ASSESSMENT REPORT

describing

GEOPHYSICAL WORK

specifically

2010 TEM SURVEY

on the

BURWASH PROPERTY

Bur	1-58	YC26564-YC26621
	59-70	YD34065-YD34076
Burwash	1-9	YB36423-YB36431
	10-33	YC18485-YC18508
Rub	1-29	YC40144-YC40172

NTS 115G/06

Latitude 61°27’N; Longitude 139°25’W

in the

Whitehorse Mining District

Yukon Territory

prepared by

Prophecy Platinum Corp.

Danniel J. Oosterman, P.Geol

October 2011

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INTRODUCTION

The Burwash Property is located in southwestern Yukon, and is a part of the Kluane Range. Prophecy Platinum Corp. currently owns 100% of the property. Aurora Geosciences was hired to perform geophysical work on the property in the summer months of 2010. They were originally hired by Pacific Coast Nickel Corp (PCNC), specifically by Mike Sweatman and Jim Walchuk, however in June 2011, PCNC announced that it would now be referred to as Prophecy Platinum Corp (TSX-V: NKL, OTC-QX: PNIKF, Frankfurt: P94P). The Prophecy Platinum Corp. holdings comprise a block of 130 claims on the Burwash Property. The expiry dates for these claims vary ranging from the years 2016 to 2028 and are listed in Appendix II. The primary objective of the time domain electromagnetic survey (PROTEM) was to determine how connected the mineralized ore bodies of the Burwash Property were at depths greater than 60 meters. The results of this survey are the subject of this report.

2010 PROGRAM

The 2010 exploration program was focused on geophysical work. Aurora Geosciences was the company contracted to complete this work on the Burwash Property by Pacific Coast Nickel Corp, which in June 2011 was renamed to Prophecy Platinum Corp. Geophysical fieldwork began July 13th, 2010 and was completed September 7th, 2010. Crew size ranged from one to eight members over the length of the survey. All geophysical personnel were supplied by Aurora Geosciences and the details of this crew and their work terms are outlined in Appendix III.

A time domain electromagnetic (PROTEM) survey was completed over the two-month period. The primary objective of the survey was to determine the level of connectedness of the mineralized sulphide bodies at depths greater than 60m.

PROPERTY OWNERSHIP

The geophysical work on the Burwash Property was completed at the time of Pacific Coast Nickel Corporation (PCNC)'s ownership. PCNC acquired the property from Strategic Metals Ltd. (TSX-V: SMD) in April 2011. Prior to this date the property was owned both by PCNC and Strategic Metals Inc. Burwash became the property of Prophecy Platinum Corp. when the name of PCNC was changed to Prophecy Platinum in June 2011. It is currently owned 100% by Prophecy Platinum Corp.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Burwash Property is located on the northeast edge of the Kluane Range, in the south-western part of the Yukon Territory (Figure 1). The elevations on the property can range from 1250m up to 1980m on ridge crests. The Aurora Geosciences camp was set up just off of Quill Creek Road, approximately 30 minutes north of Burwash.

The claims that the geophysical survey was performed on are shown in Figure 2. The property is comprised of 130 contiguous mineral claims, registered with the Whitehorse Mining Recorder in the name of Prophecy Platinum Corp. The western-most portion of the property is located on Kluane First Nation 'B' lands, which apply only to surface rights, whereas the rest of the property are Kluane First Nation 'A' lands. If those claims are allowed to lapse, they cannot be reacquired and the mineral rights will revert to the Kluane First Nation.

The property can be accessed by an 8 km all-weather road that is connected to the Alaska Highway. A four-wheel drive road approximately 5 km in length connects the west and central parts of the property with the Wellgreen Mine access road in the Quill Creek Valley.

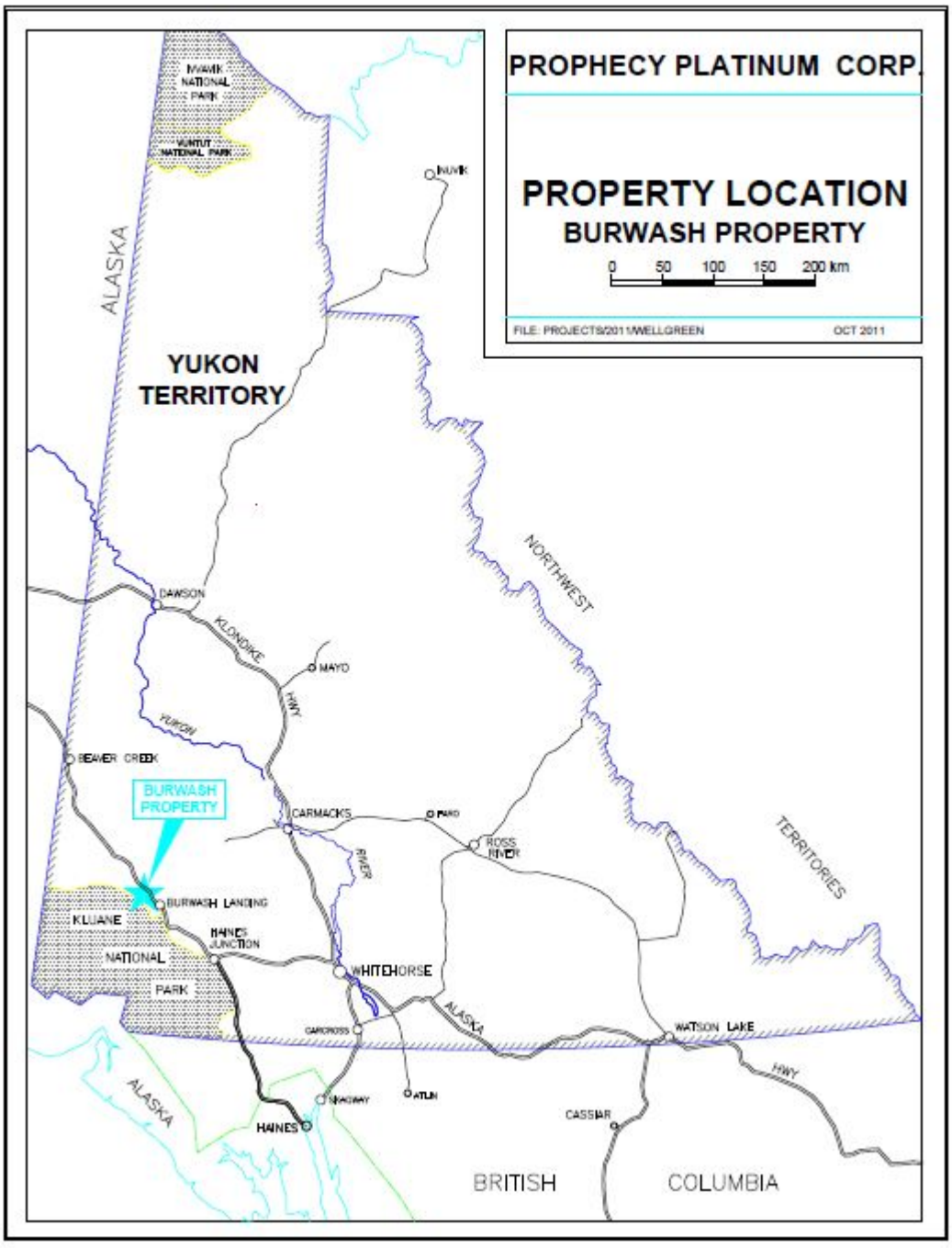

Figure 1: Location Map of Burwash Property

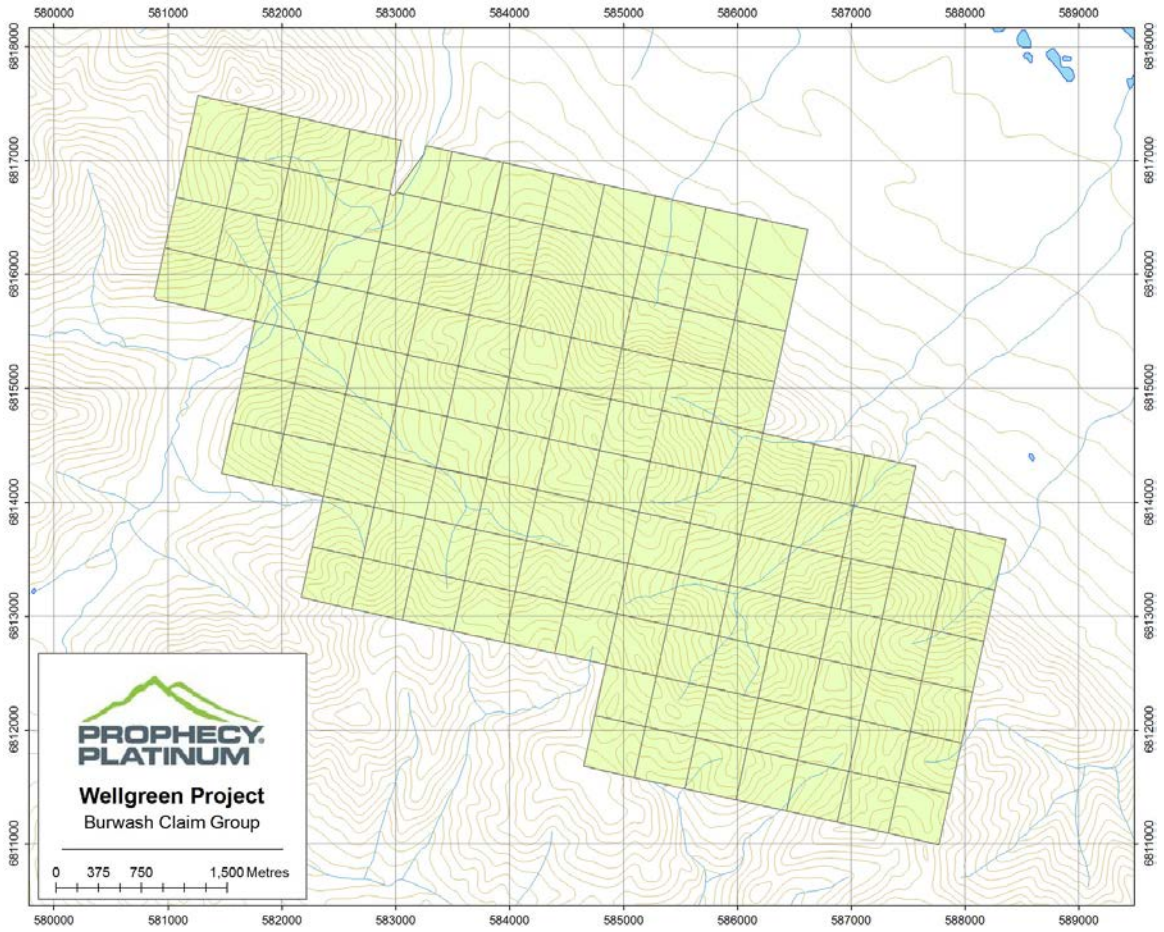

Figure 2: Claim Map

PROPERTY HISTORY AND PREVIOUS INVESTIGATIONS

Burwash

The Burwash Property contains mineralized mafic and ultramafic rocks that are similar to those of the Wellgreen Property. At the time of discovery of the Wellgreen Property in 1952, the Burwash was grouped in with it and explored by Yukon Mining Company Ltd. After minor exploration, mineralization on the Burwash Property appeared to parallel what other had seen on the resource-rich Wellgreen Property. The property was then restaked in 1965 by Quill Creek Copper Mines Ltd., and was optioned in 1967 and 1972 to Newmont and to the Nickel Syndicate respectively. Both companies completed geological mapping and sampling during their option agreement. From 1987 to 1990 All-North and two joint venture partners completed grid soil sampling, geophysical surveys, road construction and three shallow diamond drill holes. Northern Platinum continued minor exploration work on the property in 1997. The Linda Property claims were

allowed to lapse in 2003 and were immediately restaked as the Bur claims by Strategic Metals Inc. and now are a part of the Burwash Property.

The Burwash claims were first staked in 1991 and again in 1999, when 24 claims were added to the existing nine. Geochemical surveys and detailed mapping were completed in 1998, 1999 and 2000 and indicated strong anomalies associated with mafic-ultramafic intrusions as predicted. 58 additional claims were staked in the spring of 2004 to cover areas west of the original Burwash Property, as this area appeared to have strong potential for economic mineralization. In August 2005, twenty-nine claims were added to the north side of the property. Golden Chalice Resources Inc. and Strategic Metals Ltd. organized the exploration of the Burwash Property in 2005, completing diamond drilling soil sampling, prospecting and geological mapping.

In 2004, Golden Chalice funded excavator trenching, geochemical surveying and geological mapping on the Burwash Property, and followed up in 2005 with diamond drilling and geochemical sampling. Golden Chalice continued exploration in 2007 with prospecting, geological mapping and soil geochemistry on the Rub 1-29 claims. Recently, in 2008, Pacific Coast Nickel Corp. gained part ownership and engaged with Strategic Metals Inc. in exploration ventures.

ECONOMIC POTENTIAL OF NEARBY OCCURENCES

Wellgreen

The Wellgreen Property is located 7 km west of the Burwash Property boundary and has a rich mining history. It was discovered in 1952 by prospectors, and was quickly optioned to Hudson Yukon Mining Co. Ltd; a subsidiary of Hudson Bay Exploration and Development Company Limited. It is a platinum group metal (PGM)-rich Ni-Cu deposit. It was mined primarily for nickel and copper in 1972 and 1973 through an underground operation. The Wellgreen mine produced a total of 171,652 tons with assay results of 2.23% Ni, 1.39% Cu, 0.065 oz. Pt/ton and 0.073% cobalt. A combination of failing metal prices, dilution from poor ground conditions and erratic sulphide lens distribution caused the mine to cease production and close in 1973. Since mine closure, Chevron Minerals, All- North Resources, Northern Platinum and Coronation Minerals Inc. have all continually explored the Wellgreen property further. The Wellgreen Property is currently owned 100% by Prophecy Platinum Corp.

GEOLOGY

Regional Geology

The Burwash Property is a part of the Kluane Ultramafic belt and falls within the larger Wrangellia Terrane that runs from Vancouver Island to central Alaska (Figure 3). This terrane is an oceanic plateau primarily comprised of late Paleozoic to Triassic volcanic and sedimentary rocks that are overlain by Jurassic-Cretaceous sedimentary assemblages. Upper Triassic amygdaloidal volcanic rocks cap this sequence. There are also some mafic to ultramafic rocks that occur in the upper portion of the Permian sections and in

the Triassic flows. This entire sequence is heavily folded and faulted making stratigraphic thicknesses difficult to determine.

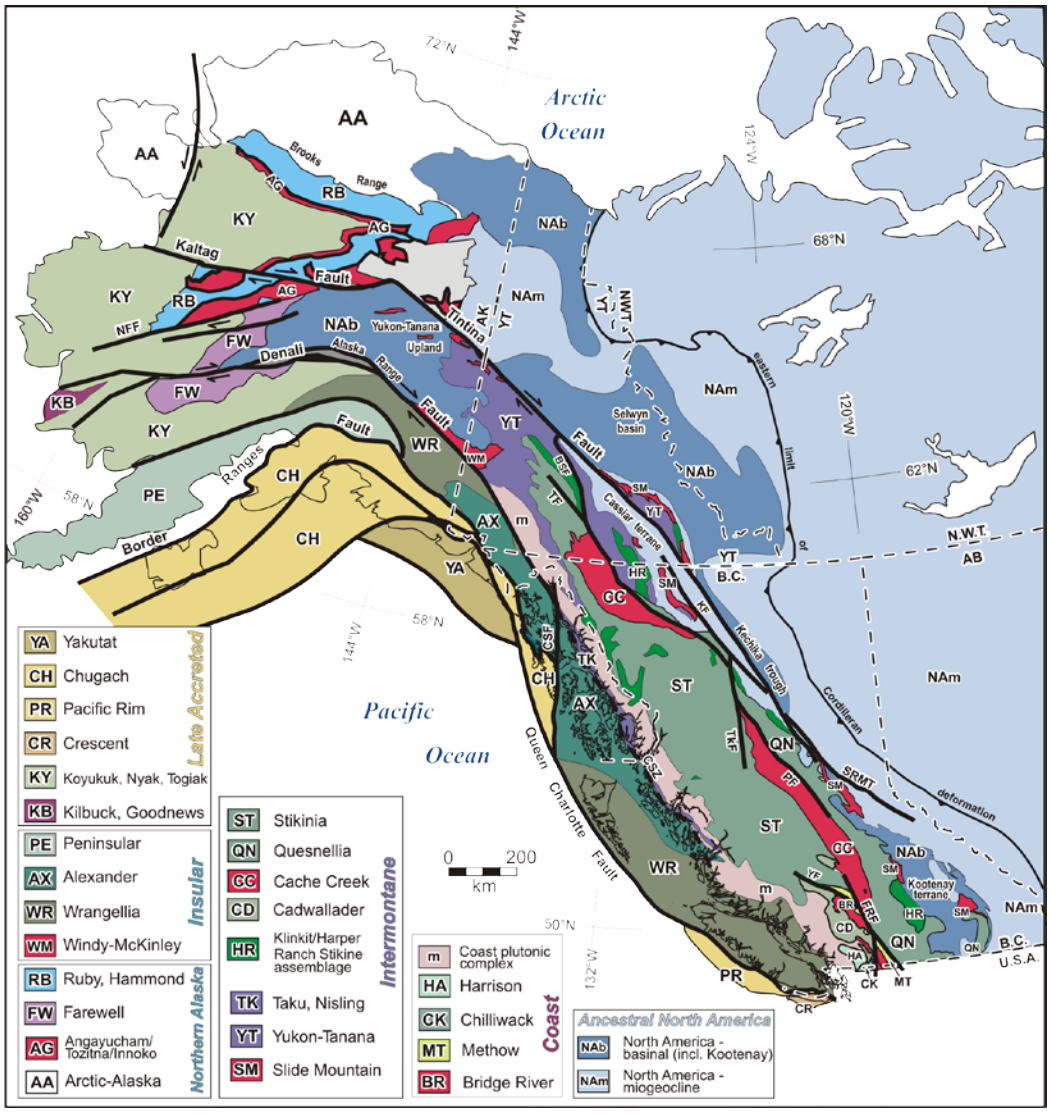

Figure 3: Terrane Map of Western Canada and Alaska (Yukon Geologic Survey, 2005)

Stratigraphy

The main stratigraphic units in the region include the Skolai and Nikolai Assemblage, the Kluane Mafic-Ultramafic Suite as well as the Maple Creek Gabbro. These are the rocks that are exposed and important on the Burwash Property. They are outlined in order from oldest to youngest rocks and are pictured in Figure 4 below.

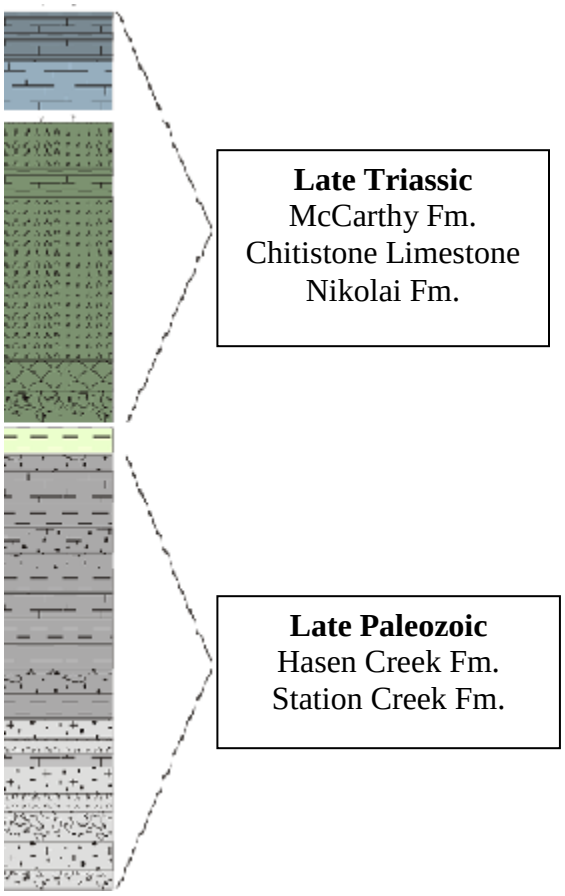

Figure 4: Wrangellia General Stratigraphy (Yukon Geologic Survey, 2005)

The *Skolai Assemblage* represents the oldest rocks in the project area. This package is approximately 1000 m thick on average and is separated into the Lower Station Creek Formation and the Upper Hasen Creek Formation.

The Station Creek Formation is Pennsylvanian in age, and is composed of basaltic as well as andesitic volcanic flows that grade into fine to medium grained tuff and sandstones as one moves up-section. Pyroclastic breccia and limestone are locally present in this formation, and are discontinuous.

The Hasen Creek Formation begins where pyroclastic deposition of the Station Creek Formation is no longer apparent. It is early Permian in age and attains a maximum thickness of 800m. It is often further subdivided into two members. A fine-grained lower member is composed of grey to black phyllite, cherty argillite and siltstone. The upper member is limestone dominated but hosts a variety of textures from shaley to massive but is generally buff in colour and bioclastic. There are discontinuous beds of reddish brown conglomerate, massive greywacke and sandstone dispersed in these limestone units.

The *Nikolai Assemblage* is a Middle to Late Triassic sequence of basalt flows that contain minor zones of interbedded limestone and is capped by a limestone unit. The flows are

thin, vesicular to amygdaloidal and in places locally hematitic which indicates either a shallow water or subaerial depositional environment. The Nikolai rocks lie unconformably on top of the Skolai Assemblage, or more specifically the Hasen Creek Formation.

The *Kluane Mafic-Ultramafic Suite* is volumetrically important in the Kluane Range. It likely acted as a subvolcanic feeder to the basalts of the Nikolai Assemblage and the geometry of these ultramafic bodies is sill-like. These mafic intrusions occur preferentially along the contact between the Station Creek and Hasen Creek Formations, within the Skolai Assemblage. Commonly, the ultramafic rocks have a discontinuous and often thin zone of gabbro at the base of the sill. Gabbros are also present in wallrocks peripheral to the sills. It is in these gabbro and pyroxenite phases that there is sulphide mineralization, both heavy disseminated and massive lenses. These zones are rich in copper, nickel and PGE (platinum group elements).

The *Maple Creek Gabbro* is also thought to have been a feeder for the Nikolai Assemblage volcanic rocks due to precise age dating as well as mineralogy. This gabbro can be found in hypabyssal stocks, sills and dykes that appear to be approximately coeval with the Kluane Mafic-Ultramafic suite rocks.

Property Geology

The Burwash Property lies within a steeply dipping package of Late Paleozoic and Early Mesozoic volcanic and sedimentary rocks. This package is bounded by the Denali Fault to the northeast and the Duke River Fault to the southwest.

The eldest rocks on the Burwash Property are massive bedded basalts and andesite tuffs of the Lower Station Creek Formation. They occur mainly in the northeast to central part of the claim block. The upper part of the Station Creek formation underlies the property where the lower part is absent. The top layer of the Lower Station Creek Formation is generally described as interbedded black, carbonaceous phyllite and andesitic tuff.

The Station Creek strata are overlain conformably on the property by the Hasen Formation - black, carbonaceous pyritic phyllite with interbedded limestone, quartzite and andesitic tuff.

There are eight mafic-ultramafic sills mapped on the property. These are distinct and are exposed at surface. The larger bodies are composed of dunite and peridotite. In these bodies, gabbro and clinopyroxenite are located in lenses and in elongate pods along margins of these ultramafic rocks.

These intrusions are surrounded by a sedimentary-volcanic package with an overall strike length of 4.5km and a stratigraphic thickness of 1500m. The majority of the intrusions occur in the upper part of the Station Creek Formation volcanic rocks. Peridotite and dunite are predominant in the ridge crests of the intrusions and gabbro and pyroxenite occur in lesser amounts and in narrow extensions on the western part of the property.

There are several very thin sills of the mafic-ultramafics that intrude the overlying Hasen Creek Formation. These are much more irregular and are mostly comprised of pyroxenite with very little peridotite and gabbro. Where gabbros are present, they occur generally at the stratigraphic top of the unit.

Small plugs and dykes of the Maple Creek Gabbro intrude all units. They are light in colour, medium grained and equigranular with trace amounts of pyrite.

MINERALIZATION

Mineralization occurs primarily in the ultramafic Permo-Triassic rocks (gabbros and peridotites) as nickel and copper containing sulphides. The sulphide minerals present in the area include pyrrhotite, pentlandite and chalcopyrite with minor amounts of pyrite, sphalerite and galena. The ultramafic rocks on the Burwash Property are peridotite-dunite complexes and generally occur as sills. There are some smaller gabbroic bodies that have intruded along these sill boundaries, however they are never seen cross-cutting rocks younger than the upper Triassic volcanics. The development of skarn at the boundary between the Station Creek and the Hasen Creek Formations is extremely sulfur rich and hosts the majority of the mineralization.

GEOPHYSICS

Survey Type

A PROTEM Survey was conducted on the Burwash Property from July 13^{th,} 2010 to September 7th, 2010. This time domain electromagnetic survey was designed to image the massive nickel-rich sulphide bodies associated with the late Triassic mafic-ultramafic suite present in the Kluane Range. This type of survey is used specifically to map vertical conductivity profiles or to locate discrete conductors. The mineralized bodies were already known to be elongate, and the degree of connectivity known to be weak, therefore this survey was selected based on these characteristics. The objective was to determine more detailed information about the mineralized bodies – primarily the connectivity of the sulphides at depth.

Description

The grid used for this survey was a virtual GPS grid, shown in Figure 5. This figure also shows the locations of the loops and lines used. The stations were marked with flagging tape and the strike of the lines was azimuth 152. The loop design was 1.0 km wide by 1.4 km deep, however steep topography prevented the loops from being square.

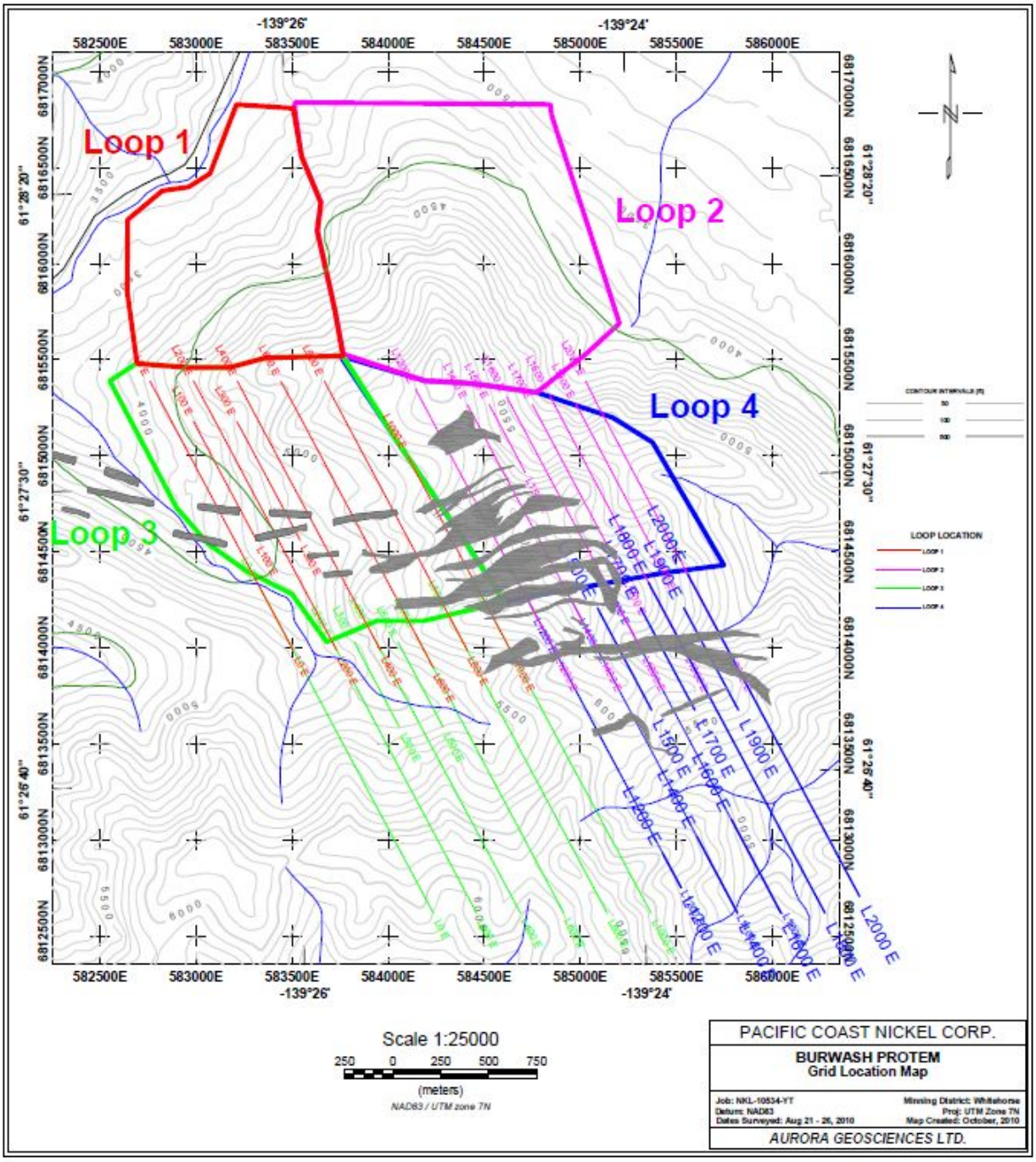

Figure 5: PROTEM Grid Map

A total of 42.5 line kilometers of PROTEM Profiles and 14.6 line kilometers of PROTEM soundings were conducted. These used 4 loops and topography permitting, used 50 m station spacing and 200 m line separation. Although all work was completed during the summer months (July and August), the crew experienced some severe weather conditions including snowstorms and cold weather that reduced visibility and resulted in

low production rates. All operations were either conducted from the Aurora camp, which was set up on site on arrival or from the Northern Platinum camp located at the Wellgreen mine site.

The specifications and logistics of the PROTEM survey done on the Burwash Property in the summer of 2010 are outlined in the tables below.

Table 1: PROTEM Survey Specifications

Station Spacing	50 Meters
PROTEM Frequencies	7.5 Hz for loop 1, 2 3 & 7.5 Hz for loop 3 and 4
Components Recorded	X, Y and Z components
Gates	20 gates, logarithmically spaced

Table 2: Current and Turn off Time of Loops

Loop Name	Current (Amps)	Turn Off Time (micro s)
Loop 1	7.4 – 7.5	265 – 277
Loop 2	4.6	220
Loop 3	6.2 – 6.4	218 – 295
Loop 4	6.2 – 6.5	222 – 260

Equipment

The equipment used in the field for the PROTEM Survey included 4 Geonics digital PROTEM receivers, 2 Geonics TEM-57 Transmitters, 2 Geonics TEM-67 Power Modules and 15 kilometers of 10 and 14 gauge wire. One truck was used to transport the heavy equipment and 4 ATV's were used to access more rugged areas.

Data Interpretation and Results

The PROTEM raw data collected was dumped from the Geonics Digital PROTEM receivers using the Geonics software PROTEMW. It was then transformed into .XYZ using PROTEM Processor. This processor normalizes the data to a 1 Amp loop current and an Rx coil area of 200 meters squared. The data was then plotted using Geosoft Oasis software and the results are attached in Appendix VII.

Specifically, for loop 3 soundings and loop 4 profiles, data was collected at both 3 and 7.5 Hz. To be able to compare the results, the 7.5 Hz data was converted to the 3 Hz time gates using a linear combination of the 7.5 Hz data with the coefficients based on adjacent time gates. This data is combined into a common database where the late time gates are absent, standardizing the results. The chart with data regarding gate conversions is attached in Appendix VIII for reference.

For loop 3 profiles, data was collected at both 3 and 7.5 Hz, but the 3 Hz data was converted to 7.5 Hz time gates in the combined database and the early time gates for the 3 Hz data are absent. Table three shows the profiles and the sounding data collected in the field.

Table 3: Production Details for PROTEM Survey

Loop	Profiles (line-km)	Soundings (line-km)	Base frequency-profiles (Hz)	Base frequency –soundings (Hz)
1	10.65		7.5	
2	9.45		7.5	
3	11.35	9.7	3 & 7.5	3 & 7.5
4	11.15	5.15	3 & 7.5	3

In-loop data from loops 3 and 4 showed that a three layered conductivity structure fit the 1D component of the data. This layered conductivity model is consistent with the following sequence: black shales and volcanic tuffs at depth and the Kluane mafic-ultramafic sills at the surface. This was determined because often shales and tuffs are more conductive than unmineralized mafic-ultramafic sills. The modeled results are attached in Appendix X. In these plots, the black profiles represent the residual observed data, and the red represent the modeled responses of the Maxwell-Plate algorithm using all eight of the modeled plates.

Below, are the details of the eight modeled plates (Table 4).

Table 4: Modeled Plates Data

Loop	Plate	Colour	CT(Sm.)	Dip	Dip Dir	Rot	Strike	Down Dip Extent	Centre Top UTME	Centre Top UTMN
1	1	Red	2.9	40	-20	-17.5	1400	1575	583169	6814773
2	1	Purple	4.1	90	186	-5.5	1125	1000	584738	6814917
3	1	Green	2.7	125	150	0	1237	2000	584194	6813788
3	2	Green	3.8	-9	113	0	712	2340	583150	6814927
4	1	Blue	3.2	110	200	-20	2220	1200	583635	6813695
4	2	Blue	2.8	144	203	-46	1220	1185	585744	6813970
4	3	Blue	2	18	124	-25	700	1500	584358	6815098
4	4	Blue	3.7	44	188	56	1325	1000	585814	6814625

This data shows that the conductivity thicknesses of the recovered plates are modest. There appears to be no large, connected mineralized bodies at depth. The modeled plates that are gently dipping from data taken inside loops 3 and 4 seem to coalesce into an area that is very close to the mapped area of sills, therefore confirming the geology. These plates would be higher priority in terms of future work, as they are more reliable than the steeply dipping plates of

Software Used in Geophysics Data Processing

The software used to collect and process the data includes PROTEMW (Geonics Software), PROTEM Processor (Aurora Geosciences Software), Geosoft Oasis Montaj 7.1 and Microsoft Excel.

CONCLUSIONS AND RECOMMENDATIONS

The geophysical work done on the Burwash Property showed that there were no evident large, well-connected massive sulphides at depths below 60m. However, increasing conductivity with depth of the layered model masks the signal and thus makes it smaller, so perhaps some moderate conductors could have been missed by the survey.

Recommendations include exploring where the data from the more shallowly dipping or flat plates matched the geology (loop 3, plate 2 and loop 4 plates 3 & 4). A drill hole in this location (585000E, 6813900N) drilled at a dip of -60 in a direction of 335 would investigate these results from the geophysical survey. The location of this proposed drill hole is shown in Figure 6. Additionally, Aurora Geosciences has suggested that this hole be used as a platform for a downhole TDEM survey in order to image smaller targets at depth.

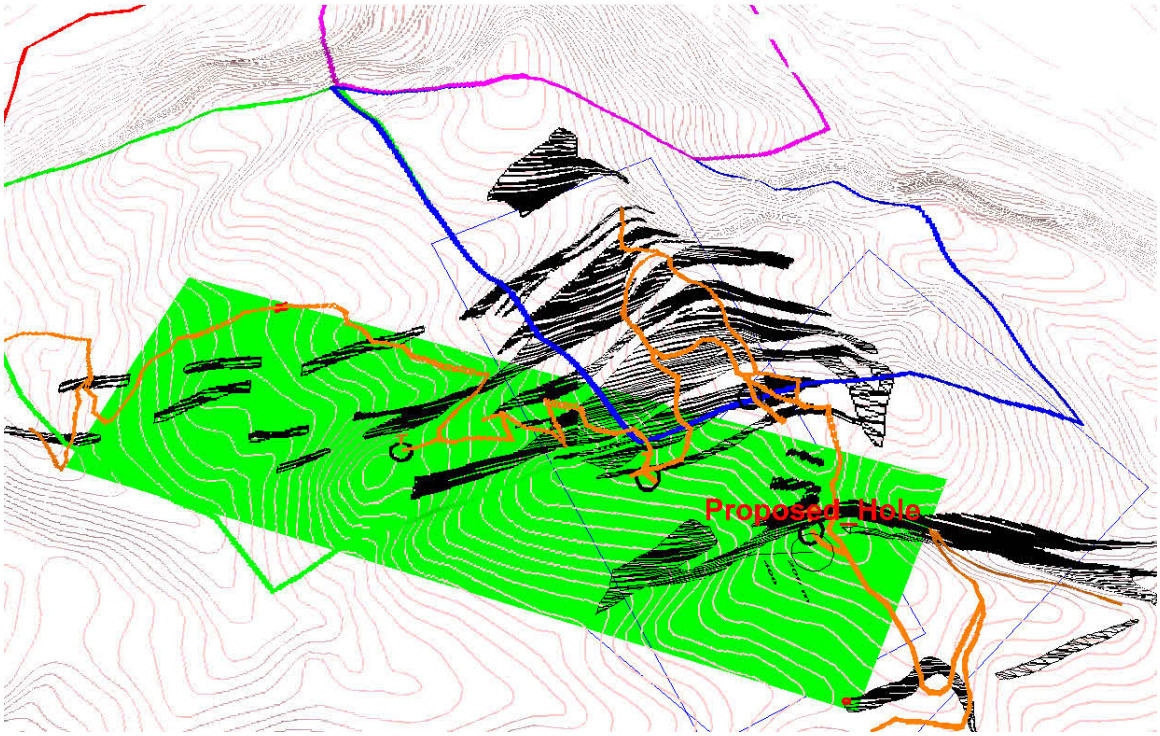

Figure 6 : Fixed View of location of Proposed Drill Hole

COST STATEMENT

The total amount of money spent on the geophysical exploration of the Burwash property is $277,666.34 including GST. There was a deposit paid of $85,000.00 indicated in the contract, attached in Appendix X and another deposit of 50,000 seen in Appendix XI. Appendix XI contains the invoices from Aurora Geosciences which when totaled, equal the above amount.

Respectfully submitted,

PROPHECY PLATINUM CORP.

Danniel Oosterman, P.Geol.

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Danniel J. Oosterman of Vancouver, British Columbia do hereby certify that as the supervising author of this report that:

- I am a Consulting Geologist with residence and business address at 2420 Triumph St., Vancouver, British Columbia;
- I am a graduate of Laurentian University in 2000, acquiring a B.Sc (Hons) in geology;
- I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia, license number 35879
- I am member in good standing with the Association of Professional Engineers and Geoscientists of Ontario, member number 1793
- I have read the definition of Qualified Person set out in National Instrument 43-101 and certify that, by reason of my education, affiliation with a professional association as defined by NI 43-101, and past relevant work experience that I fulfill the requirements to be a Qualified Person for the purpose of NI 43-101
- I have 13 years of relevant experience in exploration and consulting, including in nickel sulphides
- I am responsible for preparation of all sections of this report
- As of the date of this certificate, to the best of my knowledge, information, this technical report contains all required information required for submission of a Yukon Mining Assessment Report to be submitted to the Yukon Energy, Mines and Resources Division.

Signed and dated this 28th day of October, 2011 in Vancouver, British Columbia, Canada

_____

Danniel J. Oosterman, P.Geo
Consulting Geologist

APPENDIX II
LIST OF CLAIMS

LIST OF CLAIMS

Claim Name	Grant Number	Mining District	Expiry Date
Burwash	YB36423	Whitehorse	February 23, 2028
Burwash	YB36424	Whitehorse	February 23, 2028
Burwash	YB36425	Whitehorse	February 23, 2028
Burwash	YB36426	Whitehorse	February 23, 2028
Burwash	YB36427	Whitehorse	February 23, 2028
Burwash	YB36428	Whitehorse	February 23, 2028
Burwash	YB36429	Whitehorse	February 23, 2028
Burwash	YB36430	Whitehorse	February 23, 2028
Burwash	YB36431	Whitehorse	February 23, 2028
Burwash	YC18485	Whitehorse	February 23, 2024
Burwash	YC18486	Whitehorse	February 23, 2024
Burwash	YC18487	Whitehorse	February 23, 2024
Burwash	YC18488	Whitehorse	February 23, 2024
Burwash	YC18489	Whitehorse	February 23, 2024
Burwash	YC18490	Whitehorse	February 23, 2024
Burwash	YC18491	Whitehorse	February 23, 2024
Burwash	YC18492	Whitehorse	February 23, 2024
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Burwash	YC18508	Whitehorse	February 23, 2024

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Bur	YC26578	Whitehorse	February 23, 2024
Bur	YC26579	Whitehorse	February 23, 2024
Bur	YC26580	Whitehorse	February 23, 2024
Bur	YC26581	Whitehorse	February 23, 2024
Bur	YC26582	Whitehorse	February 23, 2024
Bur	YC26583	Whitehorse	February 23, 2024
Bur	YC26584	Whitehorse	February 23, 2024
Bur	YC26585	Whitehorse	February 23, 2024
Bur	YC26586	Whitehorse	February 23, 2024
Bur	YC26587	Whitehorse	February 23, 2024
Bur	YC26588	Whitehorse	February 23, 2024
Bur	YC26589	Whitehorse	February 23, 2024
Bur	YC26590	Whitehorse	February 23, 2024
Bur	YC26591	Whitehorse	February 23, 2024
Bur	YC26592	Whitehorse	February 23, 2024
Bur	YC26593	Whitehorse	February 23, 2024
Bur	YC26594	Whitehorse	February 23, 2024
Bur	YC26595	Whitehorse	February 23, 2024
Bur	YC26596	Whitehorse	February 23, 2024
Bur	YC26597	Whitehorse	February 23, 2024
Bur	YC26598	Whitehorse	February 23, 2024
Bur	YC26599	Whitehorse	February 23, 2024
Bur	YC26600	Whitehorse	February 23, 2024
Bur	YC26601	Whitehorse	February 23, 2024
Bur	YC26602	Whitehorse	February 23, 2024

Bur	YC26603	Whitehorse	February 23, 2024
Bur	YC26604	Whitehorse	February 23, 2024
Bur	YC26605	Whitehorse	February 23, 2024
Bur	YC26606	Whitehorse	February 23, 2024
Bur	YC26607	Whitehorse	February 23, 2024
Bur	YC26608	Whitehorse	February 23, 2024
Bur	YC26609	Whitehorse	February 23, 2024
Bur	YC26610	Whitehorse	February 23, 2024
Bur	YC26611	Whitehorse	February 23, 2024
Bur	YC26612	Whitehorse	February 23, 2024
Bur	YC26613	Whitehorse	February 23, 2024
Bur	YC26614	Whitehorse	February 23, 2024
Bur	YC26615	Whitehorse	February 23, 2024
Bur	YC26616	Whitehorse	February 23, 2024
Bur	YC26617	Whitehorse	February 23, 2024
Bur	YC26618	Whitehorse	February 23, 2024
Bur	YC26619	Whitehorse	February 23, 2024
Bur	YC26620	Whitehorse	February 23, 2024
Bur	YC26621	Whitehorse	February 23, 2024
Bur	YD34065	Whitehorse	February 23, 2016
Bur	YD34066	Whitehorse	February 23, 2016
Bur	YD34067	Whitehorse	February 23, 2016
Bur	YD34068	Whitehorse	February 23, 2016
Bur	YD34069	Whitehorse	February 23, 2016
Bur	YD34070	Whitehorse	February 23, 2016
Bur	YD34071	Whitehorse	February 23, 2016
Bur	YD34072	Whitehorse	February 23, 2016
Bur	YD34073	Whitehorse	February 23, 2016
Bur	YD34074	Whitehorse	February 23, 2016
Bur	YD34075	Whitehorse	February 23, 2016
Bur	YD34076	Whitehorse	February 23, 2016
Rub	YC40144	Whitehorse	February 23, 2021
Rub	YC40145	Whitehorse	February 23, 2021
Rub	YC40146	Whitehorse	February 23, 2021
Rub	YC40147	Whitehorse	February 23, 2021
Rub	YC40148	Whitehorse	February 23, 2021
Rub	YC40149	Whitehorse	February 23, 2021
Rub	YC40150	Whitehorse	February 23, 2021

Rub	YC40151	Whitehorse	February 23, 2021
Rub	YC40152	Whitehorse	February 23, 2021
Rub	YC40153	Whitehorse	February 23, 2021
Rub	YC40154	Whitehorse	February 23, 2021
Rub	YC40155	Whitehorse	February 23, 2021
Rub	YC40156	Whitehorse	February 23, 2021
Rub	YC40157	Whitehorse	February 23, 2021
Rub	YC40158	Whitehorse	February 23, 2021
Rub	YC40159	Whitehorse	February 23, 2021
Rub	YC40160	Whitehorse	February 23, 2021
Rub	YC40161	Whitehorse	February 23, 2021
Rub	YC40162	Whitehorse	February 23, 2021
Rub	YC40163	Whitehorse	February 23, 2021
Rub	YC40164	Whitehorse	February 23, 2021
Rub	YC40165	Whitehorse	February 23, 2021
Rub	YC40166	Whitehorse	February 23, 2021
Rub	YC40167	Whitehorse	February 23, 2021
Rub	YC40168	Whitehorse	February 23, 2021
Rub	YC40169	Whitehorse	February 23, 2021
Rub	YC40170	Whitehorse	February 23, 2021
Rub	YC40171	Whitehorse	February 23, 2021

APPENDIX III
LIST OF PERSONNEL

LIST OF PERSONNEL

Name	*Position*	*Dates*
Andre Lebel	Crew Chief	Aug 22 – Sept 7, 2010
Jacob Moeller	Crew Chief	July 13 – Aug 23, 2010
Tim Stewart	Technician	Aug 10 – Aug 26, 2010
Shawn Scott	Technician	July 23 – July 29, 2010
Aug 26 – Sept 7, 2010		
Garnet Knopp	Helper	Aug 24 – Sept 7, 2010
Warren Kapiniuk	Helper	Aug 25 – Aug 31, 2010
Melissa Peters	Helper	Aug 26 – Sept 7, 2010
April Clyburne-Sherin	Helper	July 13 – Aug 6, 2010
Corey Striker	Technician	Aug 15 – Sept 7, 2010
Phil Emerson	Helper	Aug 7 – Aug 19, 2010
Phil Jackson	Helper	Aug 31 – Sept 7, 2010
Malcolm Greer	Helper	Aug 22 – Aug 26, 2010
Danya Thompson	Helper	Aug 10 – Aug 23, 2010
Jessica Bulmer	Helper	July 13 – July 29, 2010

The survey was conducted by the above personnel – all supplied by Aurora Geosciences out of Whitehorse with the address at:

34A Laberge Road
Whitehorse, Yukon
Y1A 5Y9

APPENDIX IV
FIELD SURVEY LOG

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, July 13, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	line-km	
PROTEM	Readings	
PROTEM	Loop	

LOGISTICS

Type	*Contractor*	*Hrs or units*
Trucks	Aurora	

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	camp set-up
Aurora - helper	April Clyburne-Sherin	camp set-up
Aurora - helper	Jessica Bulmer	camp set-up

OTHER

Weather

Mostly clear and warm.

