UTM grid, zone 9 (NAD83)
Area of IP-Mag and soil surveys
Mine shaft
Diamond drill hole
Reverse-circulation hole
346,698
506,626
505,689
Caracle Creek International Consulting
Date:1/5/2007
Author: Wetherup
Office: Vancouver
Drawing:
Scale: 1:6000
Topley-Richfield Property
Plan Map
Soil Sample Location
Projection: UTM Zone 9 (NAD 83)
0
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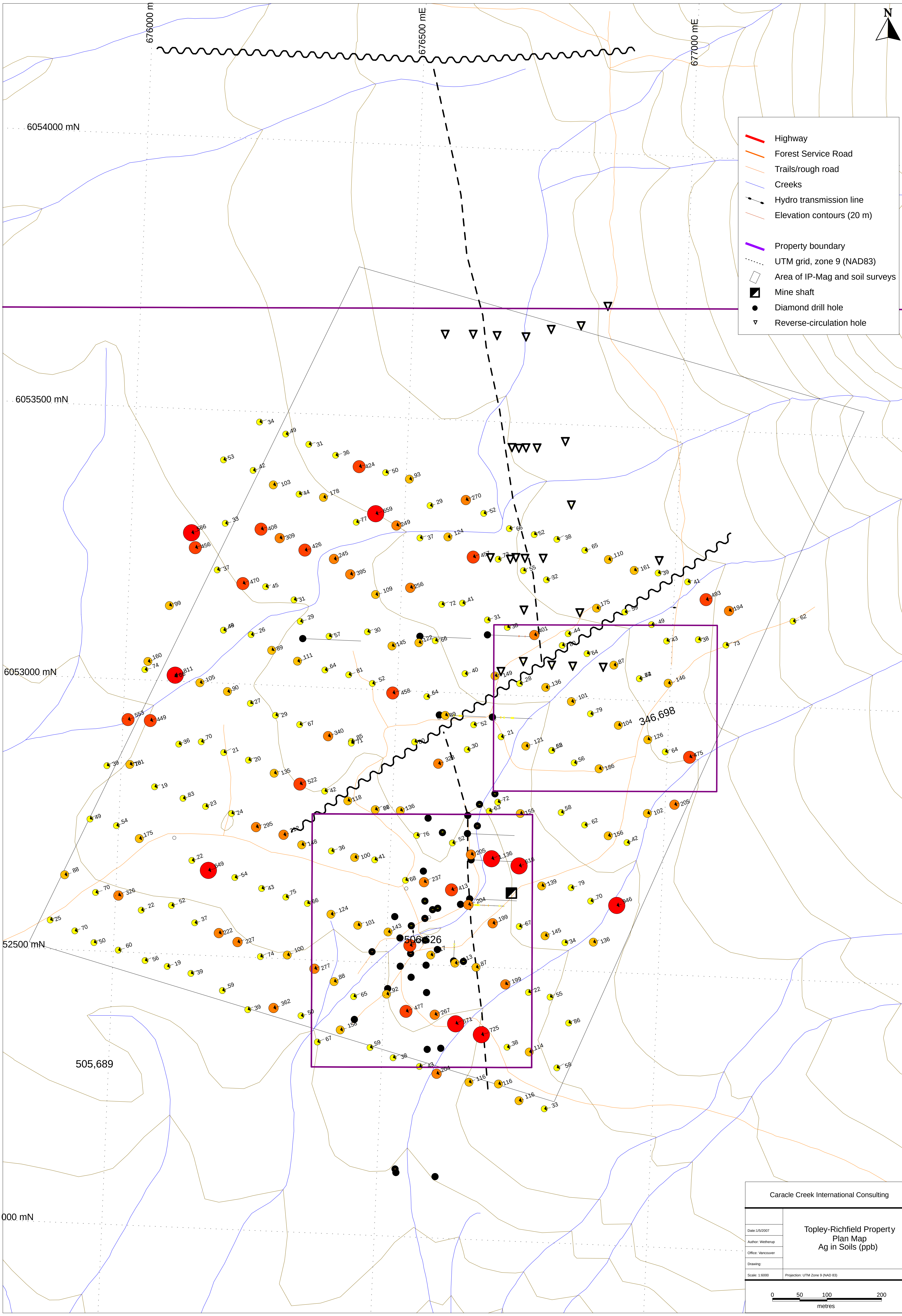
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