Notes (incidents, other)

Mobed from Whitehorse to Quil Creek Road, 30 minutes north of Burwash on the Alaska Highway. Found site for camp. Set up camp.

1000m=20readings

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Wednesday, July 14, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	1
PROTEM	Readings	
PROTEM	line-km	
PROTEM	Loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - helper	April Clyburne-Sherin	looping
Aurora - helper	Jessica Bulmer	looping

OTHER

Weather

Rain in camp. Snow storm on grid.

Notes (incidents, other)

Set out to lay wire for loop 4. Major snow storm on mountain. Very low visibility and treacherous conditions. Crew not prepared for snow and cold conditions in July.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Thursday, July 15, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	2.1
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - Field hand	April Clyburne-Sherin	looping
Aurora - Field hand	Jessica Bulmer	looping

OTHER

Weather

Sunny and warm for most of day. Rolling fog for a spell.

Notes (incidents, other)

Left camp at 9:00am and returned at 7:00pm. Grizzly bear blocked route to the cached wire and pack-frames for some time. Had to wait for bear to move on before able to work. While shuttling spools of wire up an off-road hill, Jessica rolled the ATV. No serious injuries resulted. Andre and Brendt stopped by to drop off gear.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Friday, July 16, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	1.3
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - Field hand	April Clyburne-Sherin	looping
Aurora - Field hand	Jessica Bulmer	looping

OTHER

Weather

Rain in camp and snow on grid in morning. Mostly overcast in afternoon.

Notes (incidents, other)

Left camp at 9:30am, returned at 7:30pm. Cliffed out in south-east corner of loop 4 in numerous spots. Had to change path of loop slightly.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Saturday, July 17, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	1.5
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	3 and 4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - Field hand	April Clyburne-Sherin	looping
Aurora - Field hand	Jessica Bulmer	looping

OTHER

Weather

Mostly clear.

Notes (incidents, other)

Left camp at 9:00am, returned at 6:00pm. Most of morning spent trying to get generator up the hill, unsuccesfully. Got up part of the way by pulling with two ATVs. Will try with all three after more tow ropes are dropped at Joe's this evening. Started laying wire on loop 3.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Sunday, July 18, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	1.85
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	3 and 4

LOGISTICS

Type	*Contractor*	*Hrs or units*

OTHER

Weather

Sunny and warm.

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - Field hand	April Clyburne-Sherin	looping
Aurora - Field hand	Jessica Bulmer	looping

Notes (incidents, other)

Jacob left camp at 8:00am to check for gear at Joe's (Andre's). Didn't find it. Rest of day spent laying wire. Filled in final gap on loop 4 and continued working on loop 3.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Monday, July 19, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	1.6
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - Field hand	April Clyburne-Sherin	looping
Aurora - Field hand	Jessica Bulmer	looping

OTHER

Weather

Sunny and warm.

Notes (incidents, other)

Left camp at 9:00am. Near to finished laying loop 3. At 12:00pm, Jacob went to Andre's place to see about renting his muskeg mover to get generator up hill. Andre and Jacob returned to property with ATVs so Andre could see the roads. Andre decided terrain was too steep for his equipment. Jacob went to see Joe (a placer miner a few miles down the road), but Joe said his Cat wasn't in good enough shape. Jacob checked with Tony Caron at Welgreen who said he will be able to move the equipment tomorrow morning.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, July 20, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	0.5
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - Field hand	April Clyburne-Sherin	looping
Aurora - Field hand	Jessica Bulmer	looping

OTHER

Weather

Overcast. Some rain.

Notes (incidents, other)

Jacob went to Wellgreen in morning to speak with Tony Caron about renting a Cat. The only operator currently around, Andre, won't be available until tomorrow morning (Andre is spending the day moving 25 tons of salmon from a tipped-over transport truck up the Alaska Highway). Crew spent most of day looking for break in loop 4 and finishing loop 3. Returned to camp at 6:00pm.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Wednesday, July 21, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - Field hand	April Clyburne-Sherin	looping
Aurora - Field hand	Jessica Bulmer	looping

OTHER

Weather

Periods of sun.

Notes (incidents, other)

Rory Calhoon (sp?) from Wellgreen stopped by camp in the morning to inform us that Andre had been up all night moving salmon and wouldn't be able to work that day. Spent day working on camp: firewood collection, set-up of dry/office tent, moved sleeping tent to make room for Cat. Had "town day" in Destruction Bay.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Thursday, July 22, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	looping
Aurora - Field hand	April Clyburne-Sherin	looping
Aurora - Field hand	Jessica Bulmer	looping

OTHER

Weather

Partly overcast. Rain in afternoon.

Notes (incidents, other)

Jacob picked up Andre at 9:00am and brought him to Wellgreen to get the Cat. Andre arrived in camp with Cat around 11:00am. The generator and various heavy boxes were dropped at transmitter site around 2:00pm. Andre started down the hill shortly after and left crew to set-up transmitter site. Found an open loop. Crew spent rest of day looking for break in the wire. Returned to camp around 7:30pm.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Friday, July 23, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	15
PROTEM	line-km	0.75
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler
Aurora - Field hand	Jessica Bulmer	coiler
Aurora - Operator	Shawn Scott	operator

OTHER

Weather

Rain, snow, high winds on grid.

Notes (incidents, other)

Jacob, April and Jessica left camp at 9:00am. Set up transmitter site. Shawn arrived at Tx site around 11:00am. Jacob gave Shawn a review of receiver operation. Jacob's Rx seemed to lose calibration around 4:30pm. High winds, snow and low visibility made moving on slopes slow.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Saturday, July 24, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	25
PROTEM	line-km	1.25
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler
Aurora - Field hand	Jessica Bulmer	coiler
Aurora - Operator	Shawn Scott	operator

OTHER

Weather

Sunny.

Notes (incidents, other)

Left camp at 9:30, returned at 7:30. Jacob and April headed north on line 1800 while Shawn and Jessica went south on line 1600. Jacob's receiver lost calibration around 11:00am. Hiked out of field to transmitter. Called Dave and Andre Lebel for advice. Got it working again and hiked back to field.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Sunday, July 25, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	28
PROTEM	line-km	1.4
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler
Aurora - Field hand	Jessica Bulmer	coiler
Aurora - Operator	Shawn Scott	operator

OTHER

Weather

Sunny, not too hot: nice day.

Notes (incidents, other)

Left camp at 9:00, returned at 7:30. Jacob and April did line 2000 while Shawn and Jessica continued along line 1600. Shawn and Jessica encountered some extreme terrain; steep talice slopes. Jacob and April went through and around a series of cliffs. Shawn had a power interuption in his receiver near end of day.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Monday, July 26, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	16
PROTEM	line-km	0.8
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler
Aurora - Field hand	Jessica Bulmer	coiler
Aurora - Operator	Shawn Scott	operator

OTHER

Weather

Sunny.

Notes (incidents, other)

Left camp at 9:30, returned at 7:00. First half of day spent searching for break in wire.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, July 27, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	36
PROTEM	line-km	1.8
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler
Aurora - Field hand	Jessica Bulmer	coiler
Aurora - Operator	Shawn Scott	operator

OTHER

Weather

Mostly sunny.

Notes (incidents, other)

Left camp at 9:00, returned at 5:00. Jacob and April worked on line 1400 while Shawn and Jessica surveyed line 1200. Saw grizzly near camp. Went to Destruction Bay in evening to pick up gear, shower, etc.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Wednesday, July 28, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	29
PROTEM	line-km	1.45
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler
Aurora - Field hand	Jessica Bulmer	coiler
Aurora - Operator	Shawn Scott	operator

OTHER

Weather

Mostly sunny.

Notes (incidents, other)

Set up bear fence in morning. Left camp at 10:00am, returned at 6:30pm. Both crews continued on same lines as yesterday. Organized gear to send out with Shawn and Jessica tomorrow.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Thursday, July 29, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	
PROTEM	line-km	
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

OTHER

Weather

Sunny.

Notes (incidents, other)

Shawn and Jessica left in morning with truck and driver who was picking them up. Jacob and April left for field at 8:30am, returned at 6:00pm. Day spent working on loop 3. Found and fixed multiple breaks in wire. Unraveled major "rats-nest" from break on hill. Filled in missing 100 meters of wire. Found and unraveled spool of wire that had been dropped down a hill earlier in project.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Friday, July 30, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	18
PROTEM	line-km	0.9
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

OTHER

Weather

Sunny.

Notes (incidents, other)

Left camp at 9:00am, returned at 6:30pm. Started surveying loop 3, heading south on line 1000. Performed more tests with pole; confirmed that metal leg pole has no effect on readings taking repeats while moving pole around the coil in various positions.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Saturday, July 31, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	20
PROTEM	line-km	1
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

OTHER

Weather

Overcast.

Notes (incidents, other)

Left camp at 8:30am, returned at 6:00pm. Surveyed north on line 800E. Leg pole mount on coil came loose with a broken screw and became difficult to level. Sheep hunters came up road. One hunter said: "you'll be seeing a lot more locals hunting up here soon." Worrisome.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Sunday, August 01, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	12
PROTEM	line-km	0.6
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

OTHER

Weather

Light rain in afternoon.

Notes (incidents, other)

Left camp at 9:00am. Surveyed north on line 600E. Around 2:00pm, leg clamp on coil ripped off coil case. breaking the plastic and cracking a screw. Impossible to level, and worried inside of coil would get wet in the rain. Came back to camp to fix with epoxy. Let epoxy set and used rest of day to clean up camp (got rid of old meat, cleaned coolers, cleaned up loose wire, dug new outhouse hole, etc).

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Monday, August 02, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	23
PROTEM	line-km	1.15
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

OTHER

Weather

Sunny and hot.

Notes (incidents, other)

Left camp at 9:00am, returned at 6:00pm. Surveyed north on line 400E, stns 1850N to 2950N. Epoxy fix on coil leg clamp failed. Spent evening working on coil: opened coil, added new bolt and used a nail to replace missing bolt. Hoping it will hold. Two new hunters in area. Informed them that wire is live.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, August 03, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	20
PROTEM	line-km	1
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

OTHER

Weather
Sunny and hot.

Notes (incidents, other)
Left camp at 9:00am, returned at 6:30pm. Surveyed north on line 200E.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Wednesday, August 04, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	21
PROTEM	line-km	1.05
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

OTHER

Weather

Not a cloud to be seen.

Notes (incidents, other)

Left camp at 9:00am, returned at 6:30pm. Surveyed north on line 0E. Crossed wire at station 1975N. Spent some time looking for a way onto an old road that runs along a creek in the south end of grid 3, but with no luck. Would be a very useful road.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Thursday, August 05, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	9
PROTEM	line-km	0.45
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

OTHER

Weather

Moslty clear.

Notes (incidents, other)

Worked on ATV with help from office. Left camp at 10:00am. Half day spent looking for open loop. Surveyed line 1000E, from stations 1700N and 2100N. Left field early to go to Destruction Bay.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Friday, August 06, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

OTHER

Weather

Moslty clear.

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Field hand	April Clyburne-Sherin	coiler

Notes (incidents, other)

Day spent on phone with Geonics concerning problem with Tx. Suggested to return to camp, open Tx and look for possible problem. No luck.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Saturday, August 07, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

OTHER

Weather
Some rain.

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	driver
Aurora - Field hand	April Clyburne-Sherin	co-piolet
Aurora - Field hand	Phil Emerson	Camp man

Notes (incidents, other)
Left camp at 7:00am to return to Whitehorse with Tx. Phil mobes into camp

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Sunday, August 08, 2010

PREPARED BY:
Dave Hildes

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

OTHER

Weather
Notes (incidents, other)
In camp, chores

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Field hand	Phil Emerson	Camp man

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Monday, August 09, 2010

PREPARED BY:
Dave Hildes

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

OTHER

Weather

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Field hand	Phil Emerson	Camp man

Notes (incidents, other)

In camp, chores

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, August 10, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	
Aurora - Technician	Tim Stewart	
Aurora - Field hand	Phil	
Aurora - Field hand	Dayna Thomspson	

OTHER

Weather

Some rain.

Notes (incidents, other)

Jacob, Tim and Dayna left Whitehorse at 3:30pm, after rental Tx arrived. Picked up Phil in Burwash. Arrived in camp in evening. Had initial safety meeting with new crew.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Wednesday, August 11, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	32
PROTEM	line-km	1.6
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Phil	colier
Aurora - Field hand	Dayna Thomspson	coiler

OTHER

Weather

Overcast in morning, sunny in afternoon.

Notes (incidents, other)

Phil attempted to fix ATV in morning, with remote assistance, but still with no luck. Left camp at 10:00am. Jacob and Tim went to set up Tx site while Phil and Dayna tried to clear rock-slide from possibly helpful road. Jacob and Dayna did line 200E, stns 2500N to 3000N and line 400E, stns 3000N to 3150N. Tim and Phil surveyed line 0E, stns 2500N to 3150N and line 200E, stns 3050N to 3150N.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Thursday, August 12, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	52
PROTEM	line-km	2.6
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Phil	colier
Aurora - Field hand	Dayna Thomspson	coiler

OTHER

Weather

Overcast in morning, sunny in afternoon.

Notes (incidents, other)

Left camp at 8:30am, returned at 7:30pm. Jacob and Phil surveyed south on line 1000 between stns 800N and 0N and then north on line 800E from stn 0N to 550N. Tim and Dayna surveyed line 800E from stn 1750N to 600N. Tim lost power on Rx around 3pm and had to return to Tx. Extreme terrain.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Friday, August 13, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	50
PROTEM	line-km	2.5
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Phil	colier
Aurora - Field hand	Dayna Thomspson	coiler

OTHER

Weather

Mostly sunny.

Notes (incidents, other)

Left camp at 10:00am, returned at 7:00pm. Jacob and Dayna surveyed line 0E, stn 1450N to 0N. Tim and Phil surveyed line 200E, stn 1450N to 400N.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Saturday, August 14, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	55
PROTEM	line-km	2.75
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Phil	colier
Aurora - Field hand	Dayna Thomspson	coiler

OTHER

Weather

Sunny and warm.

Notes (incidents, other)

Left camp at 8:30am, returned at 6:00pm. Jacob tried to tighten Rx crystal to solve drift issue. Called Franz to ask for advice. Returned to Tx after 2 hours to test drift; still too high. Jacob and Phil surveyed line 1000, stn 2200N to 2600N and line 600, stn 2550N to 2900N. Tim and Dayna surveyed line 200, stn 400N to 0N and line 400E, stn 0N to 1450N.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Sunday, August 15, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	59
PROTEM	line-km	2.95
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Phil	colier
Aurora - Field hand	Dayna Thomspson	coiler

OTHER

Weather

Sunny and warm.

Notes (incidents, other)

Left camp at 8:30am, returned at 6:00pm. Jacob and Dayna surveyed line 600E, stn 1500N to 1900N, and stn 2950N to 3150N and line 400E, stn 1500N to 1800N. Tim and Phil surveyed line 600E, stn 0N to 1450N. Andre dropped off Corey and swapped coils, late afternoon.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Monday, August 16, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	39
PROTEM	line-km	1.95
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Phil	colier
Aurora - Field hand	Dayna Thomspson	camp work
Aurora - Field hand	Corey Straker	coiler

OTHER

Weather

Sunny and warm.

Notes (incidents, other)

Left camp at 8:30am, returned at 3:30pm to leave for Destruction Bay for laundry, etc. Day of infills. Jacob and Corey surveyed bits of line 1000E, 900E, 600E and 500E. Tim and Phil surveyed lines 0E, 100E, 200E, and 300E. Dayna did miscellaneous camp tasks.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, August 17, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	45
PROTEM	line-km	2.25
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Phil	looper
Aurora - Field hand	Dayna Thomspson	coiler
Aurora - Field hand	Corey Straker	coiler

OTHER

Weather

Rain in afternoon.

Notes (incidents, other)

Left camp at 8:30am, returned at 5:30pm. More infills, as requested by Dave. Jacob and Dayna surveyed line 300E, stn 1100N to 1600N and line 500E, stn 1100N to 1600N. Tim and Corey did lines 500E and 700E, stn 1750N to 2000N and line 700E, stn 1100N to 1600N. Phil started laying wire on loop1. Tim's Rx malfunctioned at end of day. Cause of problem still unknown.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Wednesday, August 18, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Phil	looper
Aurora - Field hand	Dayna Thomspson	coiler
Aurora - Field hand	Corey Straker	coiler

OTHER

Weather

Snow and rain.

Notes (incidents, other)

Left camp at 8:30am. Talked to Geonics concerning Tim's Rx. Seems to be having a power malfunction. Major snow fall on top of hill, burying loops 4 and 2. Impossible to survey. Crew began picking up wire from loop 3. Jacob worked on Rx, swapping boards between two receivers until Cole came to pick it up. Bob Yonker arrived in afternoon to work on ATVs.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Thursday, August 19, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	3

LOGISTICS

Type	*Contractor*	*Hrs or units*

OTHER

Weather

Snow and rain.

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Dayna Thomspson	coiler
Aurora - Field hand	Corey Straker	coiler

Notes (incidents, other)

Bob and Phil left in morning with ATVs for repairs. Crew picking up wire on loop3 and laying wire on loop1.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Friday, August 20, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	1

LOGISTICS

Type	*Contractor*	*Hrs or units*
Quad	Andre's	1 day

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Dayna Thomspson	coiler
Aurora - Field hand	Corey Straker	coiler

OTHER

Weather

Rain.

Notes (incidents, other)

Left camp at 8:30am, returned at 4:30pm. Jacob and Dayna hiked to loop corner to make connection. Picked up some wire from loop4 as precaution against running out of wire on loop1. Tim and Corey finished laying grid while Jacob and Dayna shuttled Tx site down from hill to new Tx site. Rented ATV from Andre (place at corner of Alaska Highway and Quill creek road).

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Saturday, August 21, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	63
PROTEM	line-km	3.15
PROTEM	loop	1

LOGISTICS

Type	*Contractor*	*Hrs or units*
Quad	Andre's	1 day

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Dayna Thomspson	coiler
Aurora - Field hand	Corey Straker	coiler

OTHER

Weather

Some sun, some clouds.

Notes (incidents, other)

Jacob left camp at 8:00am to set up Tx on Quill Creek Rd. Mike Mark's truck got stuck. Clients, Mike and Jim, came onto grid with Jacob and Dayna for a tour of property. Tim and Corey surveyed line 600E, stns 2550N to 3150N and 800E, stns 2500N to 3150N. Jacob and Dayna surveyed line 1000E, stns 1550N to 2100N and line 0N, stns 1550N to 2450N. Jacob and Dayna encountered grizzly bear on line 1000E before switching to bottem of grid to give bear some space. Returned to camp at 6:30pm. Moved to Wellgreen mine camp.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Sunday, August 22, 2010

PREPARED BY:
Jacob Moeller

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	59
PROTEM	line-km	2.95
PROTEM	loop	1

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	operator
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Dayna Thomspson	coiler
Aurora - Field hand	Corey Straker	coiler

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day

OTHER

Weather

Partly overcast.

Notes (incidents, other)

Left Wellgreen camp at 8:00am. Returned to old camp at 5:30pm to move food to Wellgreen. Jacob and Dayna surveyed line 200E, stns 1550N to 2400N and 200E, stns 1550N to 2500N. Tim and Corey surveyed line 200E, stns 2800N to 3150N and line 400E, stns 2550N to 3150N. Tim and Corey lost power while changing battery around 4:30pm. Andre and Malcolm arrived at Wellgreen in evening. Jacob is signing off.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Monday, August 23, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	28
PROTEM	line-km	1.4
PROTEM	loop	1

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Jacob Moeller	demobe
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Dayna Thomspson	demobe
Aurora - Field hand	Corey Straker	operator
Aurora - Technician	Andre Lebel	coiler
Aurora - Field hand	Malcom	coiler

OTHER

Weather

rain, freezing rain, sunshine, clouds

Notes (incidents, other)

Left Wellgreen camp at 9:00am. Returned to Welgreen at 6:30pm to move food to Wellgreen. Jacob and Dayna took apart the AGL camp and then demobed it back to whitehorse. Malcom couldn't handle the terain on L 200 so they only acomplished 3 stn's. Andre and corey worked on L800 from 2250 - 1550 and L 600 from 1550 to 1900.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, August 24, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	42
PROTEM	line-km	2.1
PROTEM	loop	1

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Garnet Knopp	mobed in
Aurora - Technician	Corey Straker	coiler
Aurora - Field hand	Malcom	coiler
Aurora - Field hand		

OTHER

Weather

rain, freezing rain, sunshine, clouds

Notes (incidents, other)

Left Wellgreen camp at 9:00am. Returned to Welgreen at 5:30pm. Corey and Tim finished L0 and L200. Andre and Malcom read L600 from 2500 to 1900 and L800 from 2500 to 2250. Malcom was too tired to finish the day so Corey took over for him for Line 1000 from 2150 to 2450. Garnet arrived in camp at 10:30pm.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Wednesday, August 25, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	30
PROTEM	line-km	1.5
PROTEM	loop	1

LOGISTICS

Type	*Contractor*	*Hrs or units*
Quad	Andre's	1
Quads	AGL's?	3
Truck	AGL's	Smachey&percy

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	Tim Stewart	operator
Aurora - Field hand	Garnet Knopp	coiler
Aurora - Technician	Corey Straker	coiler
Aurora - Field hand	Malcom	coiler
Aurora - Field hand	Warren Kappinuk	Mobbed in

OTHER

Weather

rainy

Notes (incidents, other)

Did infils on Loop 1, Line100 and 300 from 2200 to 2900. Once finsihed Andre and garnet moved the TX site up the hill with the ATV's and Tim, Malcom and Correy cleaned up wire on Loop 1, but didn't finish picking it all up. Warren Kappinuk drove in from whitehorse in Precy.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Thursday, August 26, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	21
PROTEM	line-km	1.05
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	Agl's	2
Trucks	Agl's	Smachy and Percy
Helicoper	Helidynamics	1Hr

OTHER

Weather
Sunny

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	Warren Kappinuk	coiler
Aurora - Field hand	Garnet Knopp	coiler
Aurora - Technician	Corey Straker	operator
Aurora - Field hand	Shaun Scott	mobe in
Aurora - Field hand	Mellisa ?	mobe in
Aurora -mobeout	Tim stuart	mobe out
Aurora -mobeout	Malcom	Mobe out

Notes (incidents, other)

Started Loop 4. There were several breaks in the loop. It took till 2pm before we started surveying. Andre and Warren read L1400 stn 2900 to 3150, L1200 stn's 2600 to 3150 and L1000 from stn 3150 to 2950. It took Corey and Garnet some time to walkback from the edge of the loop, so they got started around 4pm they did L1600 from 2450 to 2600. Malcom and Tim Demobed, they took both trucks and one of AGL's ATV's. Shawn dove Smachy back. He set out some wire along the edge of loop 2 with a helicopter. Shawn Crawford delivered some wire

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Friday, August 27, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	37
PROTEM	line-km	1.85
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	2
Truck	AGL's	Smachey

OTHER

Weather
Mostly sunny

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	operator
Aurora - Field hand	Garnet Knopp	Coiler
Aurora - Technician	Corey Straker	operator
Aurora - Field hand	Warren Kappinuk	coiler
Aurora - Field hand	Melissa	coiler

Notes (incidents, other)

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Saturday, August 28, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	49
PROTEM	line-km	2.45
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	2
Truck	AGL's	Smachey

OTHER

Weather
Mostly sunny

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	operator
Aurora - Field hand	Garnet Knopp	Coiler
Aurora - Technician	Corey Straker	operator
Aurora - Field hand	Warren Kappinuk	coiler
Aurora - Field hand	Melissa	coiler

Notes (incidents, other)

Andre and Warren surveyed L1200 from 300 to 150 (cliffed out) and L1400 from 0 to 500 and L1600 from 550 to 300. Corey and Mellissa surveyed L1800 from 2000 to 1650. Shawn and Garnet Surveyed L2000 from 2000 to 950.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Sunday, August 29, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	54
PROTEM	line-km	2.7
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	2
Truck	AGL's	Smachey

OTHER

Weather
Mostly sunny

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	operator
Aurora - Field hand	Garnet Knopp	operator
Aurora - Technician	Corey Straker	operator
Aurora - Field hand	Warren Kappinuk	coiler
Aurora - Field hand	Melissa	coiler

Notes (incidents, other)

Shawn surveyed L2000 from 950 to 450, Andre and Garnet surveyed line 1800 from 600 to 0 and L1600 from 300 to 0, and Correy and Warren surveyed L1800 from 1600 to 600.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Monday, August 30, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	1
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	2

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	2
Truck	AGL's	Smachey

OTHER

Weather
Cloudy and rain. No visability on top

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	looping
Aurora - Field hand	Garnet Knopp	looping
Aurora - Technician	Corey Straker	looping
Aurora - Field hand	Warren Kappinuk	looping
Aurora - Field hand	Melissa	looping

Notes (incidents, other)

The weather was bad, so we decided to work out of the clouds. We finished up picking up loop3 and layed out the lower part of loop2.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, August 31, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	
PROTEM	Readings	42
PROTEM	line-km	2.1
PROTEM	loop	4

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	3
Truck	AGL's	Smachey

OTHER

Weather
Sunny

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	looping
Aurora - Field hand	Garnet Knopp	looping
Aurora - Technician	Corey Straker	looping
Aurora - Field hand	Warren Kappinuk	looping
Aurora - Field hand	Melissa	looping
Aurora - Field hand	Phil Jackson	Mobe in

Notes (incidents, other)

Shawn and Garnet surveyed line 2000 from Stn 100 to 400. Andre and Melissa Surveyed L 1500 from 1800 to 1200 and L 1700 from stn 1200 to 1500. Warren and Correy Surveyed L1900 from Stn 1800 to 1200 and L1700 from 1800 to 1500. Finished off Loop 4. Phil arrived in from whitehorse with a Quad.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	##########

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	2
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	3
Truck	AGL's	Smachey

OTHER

Weather
Sunny

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	looping
Aurora - Field hand	Garnet Knopp	looping
Aurora - Technician	Corey Straker	looping
Aurora - Field hand	Phil Jackson	looping
Aurora - Field hand	Melissa	looping
Aurora - Field hand	Warren Kapaniuk	demobe

Notes (incidents, other)

Shawn and Garnet finished off laying out loop2 and Phil, Andre, Corey and Melissa picked up wire on Loop4. Warren picks up a drum of fuel and then demobes back to Whitehorse

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Thursday, September 02, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	0
PROTEM	Readings	21
PROTEM	line-km	1.05
PROTEM	loop	2

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	3
Truck	AGL's	Smachey

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	looping
Aurora - Field hand	Garnet Knopp	looping
Aurora - Technician	Corey Straker	looping
Aurora - Field hand	Phil Jackson	looping
Aurora - Field hand	Melissa	looping

OTHER

Weather

rain in the morning, sunny in the afternoon

Notes (incidents, other)

Started on Loop 2. There was an open loop and it took till 2pm to fix it. Started survyeing by 4pm. Andre and Garnet started on L1600 from Stn 2000 to 1550. Shawn and Melissa surveyed L1400 from 1550 to 2100. Corey's reciever lost sync on the way up and didn't do any readings.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Friday, September 03, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	0
PROTEM	Readings	70
PROTEM	line-km	3.5
PROTEM	loop	2

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	3
Truck	AGL's	Smachey

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	Operator
Aurora - Field hand	Garnet Knopp	Coiler
Aurora - Technician	Corey Straker	Operator
Aurora - Field hand	Phil Jackson	Coiler
Aurora - Field hand	Melissa	Coiler

OTHER

Weather

Mixed sun and clouds, a little bit of fresh snow on top of hill.

Notes (incidents, other)

Andre and Phil finished off L1600 fromm Stn 2050 to 3050, and L1800 from Stn 3050 to 2700. Andre's reciever lost calibration in the late afternoon. Corey and Garnet surveyed L1200 from 2000 to 3150. During the battery change their reciever lost power, and they went back to TX site to resync. Shawn and Melissa surveyed L1400 from 2000 to 3150. Their reciever lost power during the battery change and they had to go back to the TX site to resync.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Saturday, September 04, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	0
PROTEM	Readings	66
PROTEM	line-km	3.3
PROTEM	loop	2

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	3
Truck	AGL's	Smachey

OTHER

Weather
Sunny

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	Operator
Aurora - Field hand	Garnet Knopp	Operator
Aurora - Technician	Corey Straker	Coiler
Aurora - Field hand	Phil Jackson	Coiler
Aurora - Field hand	Melissa	Coiler

Notes (incidents, other)

Andre and Phil finished off L1800 fromm Stn 1550 to 2800. Corey and Garnet surveyed L2000 from 3150 to 2000. Shawn Surveyed L1200 from 2000 to 1550 and L2000 from 1550 to 2000.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Sunday, September 05, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	0
PROTEM	Readings	57
PROTEM	line-km	2.85
PROTEM	loop	2

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	2
Truck	AGL's	Smachey

OTHER

Weather
Rain, sleet, snow

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Crew Chief
Aurora - Technician	shawn scott	Operator
Aurora - Field hand	Garnet Knopp	Coiler
Aurora - Technician	Corey Straker	Operator
Aurora - Field hand	Phil Jackson	Coiler
Aurora - Field hand	Melissa	Coiler

Notes (incidents, other)

Did inifil lines. Correy and Garnet surveyed L1700 from 3000 to 2000. Andre and Phil surveyed L1900 from 3000 to 2100. Shawn and Melissa surveyed L1500 from 3000 to 2600.

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Monday, September 06, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	0
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	0

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	2
Truck	AGL's	Smachey

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Looping
Aurora - Technician	shawn scott	Looping
Aurora - Field hand	Garnet Knopp	Looping
Aurora - Technician	Corey Straker	Looping
Aurora - Field hand	Phil Jackson	Looping
Aurora - Field hand	Melissa	Looping

OTHER

Weather

Cloudy in the morning, sunny in the afternoon

Notes (incidents, other)

Were going to do infils, but there was 2" of snow on the upper part of the grid where we were going to survey, so we cleaned up the loop and started to pack up to demobe. Mike Mark arrives to pick up some gear and drives it back to Whitehorse

AURORA GEOSCIENCES

NKL-10534-YT BURWASH PROTEM PROJECT
DAILY REPORT FORM

DATE:	Tuesday, September 07, 2010

PREPARED BY:
Andre Lebel

OPERATIONS

Item	*Unit / description*	*Qty*
Laying wire	km	0
PROTEM	Readings	0
PROTEM	line-km	0
PROTEM	loop	0

LOGISTICS

Type	*Contractor*	*Hrs or units*
1 Quad	Andre's	1 day
Quads	AGL's?	2
Truck	AGL's	Smachey

PERSONNEL

Company / position	*Person*	*Task*
Aurora - Crew chief	Andre Lebel	Looping/ demobe
Aurora - Technician	shawn scott	Looping/ demobe
Aurora - Field hand	Garnet Knopp	demobe
Aurora - Technician	Corey Straker	Looping/ demobe
Aurora - Field hand	Phil Jackson	Looping/ demobe
Aurora - Field hand	Melissa	Looping/ demobe

OTHER

Weather

Mostly Sunny

Notes (incidents, other)

Garnet drove back to Ancorage first thing. The rest of us finished off packing up the AGL camp and the rest of loop2, and then drove back to Whitehorse.

APPENDIX V
PROTEM FIELD REPORT

AURORA GEOSCIENCES

Whitehorse Office
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www.aurorageosciences.com
aurora@klondiker.com

MEMORANDUM

To: Mike Sweatman, Jim Walchuk
Pacific Coast Nickel Corp.

Date: Oct 20, 2010

From: Andre Lebel / Dave Hildes

Re: Burwash Property, 2010 PROTEM Survey – Field Report

This memorandum is a field report describing a time domain electromagnetic (PROTEM) survey conducted at the Burwash property, Yukon. All operations were conducted from the Aurora camp located on site and the Northern Platinum camp located at the Wellgreen mine site. The survey was conducted from July 13th, 2010 to September 7th, 2010. A road recce crew visited the site in June to assess the Linda Creek crossing and the road up to the property.

42.5 line kilometres of PROTEM Profiles, and 14.6 line kilometres PROTEM soundings were conducted using 4 loops generally using 50 m station spacing and 200 m line separation with some infill lines and stations at a higher data density. Details of the production are:

Loop	Profiles (line-km)	Soundings (line-km)	Base frequency – profiles (Hz)	Base frequency – soundings (Hz)
1	10.65		7.5	
2	9.45		7.5	
3	11.35	9.7	3 & 7.5	3 & 7.5
4	11.15	5.15	3 & 7.5	3

Production was low due to very steep terrain and poor access to parts of the grid. A helicopter was used for one day to set out spools of wire. A full survey log is appended to this report.

a. Crew and equipment. The survey was conducted by the following personnel:

Andre Lebel	Crew Chief	Aug 22 – Sept 7, 2010.
Jacob Moeller	Crew Chief	July 13 – Aug 23, 2010.
Tim Stewart	Technician	Aug 10 – Aug 26. 2010.
Shawn Scott	Technician	July 23 – July 29, 2010 Aug 26 – Sept 7, 2010
Garnet Knopp	Helper	Aug 24 – Sept 7, 2010
Warren Kapiniuk	Helper	Aug 25 – Aug 31, 2010
Melissa Peters	Helper	Aug 26 – Sept 7, 2010
April Clyburne-Sherin	Helper	July 13 – Aug 6, 2010
Corey Striker	Technician	Aug 15 – Sept 7, 2010
Phil Emerson	Helper	Aug 7 – Aug 19, 2010
Phil Jackson	Helper	Aug 31 – Sept 7, 2010
Malcolm Greer	Helper	Aug 22 – Aug 26, 2010
Dayna Thompson	Helper	Aug 10 – Aug 23, 2010
Jessica Bulmer	Helper	July 13 – July 29, 2010

The crew was equipped with the following instruments and equipment:

<u>PROTEM System</u>	4 – Geonics Digital PROTEM Receivers S/N's: 72607,72606, 72605, 31805 2 – Geonics TEM-57 Transmitters S/N: 71202, 61106 2 – Geonics TEM-67 Power Modules S/N's: 60807, 70901 3 – Geonics 3D LF Induction Coils S/N's: 703, 704, 1003 15 Km of 10 and 14 gauge wire

Other:	1 – Truck 4 – ATV's 1 - lap top computers
Software:	PROTEMW (Geonics Software) PROTEM Processor (Aurora Geosciences Software) Geosoft Oasis Montaj 7.1 Microsoft Excel

Equipment Malfunctions: The transmitter S/N 71202 malfunctioned during the survey and the crew demobed to Whitehorse while waiting for a replacement. A camp man was left in camp for security. In addition, the motherboard on receiver S/N 72606 failed, but no time was lost the crew moved loops while waiting for a replacement.

Grids and Loop Locations: The grid was a virtual GPS grid as shown on the accompanying grid maps. Stations were marked with only flagging tape. The strike of the lines was azimuth 152. The loop design was 1.0 km wide by 1.4 km deep, however topographic considerations prevented the loops from being square.

b. PROTEM Survey specifications. The PROTEM survey was conducted according to the following specifications.

Station spacing	50 meters
PROTEM Frequencies.	7.5 Hz for loop 1, 2 3 & 7.5 Hz for loop 3 and 4
Components Recorded	X, Y and Z components.
Gates	20 gates, logrithmly spaced.

The current and turn off time was as below

Loop Name	Current (Amps)	Turn Off Time (micro s)
Loop 1	7.4 – 7.5	265 - 277
Loop 2	4.6	220
Loop 3	6.2 – 6.4	218 - 295
Loop 4	6.2 – 6.5	222 – 260

c. Data processing.

The PROTEM data was dumped in its raw form from the Geonics Digital PROTEM receivers using the Geonics software PROTEMW. The data was transformed into .XYZ using PROTEM Processor. The PROTEM Processor normalizes the data to a 1 Amp loop current, and an Rx coil area of 200 m^2. The data was then plotted using Geosoft Oasis software.

For loop 3 soundings and loop4 profiles, data was collected at both 3 and 7.5 Hz. The 7.5 Hz data was converted to the 3 Hz time gates using a linear combination of the 7.5 Hz data with the coefficients based on adjacent gate times. These data are combined into a common database where the late time gates are absent. A complete dataset of the 7.5 Hz data is contained in a separate database.

Similarly, for loop 3 profiles, data was collected at both 3 and 7.5 Hz, but the 3 Hz data was converted to 7.5 Hz time gates in the combined database and the early time gates for the 3 Hz data are absent.

e. Products.

The following data files are appended to the digital version of this report

Raw	PROTEM and GPS dump files.
Data	Geosoft (*.gdb) and ASCII (*.xyz) formatted data. The “combined” files have multiple frequencies, which have been converted to the gates of the frequency in the title by use of the gates conversion chart. Channels.txt has a description of the channels in the databases.

Figures	PDF images of stacked profiles. Grid map showing loops and lines relative to topography.
NKL-10534-YT Burwash PROTEM – survey log.pdf	PDF of the field survey log.
NKL-10534-YT Burwash PROTEM – Field Report.pdf	A PDF copy of this field report.

Respectfully submitted,
AURORA GEOSCIENCES LTD.

Andre Lebel

Dave Hildes

APPENDIX VI
PROTEM MODELLING REPORT

AURORA GEOSCIENCES

Whitehorse Office
34A Laberge Road
Whitehorse, Yukon Y1A 5Y9
Phone (867) 668-7672
Fax: (867) 393-3577
www.aurorageosciences.com
Whitehorse@aurorageosciences.com

MEMORANDUM

To: Mike Sweatman, Jim Walchuk
Pacific Coast Nickel Corp.

Date: Dec 16, 2010

From: Dave Hildes
Dave.Hildes@aurorageosciences.com

Re: Burwash Property, 2010 PROTEM Survey – Modelling Report

This memorandum is an addendum to the Oct 20th 2010 field report which described a time domain electromagnetic (PROTEM) survey conducted at the Burwash property, Yukon. Modelling results, based solely on the data collected in 2010 are presented – the final dataset, raw data and figures are contained in the field report and are not reproduced here.

The survey was designed to image massive nickel-rich sulphide mineralization associated with the late Triassic Kluane mafic-ultramafic intrusive suite. The known mineralization to date consists of elongate massive sulphides that are not well connected, with long-axis dimension on the order of 10-60 metres. The primary object of the 2010 TDEM survey was to determine if the massive sulphides were more connected at greater depths.

A grid map, *Burwash 2010 Protem Grid Map.pdf*, showing the locations of all the loops and lines surveyed is attached to this report. Through examination of the in-loop data from loops 3 and 4, a three-layer conductivity structure (175 m @ 3500 Ohm-m, 380 m @ 740 Ohm-m and then an infinite basement of 330 Ohm-m) was determined to fit the 1D component of the data. The response at each point of this layered structure was determined using the CSIRO Leroi algorithm, assuming all transmitter loops and receivers were on a common plane. This layered response was subtracted from the observed field data resulting in a residual observed data set. The layered conductivity model is consistent with

black shales and volcanic tuffs at depth and the Kluane mafic-ultramafic sills at the surface; typically shales and tuffs would be more conductive than unmineralized mafic-ultramafic sills, although there is no specific rock physics data from the property.

This stripped residual observed dataset is labeled as “observed” in the accompanying plots and are modelled using the EMIT Maxwell Plate algorithm with all transmitter loops and receivers put back at their correct 3D locations. In all figures in the folder *modelled-observed figures*, the black profiles are the residual observed data and the red profiles are the modelled responses of the Maxwell Plate algorithm using all eight of the modelled plates. The plates are colour-coded to the loops and lines from which they were predominantly modelled from, but all final modelled results use all eight loops.