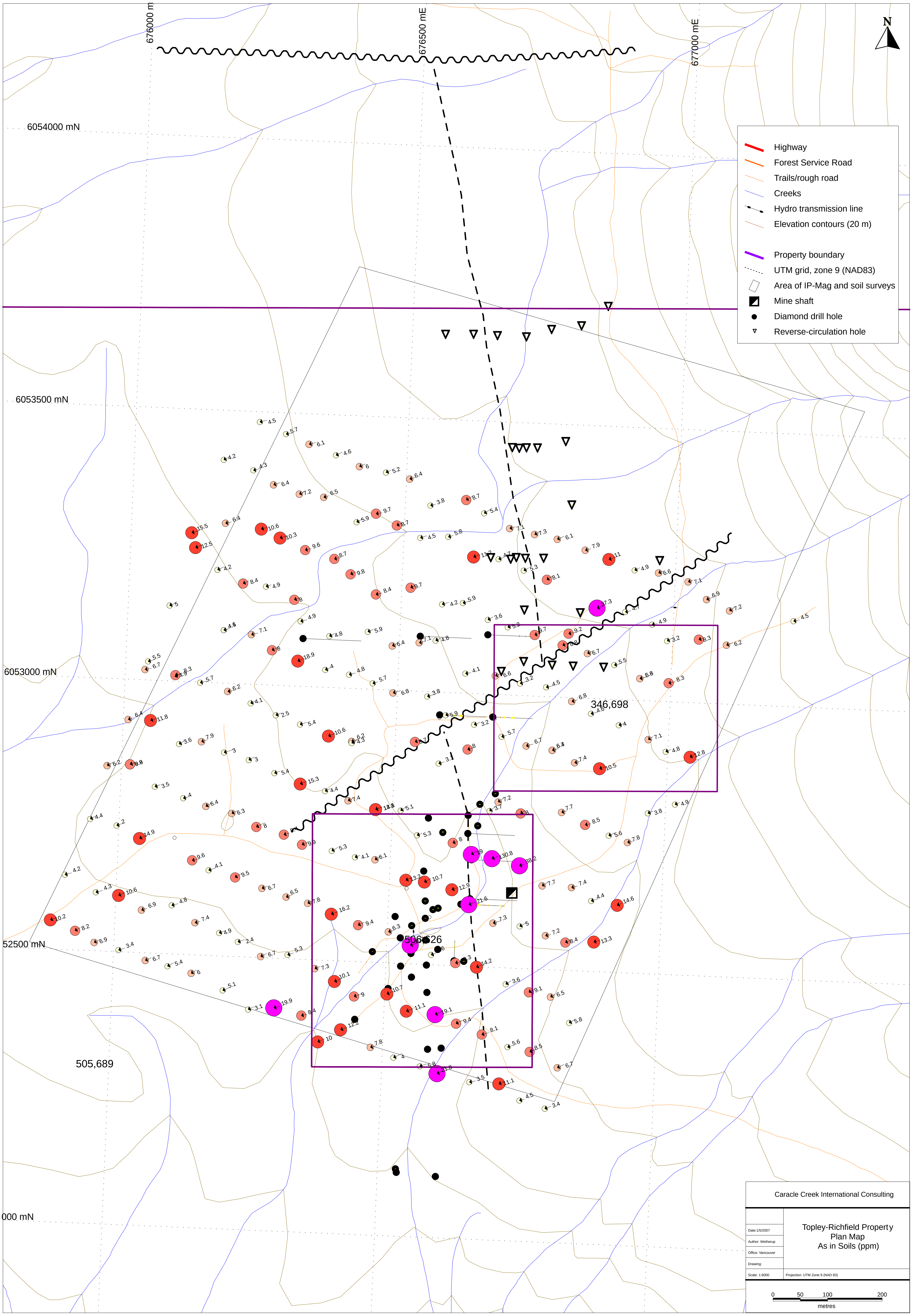

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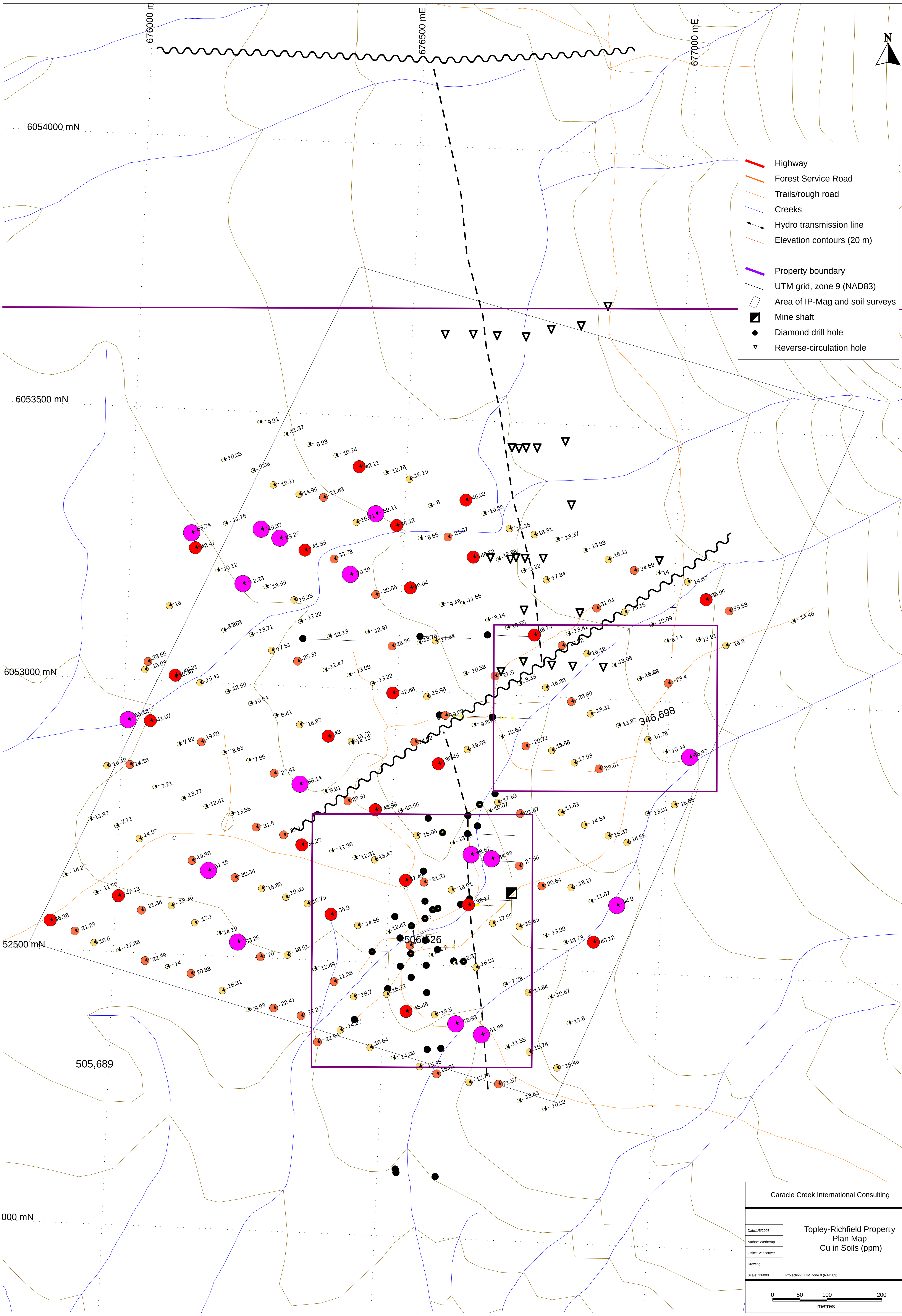

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Topley-Richfield Property
Plan Map
Cu in Soils (ppm)
Projection: UTM Zone 9 (NAD 83)
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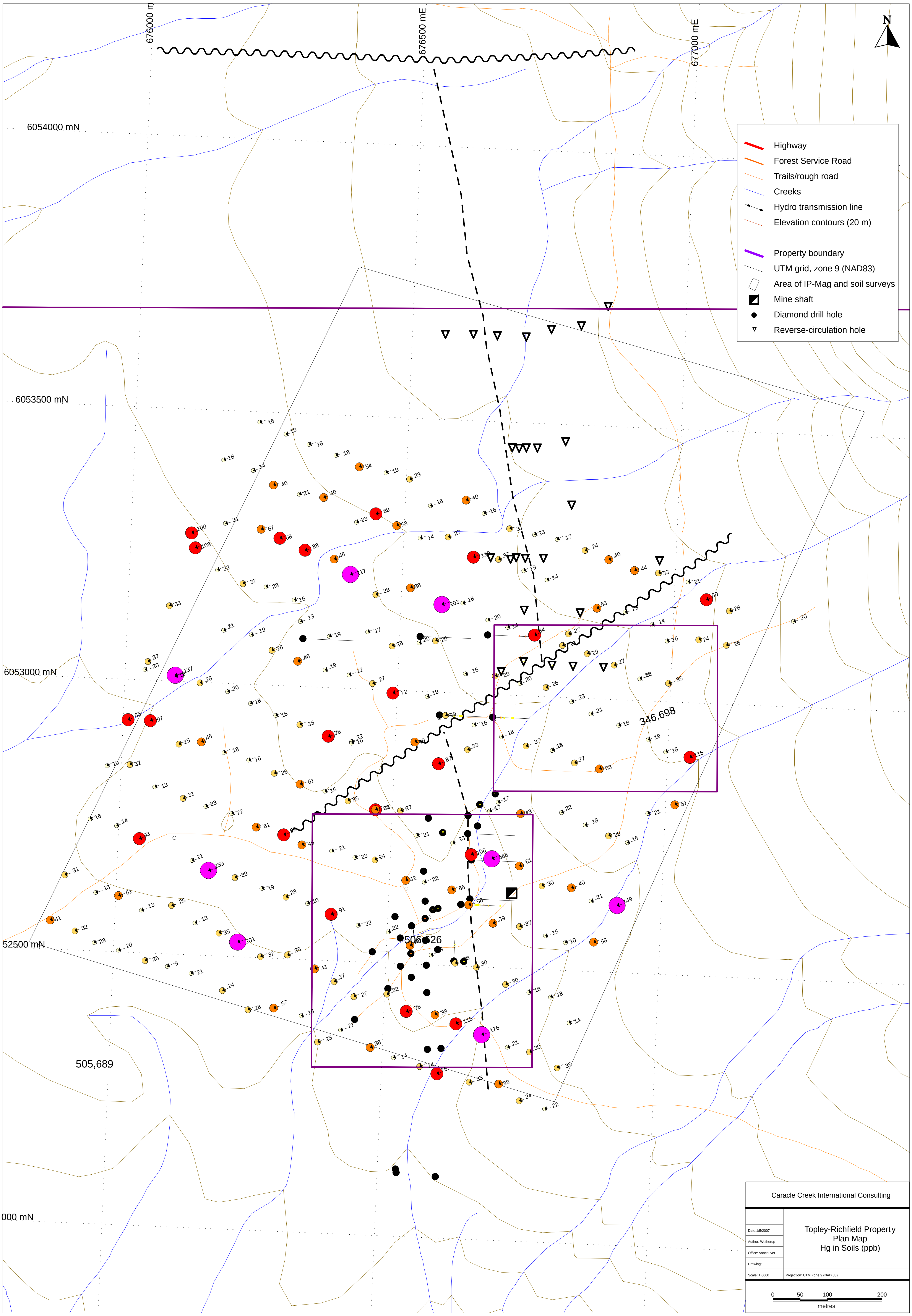
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Scale: 1:6000