The details of the eight modelled plates are shown in the table below:

Loop	Plate	Colour	CT (Sm)	Dip	Dip Dir.	Rot.	Strike	Down Dip Extent	Centre Top UTME	Centre Top UTMN
1	1	Red	2.9	40	-20	-17.5	1400	1575	583169	6814773
2	1	Purple	4.1	90	186	-5.5	1125	1000	584738	6814917
3	1	Green	2.7	125	150	0	1237	2000	584194	6813788
3	2	Green	3.8	-9	113	0	712	2340	583150	6814927
4	1	Blue	3.2	110	200	-20	2220	1200	583635	6813695
4	2	Blue	2.8	144	203	-46	1220	1185	585744	6813970
4	3	Blue	2	18	124	-25	700	1500	584358	6815098
4	4	Blue	3.7	44	188	56	1325	1000	585814	6814625

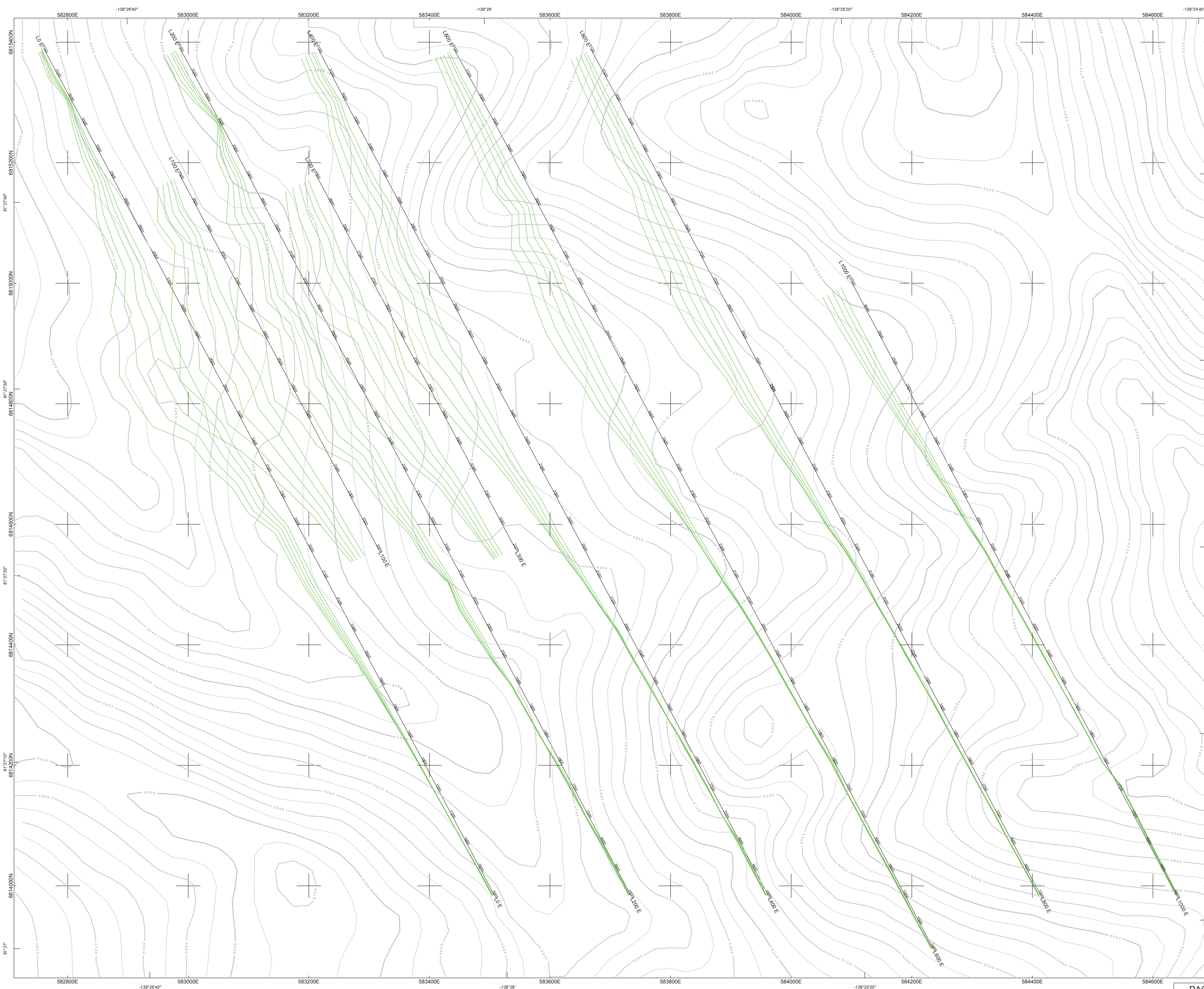
The conductivity thicknesses of the recovered plates are modest; no large, good conductors indicative of large, well-connected massive sulphides were imaged by this survey. However, the increasing conductivity with depth of the layered model masks the signal and smaller, more moderate conductors could have been missed with this survey.

Several views of the plates from different angles are attached to this report in the folder *fixed views of plates*. In addition, a 3D PDF is attached which can be rotated by the user and a Geosoft 3D map file which can be viewed and rotated using the free Geosoft viewer are contained in the folder *3D views of plates*. The more vertical plates that are imaged when data was taken outside the loops are not consistent with general SE dip assumed for the property. However, the assumed dips are not well geologically constrained and these plates are suggestive of the sills becoming near-vertical and overturning in the survey area. Nevertheless, these plates are not very conductive and as they are at odds with the accepted geology should be considered secondary targets.

The modelled plates that are more gently dipping from data taken inside loops 3 & 4 coalesce into an area that is nearly coincident with the mapped area of sills. Although these plates are also not very conductive, the agreement with the mapped geology raised these targets to a higher priority than the more steeply dipping plates. These flat lying plates (loop 3, plate 2 and loop 4, plates 3 & 4) could be tested by a proposed drill hole collared at 585000E, 6813900N and drilled at a dip of -60 in a direction of 335 as shown in four accompanying figures in the folder *fixed views of proposed hole*. View 1 is the figure with the most vertical angle showing the proposed drill hole in relation to the existing trail network. View 2 shows that the hole would intersect the loop 3, plate 2 conductor at approximately 550 metres. View 3 shows that the hole would intersect the loop 4, plate 3 conductor at approximately 600 metres and view 4 shows that the hole would intersect the loop4, plate 4 conductor at approximately 1000 metres. In addition, this proposed hole could be used as a platform for a downhole TDEM survey, allowing the resolution of smaller targets at depth. An example is attached of the response of a 200X200 m horizontal plate with a conductance of 20 Sm, with the edge 100 metres from the hole is shown in the figure *Response from plate for proposed hole.pdf*. This target size would not produce a significant response at the surface. In addition, the proposed hole could be used for mise-a-la-masse IP survey to image disseminated sulphides.

Dave Hildes, P.Geo, Ph. D.
Geophysicist
Aurora Geosciences Ltd

APPENDIX VII
FIELD LOOP PROFILES



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 1 - 5
PROFILE SCALE : 1 mm = 2 nV/(A*m*m)

EAST
+10
DATUM
-10
WEST

DATUM : 0 nV/(A*m*m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 265 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)
50
100
500

FIELD

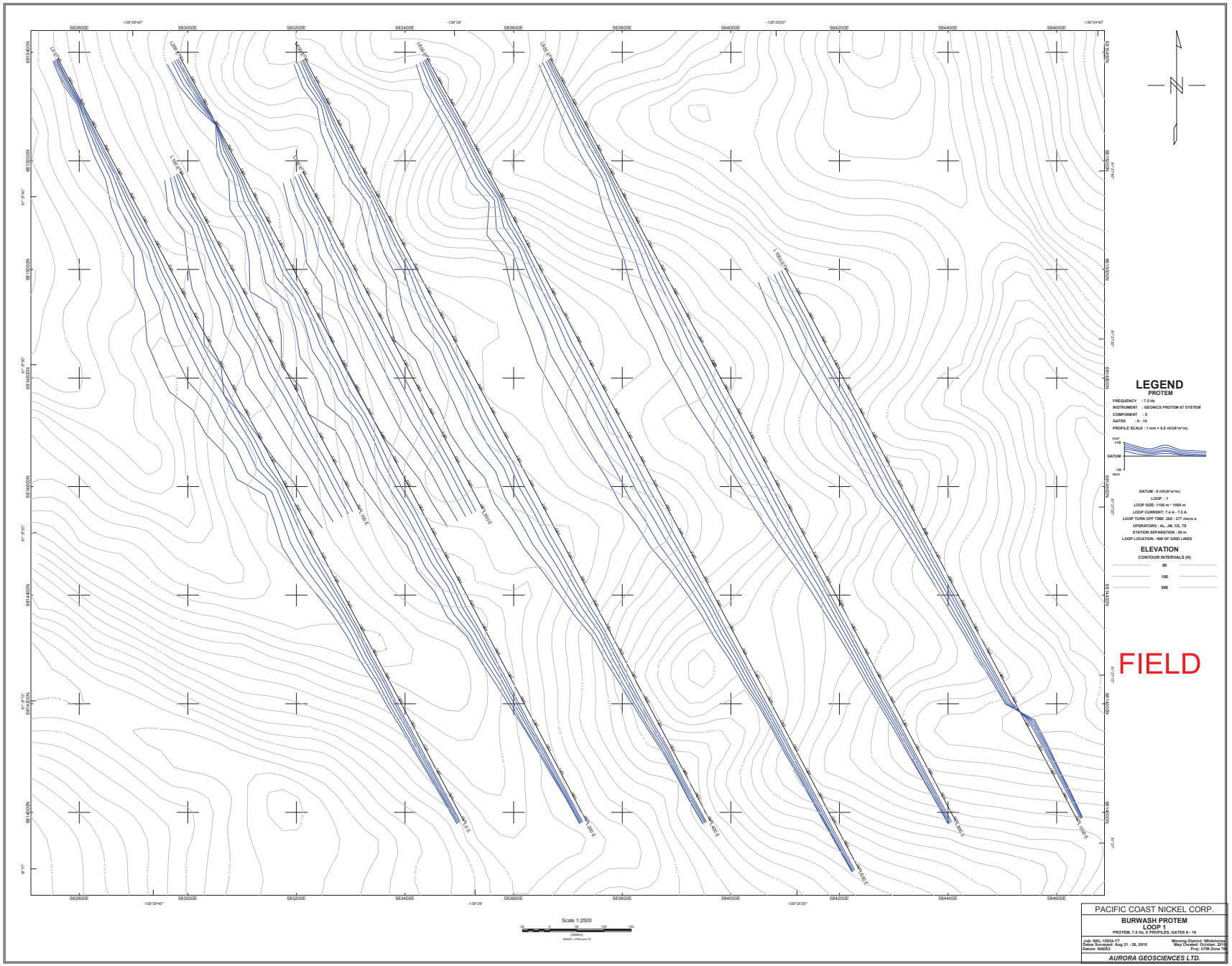
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, X PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.5 nV/(A*m^m)

DATUM : 0 nV/(A*m^m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.0 A
LOOP TURN OFF TIME: 265 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION : NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

50
100
500

FIELD

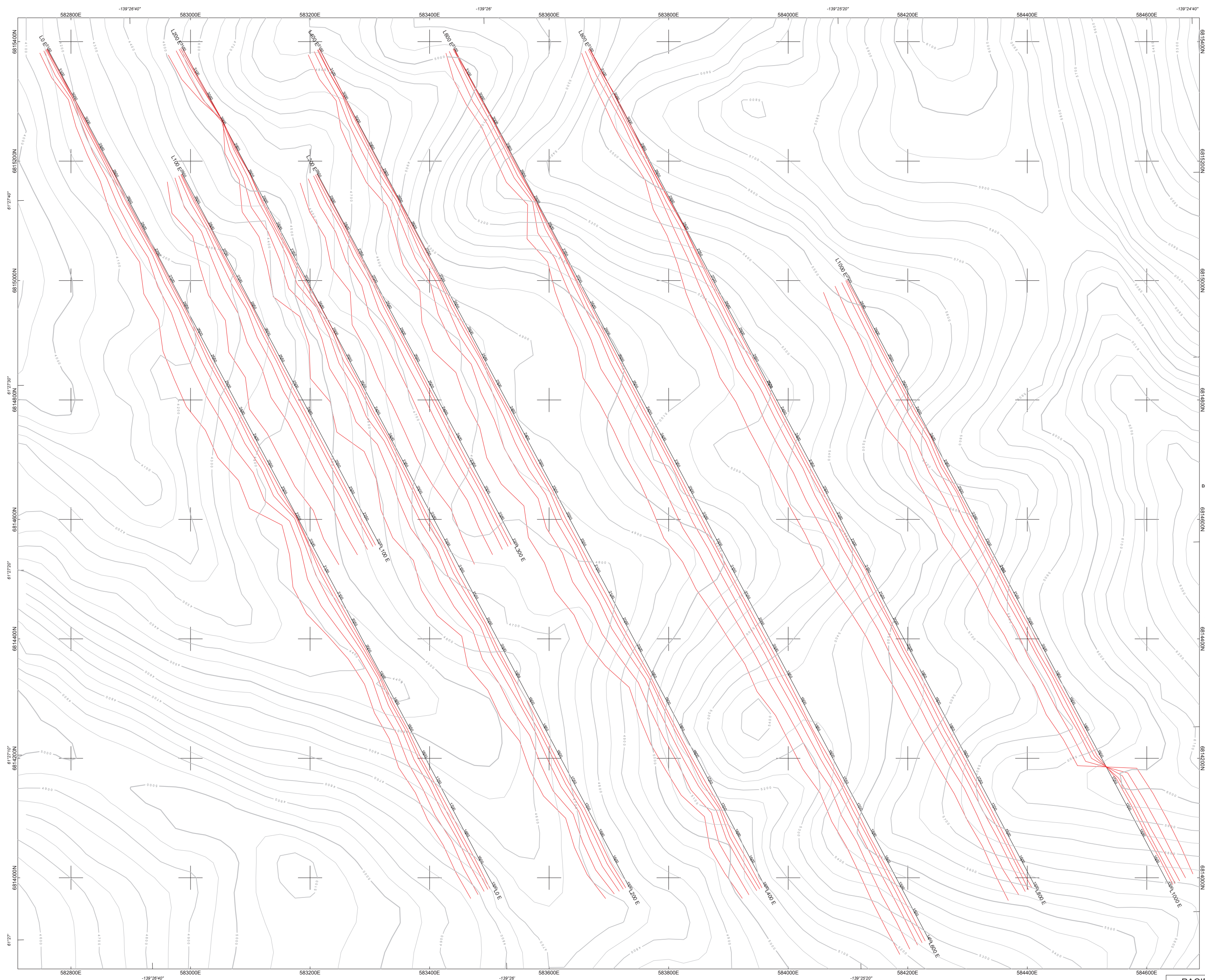
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, X PROFILES, GATES 6 - 10

Job: NKL-10034-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83

Mineing District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



Scale 1:2500

50 0 50 100 150

(meters)

NAD83 / UTM zone 7N

LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.05 nV/(A*m*m)

EAST +10
DATUM
-10 WEST

DATUM : 0 nV/(A*m*m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 265-277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

50
100
500

FIELD

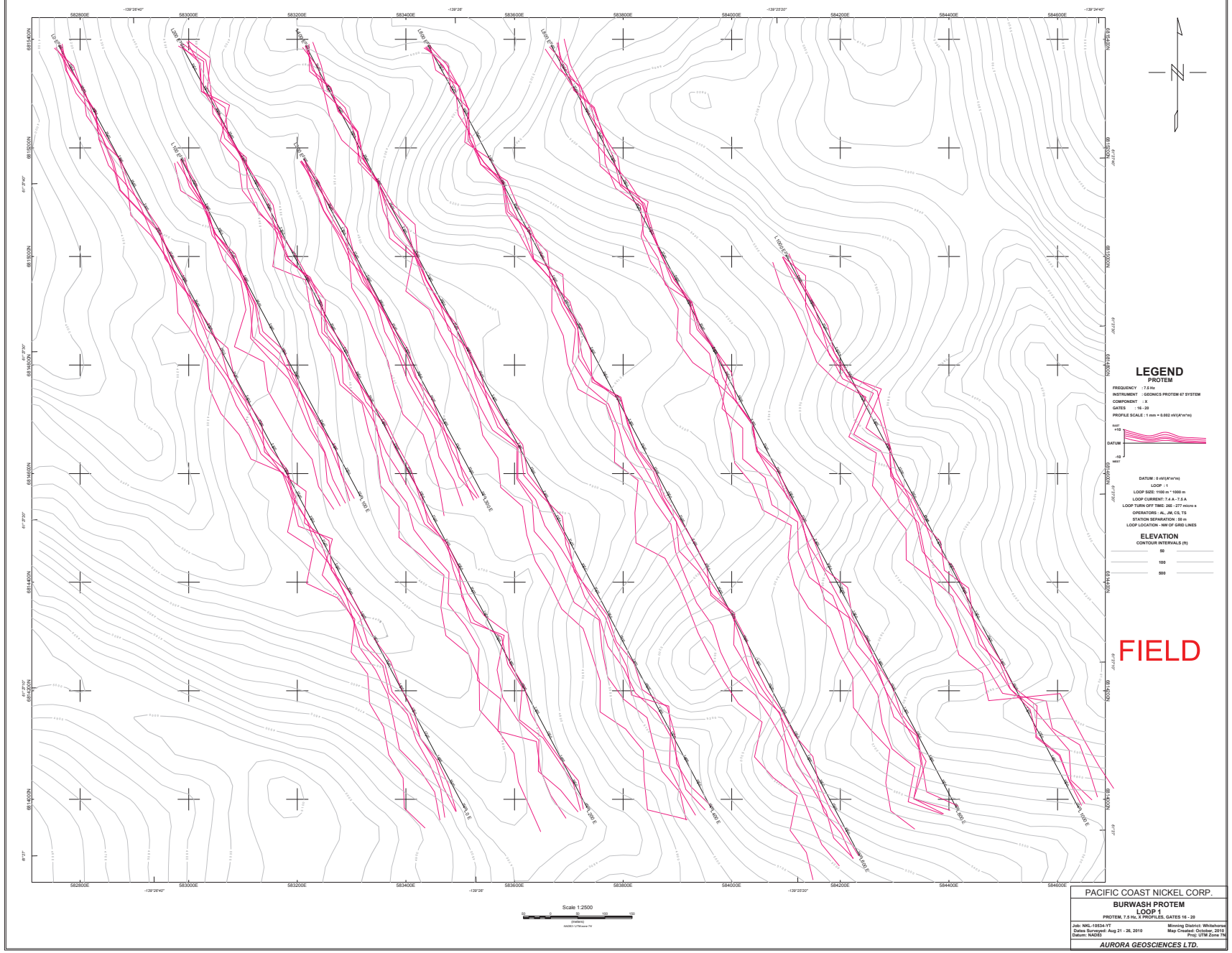
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, X PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.002 nV/(A*m^m)

DATUM : 0 nV/(A*m^m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 260 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

50
100
500

FIELD

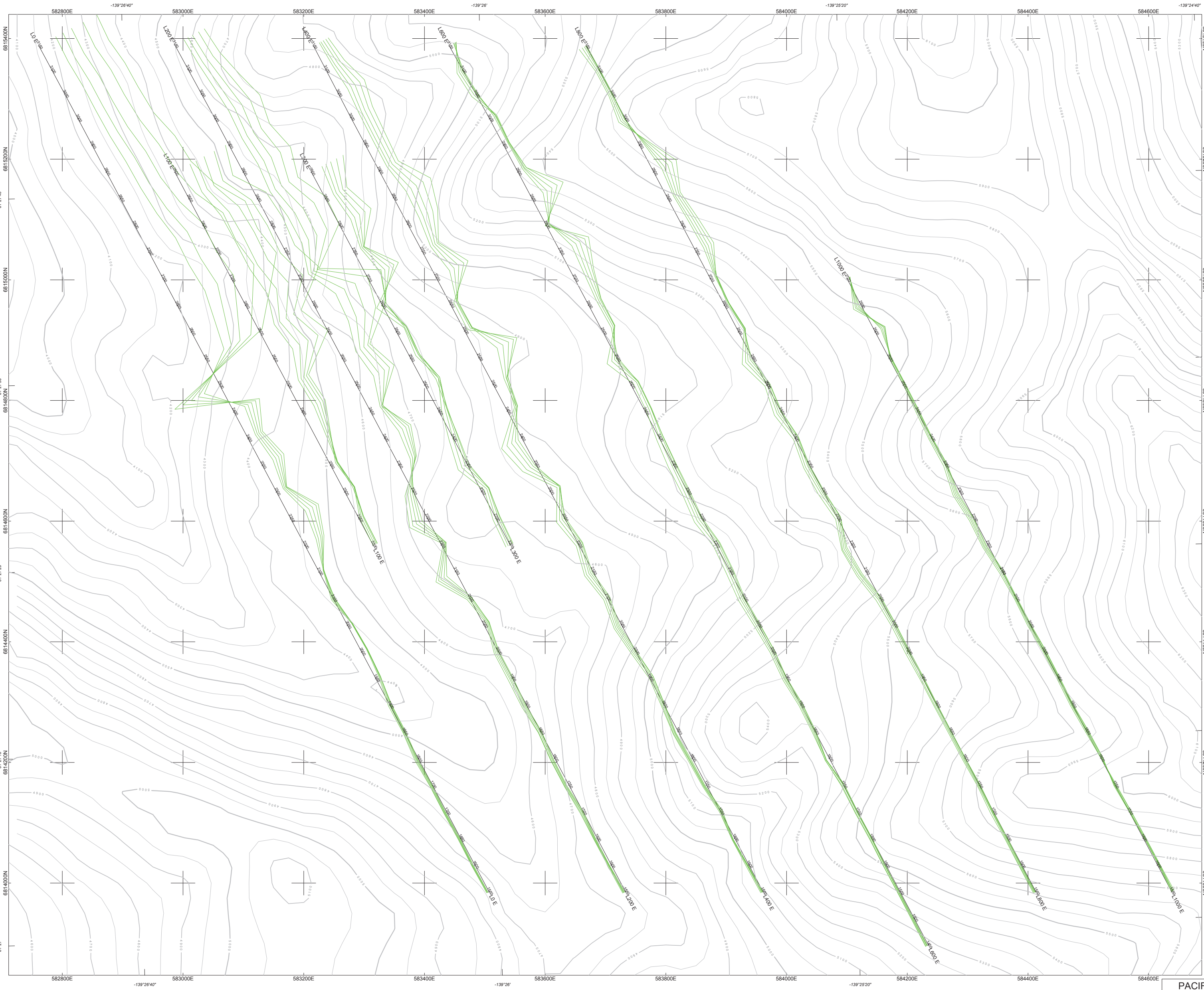
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, X PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

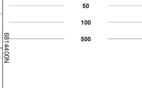
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 1 - 5
PROFILE SCALE : 1 mm = 1.5 nV/(A*m*m)



DATUM : 0 nV/(A*m*m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 265 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

50
100
500

FIELD

Scale 1:2500
50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

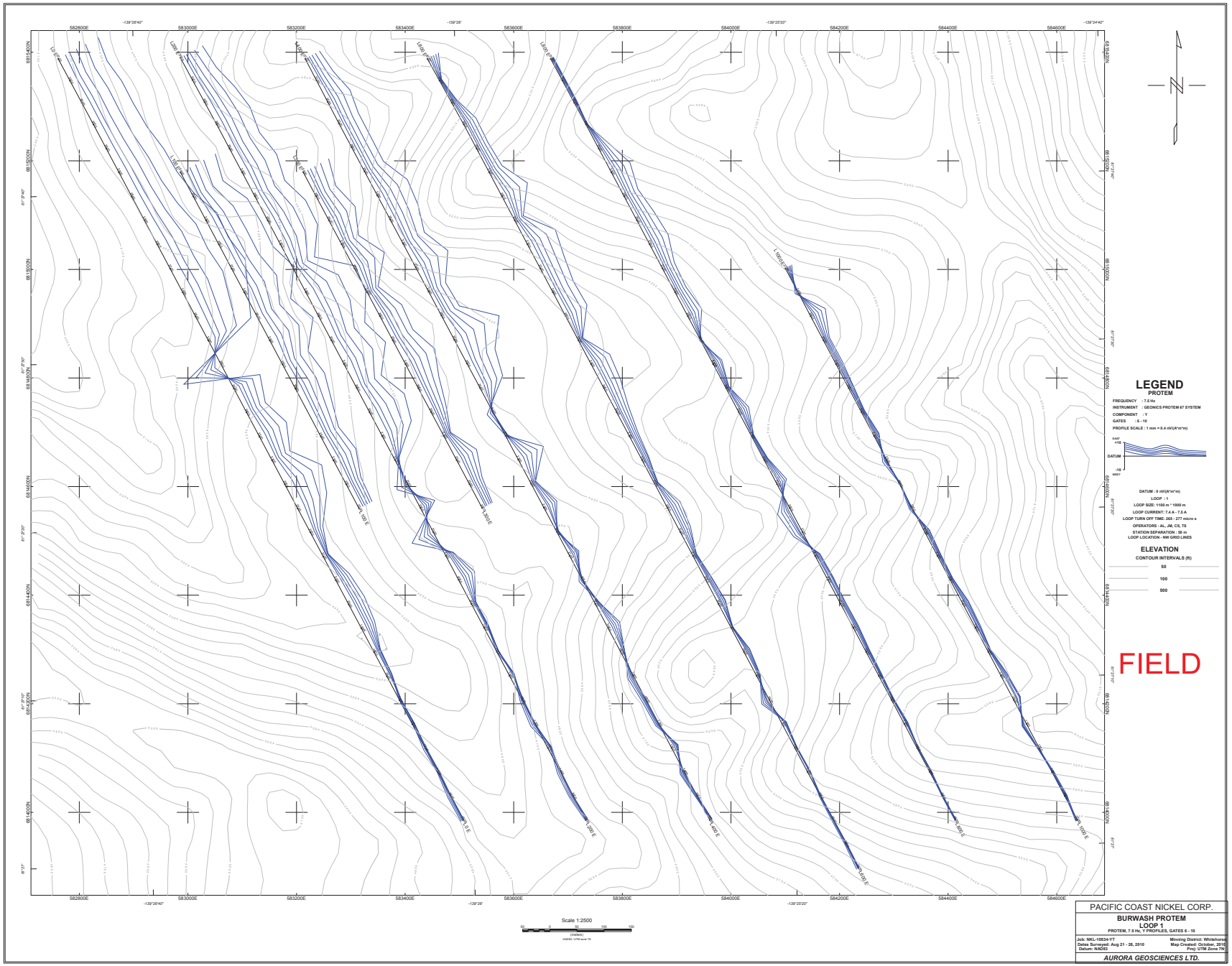
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, Y PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.4 nV/(A*m^4)

EAST
+10
DATUM
-10
WEST

DATUM : 0 nV/(A*m^4)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 265 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

50
100
500

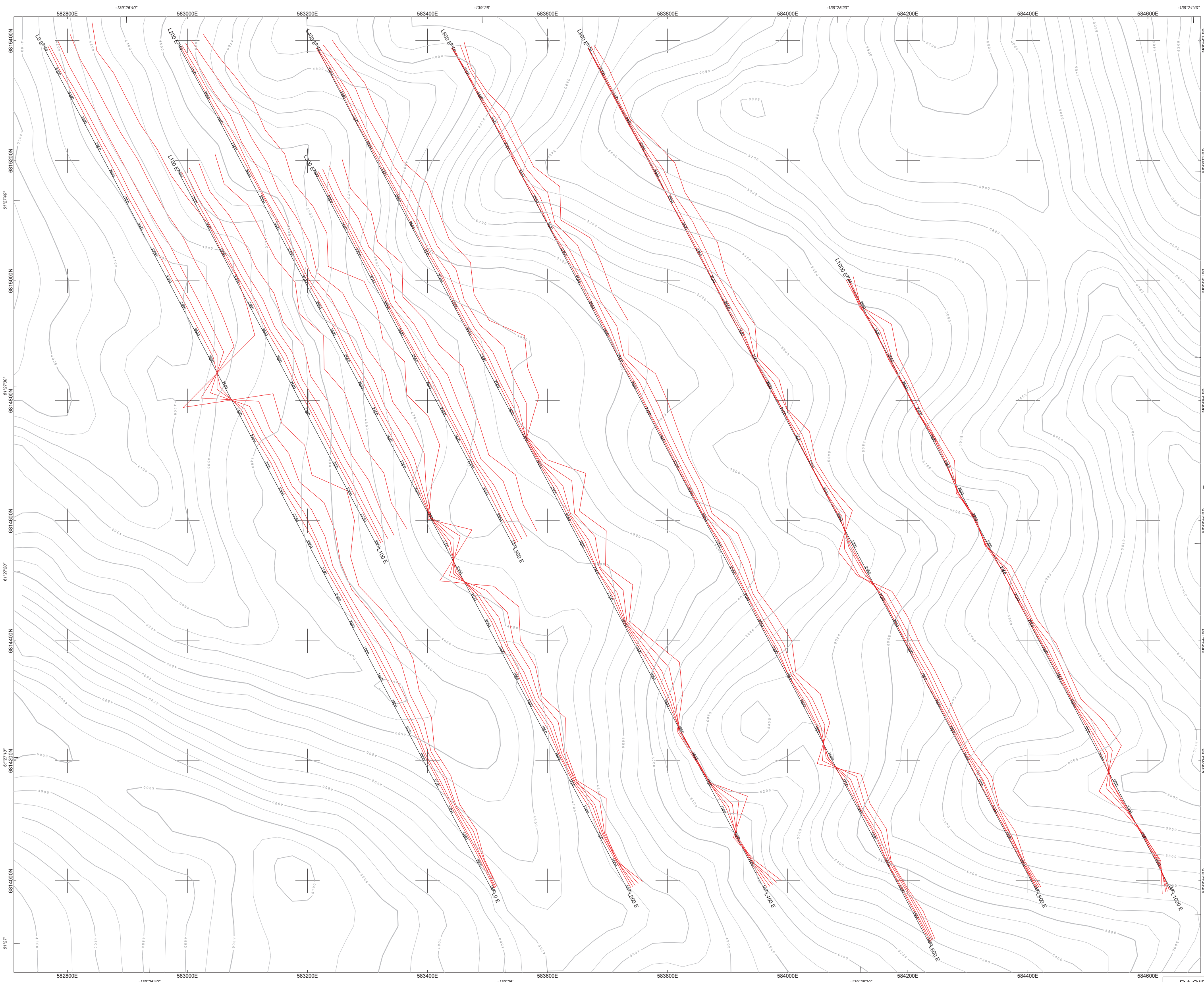
FIELD

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, Y PROFILES, GATES 6 - 10

Job: NKL-10834-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83
Mining District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



FIELD

LEGEND
PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.04 nV/(A*m*m)

EAST +10
DATUM
-10 WEST

DATUM : 0 nV/(A*m*m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 265 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION
CONTOUR INTERVALS (ft)
50
100
500

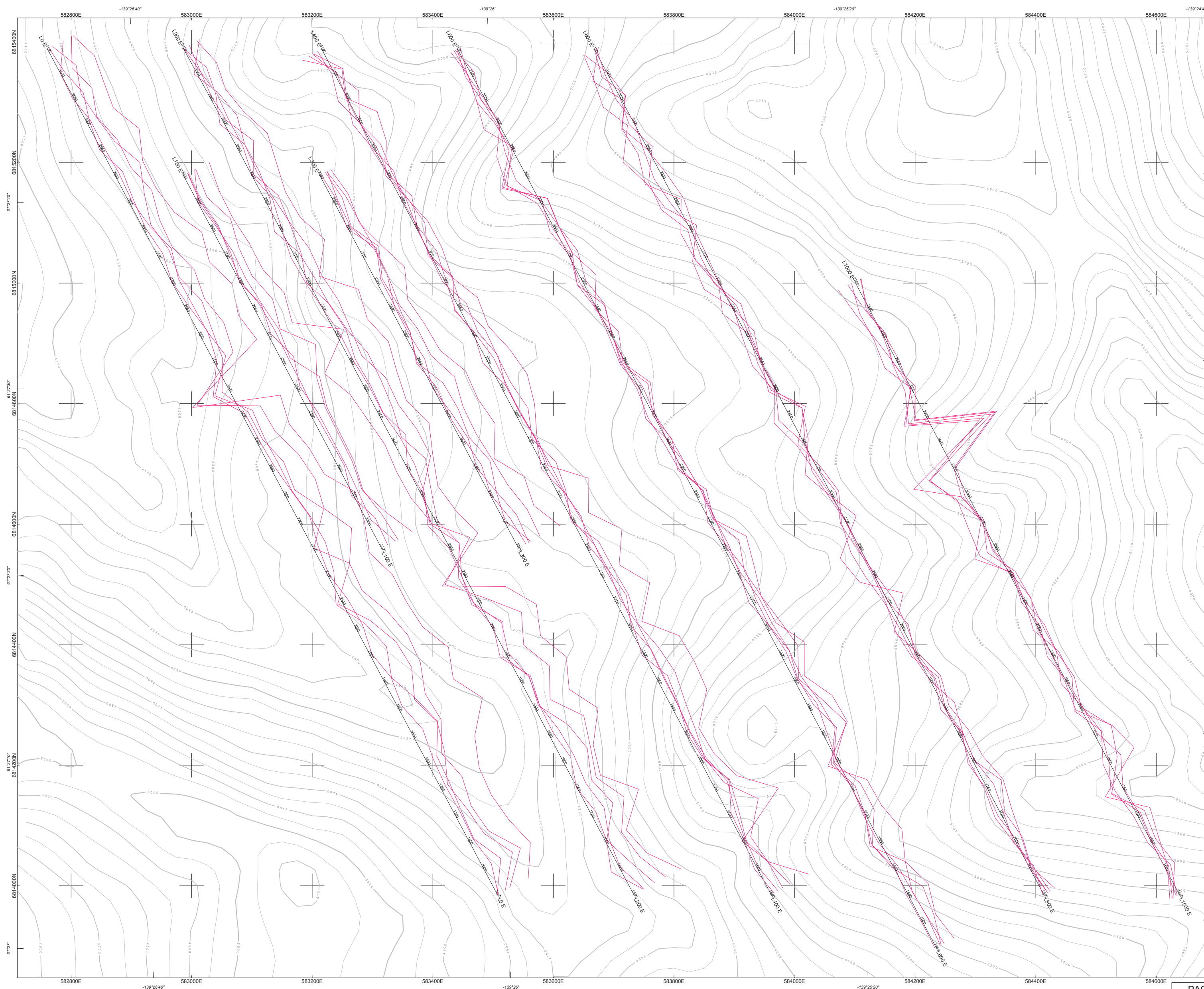
Scale 1:2500
50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, Y PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



Scale 1:2500

50 0 50 100 150

(meters)

NAD83 / UTM zone 7N

LEGEND

PROTEM

FREQUENCY : 7.5 Hz

INSTRUMENT : GEONICS PROTEM 67 SYSTEM

COMPONENT : Y

GATES : 16 - 20

PROFILE SCALE : 1 mm = 0.002 nV/(A*m*m)

EAST +10

DATUM

-10 WEST

DATUM : 0 nV/(A*m*m)

LOOP : 1

LOOP SIZE: 1100 m * 1000 m

LOOP CURRENT: 7.4 A - 7.5 A

LOOP TURN OFF TIME: 265 - 277 micro s

OPERATORS : AL, JM, CS, TS

STATION SEPARATION : 50 m

LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

50

100

500

FIELD

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM

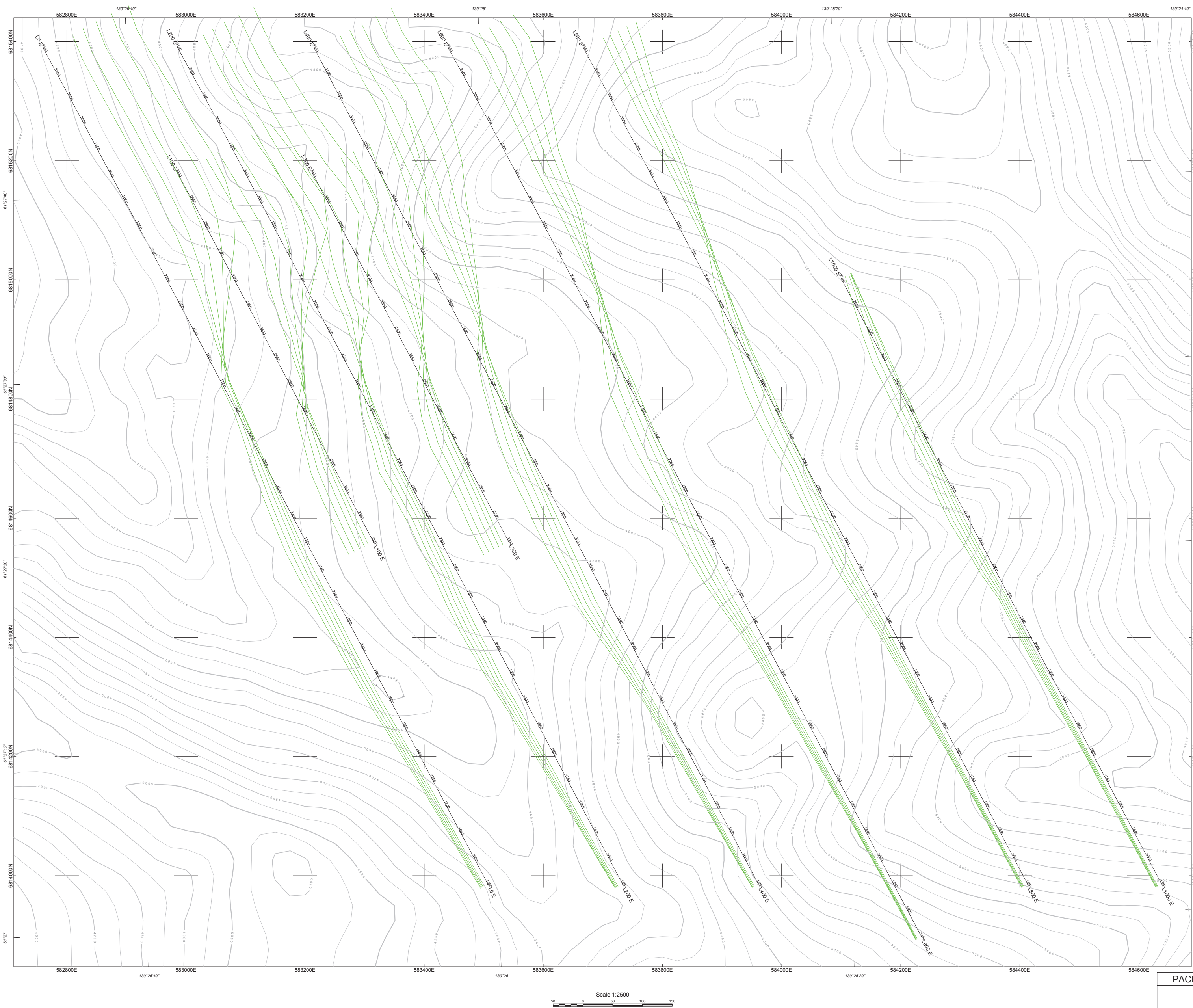
LOOP 1

PROTEM, 7.5 Hz, Y PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 1 - 5
PROFILE SCALE : 1 mm = 1.5 nV/(A*m*m)

EAST +10 / DATUM / -10 WEST

DATUM : 0 nV/(A*m*m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 265 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

50
100
500

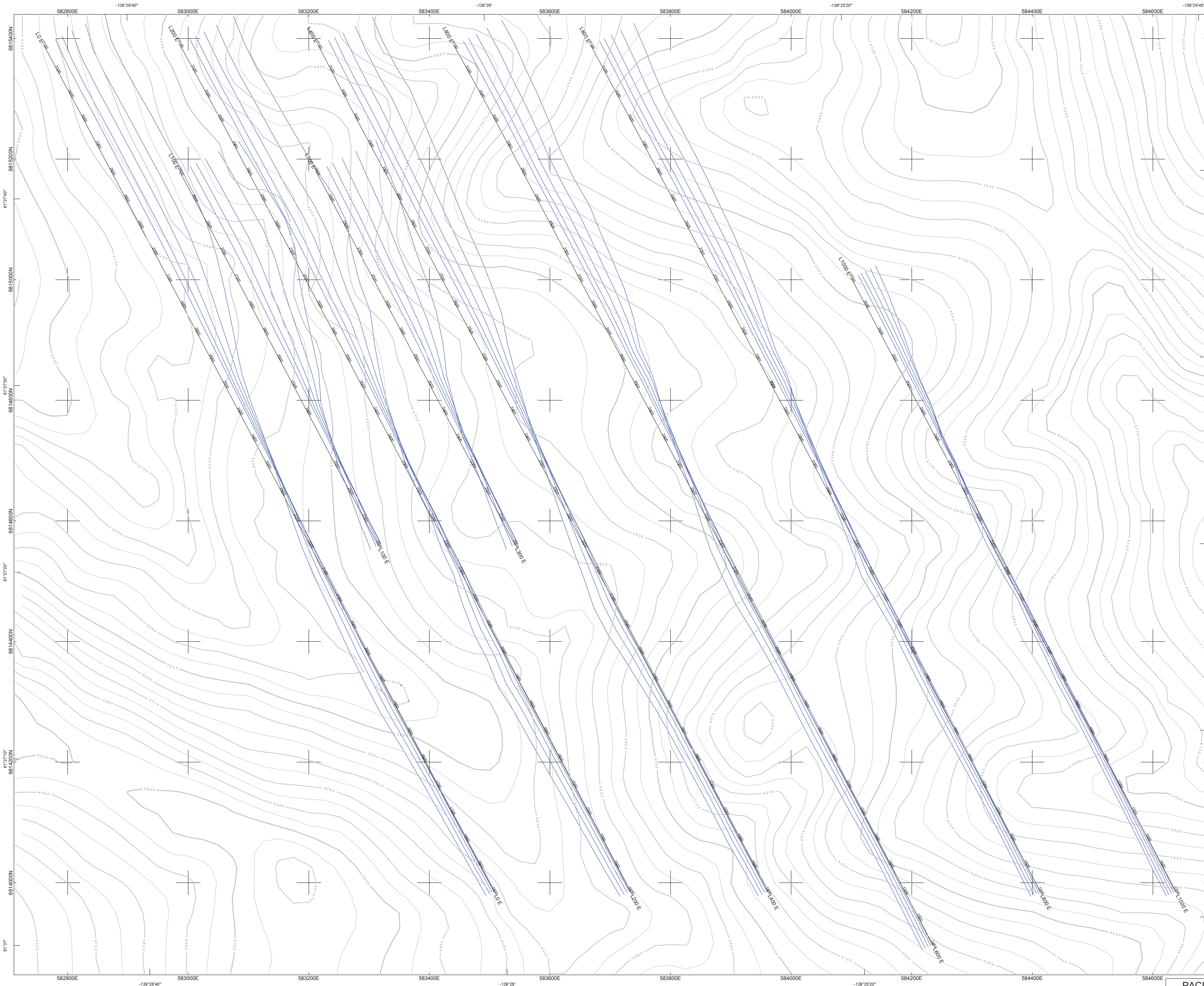
FIELD

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, Z PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND
PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.4 nV/(A*m*m)

EAST
+10
DATUM
-10
WEST

DATUM : 0 nV/(A*m*m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A
LOOP TURN OFF TIME: 265 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION
CONTOUR INTERVALS (ft)
50
100
500

FIELD

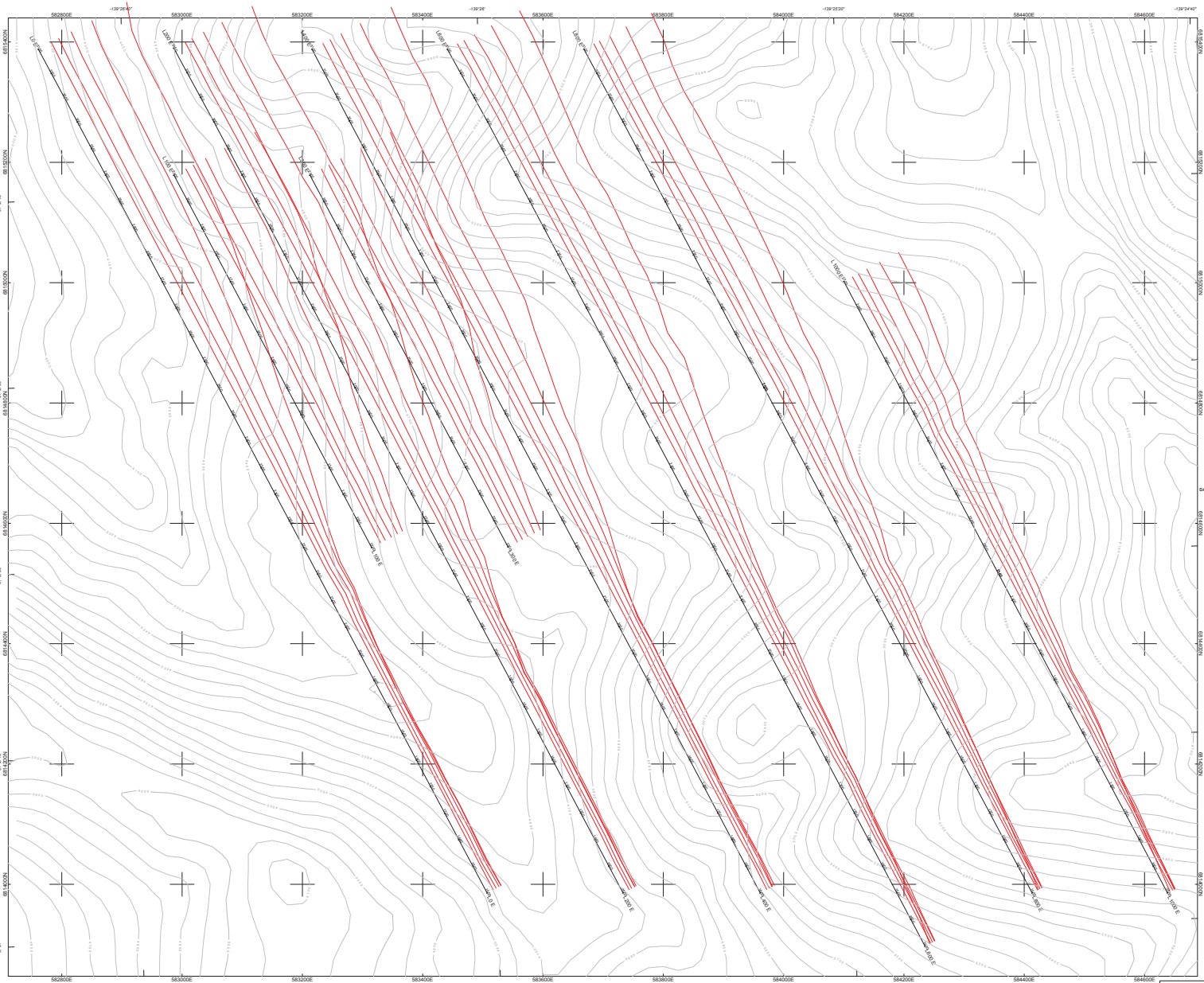
Scale 1:2500
50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, Z PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83
inning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

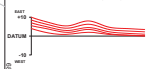
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 11 - 15
PROFILE SCALE: 1 mm = 0.04 nV/(A*m*m)



DATUM : 0 nV/(A*m*m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 265 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)
CONTOUR INTERVALS (ft)
50
100
500

FIELD

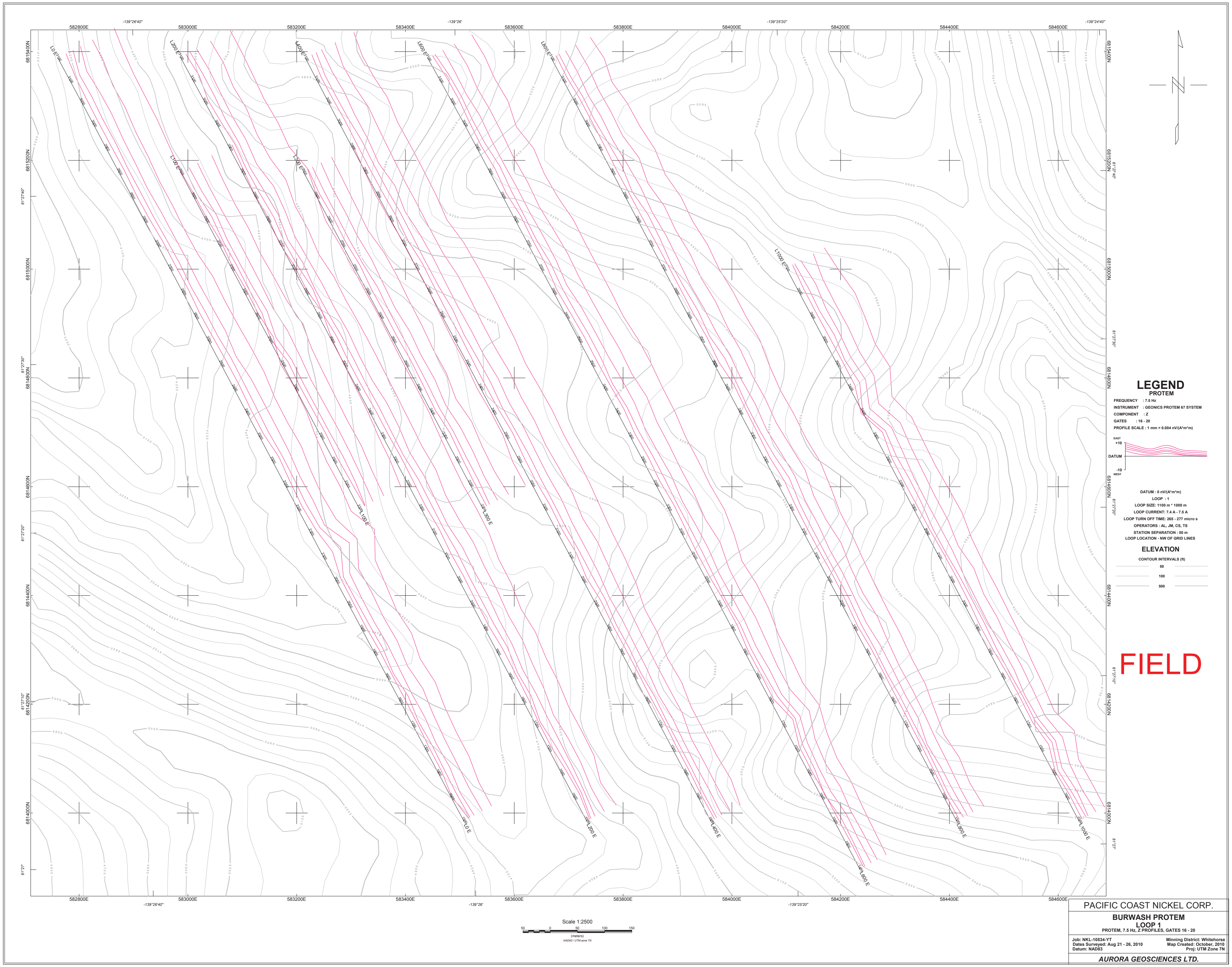
PACIFIC COAST NICKEL CORP.

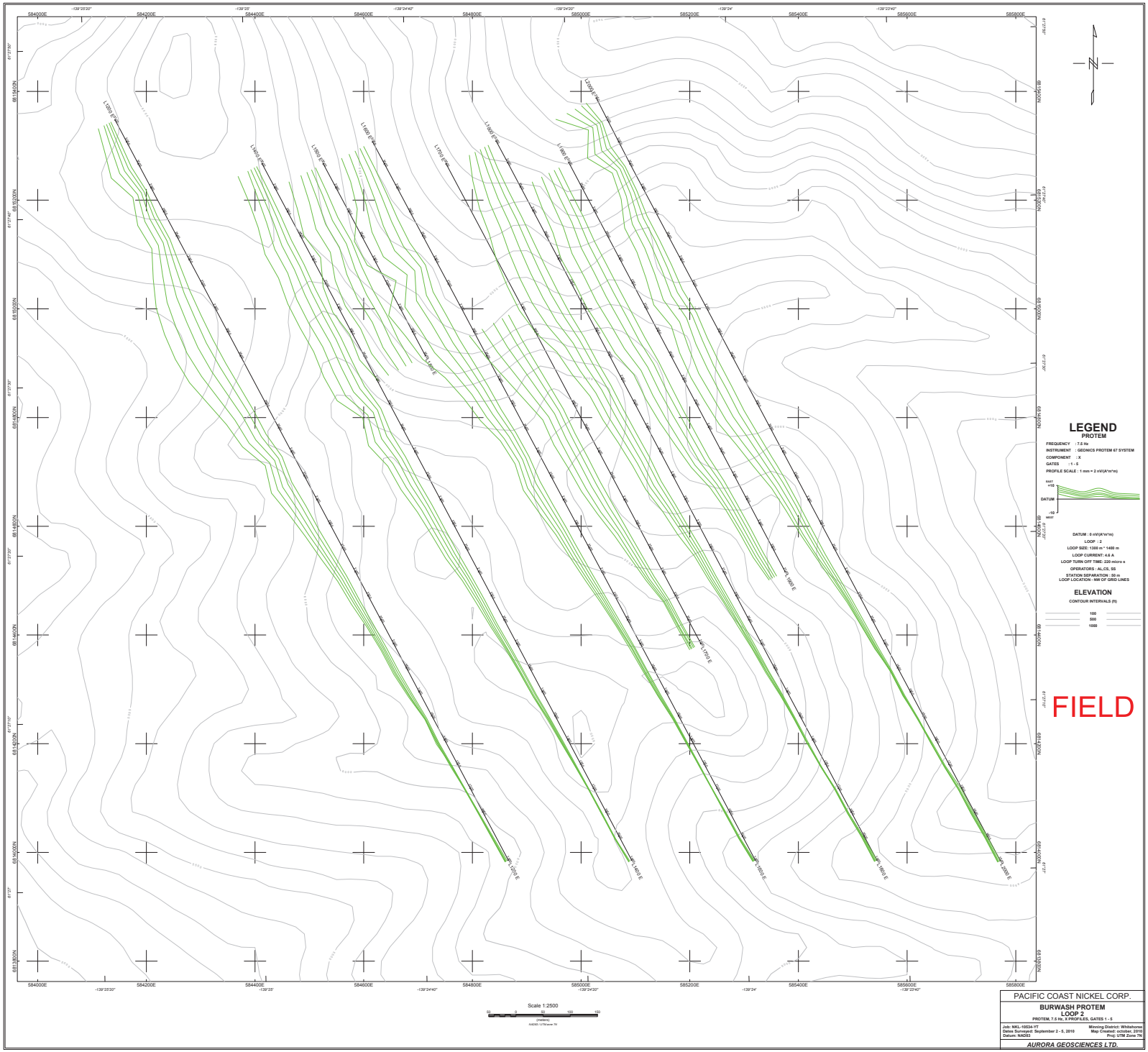
BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, Z PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.


LEGEND
PROTEM
FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.004 nV/(A*m*m)
EAST
+10
DATUM
-10
WEST
DATUM : 0 nV/(A*m*m)
LOOP : 1
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A - 7.5 A
LOOP TURN OFF TIME: 265 - 277 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
50
100
500
FIELD
Scale 1:2500
(meters)
NAD83 / UTM zone 7N
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 1
PROTEM, 7.5 Hz, Z PROFILES, GATES 16 - 20
Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 1 - 5
PROFILE SCALE : 1 mm = 2 nV/(A*m^m)

DATUM : 0 nV/(A*m^m)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL,CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

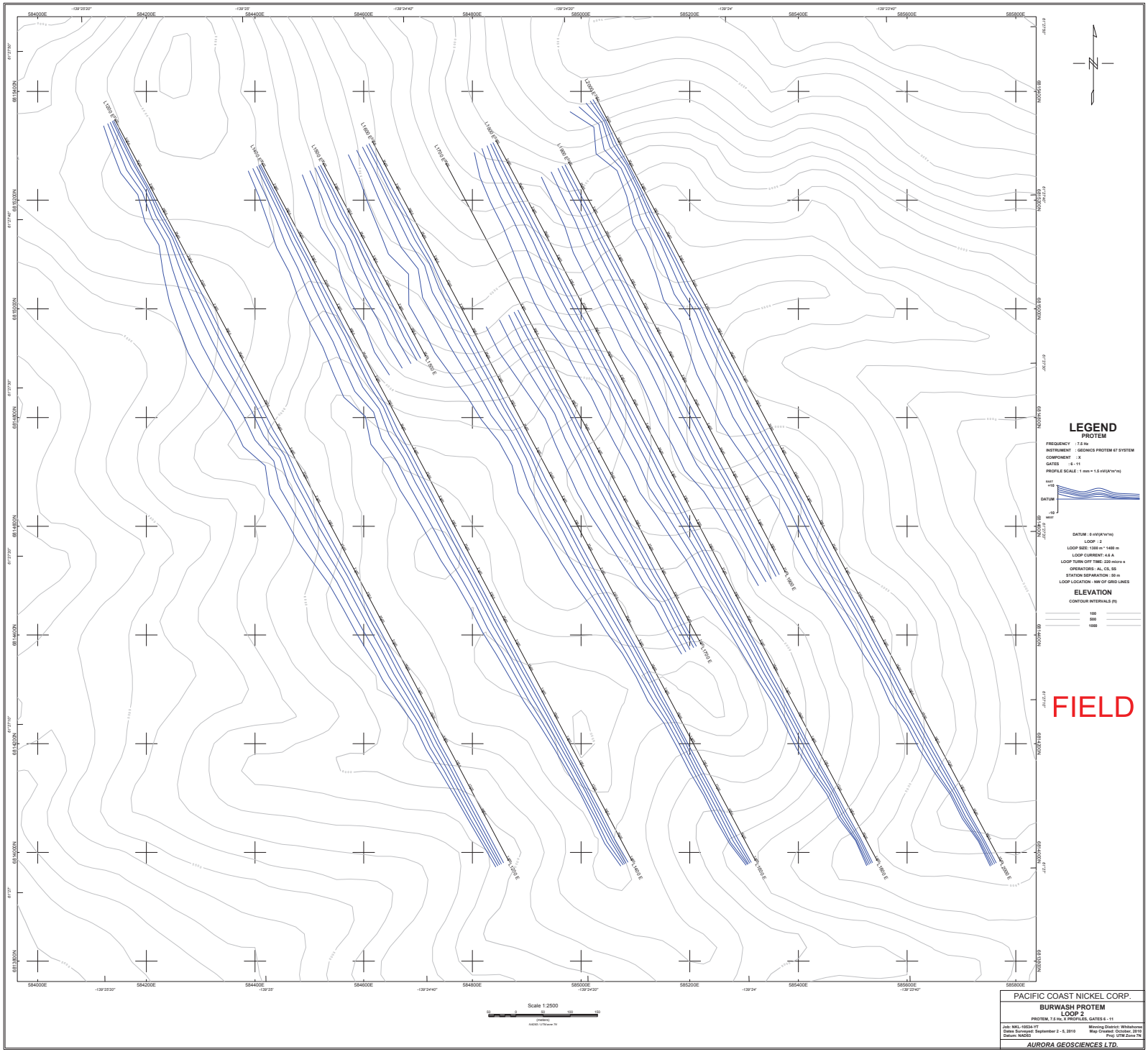
PACIFIC COAST NICKEL CORP.

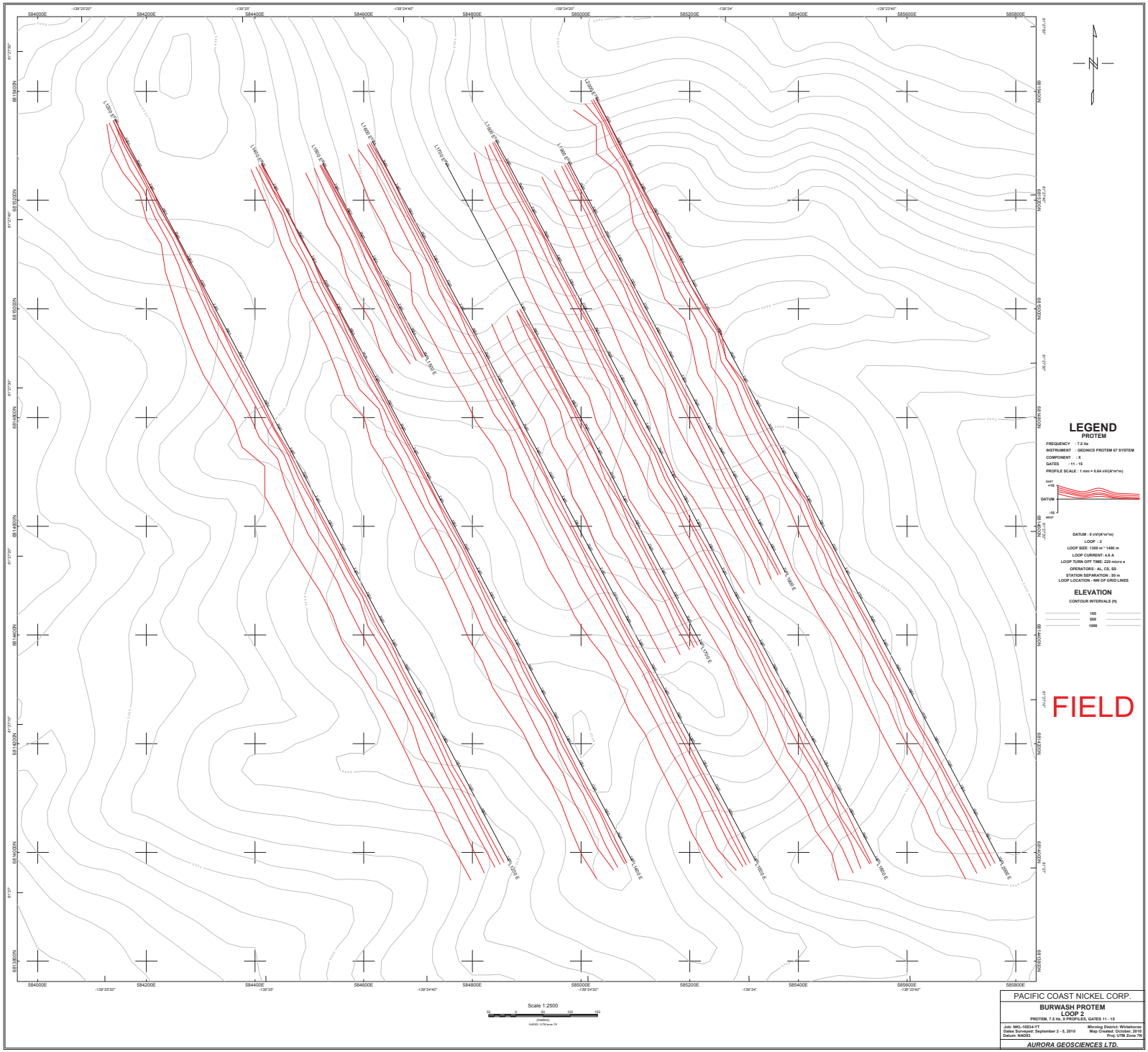
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, X PROFILES, GATES 1 - 5

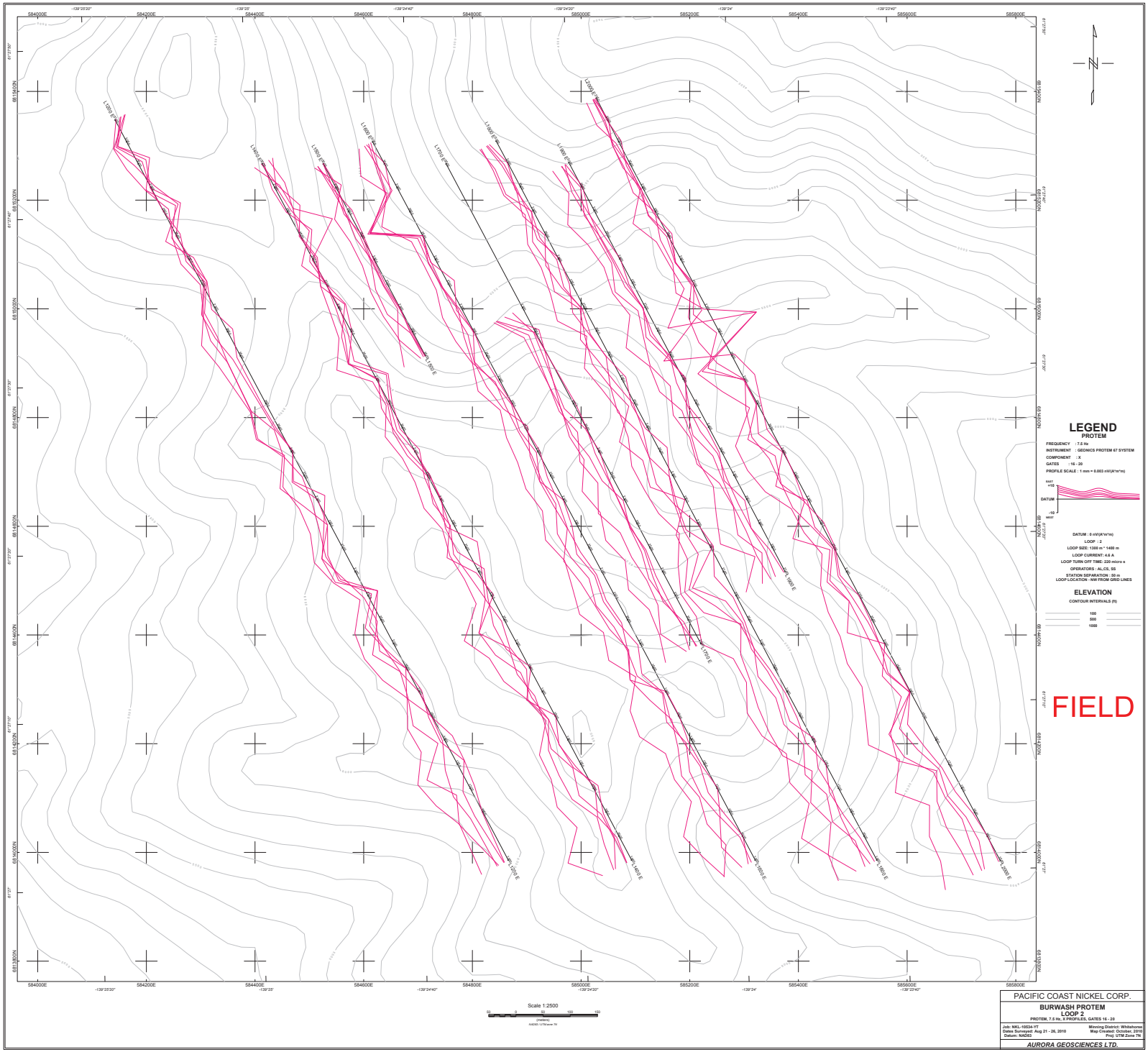
Job: NKL-16034-YT
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83

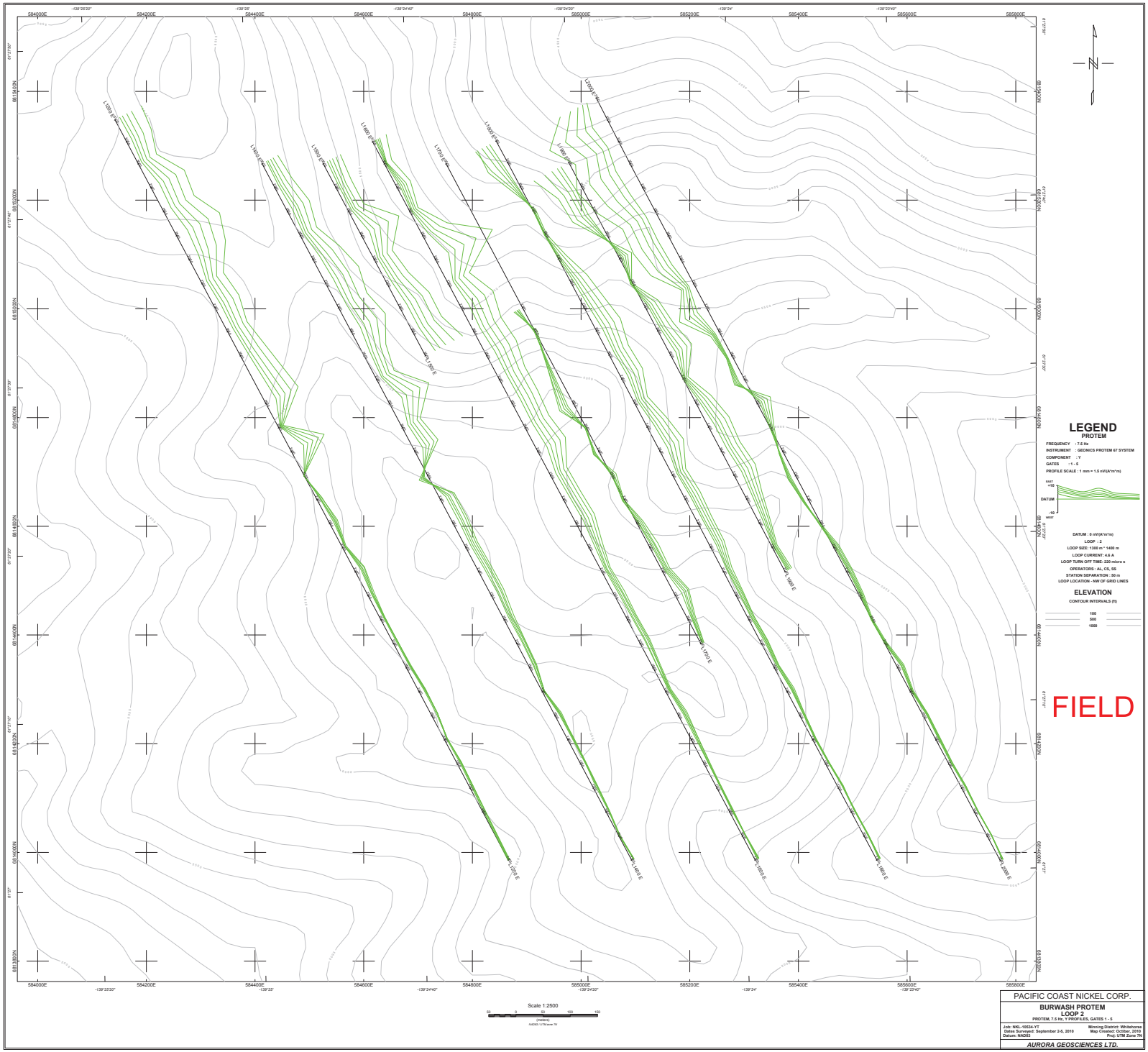
Mineral District: Whitehorse
Map Created: october, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.


L1300 E
L1400 E
L1500 E
L1600 E
L1700 E
L1800 E
L1900 E
L2000 E
84000E
84200E
84400E
84600E
84800E
85000E
85200E
85400E
85600E
85800E
68154000N
68152000N
68150000N
68148000N
68146000N
68144000N
68142000N
68140000N
68138000N
Scale 1:2500
LEGEND
PROTEM
FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 6 - 11
PROFILE SCALE : 1 mm = 1.5 nV/(A*m*m)
DATUM : 0 nV/(A*m*m)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, X PROFILES, GATES 6 - 11
Job: NKL-10SA-17
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83
Mapping Datum: WGS84
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.


LEGEND
PROTEM
FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.04 nV/(A*m^4)
DATUM : 0 nV/(A*m^4)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION : NW OF GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
Scale 1:2500
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, X PROFILES, GATES 11 - 15
Job: NKL-18SAN-YT
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83
Mapping Station: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.


LEGEND
PROTEM
FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.003 mV/(A*m^4)
DATUM : 0 mV/(A*m^4)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL,CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW FROM GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
Scale 1:2500
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, X PROFILES, GATES 16 - 20
Job: NKL-16SA-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83
Mapping Grid: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 1 - 5
PROFILE SCALE : 1 mm = 1.5 nV/(A*m^m)

EAST
+10
DATUM
-10
WEST

DATUM : 0 nV/(A*m^m)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

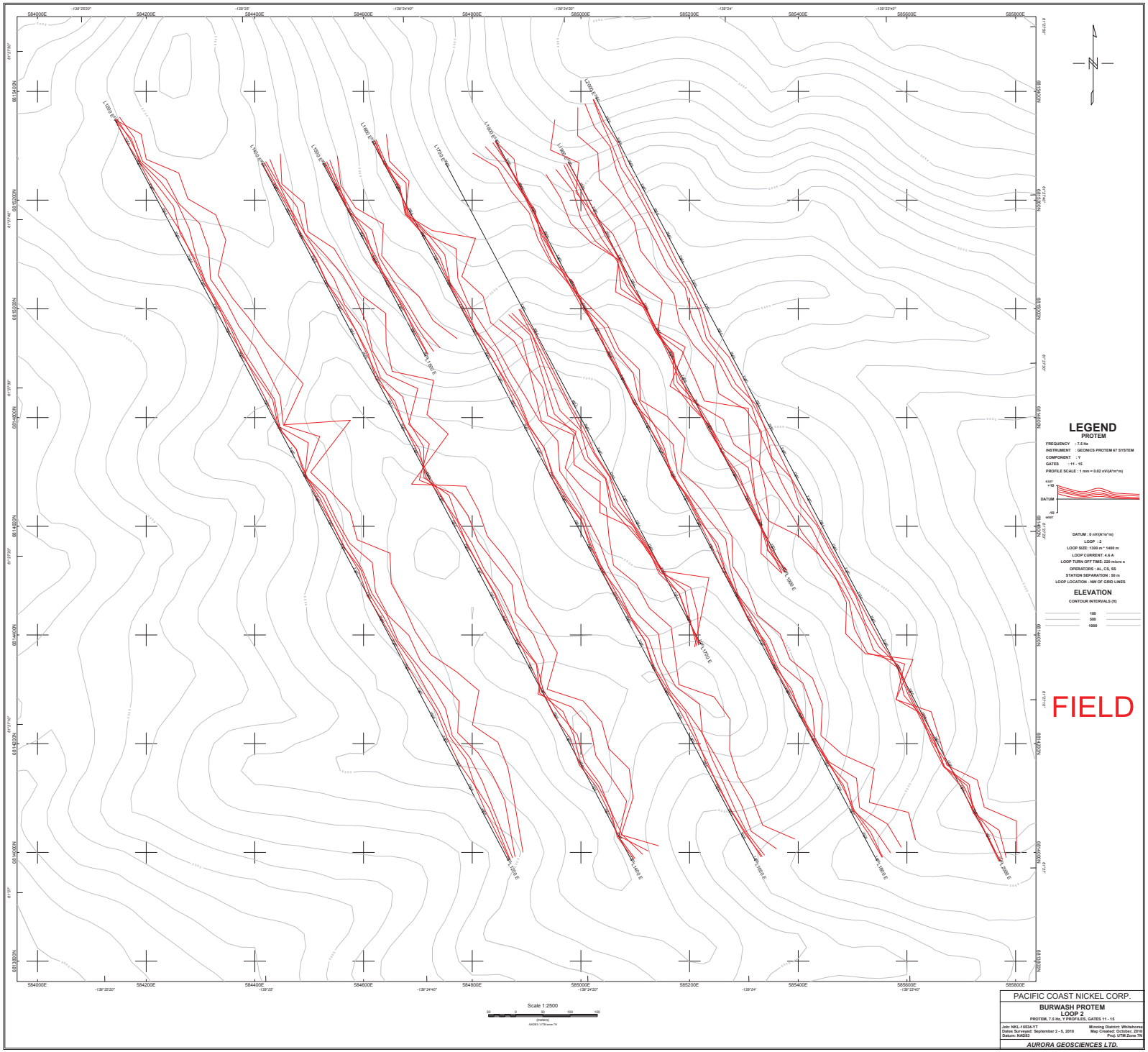
PACIFIC COAST NICKEL CORP.

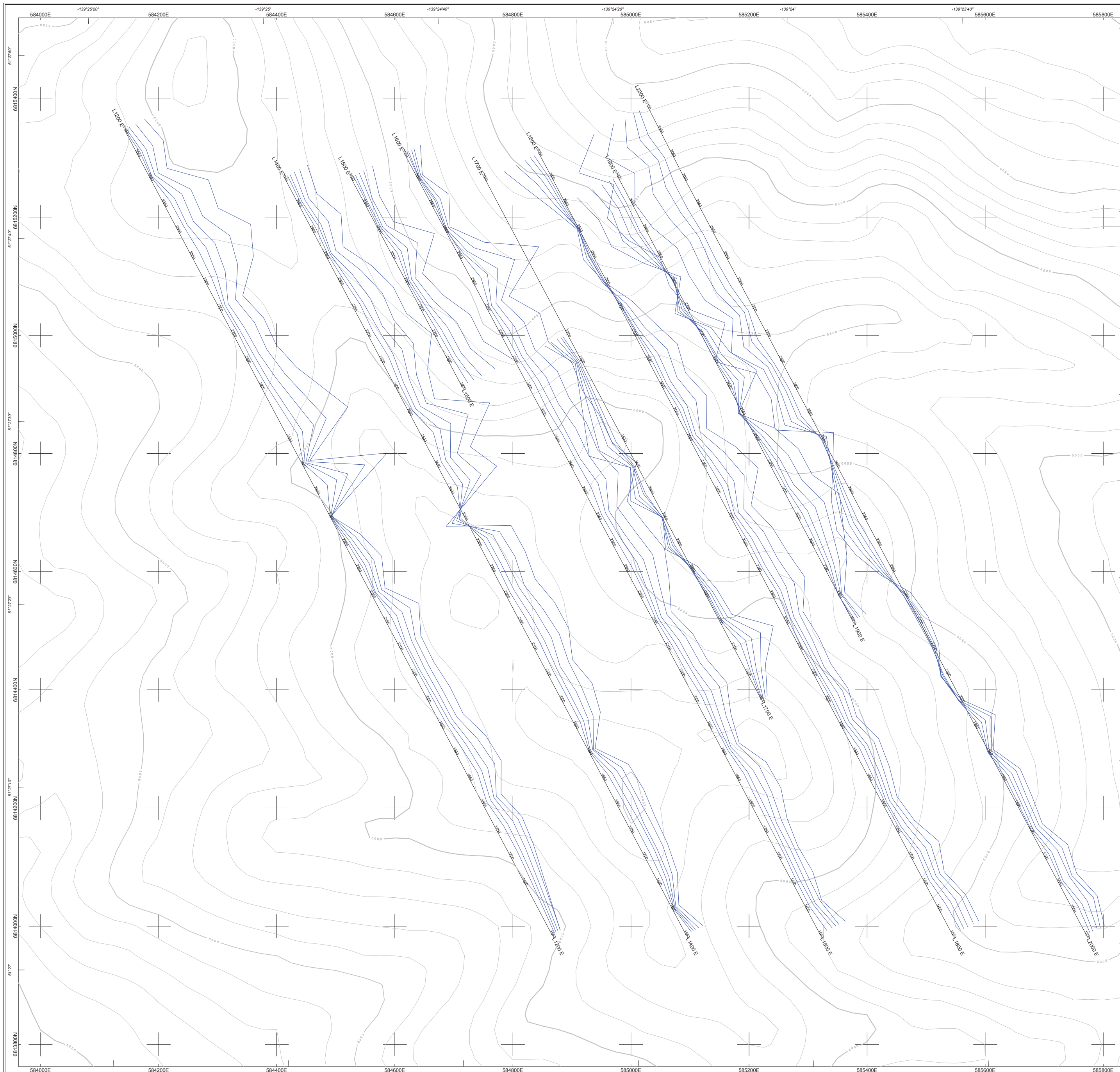
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, Y PROFILES, GATES 1 - 5

Job: NKL-16034-YT
Dates Surveyed: September 2-5, 2010
Datum: NAD83

Mining District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.

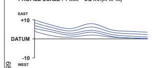

LEGEND
PROTEM
FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.02 nV/(A*m*m)
DATUM : 0 nV/(A*m*m)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
Scale 1:2500
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, Y PROFILES, GATES 11 - 15
Job: NKL-1-GSA-17
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83
Mapping District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.2 nV/(A*m*m)



DATUM : 0 nV/(A*m*m)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

Scale 1:2500

50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

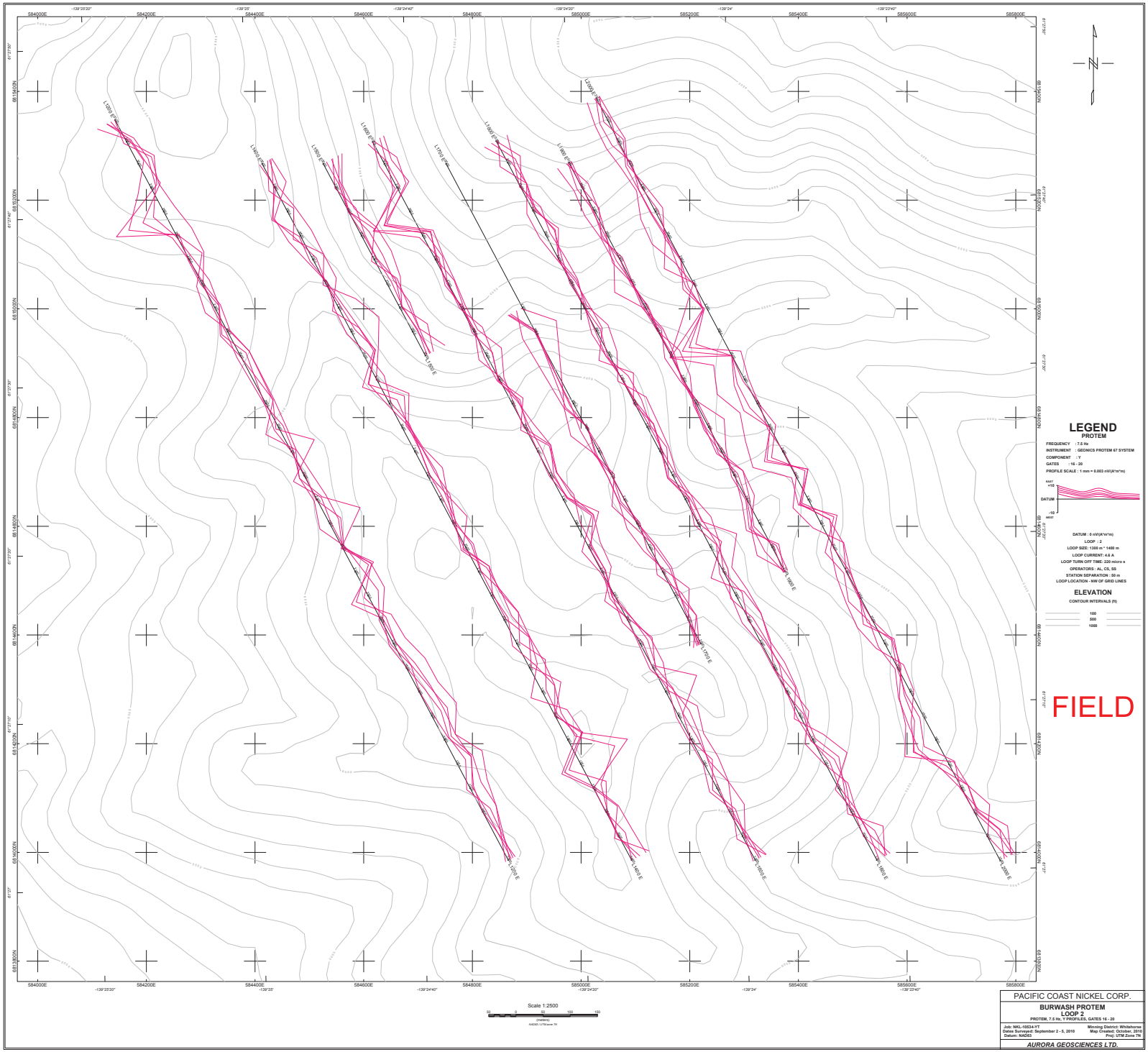
PACIFIC COAST NICKEL CORP.

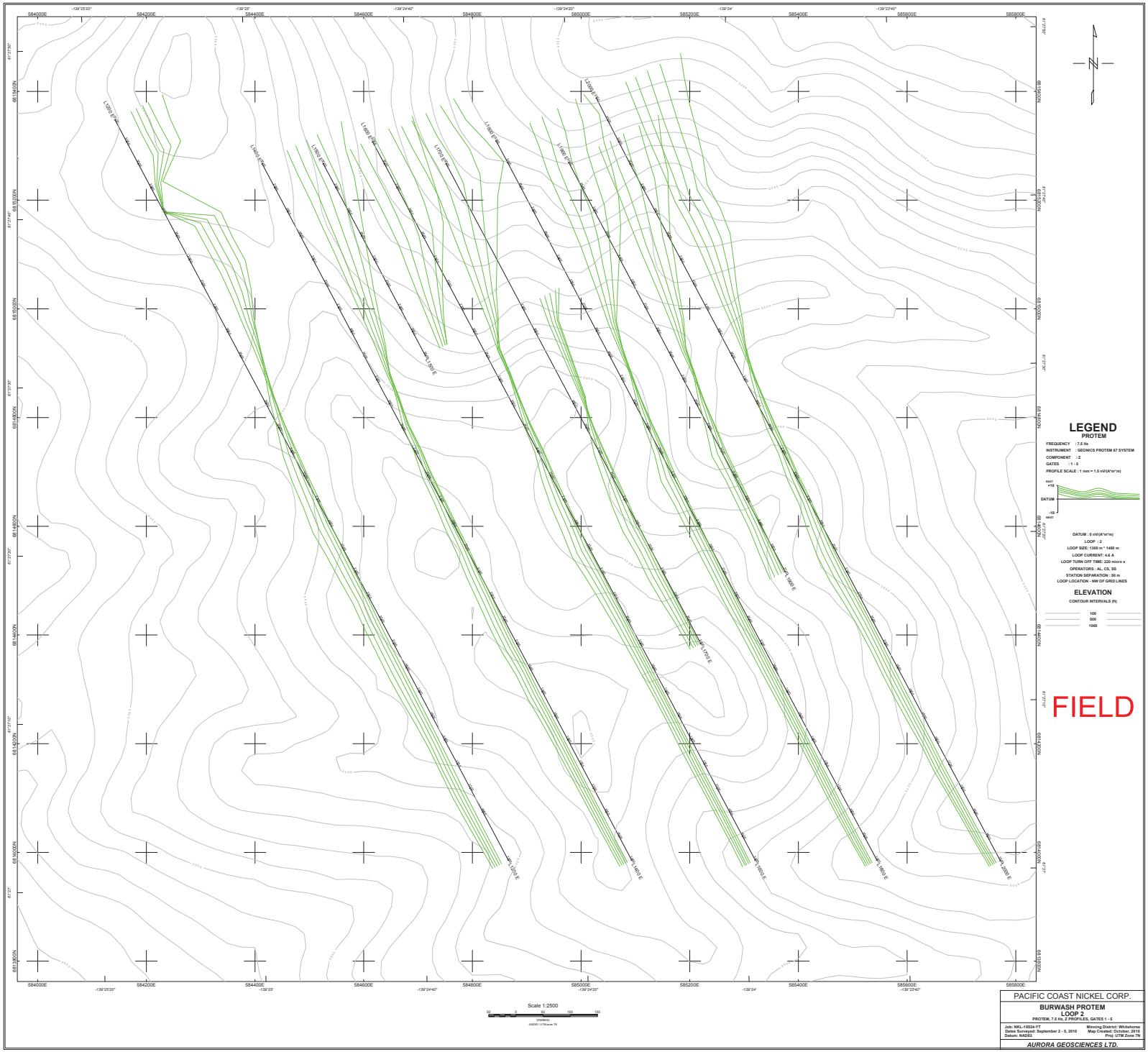
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, Y PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.