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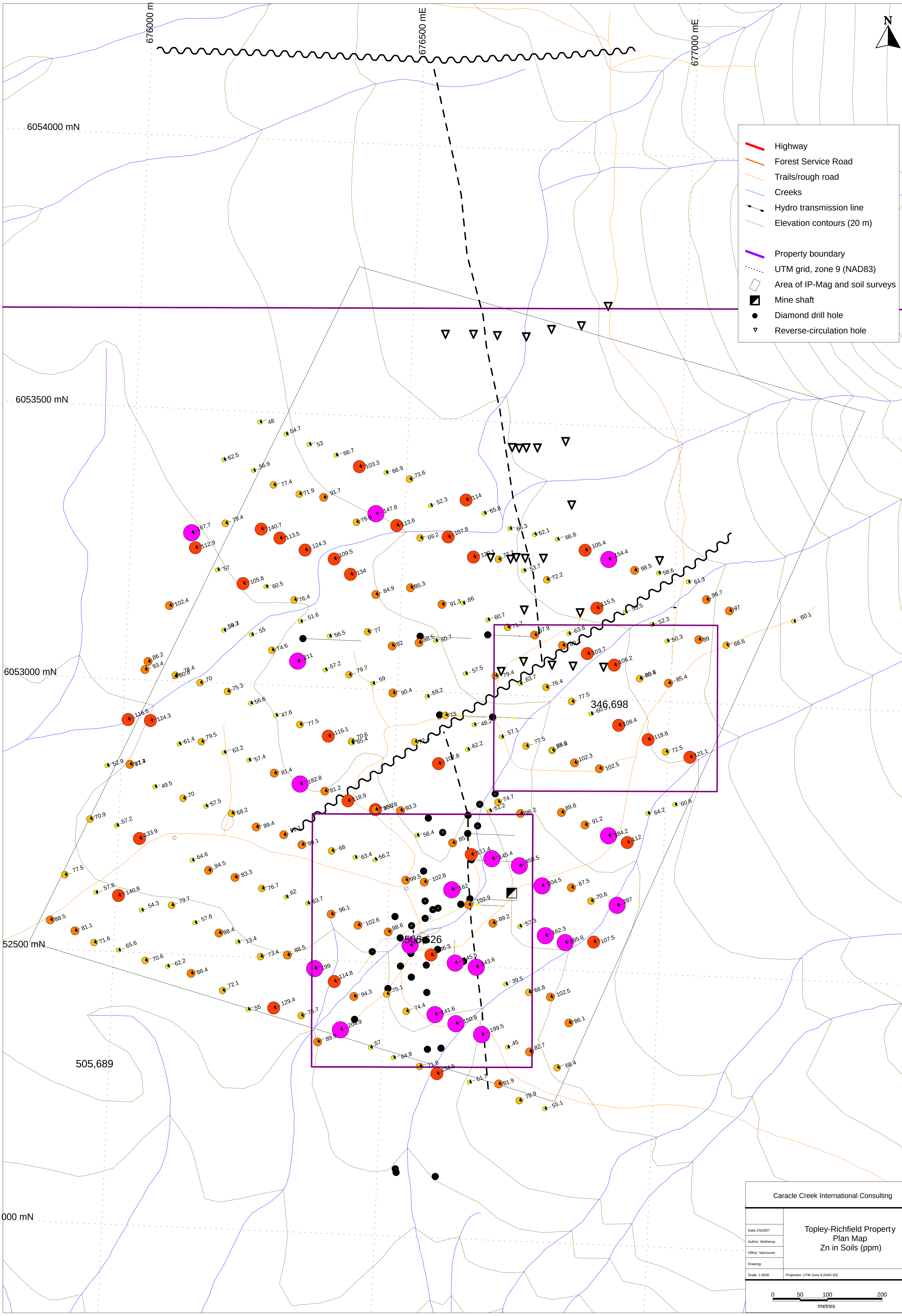
0 50 100 200
metres



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Projection: UTM Zone 9 (NAD 83)
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metres