584000E
584200E
584400E
584600E
584800E
585000E
585200E
585400E
585600E
585800E
-139°25'20"
-139°25'
-139°24'40"
-139°24'20"
-139°24'
-139°23'40"
61°27'50"
61°27'40"
61°27'30"
61°27'20"
61°27'10"
61°27'
61°26'50"
61°26'40"
68°15'00N
68°14'00N
68°13'00N
L1300 E
L1400 E
L1500 E
L1600 E
L1700 E
L1800 E
L1900 E
L2000 E
Scale 1:2500
LEGEND
PROTEM
FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.003 mV/(A*m^m)
DATUM
DATUM : 0 mV/(A*m^m)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, Y PROFILES, GATES 16 - 20
Job: NKL-18EAA-YT
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83
Mining District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 1 - 5
PROFILE SCALE : 1 mm = 1.5 nV/(A*m^m)

DATUM : 0 nV/(A*m^m)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

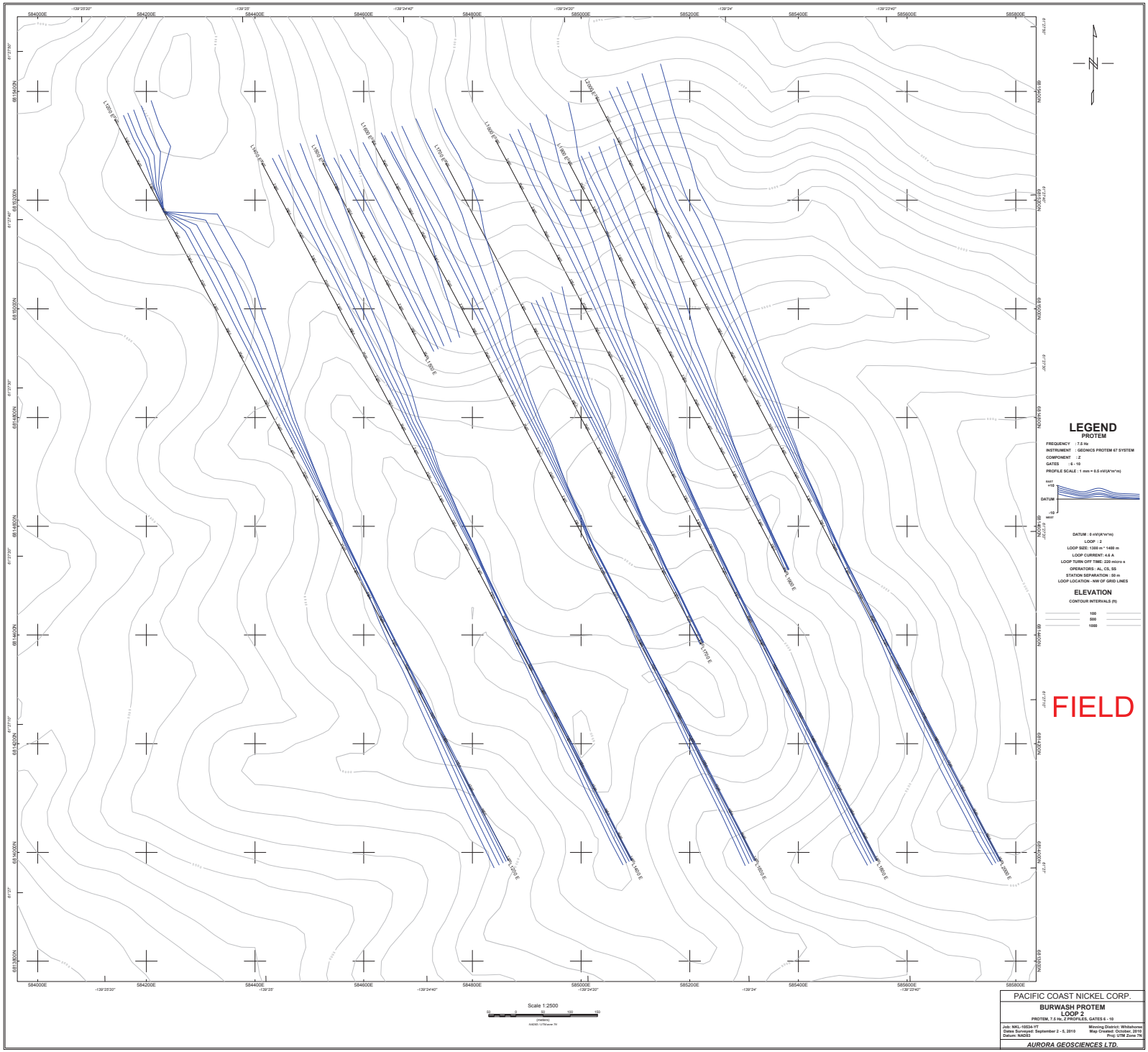
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, Z PROFILES, GATES 1 - 5

Job: NKL-1-SOU-YT
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83

Mineral Claims: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



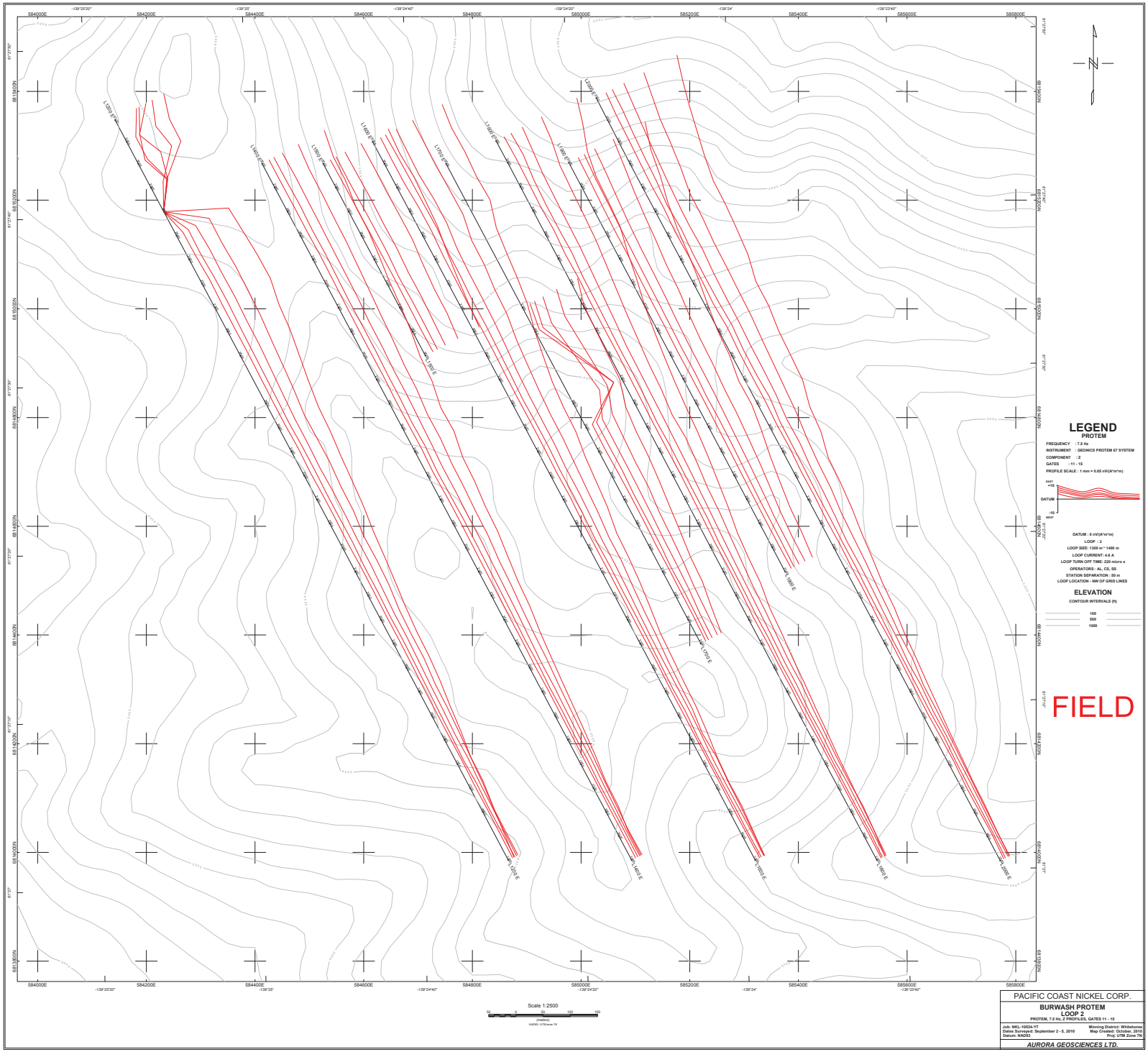
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, Z PROFILES, GATES 6 - 10

Job: NKL-16SA-YT
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83

Mining District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.05 nV/(A*m*m)

DATUM : 0 nV/(A*m*m)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

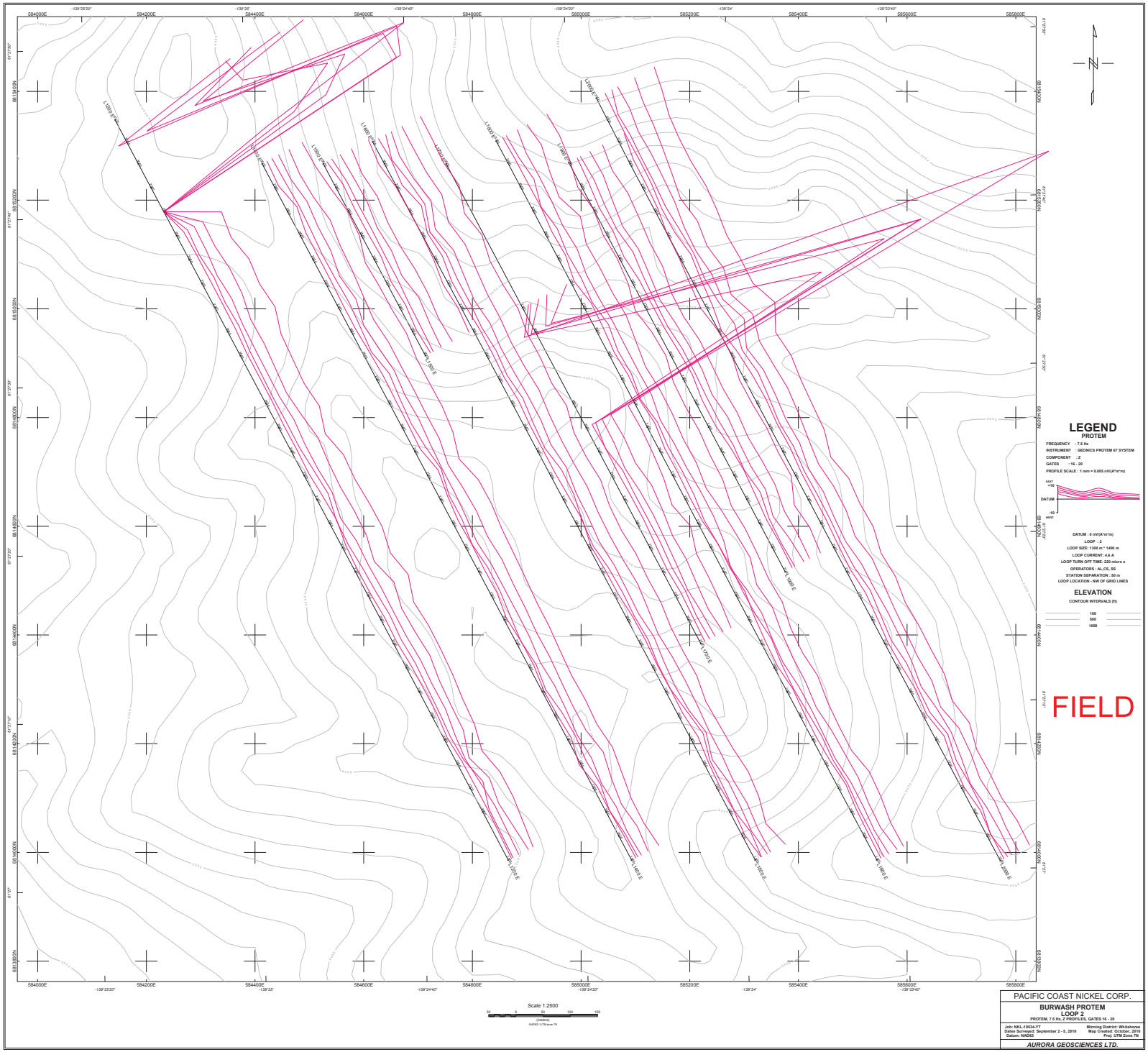
PACIFIC COAST NICKEL CORP.

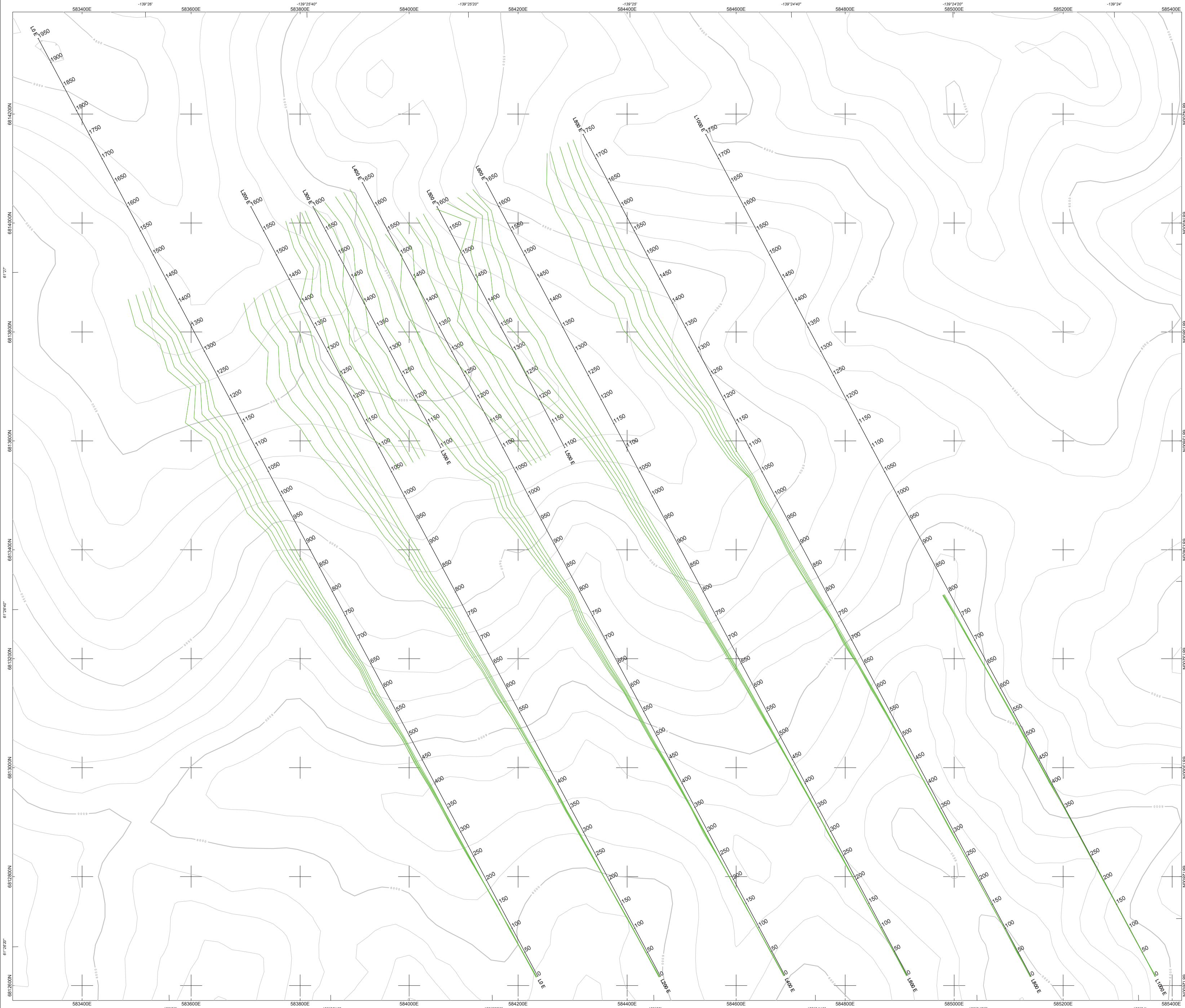
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, Z PROFILES, GATES 11 - 15

Job: NKL-16SA-1T
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83

Mining District: Wolverine
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.

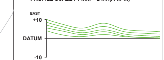

LEGEND
PROTEM
FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.005 mV/(A*m^4)
DATUM : 0 mV/(A*m^4)
LOOP : 2
LOOP SIZE: 1300 m * 1400 m
LOOP CURRENT: 4.6 A
LOOP TURN OFF TIME: 220 micro s
OPERATORS : AL,CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
Scale 1:2500
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 2
PROTEM, 7.5 Hz, Z PROFILES, GATES 16 - 20
Job: NKL-1-SOA-YT
Dates Surveyed: September 2 - 5, 2010
Datum: NAD83
Mineing District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 1 - 5
PROFILE SCALE : 1 mm = 2 nV/(A*m*m)



DATUM : 0 nV/(A*m*m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 218 - 295 micro s
OPERATORS : JM, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

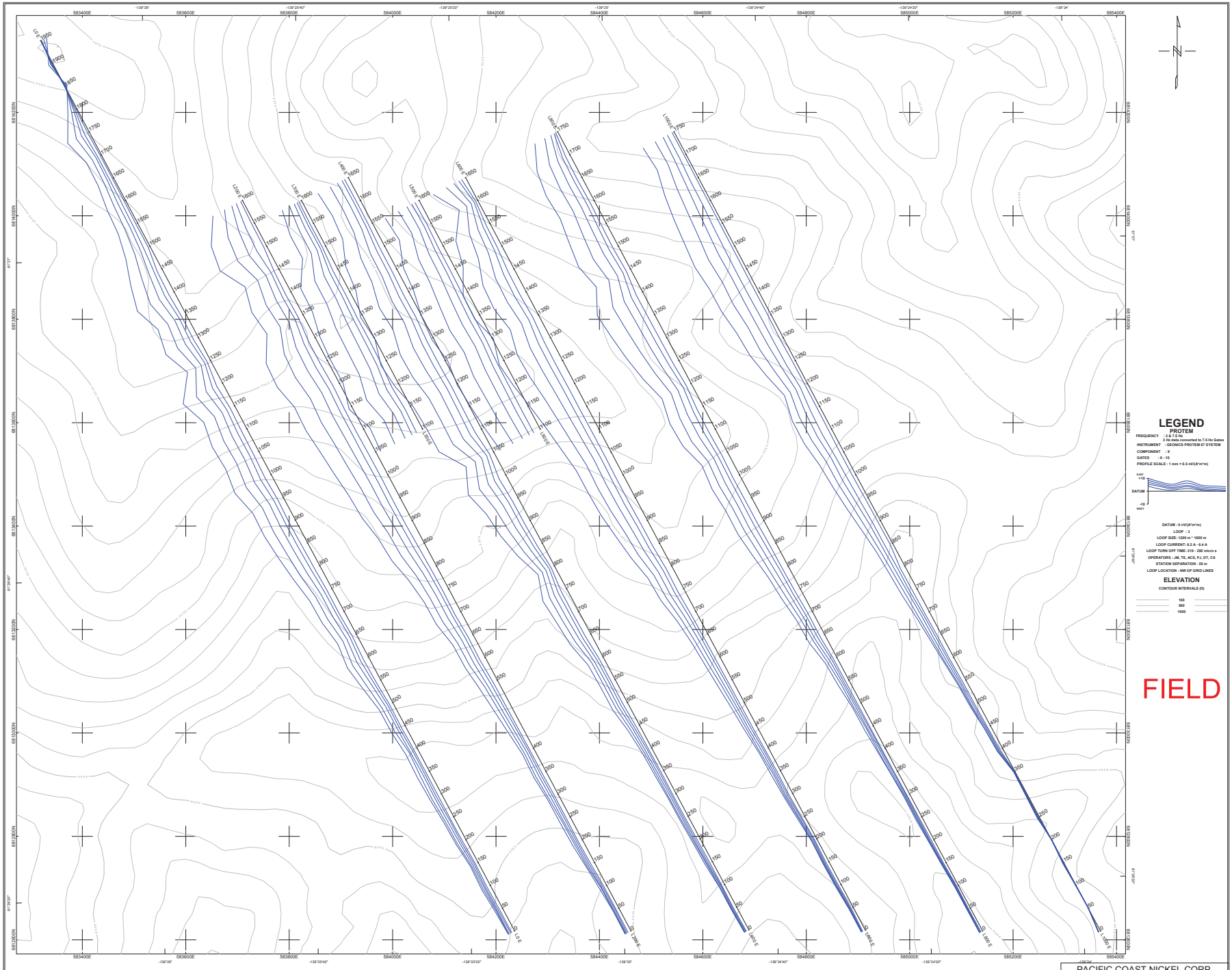
Scale 1:2500
50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 7.5 Hz, X PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 67 S/YSTEM
COMPONENT : X
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.5 nV/(A*m^m)

EAST +10
DATUM
-10 WEST

DATUM : 0 nV/(A*m^m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 290 micro s
OPERATORS : JW, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

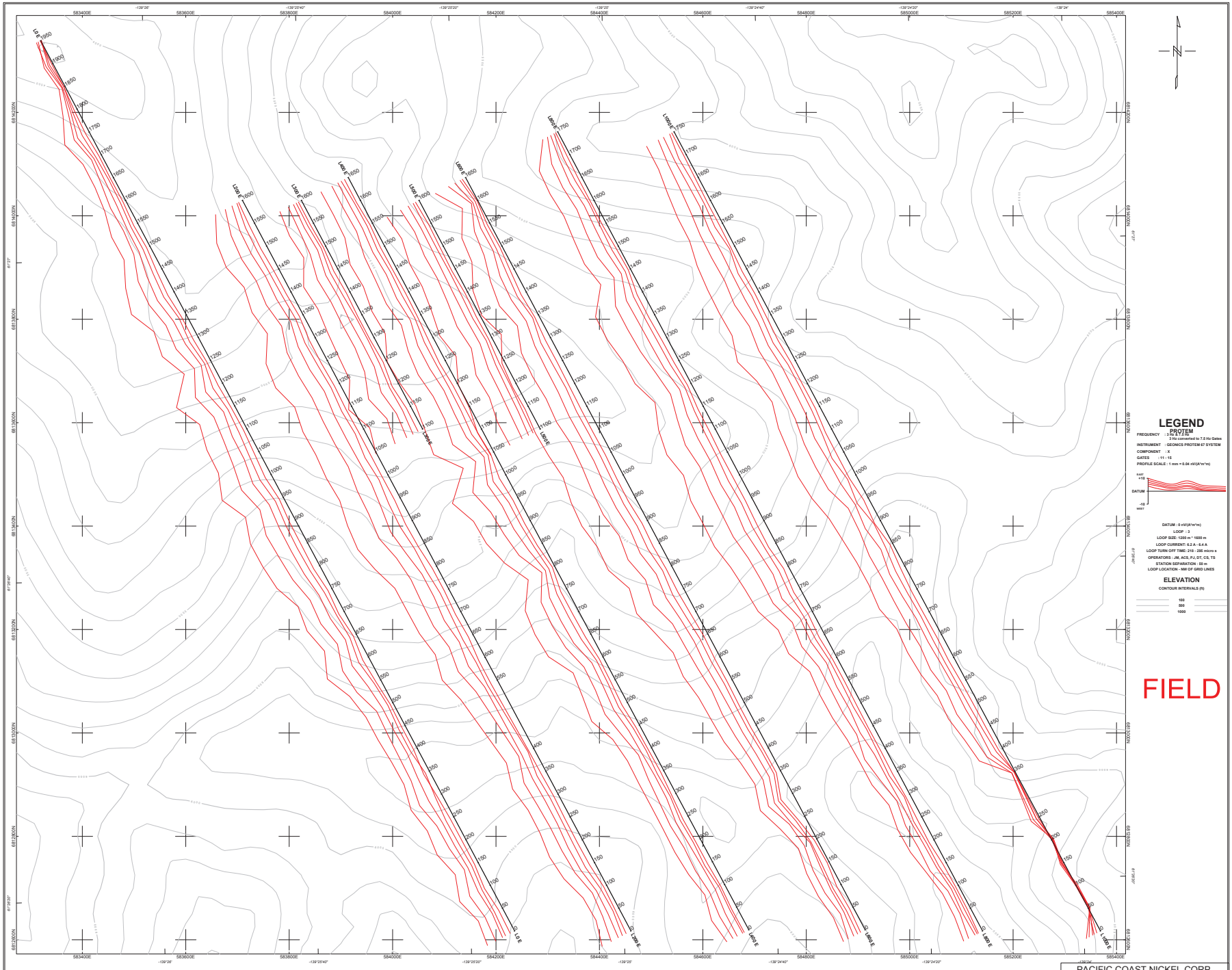
CONTOUR INTERVALS (ft)

100
500
1000

FIELD

Scale 1:2500

PACIFIC COAST NICKEL CORP.	
BURWASH PROTEM **LOOP 3** **PROTEM, 3 & 7.5 Hz, X PROFILES, GATES 6 - 10**	
Job: NKL-10534-YT Dates Surveyed: July 30 - Aug 17, 2010 Datum: NAD83	Minning District: Whitehorse Map Created: October, 2010 Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.	



LEGEND

PROTEM

FREQUENCY : 7.5 & 3 Hz
3 Hz converted to 7.5 Hz Gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM

COMPONENT : X

GATES : 11 - 15

PROFILE SCALE : 1 mm = 0.04 nV/(A*m^m)

EAST +10 DATUM -10 WEST

DATUM : 0 nV/(A*m^m)

LOOP : 3

LOOP SIZE: 1200 m * 1600 m

LOOP CURRENT: 6.2 A - 6.4 A

LOOP TURN OFF TIME: 210 - 290 micro s

OPERATORS : JW, ACS, PJ, DT, CS, TS

STATION SEPARATION : 50 m

LOOP LOCATION : NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

Scale 1:2500

50 0 50 100 150
(Meters)
NAD83 / UTM zone 7N

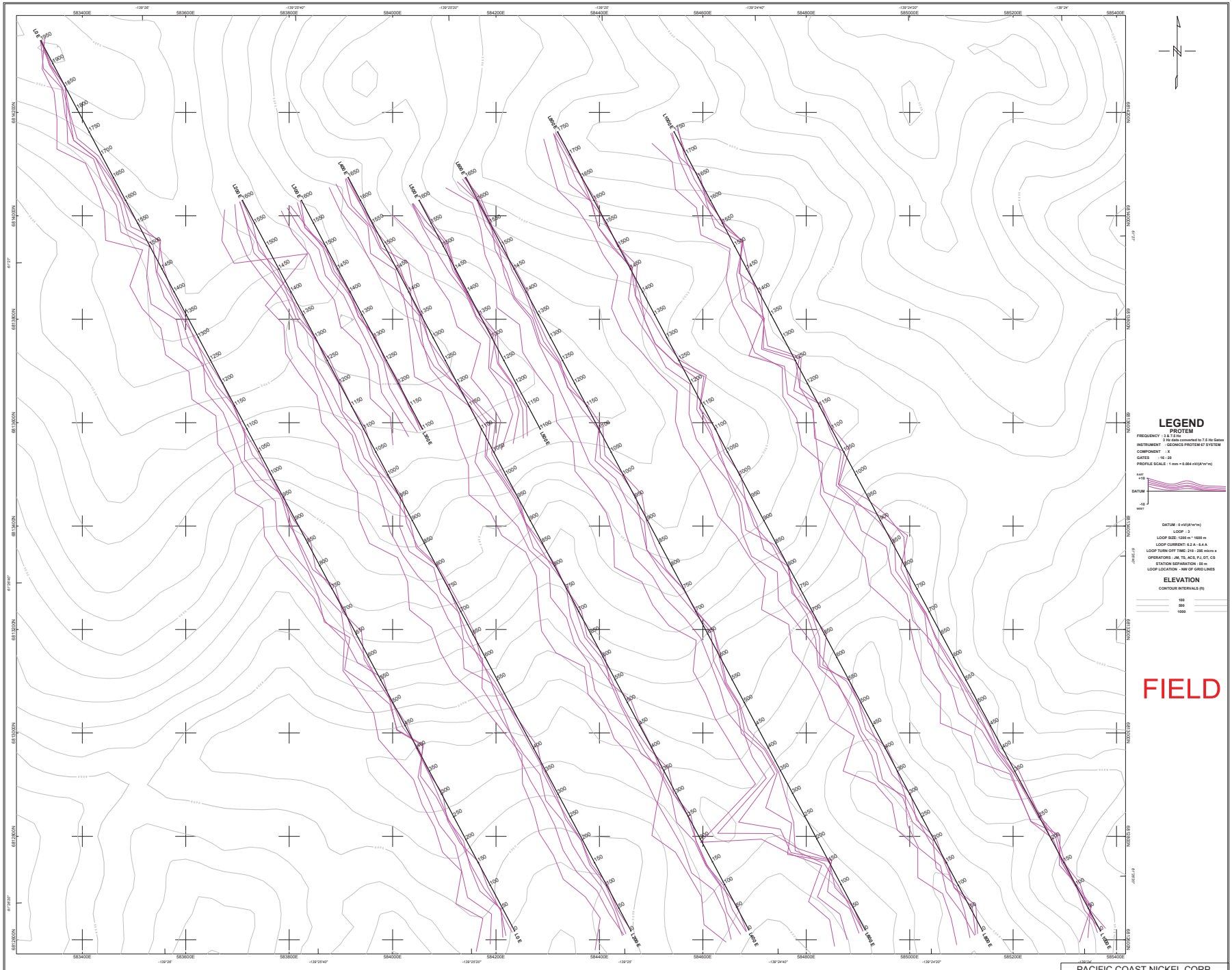
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 7.5 & 3 Hz, X PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: July 30 - August 17, 2010
Datum: NAD83

Minning District: Whitehorse
Map created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



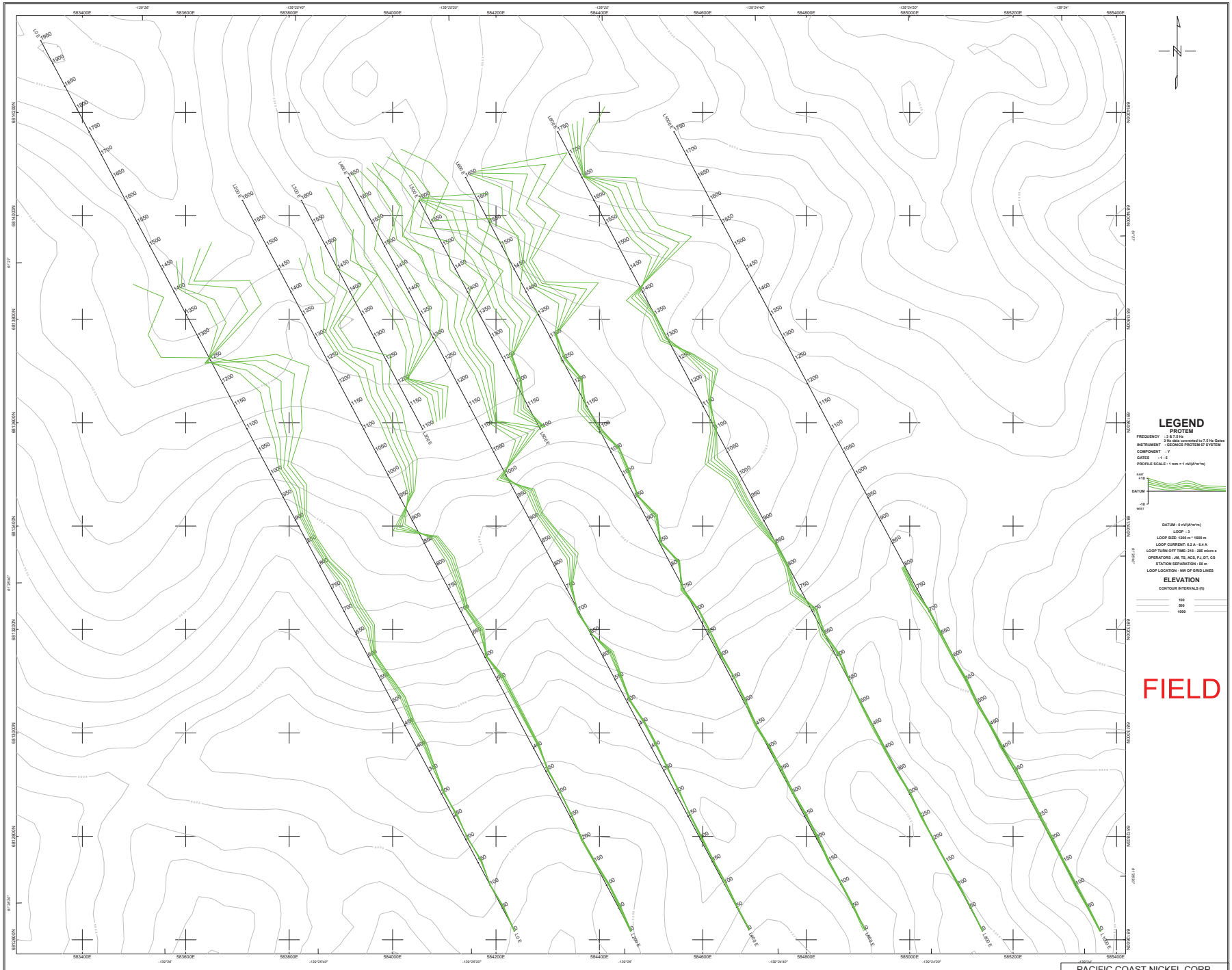
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 7.5 - 3 Hz, X PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 1 - 5
PROFILE SCALE : 1 mm = 1 nV/(A*m*m)

EAST
+10
DATUM
-10
WEST

DATUM : 0 nV/(A*m*m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 290 micro s
OPERATORS : JW, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

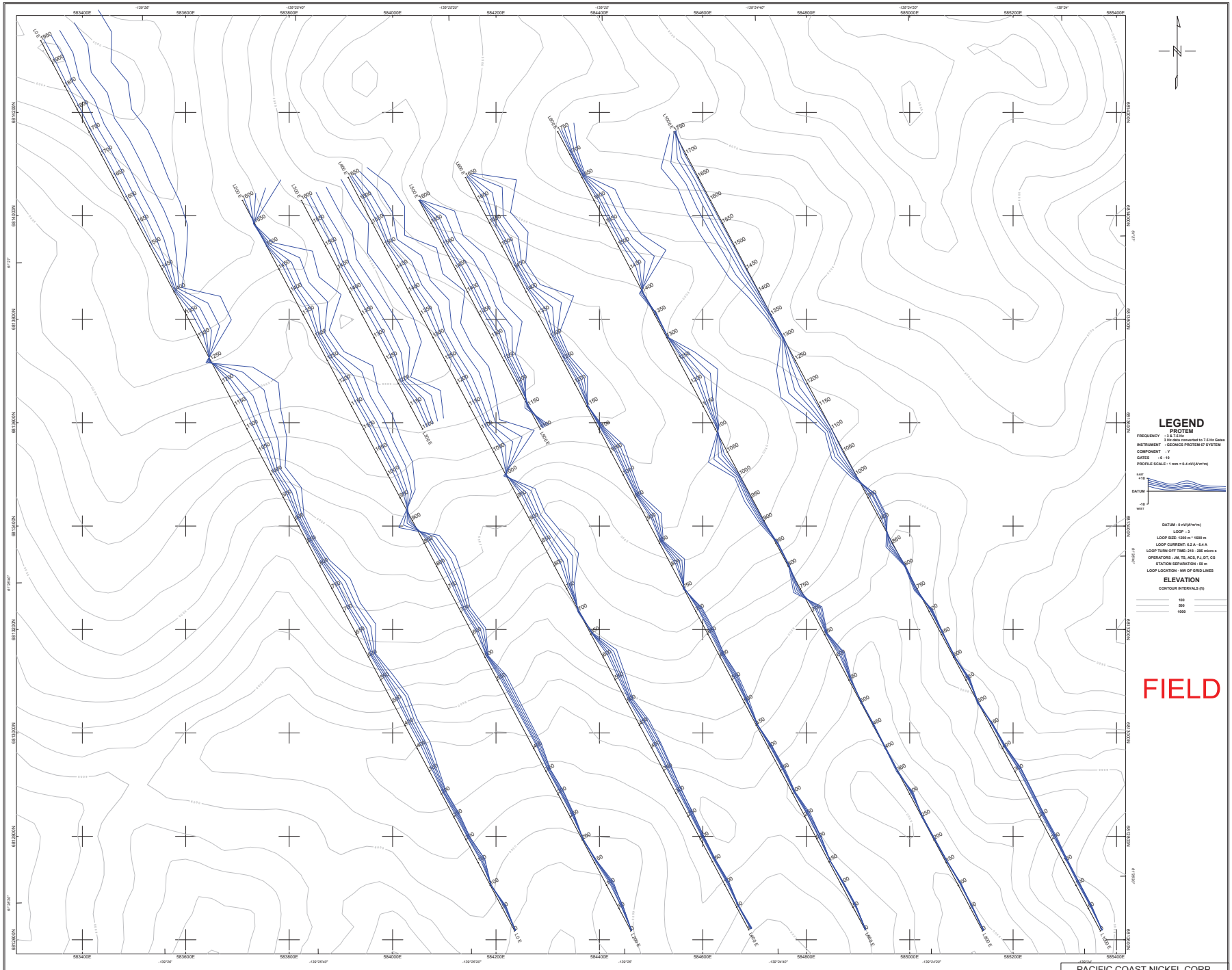
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, Y PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



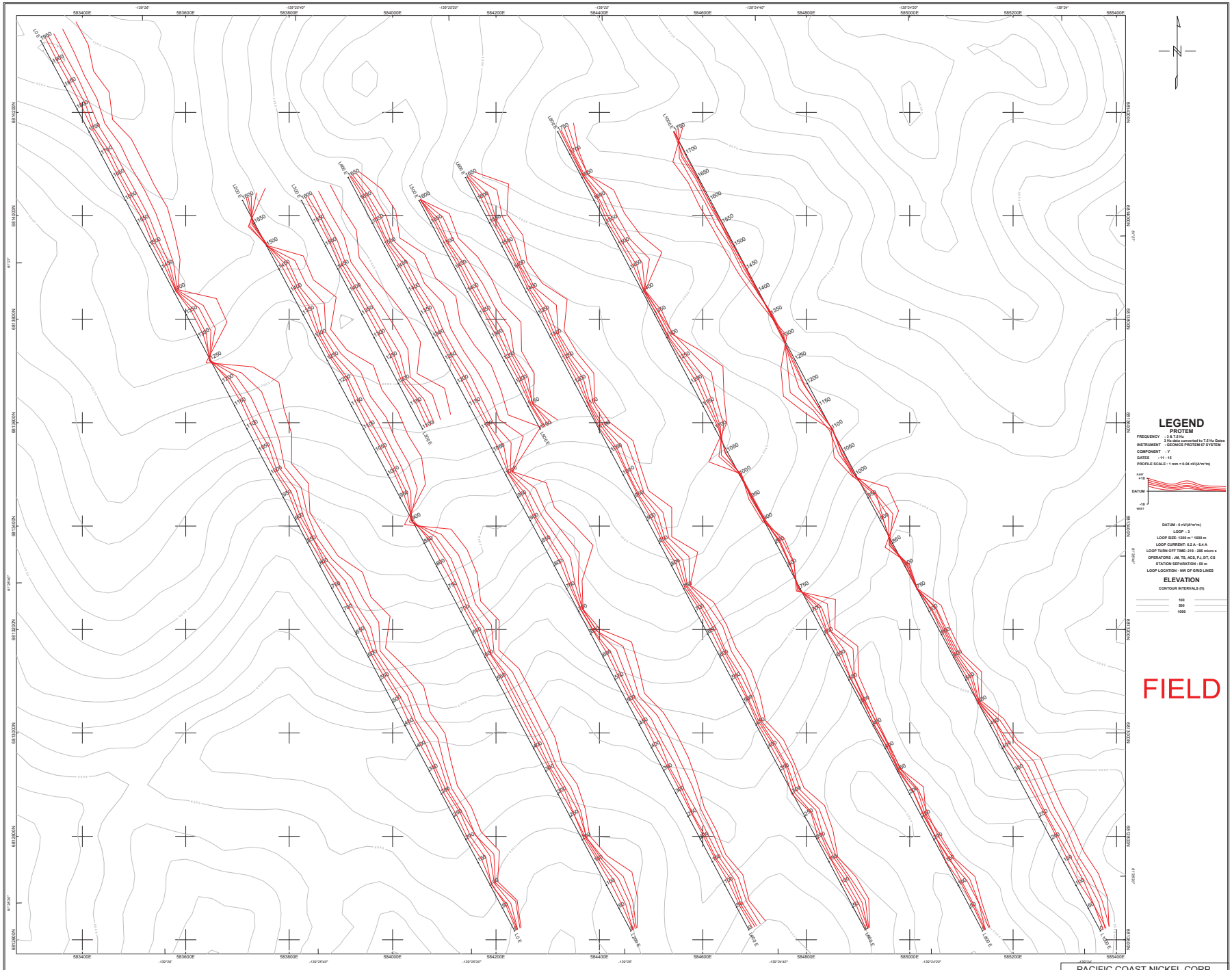
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, Y PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.04 nV/(A*m^m)

EAST
+10
DATUM
-10
WEST

DATUM : 0 nV/(A*m^m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 290 micro s
OPERATORS : JW, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

Scale 1:2500

50 0 50 100 150
(Meters)
NAD83 / UTM zone 7N

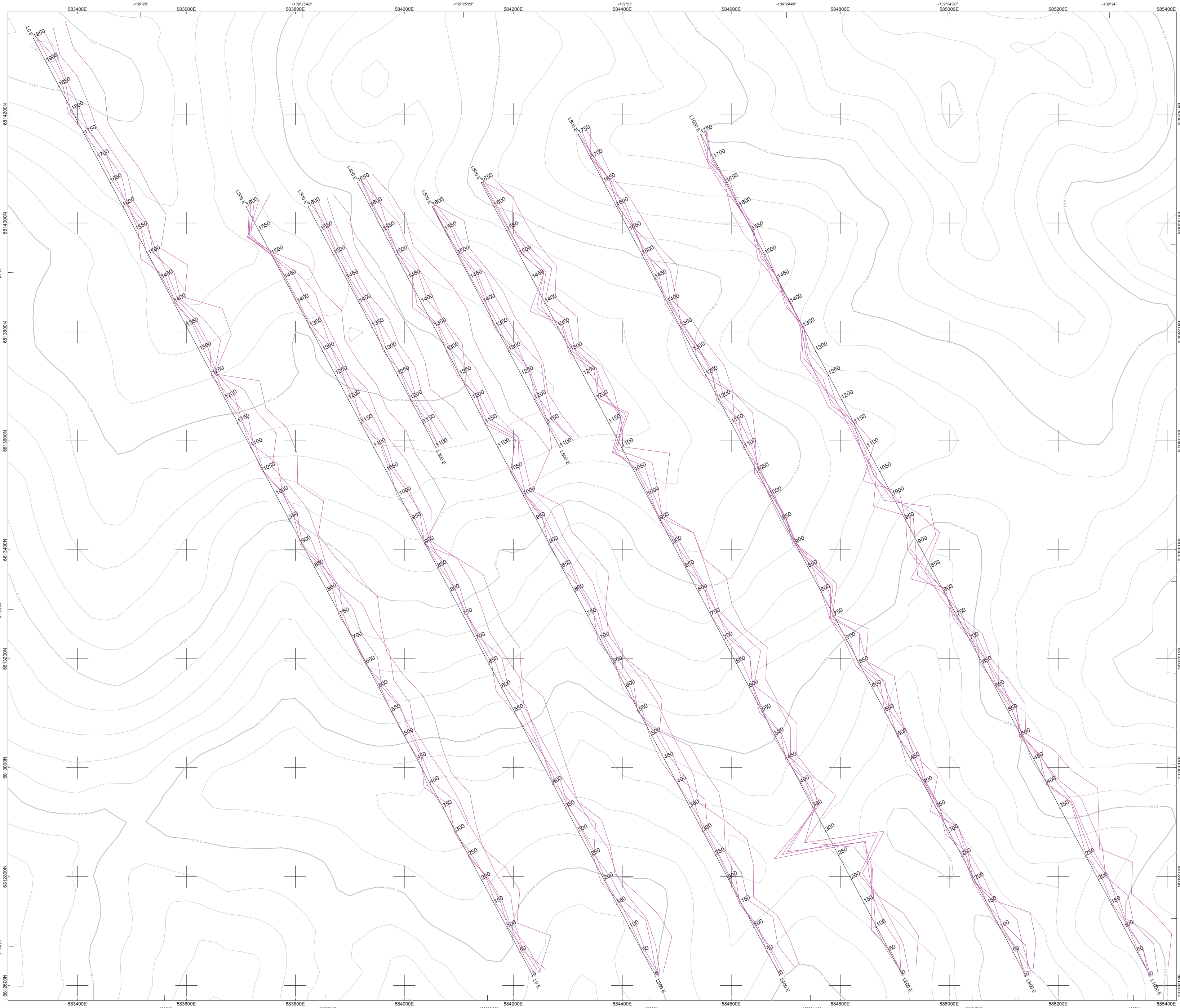
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, Y PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.004 nV/(A*m*m)

EAST
+10
DATUM
-10
WEST

DATUM : 0 nV/(A*m*m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 218 - 295 micro s
OPERATORS : JM, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

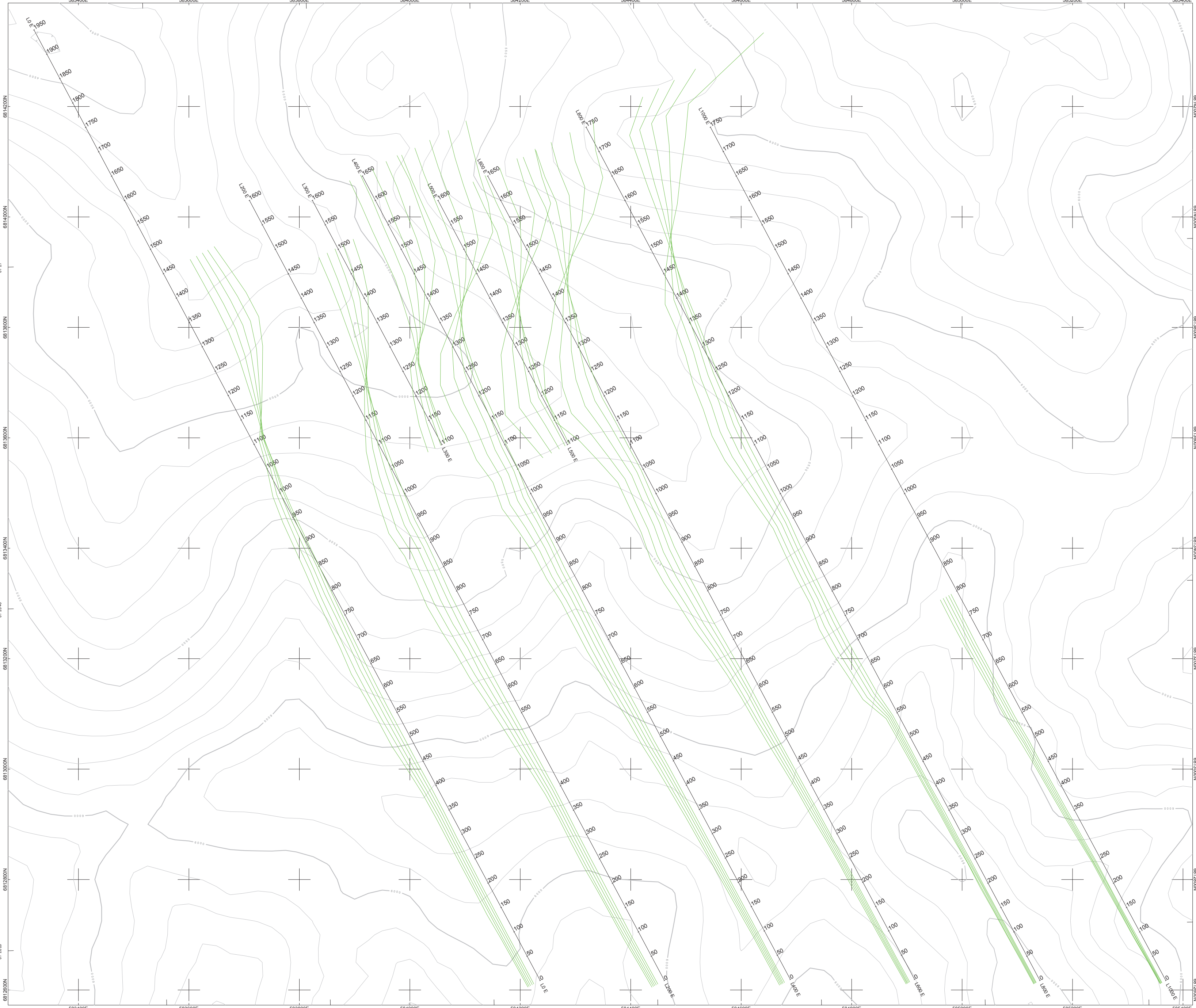
Scale 1:2500
50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, Y PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 1 - 5
PROFILE SCALE : 1 mm = 1 nV/(A*m*m)

EAST +10
DATUM
-10 WEST

DATUM : 0 nV/(A*m*m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 218 - 295 micro s
OPERATORS : JM, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

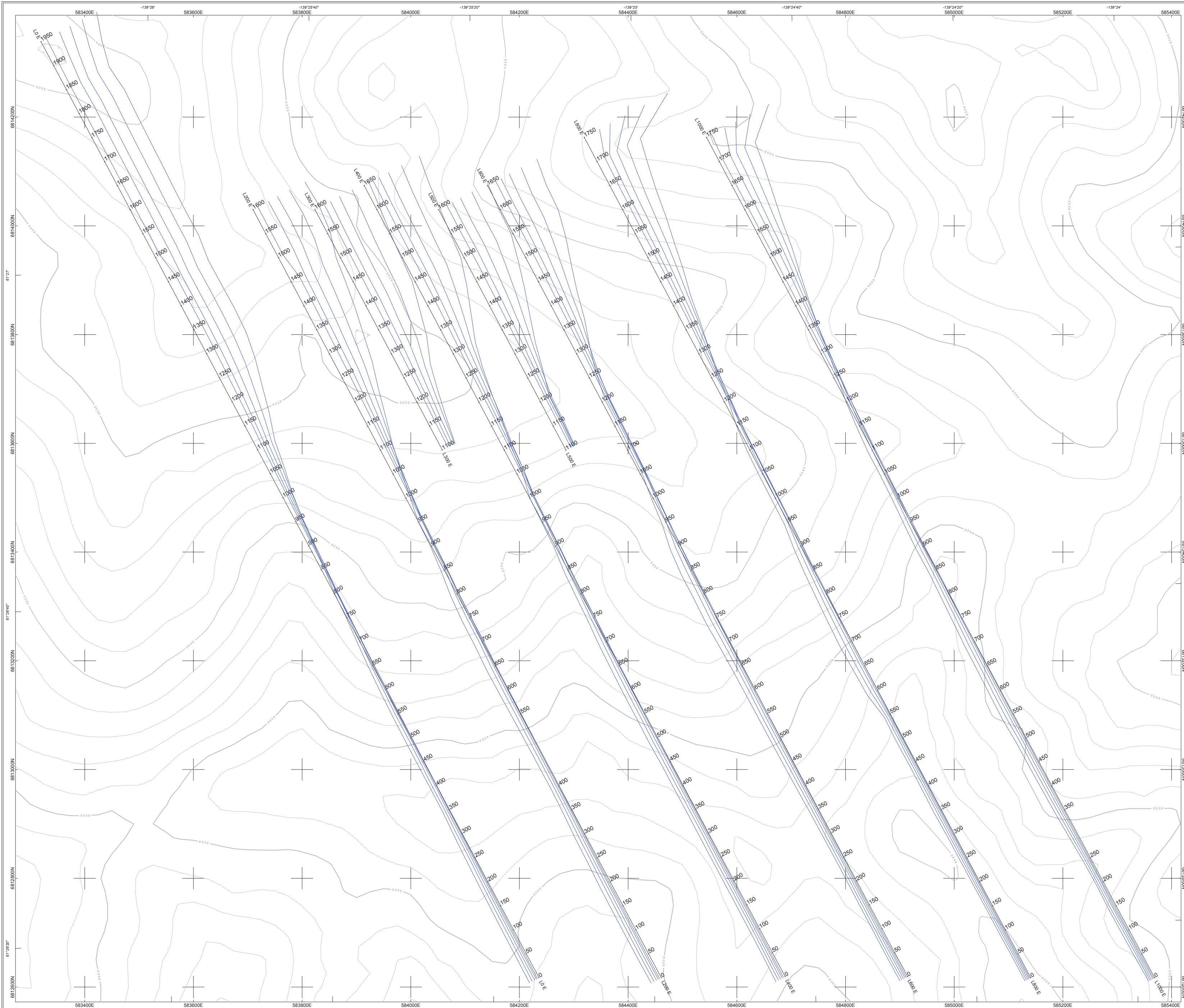
Scale 1:2500
50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, Z PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.5 nV/(A*m*m)

EAST +10
DATUM
-10 WEST

DATUM : 0 nV/(A*m*m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 218 - 295 micro s
OPERATORS : JM, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

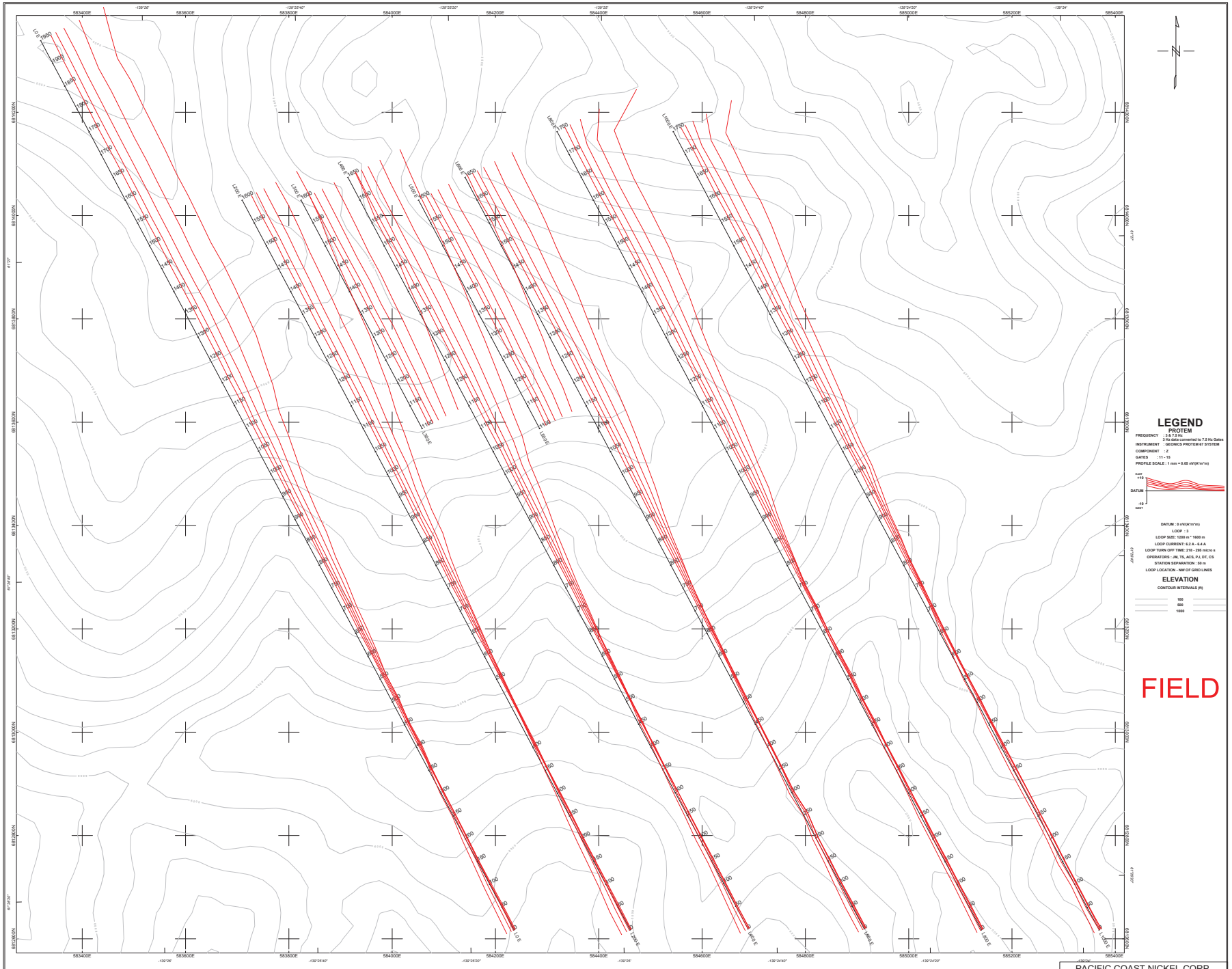
FIELD

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, Z PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.05 nV/(A*m^m)

EAST +10 | DATUM | -10 WEST

DATUM : 0 nV/(A*m^m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 290 micro s
OPERATORS : JW, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

Scale 1:2500

50 0 50 100 150
(Meters)
NAD83 / UTM zone 7N

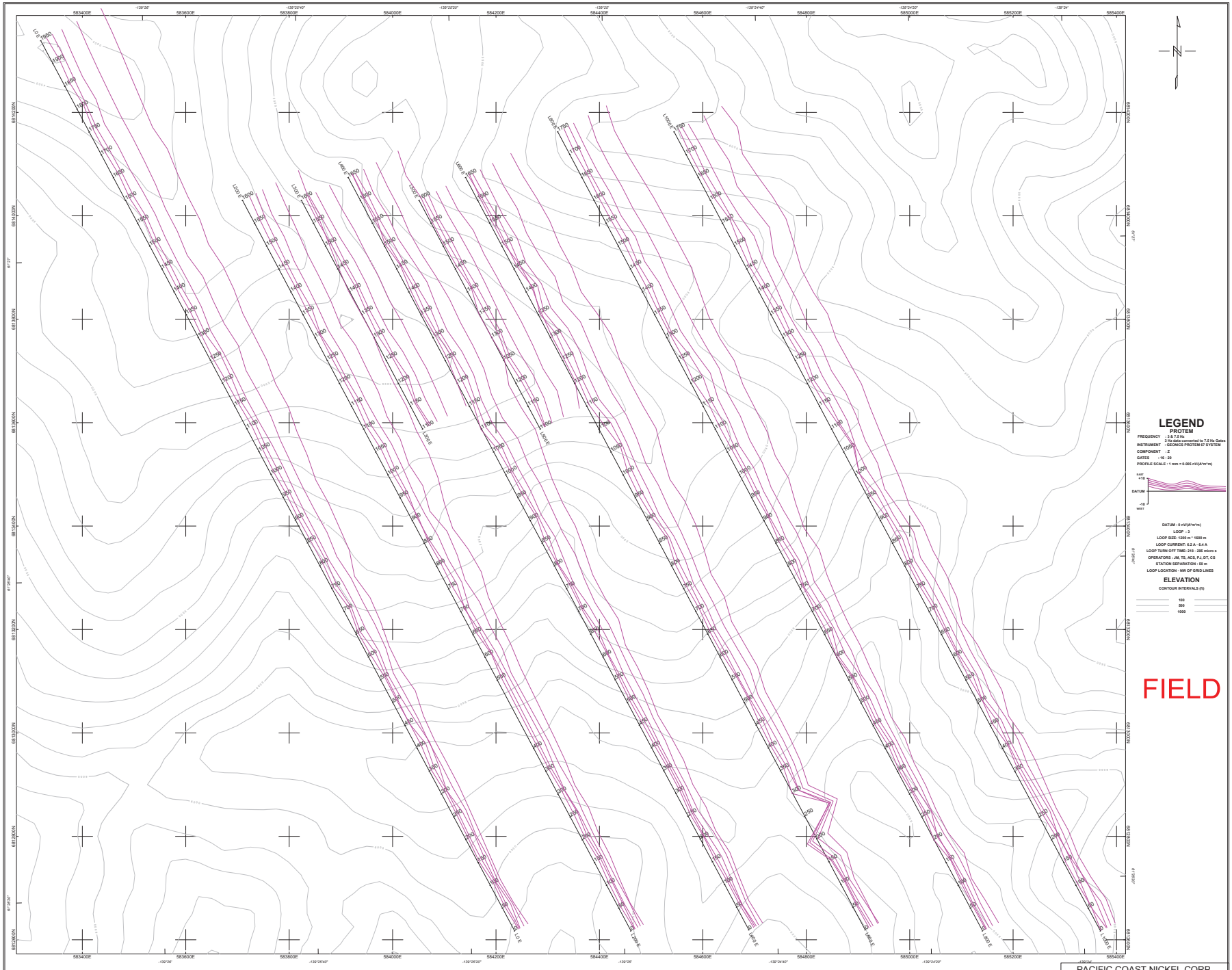
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, Z PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 & 7.5 Hz
3 Hz data converted to 7.5 Hz Gates
INSTRUMENT : GEONICS PROTEM 57 SYSTEM
COMPONENT : Z
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.005 nV/(A*m^4)

DATUM : 0 nV/(A*m^4)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 290 micro s
OPERATORS : JW, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

Scale 1:2500

50 0 50 100 150
(Metres)
NAD83 / UTM zone 7N

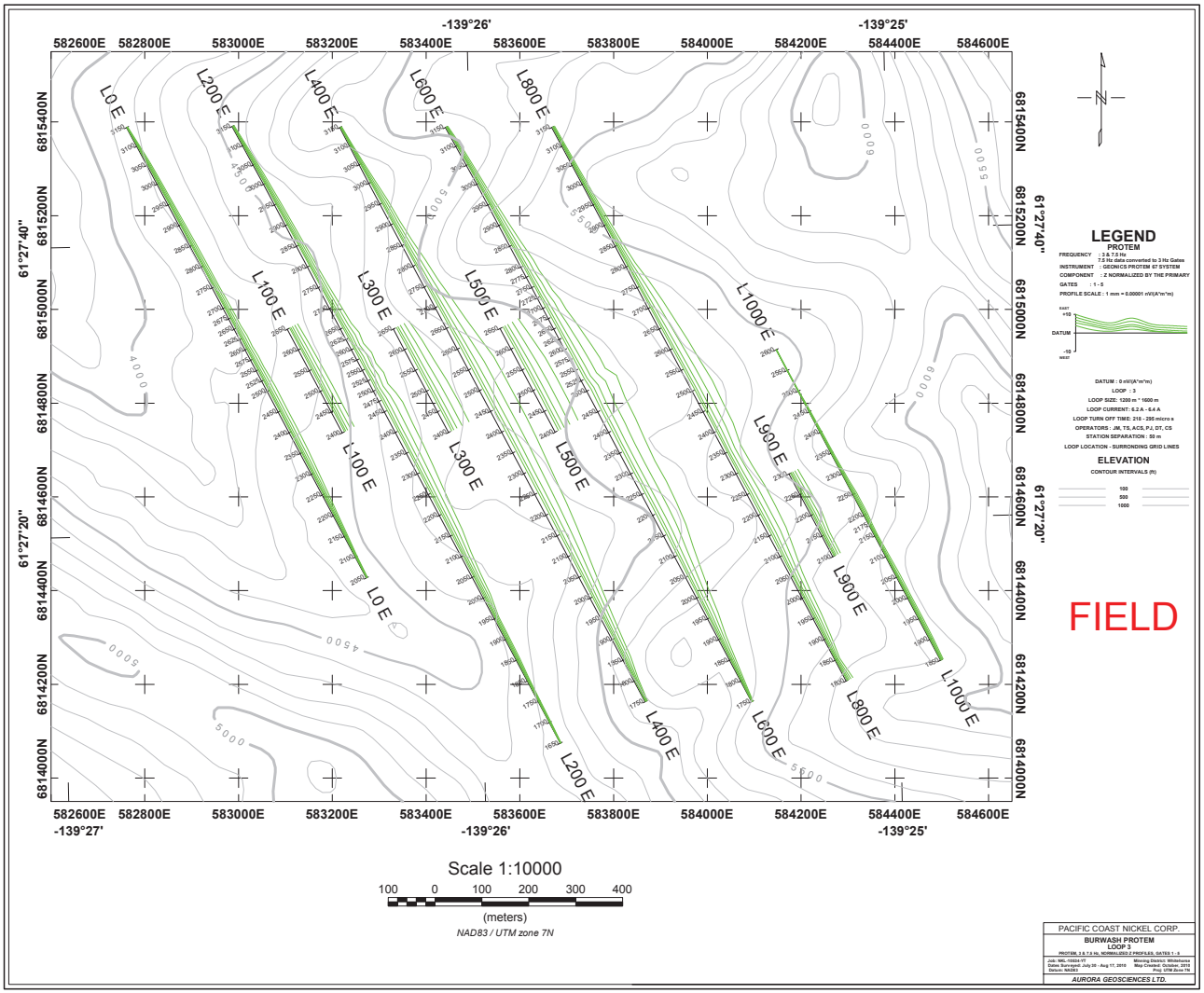
PACIFIC COAST NICKEL CORP.

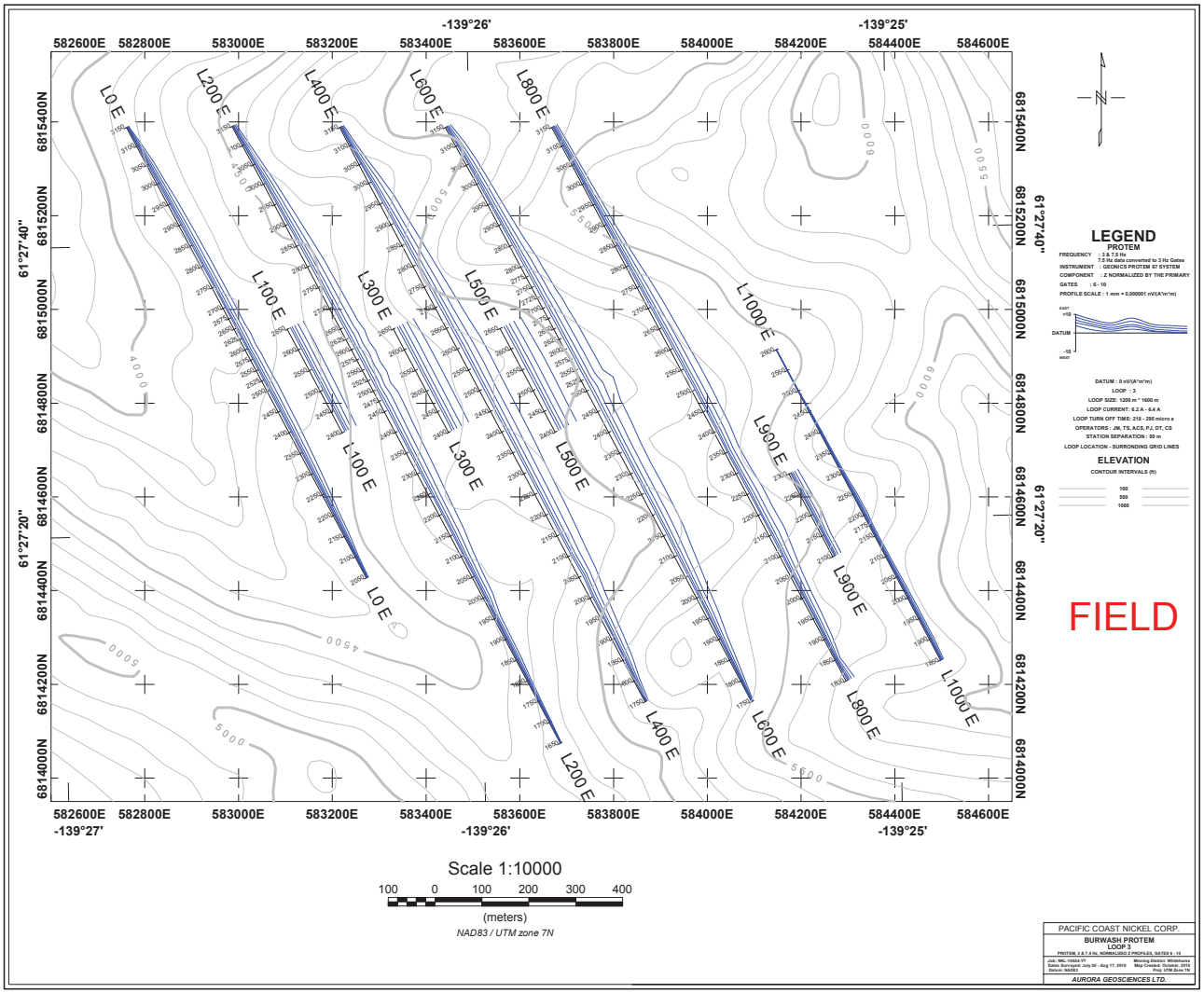
BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, Z PROFILES, GATES 16 - 20

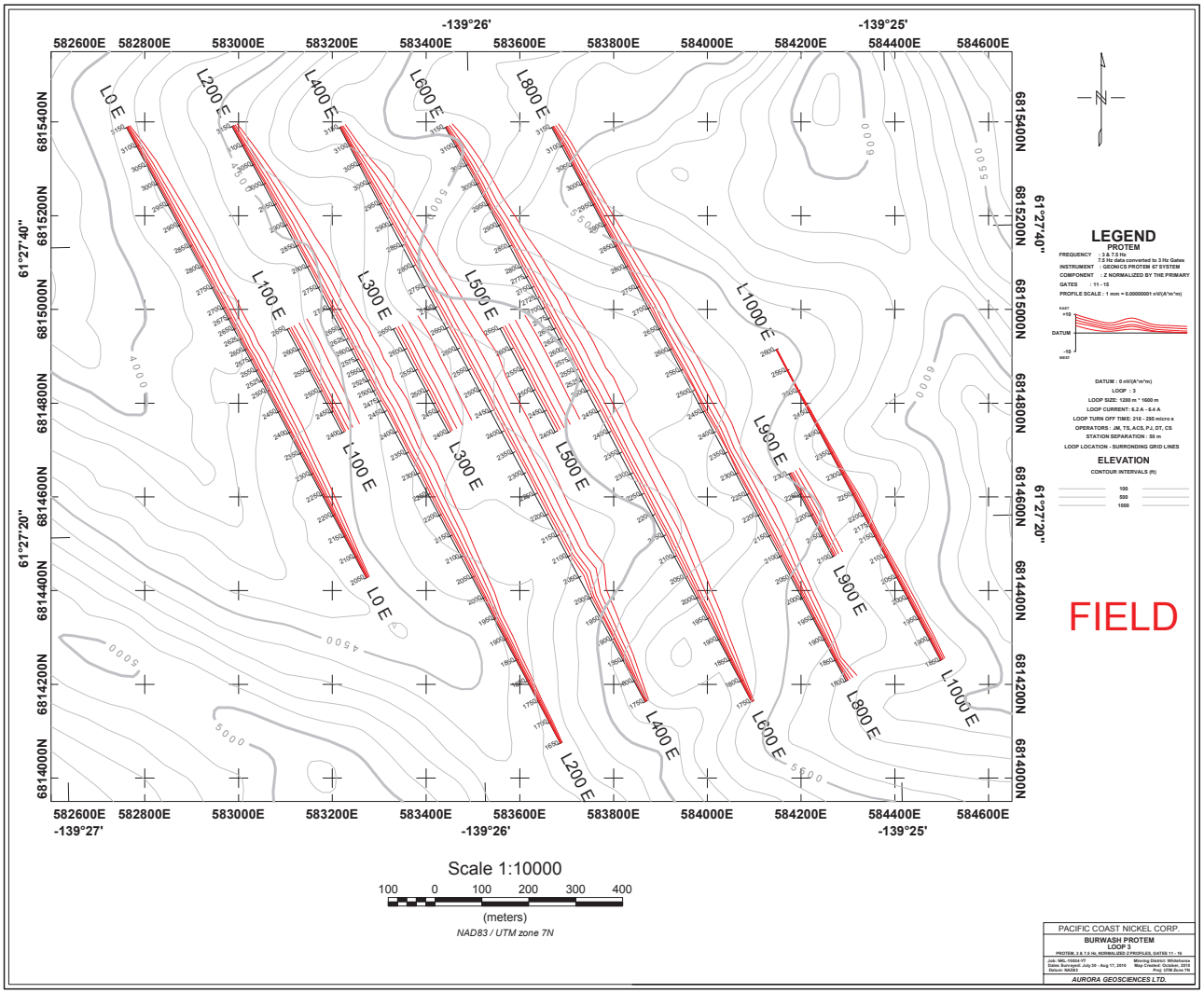
Job: NKL-10534-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.


-139°26'
-139°25'
582600E
582800E
583000E
583200E
583400E
583600E
583800E
584000E
584200E
584400E
584600E
6815400N
6815200N
6815000N
6814800N
6814600N
6814400N
6814200N
6814000N
61°27'40"
61°27'20"
-139°27'
L0 E
L200 E
L400 E
L600 E
L800 E
L-100 E
L300 E
L500 E
L-1000 E
L900 E
4000
4500
5000
5500
6000
LEGEND
PROTEM
FREQUENCY : 3 & 7.5 Hz
7.5 Hz data converted to 3 Hz Gates
INSTRUMENT : GEONICS PROTEM 47 SYSTEM
COMPONENT : Z NORMALIZED BY THE PRIMARY
GATES : 1 - 5
PROFILE SCALE : 1 mm = 0.00001 mV/(A*m^m)
EAST
+10
DATUM
-10
WEST
DATUM : 0 mV/(A*m^m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 295 micro s
OPERATORS : JM, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - SURRONDING GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
Scale 1:10000
100 0 100 200 300 400
(meters)
NAD83 / UTM zone 7N
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, NORMALIZED Z PROFILES, GATES 1 - 3
Job: NIC_10024-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83
Mining District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.


-139°26'
-139°25'
582600E
582800E
583000E
583200E
583400E
583600E
583800E
584000E
584200E
584400E
584600E
6815400N
6815200N
6815000N
6814800N
6814600N
6814400N
6814200N
6814000N
61°27'40"
61°27'20"
L0 E
L200 E
L400 E
L600 E
L800 E
L-100 E
L300 E
L500 E
L-1000 E
L900 E
L-100 E
L300 E
L500 E
L900 E
L0 E
L400 E
L600 E
L800 E
L-1000 E
L200 E
4000
4500
5000
5500
6000
-139°27'
Scale 1:10000
100 0 100 200 300 400
(meters)
NAD83 / UTM zone 7N
LEGEND
PROTEM
FREQUENCY : 3 & 7.5 Hz
7.5 Hz data converted to 3 Hz Gates
INSTRUMENT : GEONICS PROTEM 47 SYSTEM
COMPONENT : Z NORMALIZED BY THE PRIMARY
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.000001 nV/(A*m^m)
EAST
+10
DATUM
-10
WEST
DATUM : 0 nV/(A*m^m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 295 micro s
OPERATORS : JM, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - SURRONDING GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, NORMALIZED Z PROFILES, GATES 6 - 10
Job: MG_10024-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83
Mining District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.


-139°26'
-139°25'
582600E
582800E
583000E
583200E
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583600E
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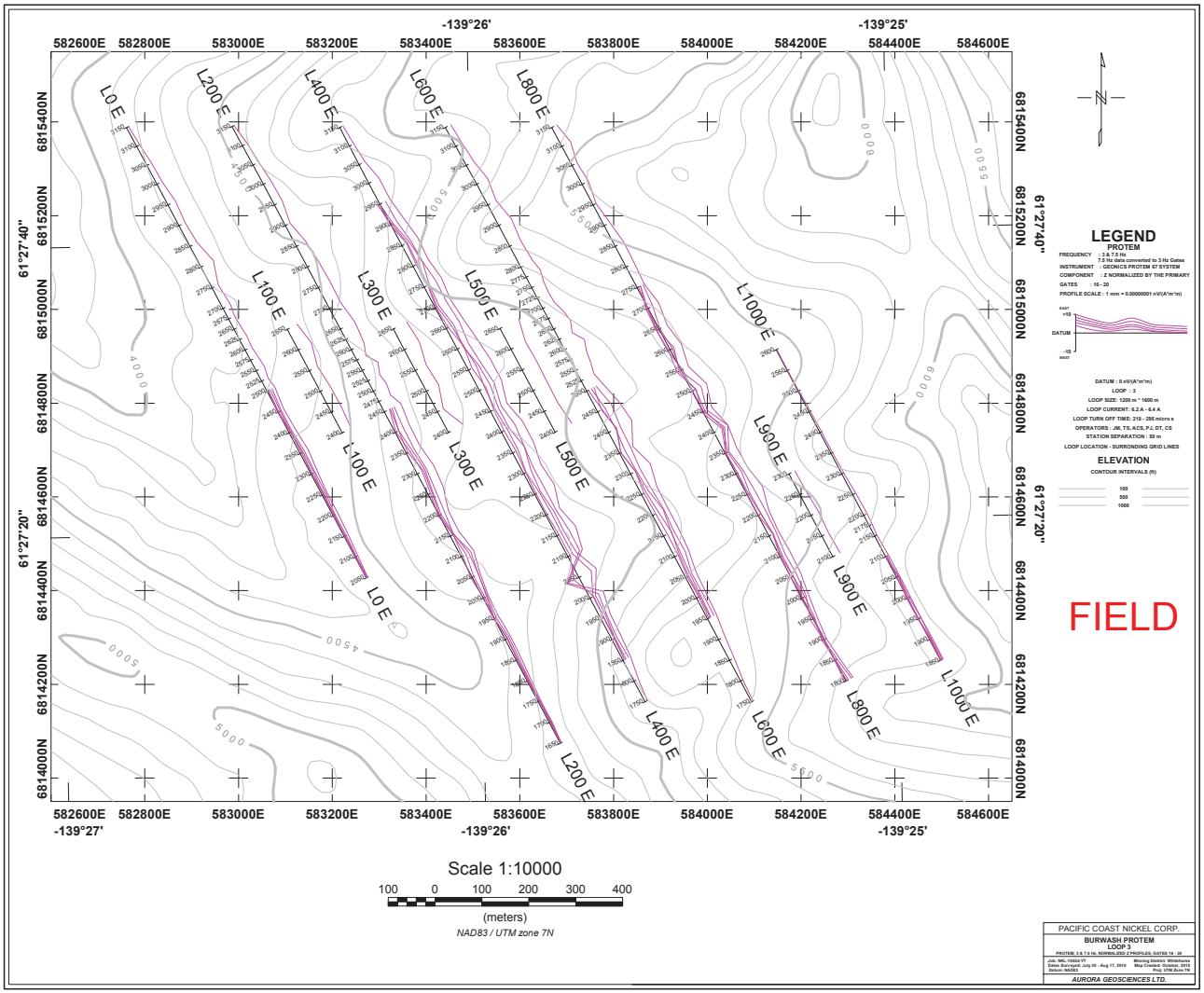
584400E
584600E
6815400N
6815200N
6815000N
6814800N
6814600N
6814400N
6814200N
6814000N
61°27'40"
61°27'20"
L0 E
L200 E
L400 E
L600 E
L800 E
L-100 E
L300 E
L500 E
L-1000 E
L900 E
4000
4500
5000
5500
6000
-139°27'
Scale 1:10000
100 0 100 200 300 400
(meters)
NAD83 / UTM zone 7N
LEGEND
PROTEM
FREQUENCY : 3 & 7.5 Hz
7.5 Hz data converted to 3 Hz Gates
INSTRUMENT : GEONICS PROTEM 47 SYSTEM
COMPONENT : Z NORMALIZED BY THE PRIMARY
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.00000001 nV/(A*m^m)
EAST
+10
DATUM
-10
WEST
DATUM : 0 nV/(A*m^m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 295 micro s
OPERATORS : JM, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - SURRONDING GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, NORMALIZED Z PROFILES, GATES 11 - 15
Job: NKL-10024-YT
Dates Surveyed: July 30 - Aug 17, 2010
Datum: NAD83
Mining District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.


-139°26'
-139°25'
582600E
582800E
583000E
583200E
583400E
583600E
583800E
584000E
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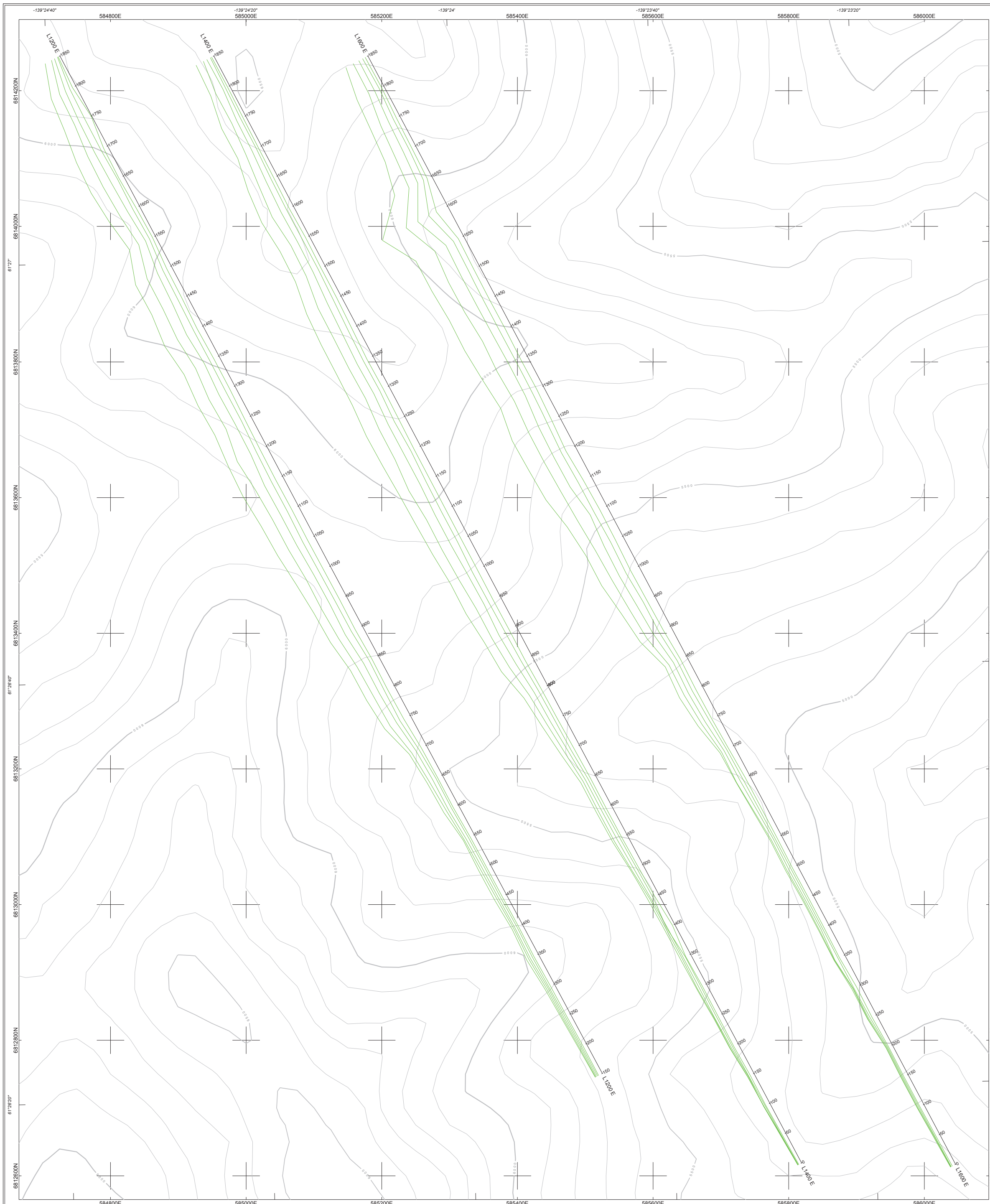
584400E
584600E
6815400N
6815200N
6815000N
6814800N
6814600N
6814400N
6814200N
6814000N
61°27'40"
61°27'20"
-139°27'
L0 E
L200 E
L400 E
L600 E
L800 E
L-100 E
L300 E
L500 E
L-1000 E
L900 E
4000
4500
5000
5500
6000
LEGEND
PROTEM
FREQUENCY : 3 & 7.5 Hz
7.5 Hz data converted to 3 Hz Gates
INSTRUMENT : GEONICS PROTEM 47 SYSTEM
COMPONENT : Z NORMALIZED BY THE PRIMARY
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.00000001 nV/(A*m^m)
EAST
+10
DATUM
-10
WEST
DATUM : 0 nV/(A*m^m)
LOOP : 3
LOOP SIZE: 1200 m * 1600 m
LOOP CURRENT: 6.2 A - 6.4 A
LOOP TURN OFF TIME: 210 - 295 micro s
OPERATORS : JM, TS, ACS, PJ, DT, CS
STATION SEPARATION : 50 m
LOOP LOCATION - SURRONDING GRID LINES
ELEVATION
CONTOUR INTERVALS (ft)
100
500
1000
FIELD
Scale 1:10000
100 0 100 200 300 400
(meters)
NAD83 / UTM zone 7N
PACIFIC COAST NICKEL CORP.
BURWASH PROTEM
LOOP 3
PROTEM, 3 & 7.5 Hz, NORMALIZED Z PROFILES, GATES 16 - 20
Job: NKL-10024-YT
Mining District: Whitehorse
Dates Surveyed: July 30 - Aug 17, 2010
Map Created: October, 2010
Datum: NAD83
Proj: UTM Zone 7N
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

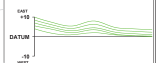
FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM

COMPONENT : X

GATES : 1 - 5

PROFILE SCALE : 1 mm = 0.5 nV/(A*m*m)



DATUM : 0 nV/(A*m*m)

LOOP : 4

LOOP SIZE: 1200 m * 1200 m

LOOP CURRENT: 6.2 A - 6.5 A

LOOP TURN OFF TIME: 222 - 260 micro s

OPERATORS : AL, CS, SS

STATION SEPARATION : 50 m

LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100

500

1000

FIELD

Scale 1:2328.824

50 0 50 100 150

(meters)

NAD83 / UTM zone 7N

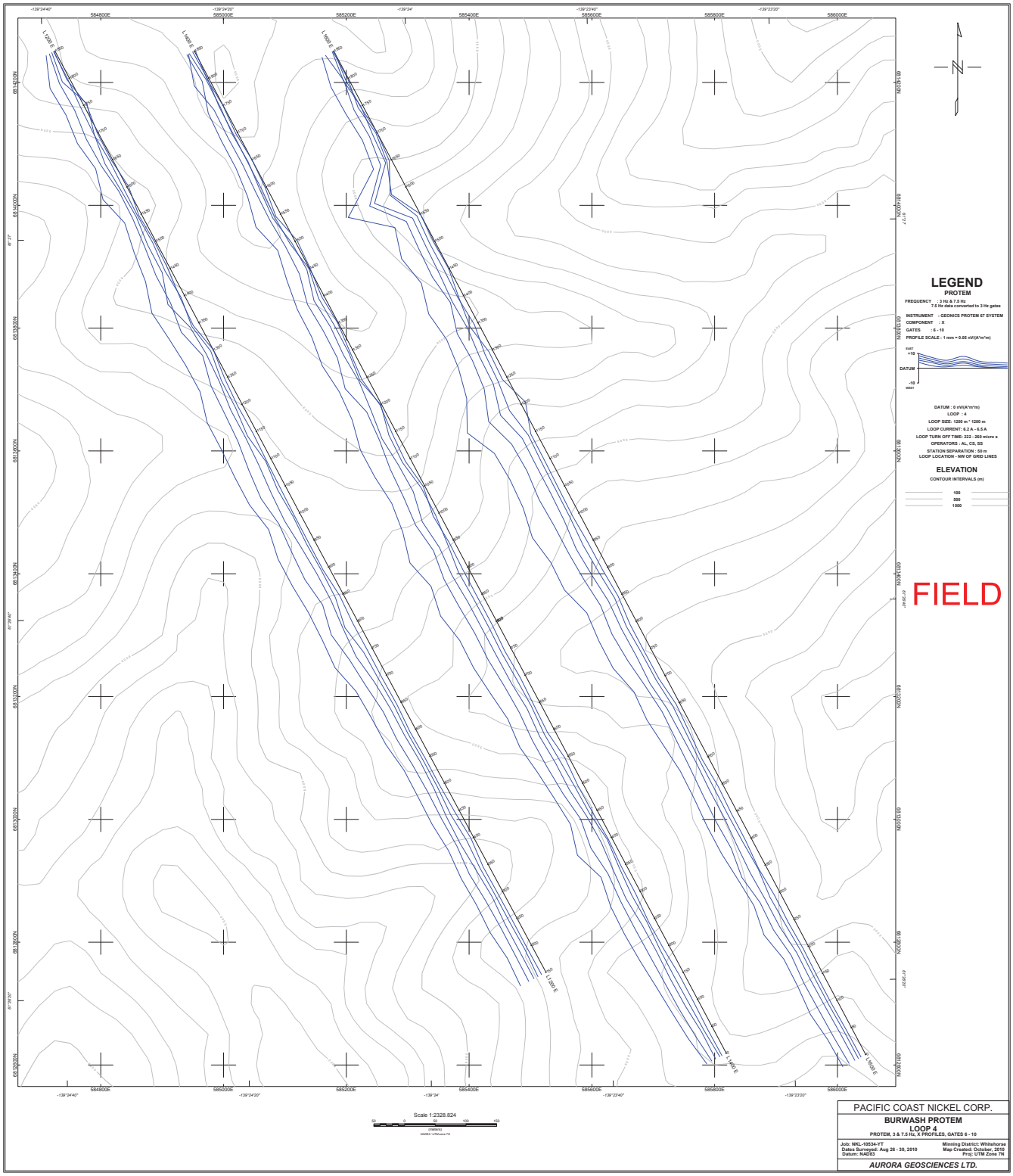
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, X PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.05 nV/(A*m*m)

EAST +10
DATUM
-10 WEST

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

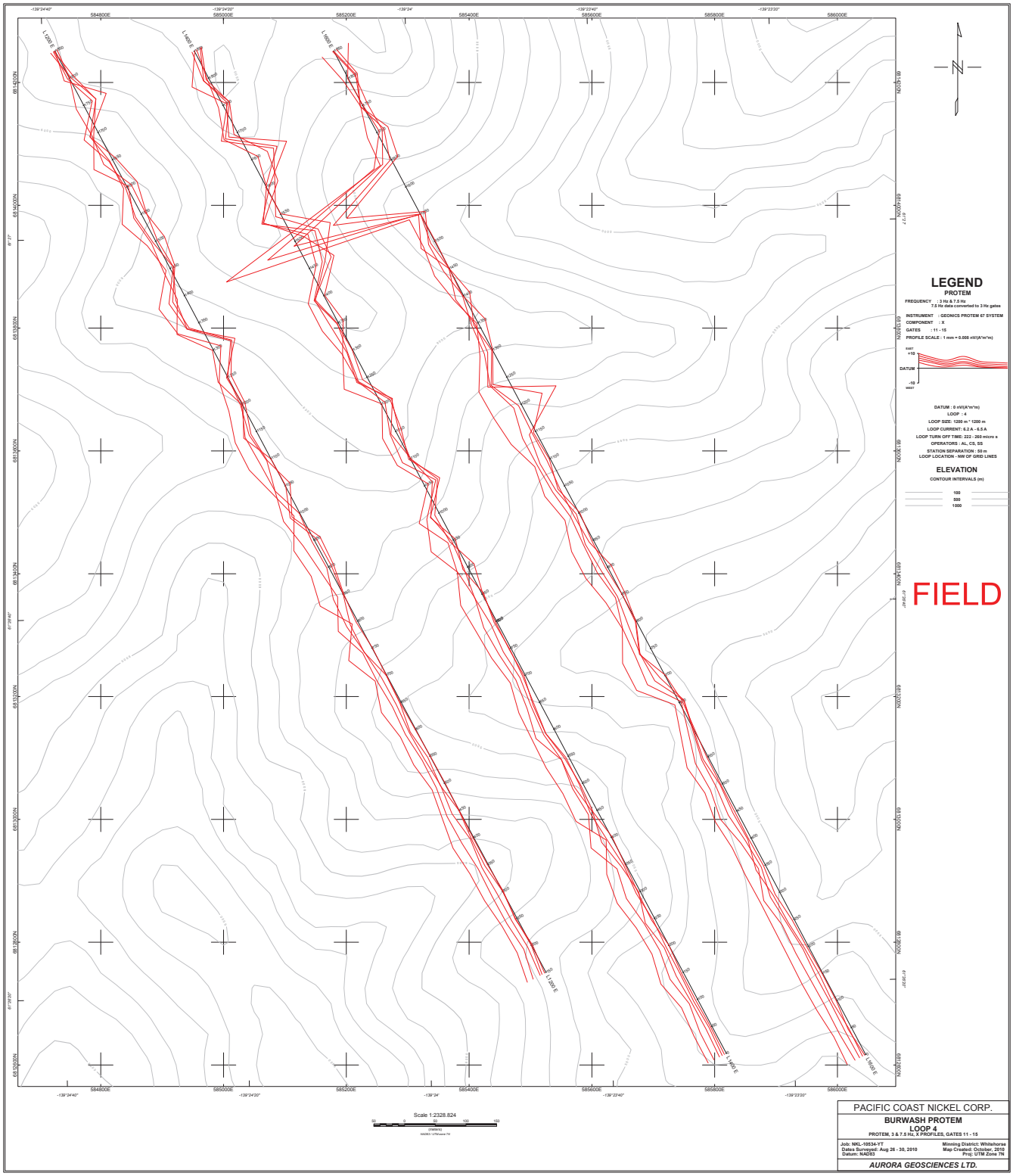
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, X PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Mineng District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.008 nV/(A*m*m)

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

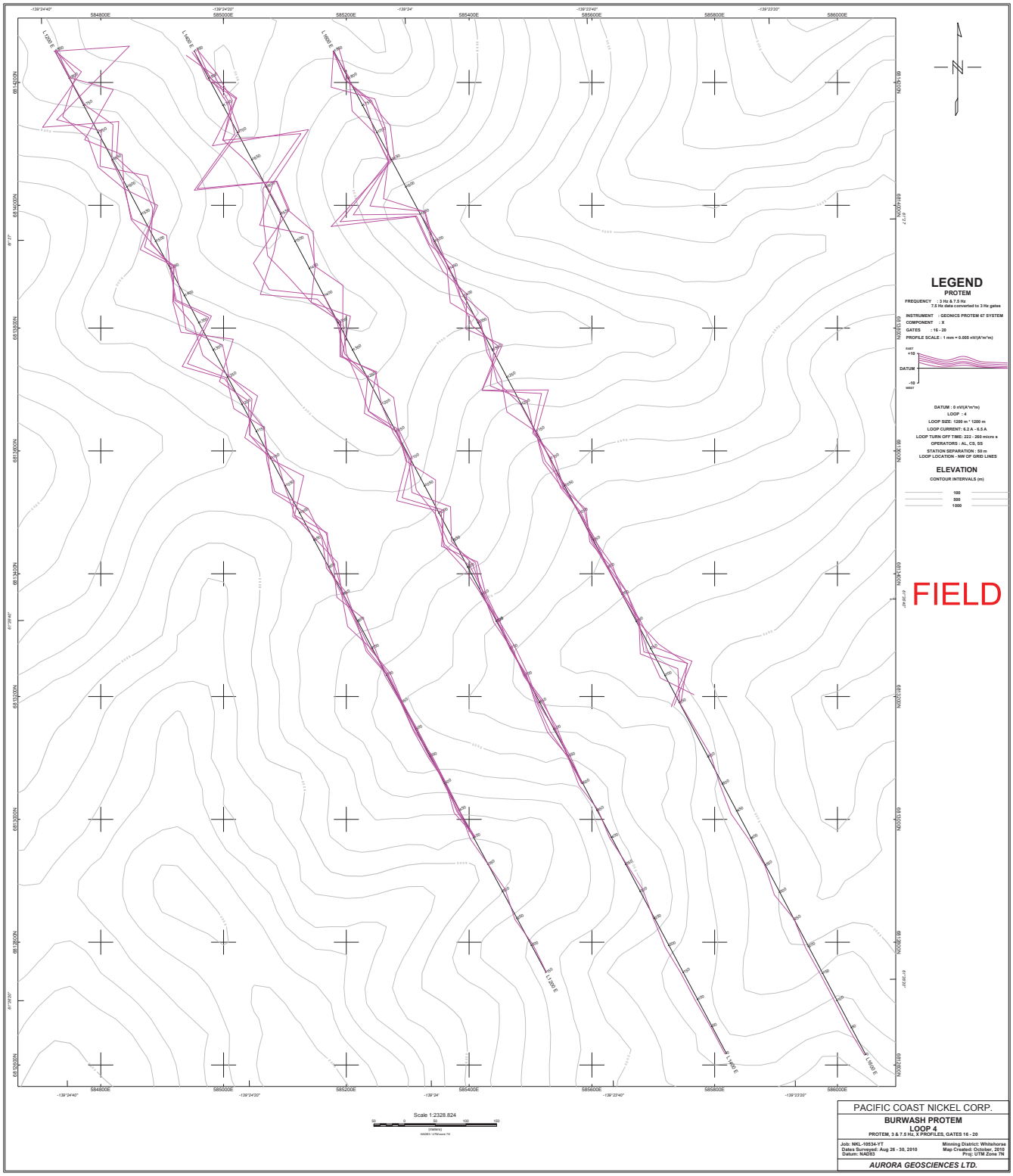
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, X PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Mineing District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.005 nV/(A*m*m)

EAST +10
DATUM
-10 WEST

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

Scale 1:2328.824

50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

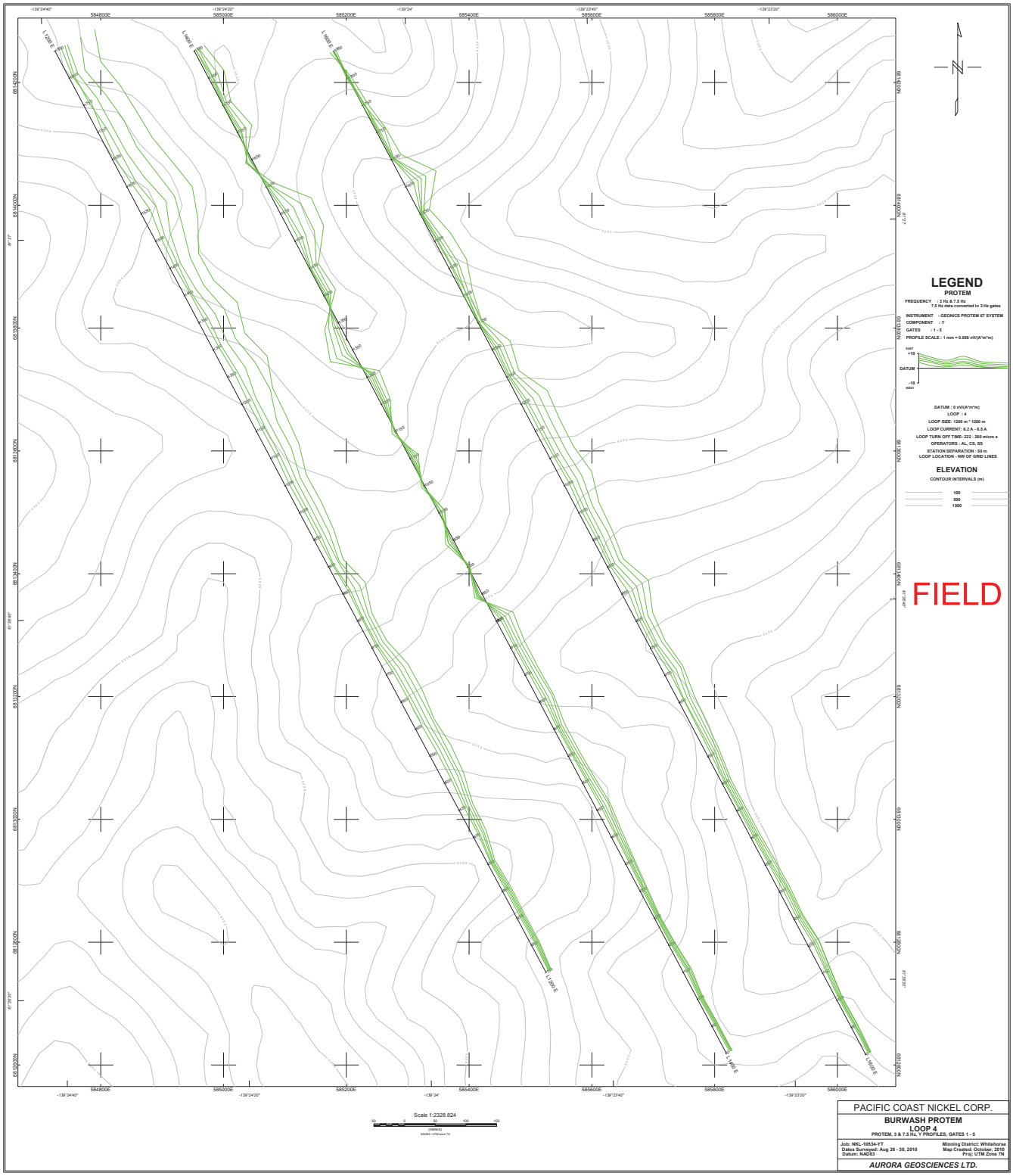
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, X PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Mineing District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 1 - 5
PROFILE SCALE : 1 mm = 0.008 nV/(A*m^m)

DATUM : 0 nV/(A*m^m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

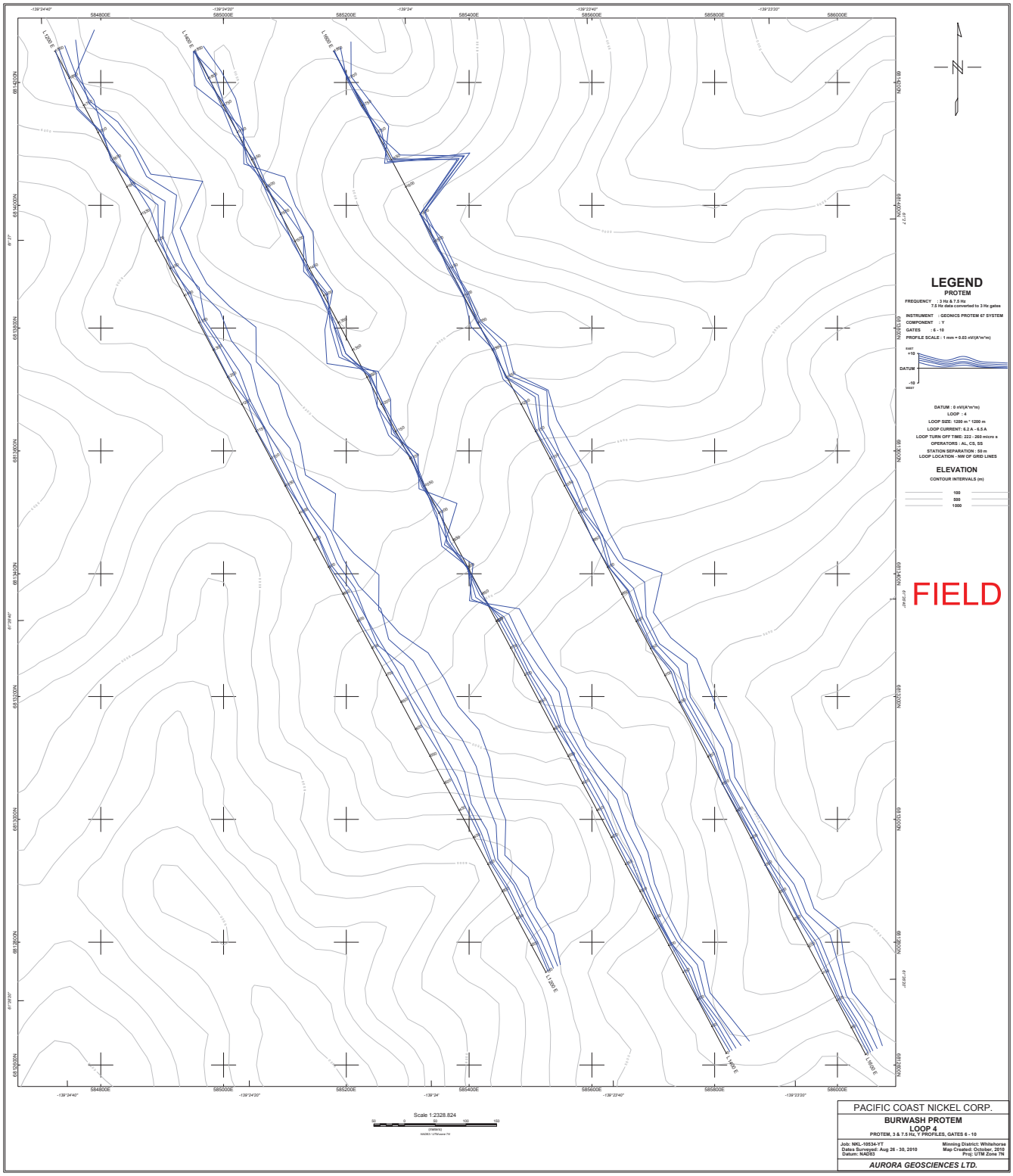
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, Y PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Mineing District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.03 nV/(A*m*m)

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

Scale 1:2328.824

50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

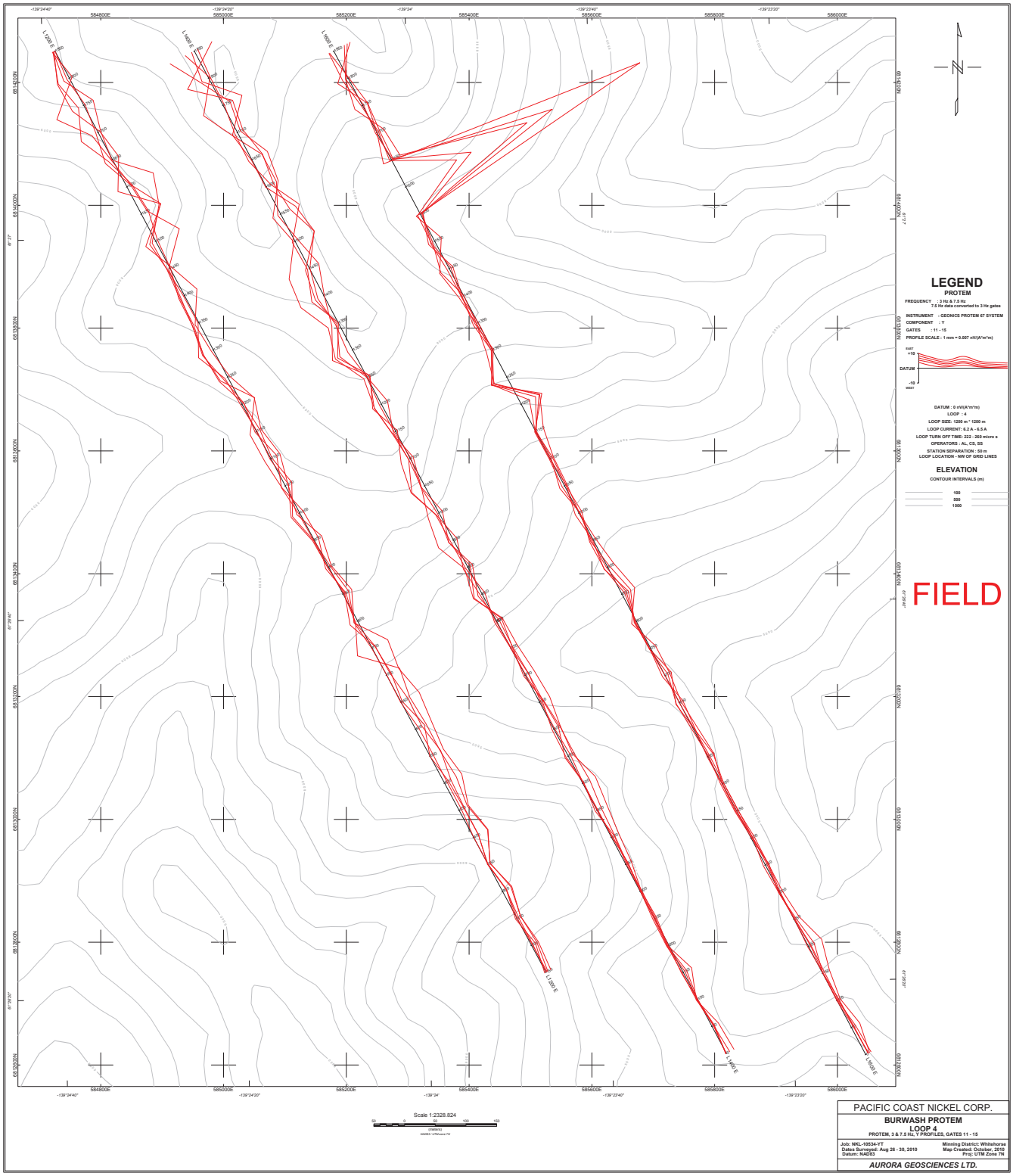
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, Y PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Mineng District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.007 nV/(A*m*m)

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

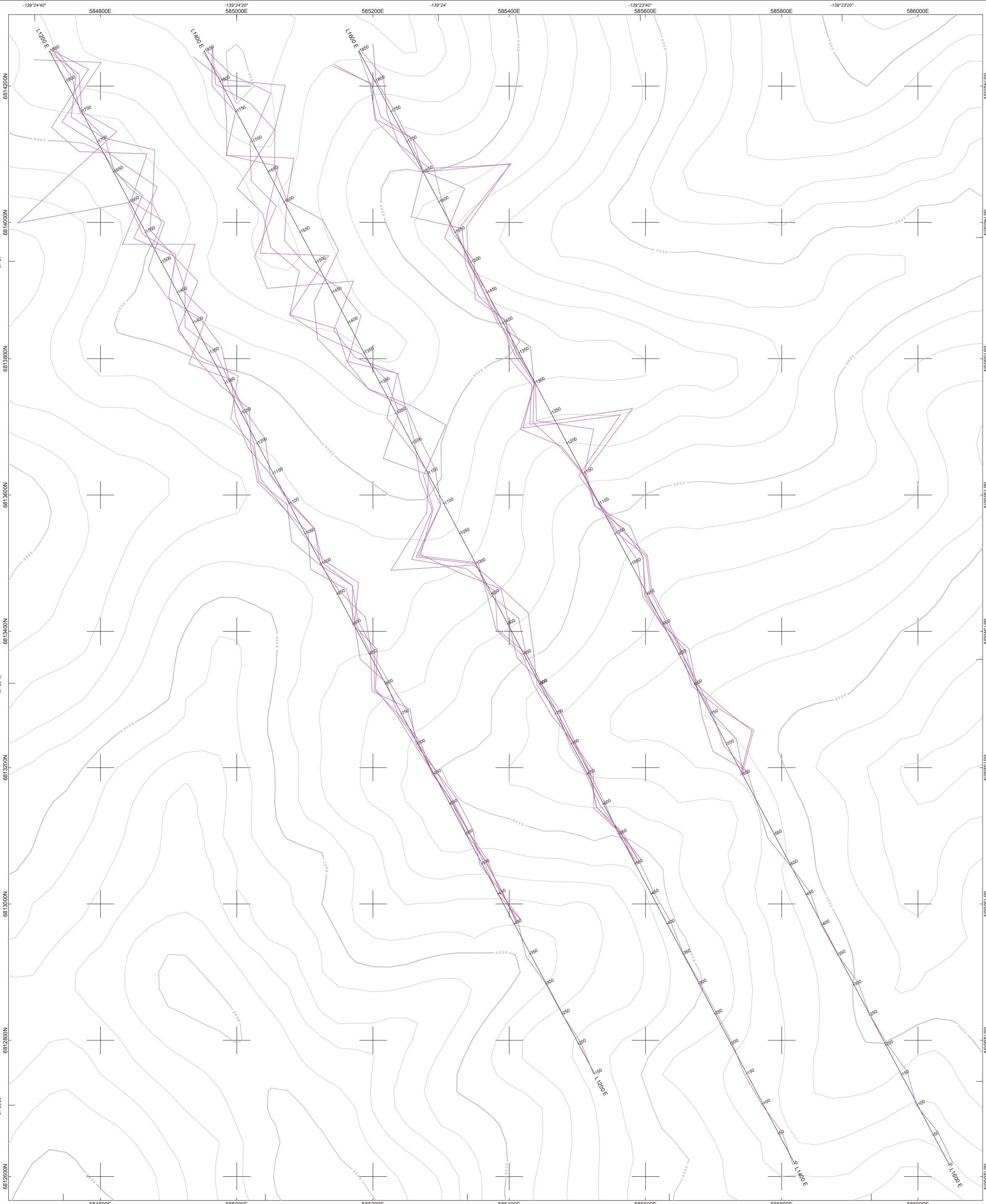
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, Y PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Mineing District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.003 nV/(A*m*m)

EAST +10
DATUM
-10 WEST

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

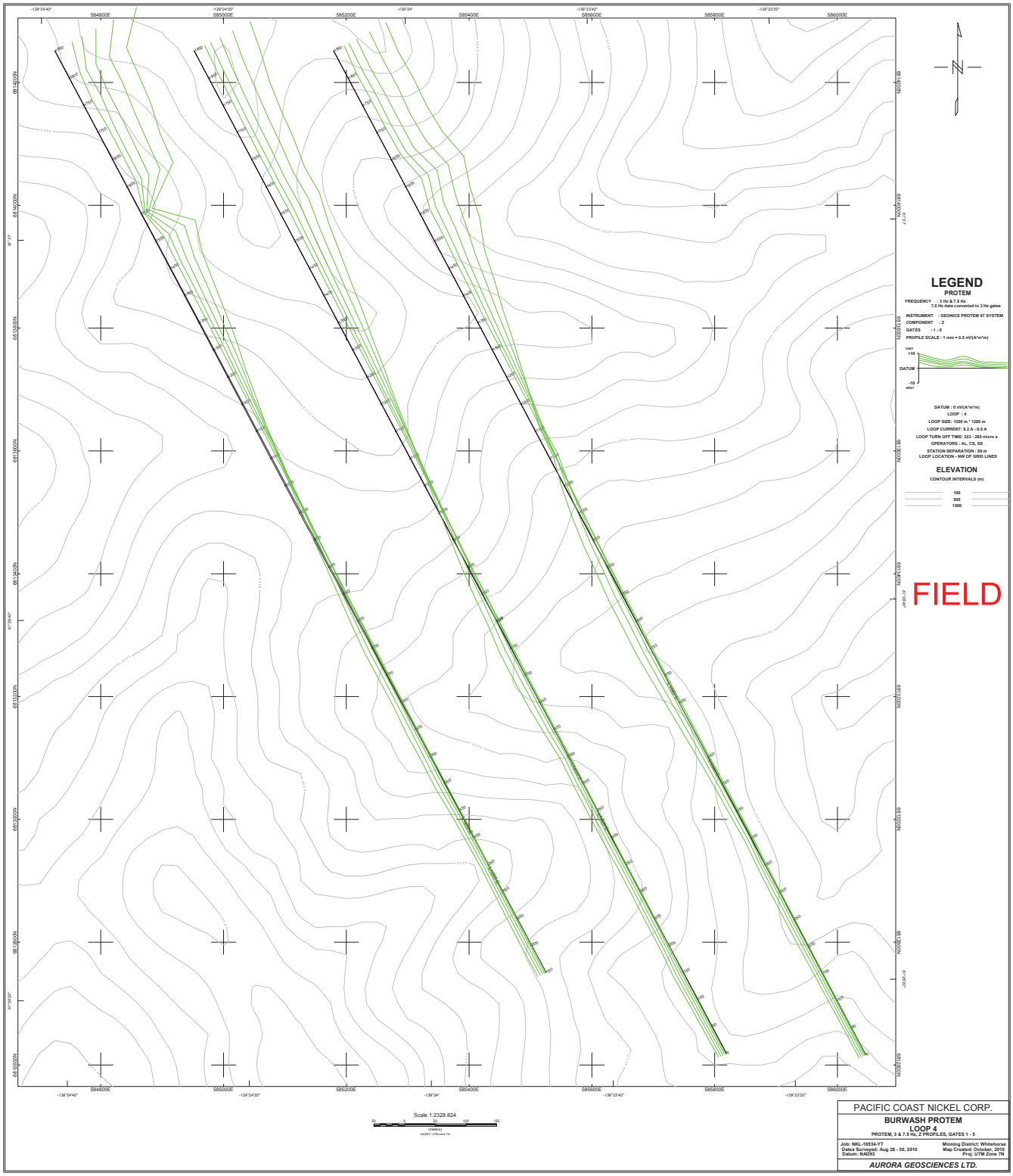
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, Y PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 1 - 5
PROFILE SCALE : 1 mm = 0.5 nV/(A*m^m)

DATUM : 0 nV/(A*m^m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

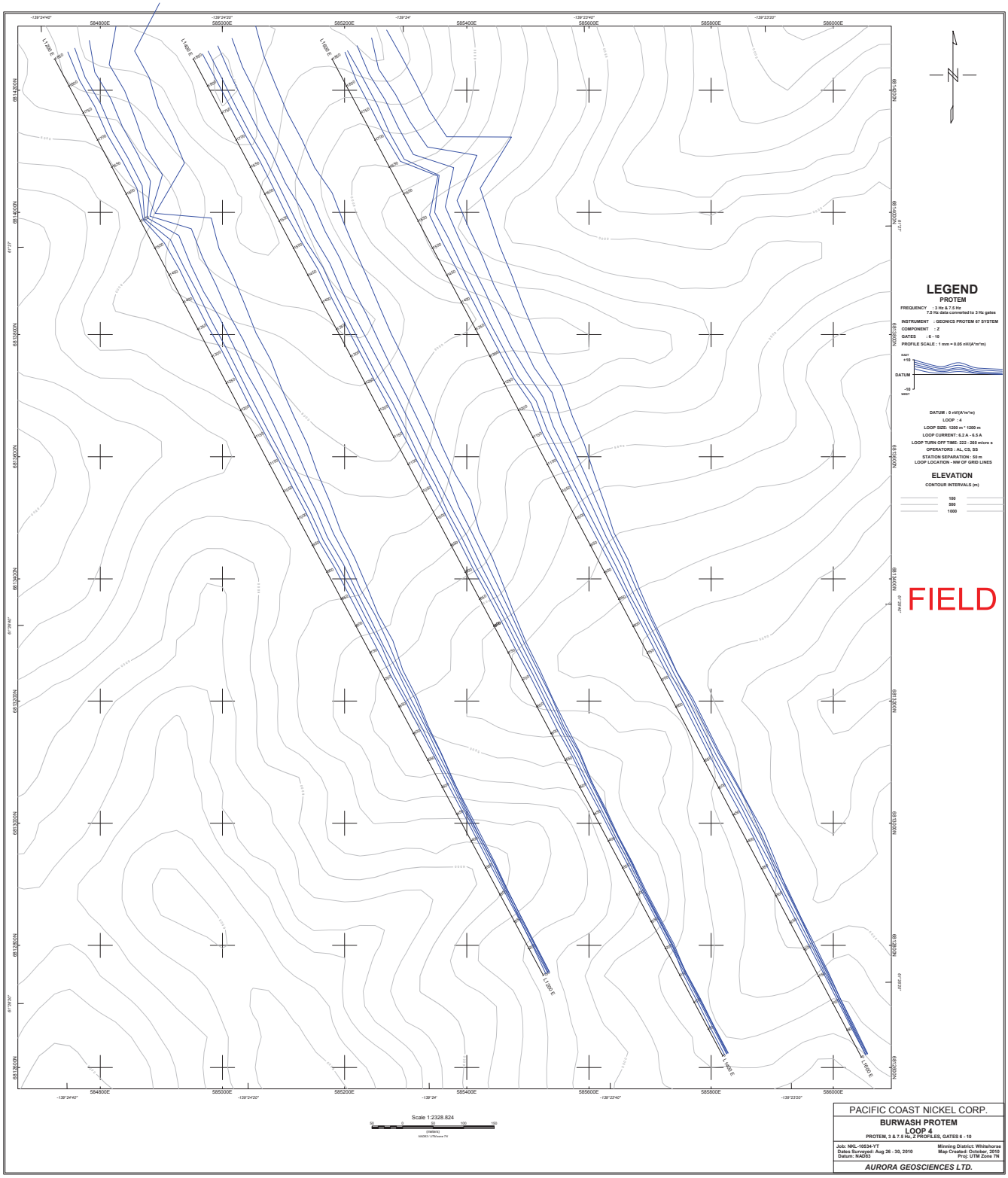
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, Z PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Mineng District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM

COMPONENT : Z

GATES : 6 - 10

PROFILE SCALE : 1 mm = 0.05 nV/(A*m*m)

DATUM : 0 nV/(A*m*m)

LOOP : 4

LOOP SIZE: 1200 m * 1200 m

LOOP CURRENT: 6.2 A - 6.2 A

LOOP TURN OFF TIME: 222 - 260 micro s

OPERATORS : AL, CS, SS

STATION SEPARATION : 50 m

LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

Scale 1:2328.824

0 50 100 150 200 Meters

Coordinate System:
NAD83 / UTM zone 7N

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM

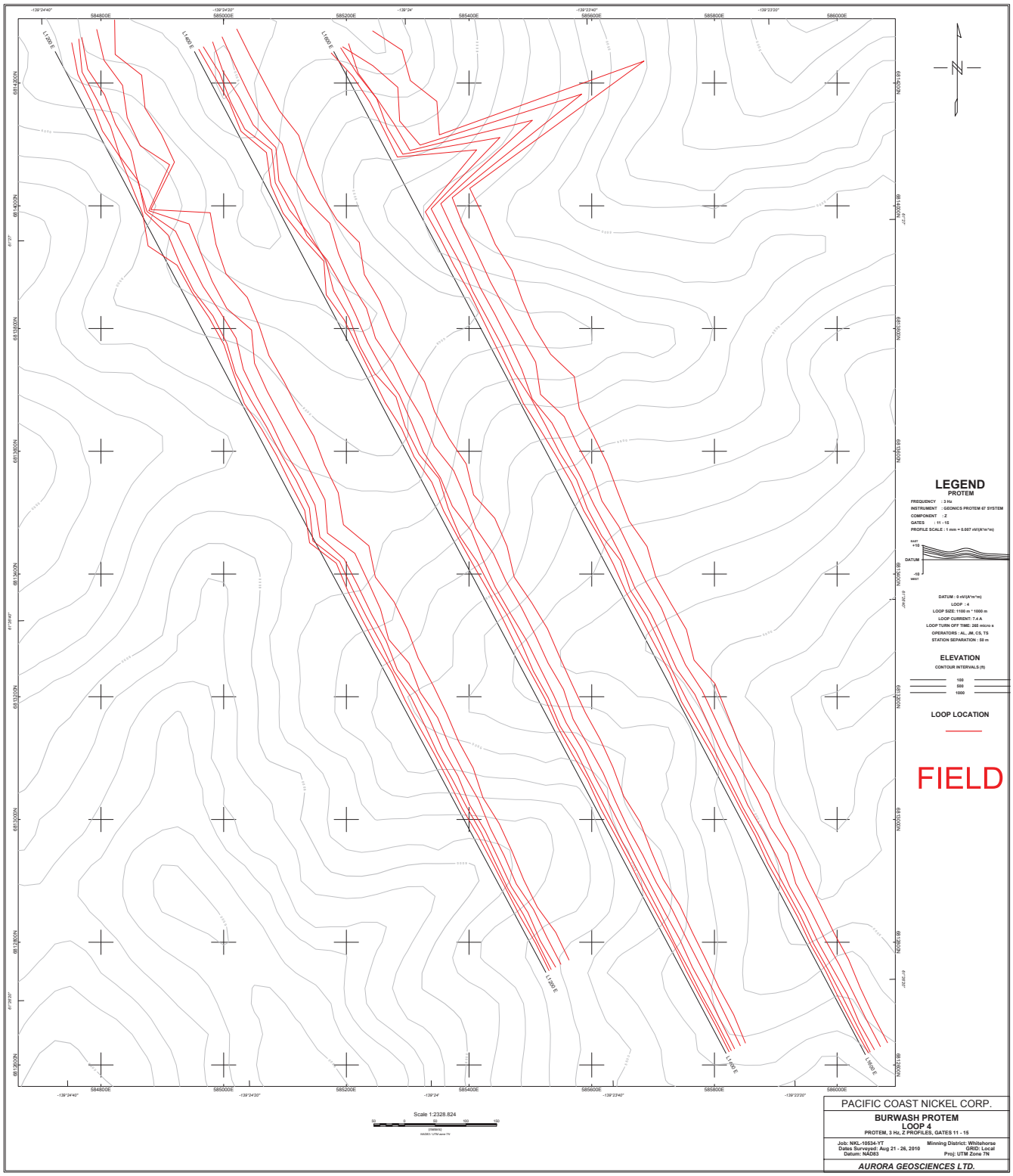
LOOP 4

PROTEM, 3 & 7.5 Hz, Z PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.667 nV/(A*m^m)

DATUM : 0 nV/(A*m^m)
LOOP : 4
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A
LOOP TURN OFF TIME: 265 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

LOOP LOCATION

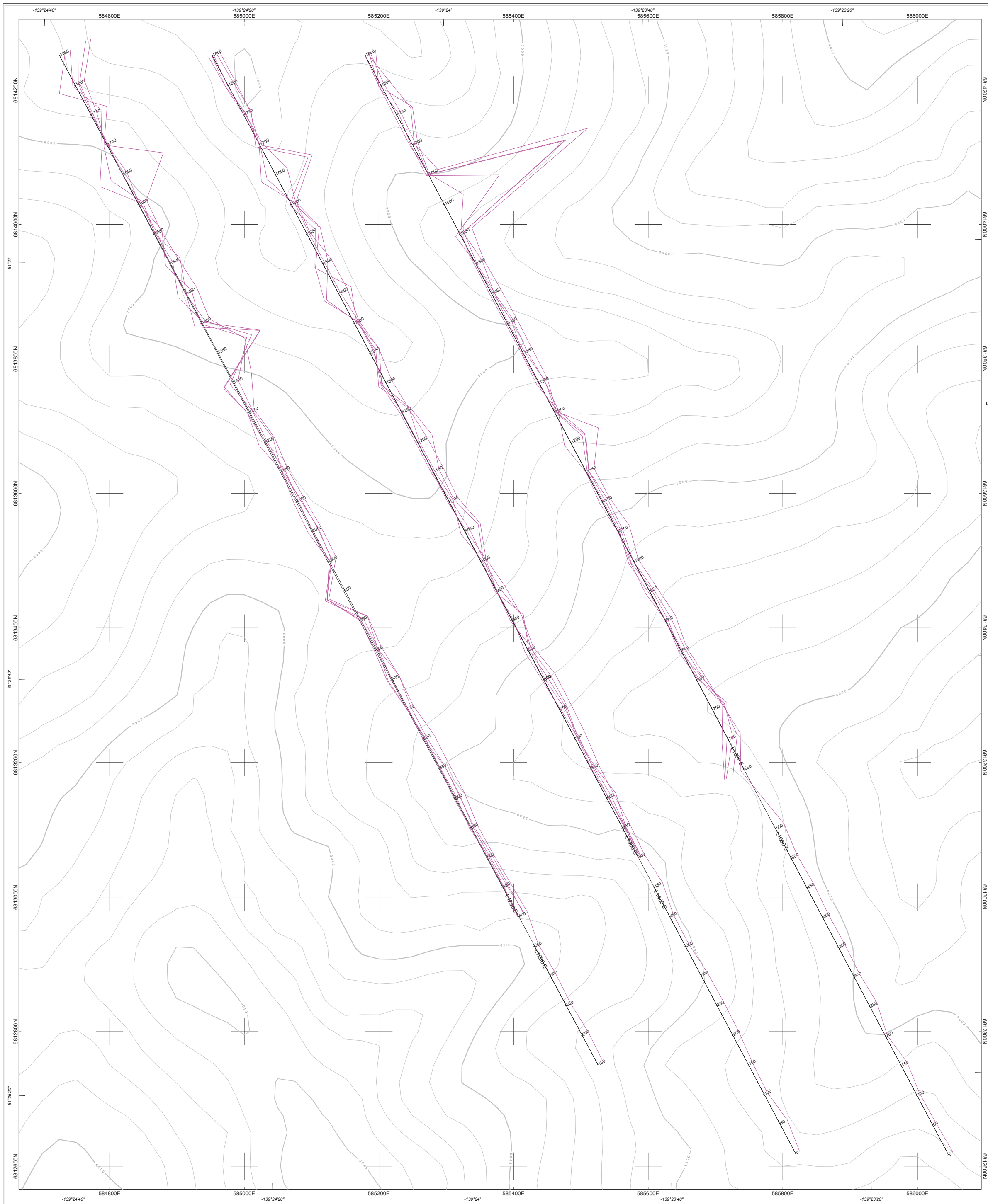
FIELD

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 Hz, Z PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83
Mineling District: Whitehorse
GRID: Local
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.

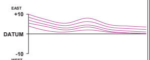


LEGEND

PROTEM

FREQUENCY : 3 Hz & 7.5 Hz
7.5 Hz data converted to 3 Hz gates

INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.003 nV/(A*m*m)



DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

Scale 1:2328.824

50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

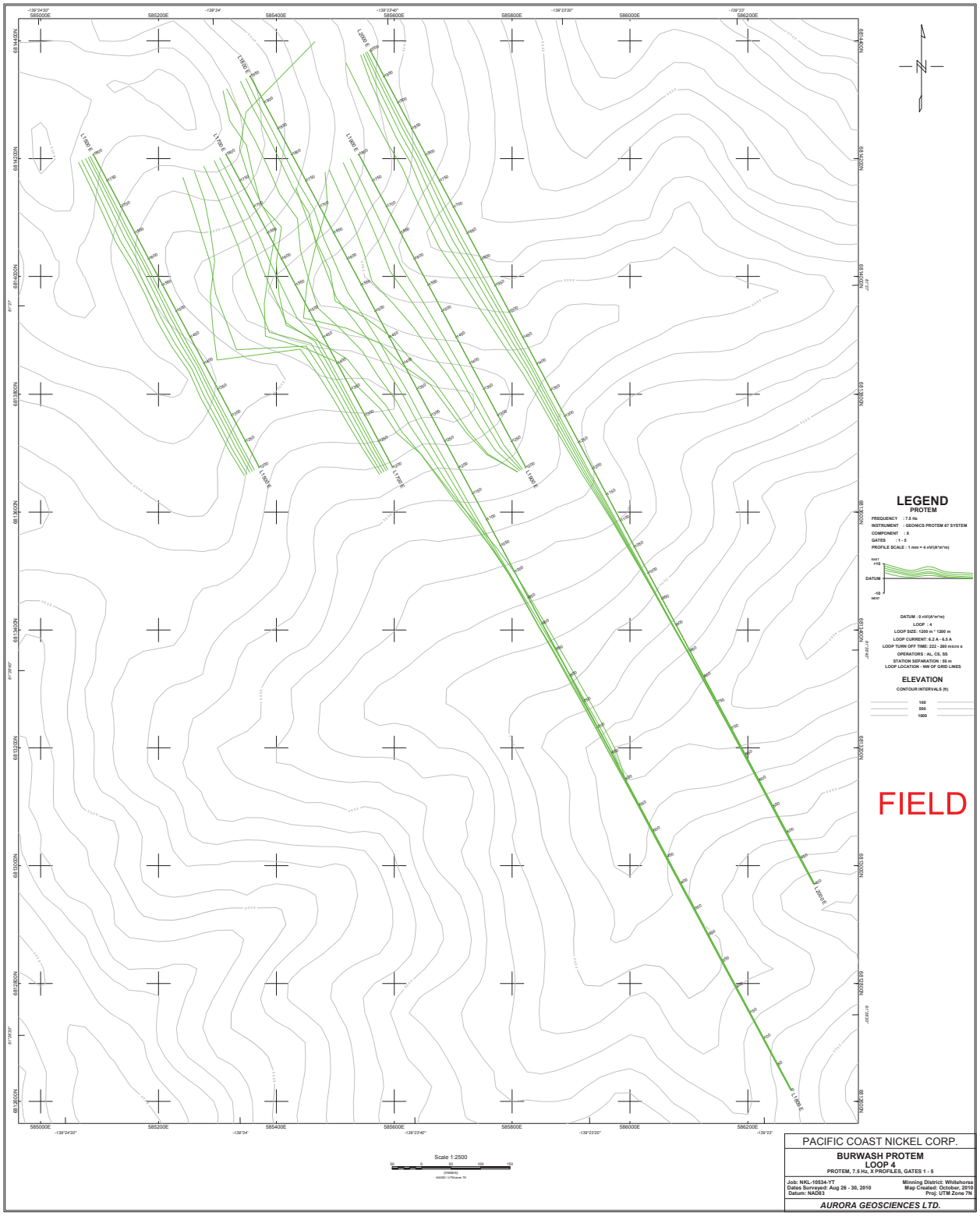
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 & 7.5 Hz, Z PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 1 - 5
PROFILE SCALE : 1 mm = 4 nV/(A*m*m)

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.6 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

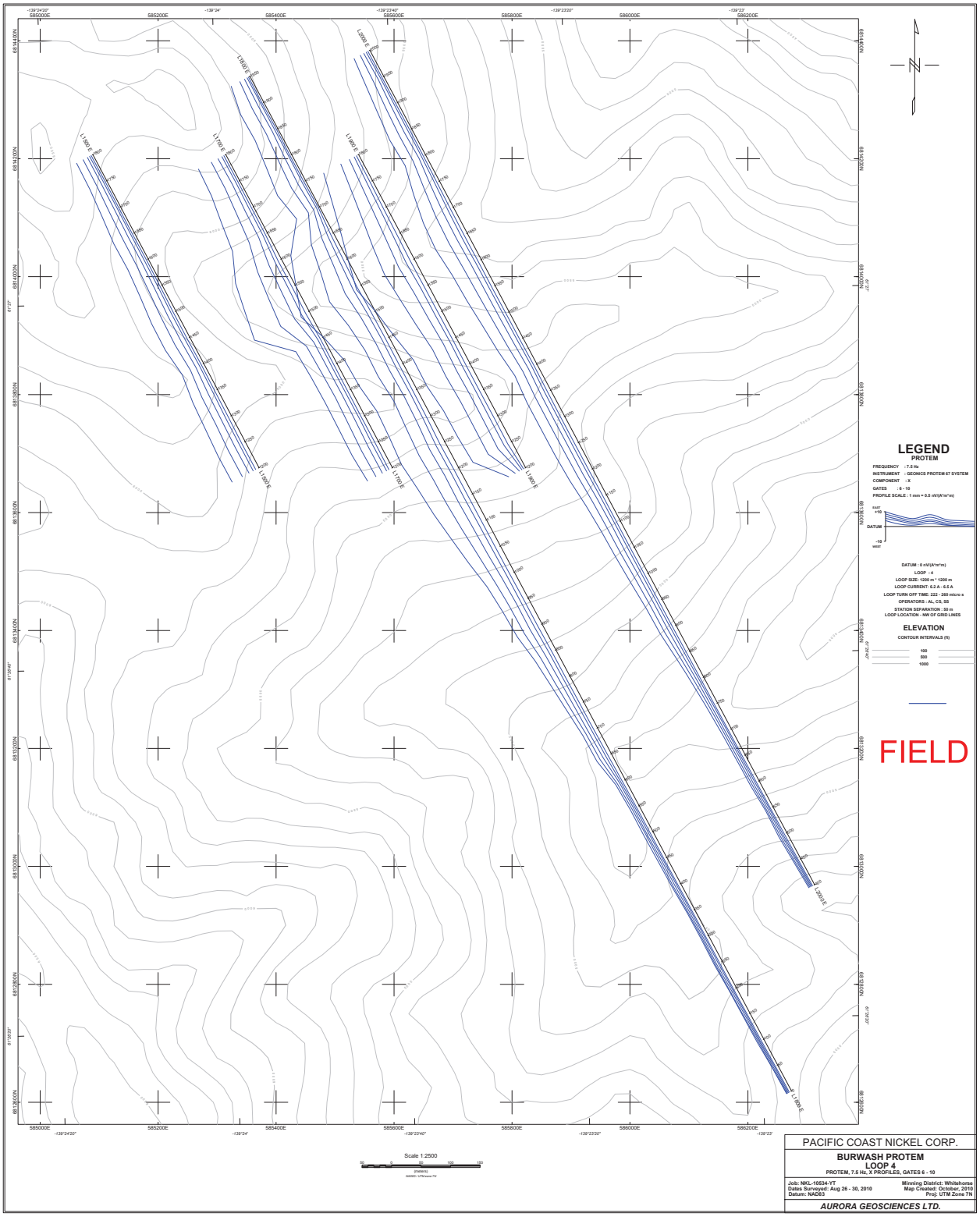
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, X PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.5 nV/(A*m^n)

DATUM : 0 nV/(A*m^n)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

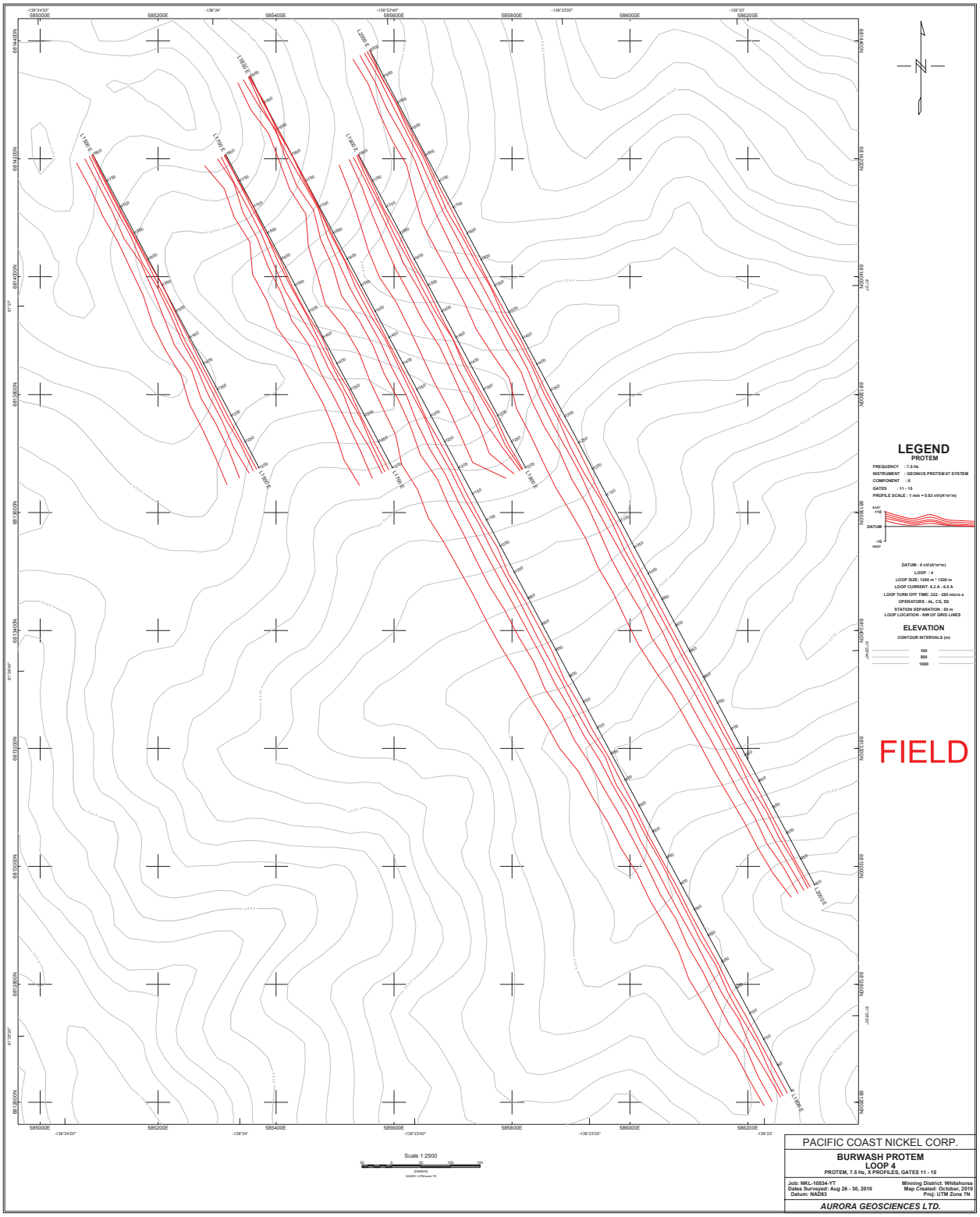
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, X PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.03 mV/(A*m^4)

EAST +150 DATUM −50 WEST

DATUM : 0 mV/(A*m^4)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

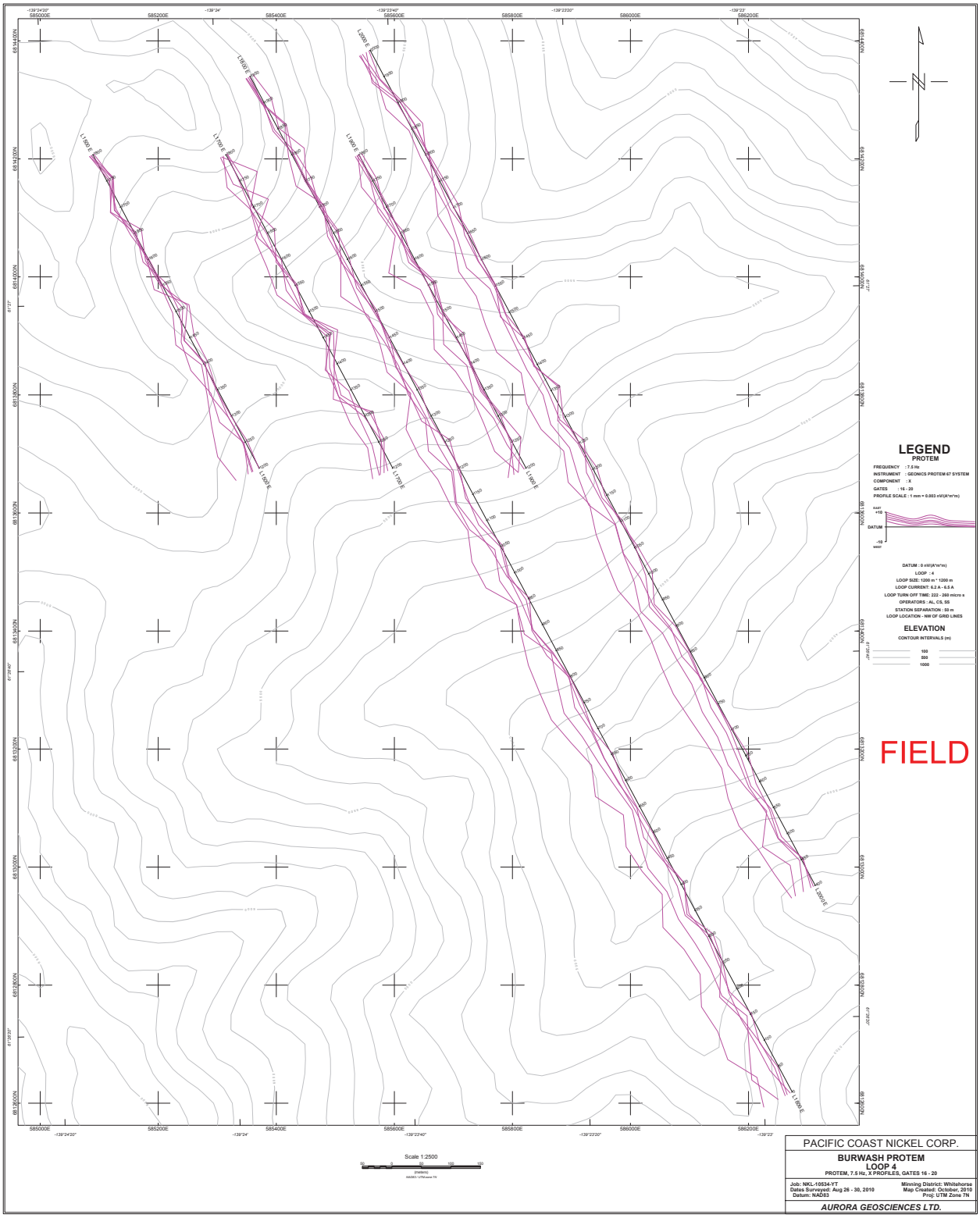
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, X PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : X
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.003 mV/(A*m^4)

EAST +150 DATUM −50 WEST

DATUM : 0 mV/(A*m^4)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

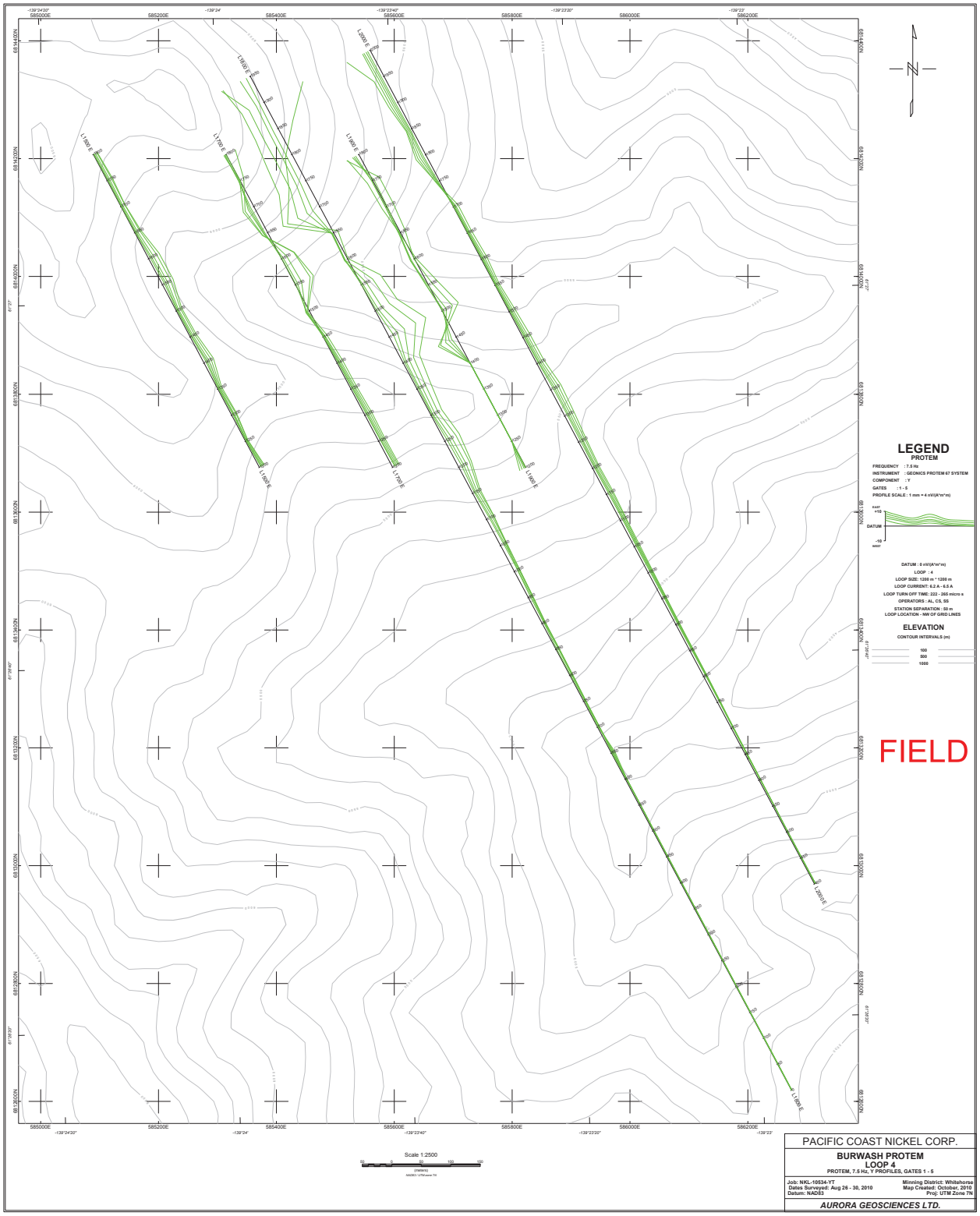
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, X PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 1 - 5
PROFILE SCALE : 1 mm = 4 nV/(A*m^m)

EAST +10 DATUM -10 WEST

DATUM : 0 nV/(A*m^m)
LOOP : 4
LOOP SIZE : 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 265 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

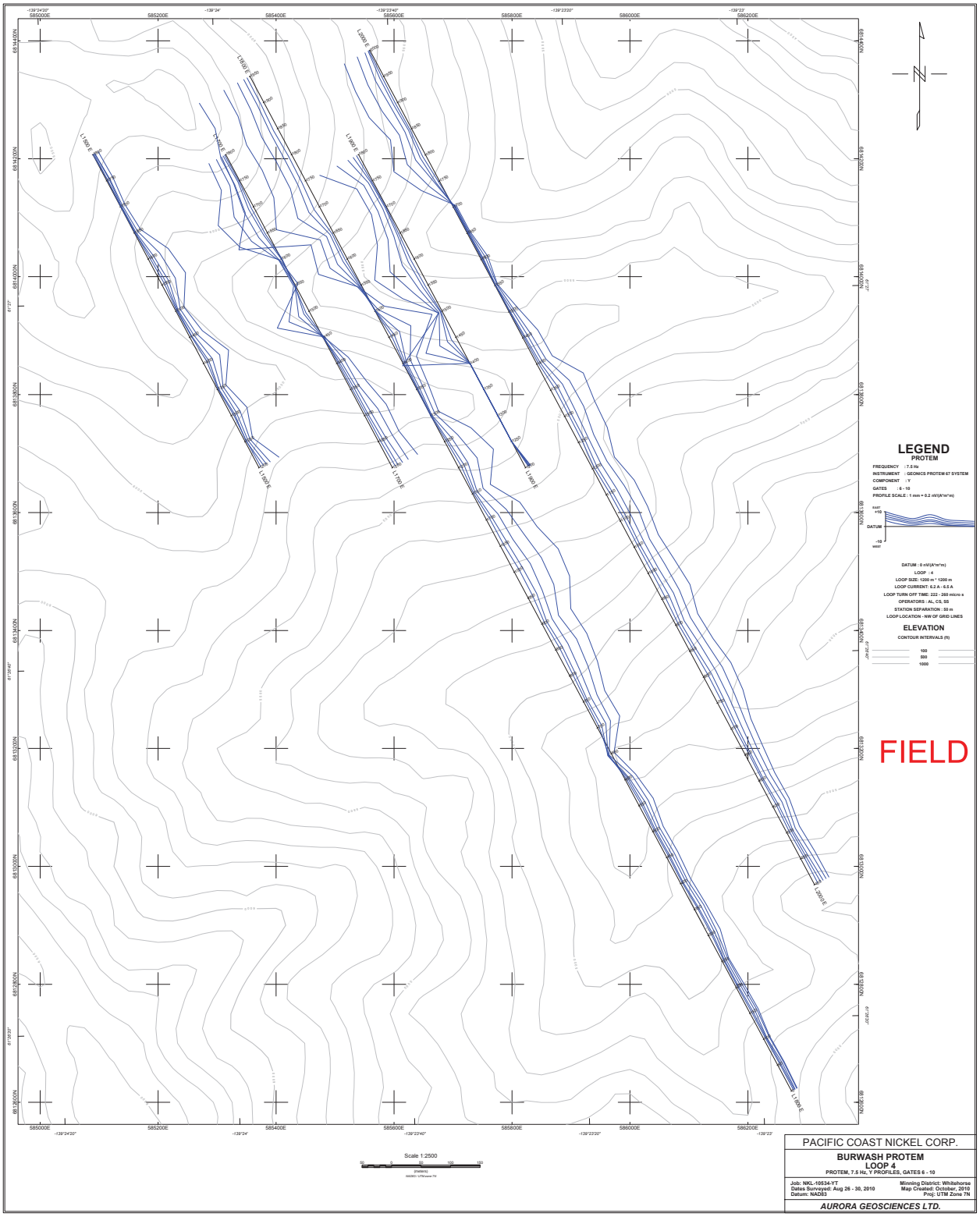
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, Y PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.2 nV/(A*m^n)

EAST +10 DATUM −10 WEST

DATUM : 0 nV/(A*m^n)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

FIELD

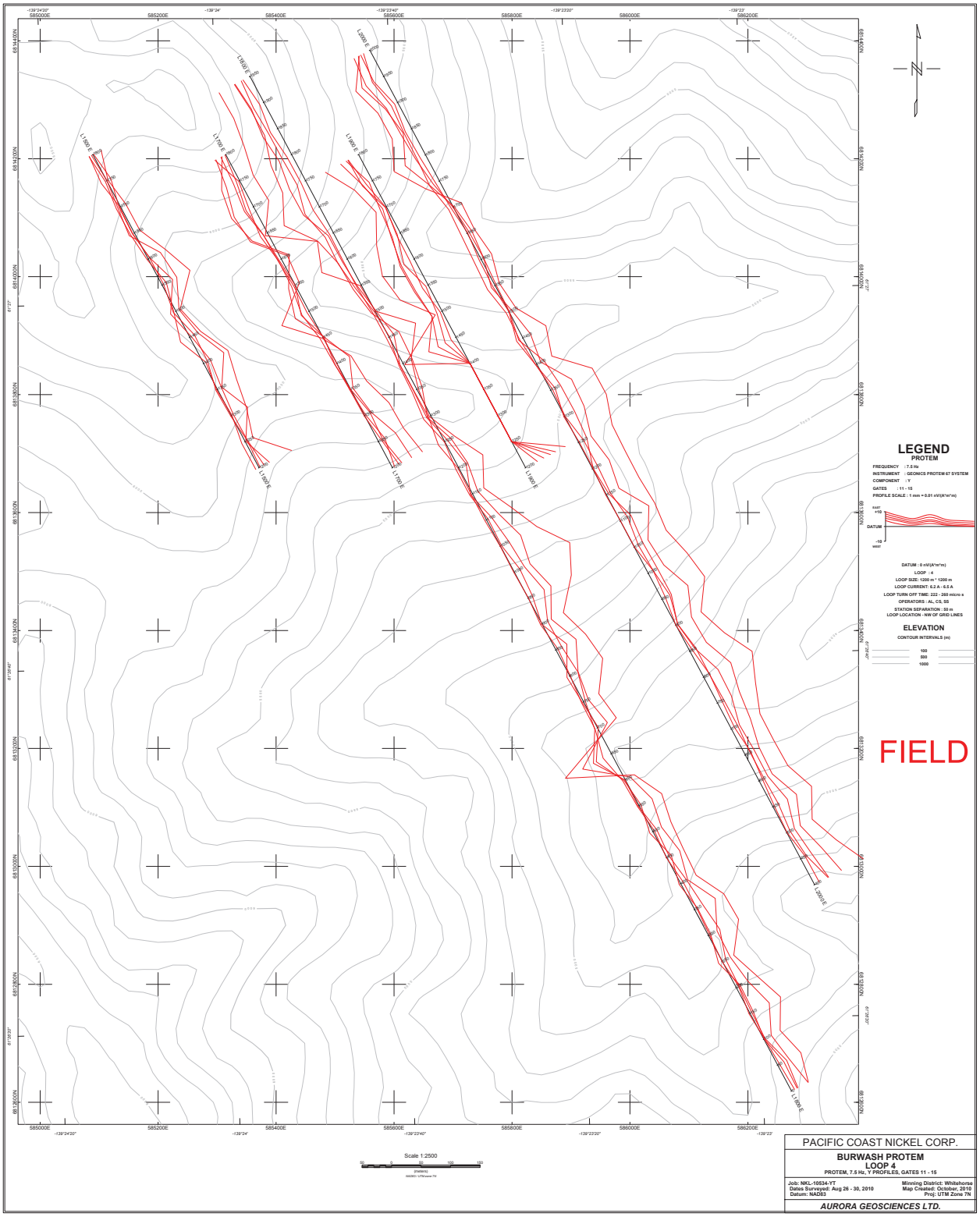
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, Y PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.01 nV/(A*m^4)

EAST +15 DATUM -10 WEST

DATUM : 0 nV/(A*m^4)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

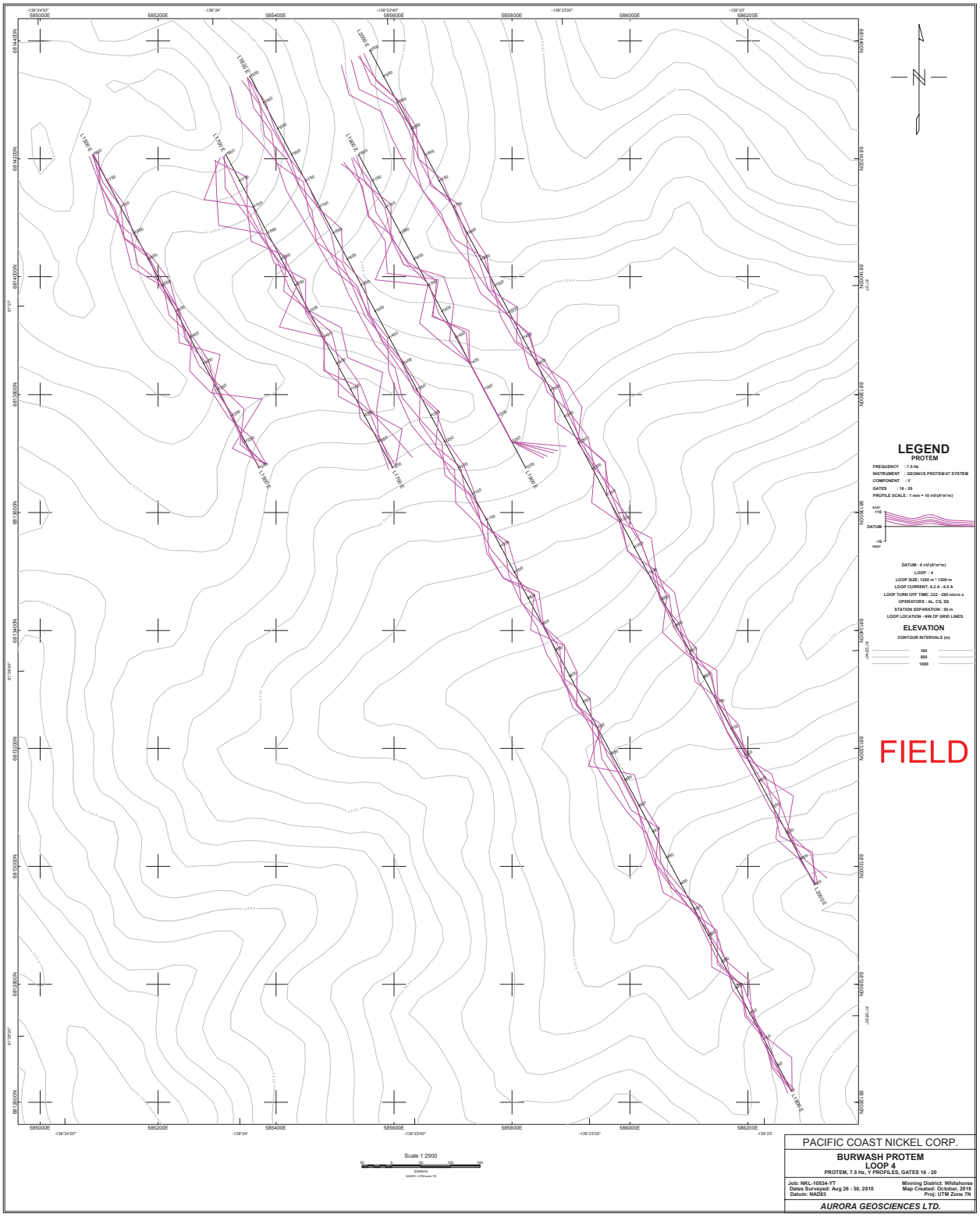
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, Y PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Y
GATES : 16 - 20
PROFILE SCALE : 1 mm = 10 nV/(A*m^5)

DATUM : 0 nV/(A*m^5)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

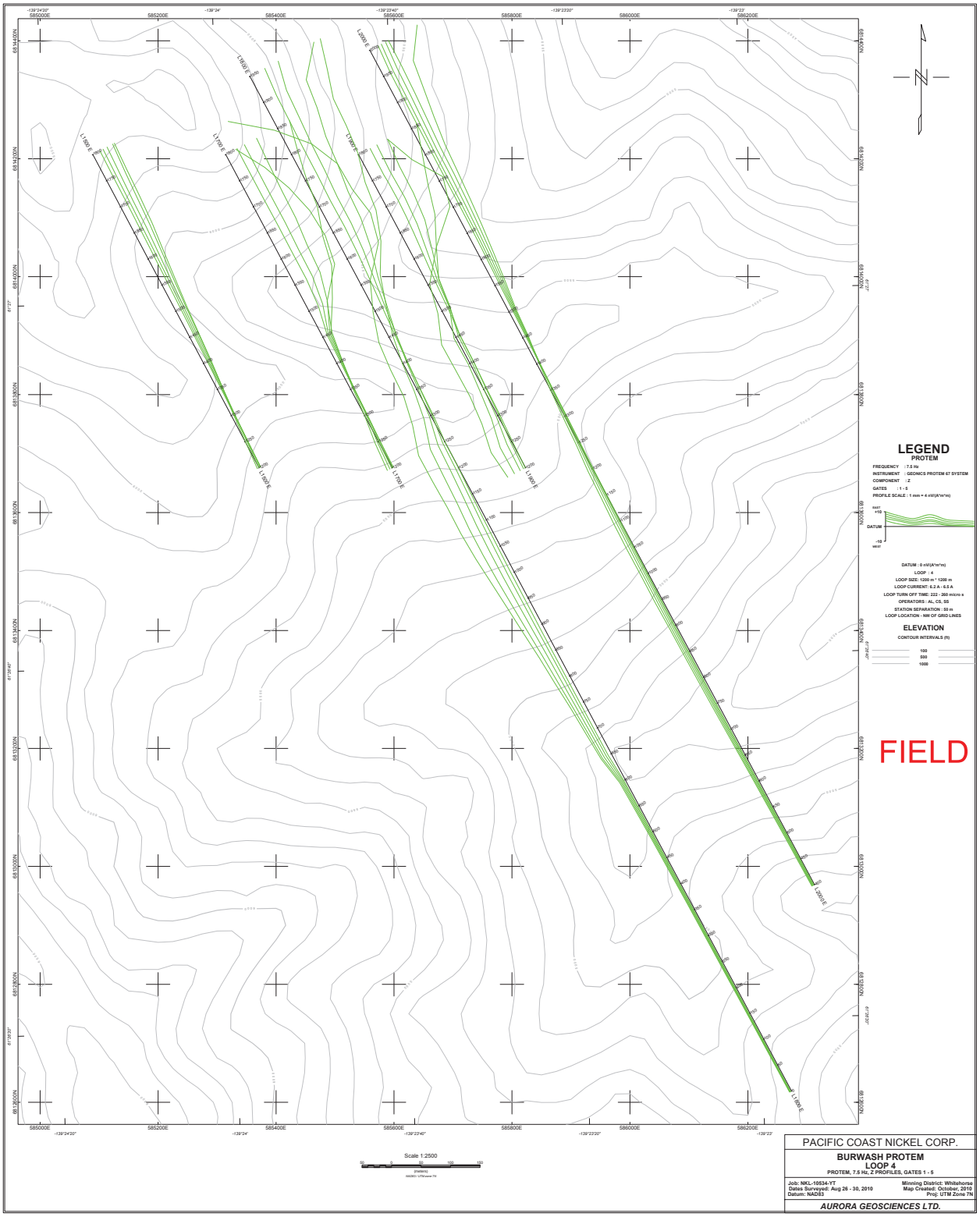
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, Y PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 1 - 5
PROFILE SCALE : 1 mm = 4 nV/(A*m^m)

EAST +10 DATUM −10 WEST

DATUM : 0 nV/(A*m^m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 360 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

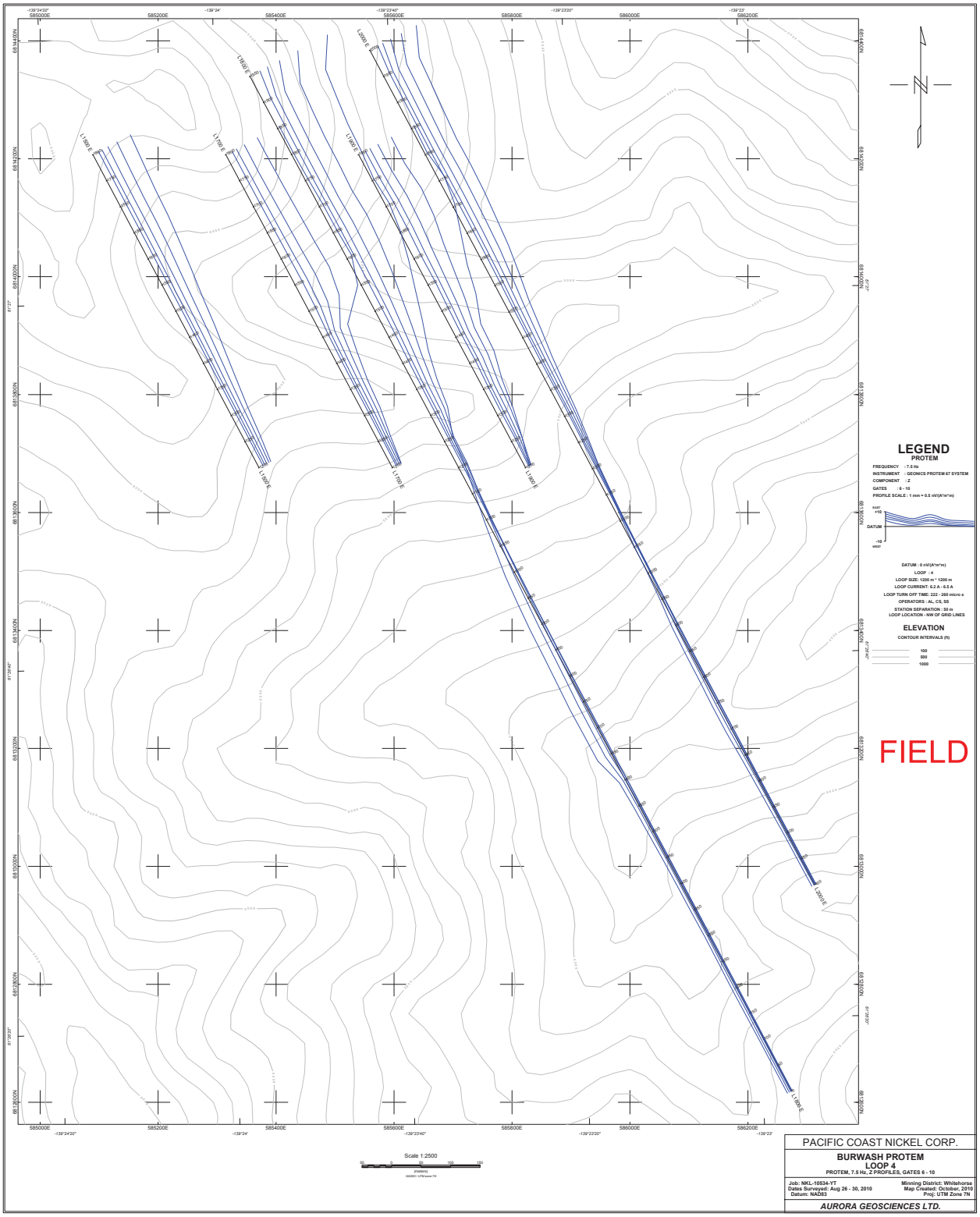
FIELD

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, Z PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



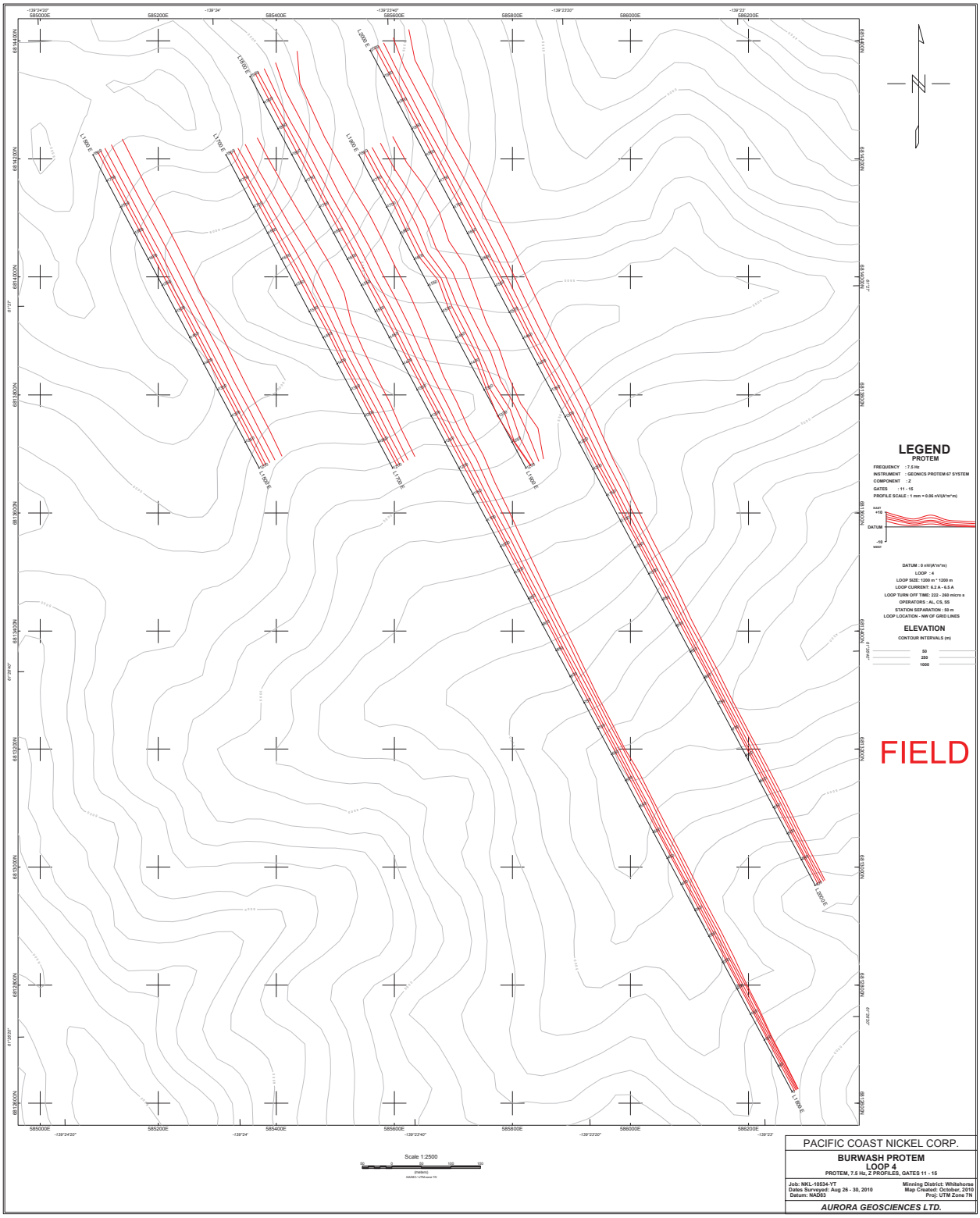
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, Z PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.06 mV/(A*m^4)

EAST +15 DATUM −10 WEST

DATUM : 0 mV/(A*m^4)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - NW OF GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

50
250
1000

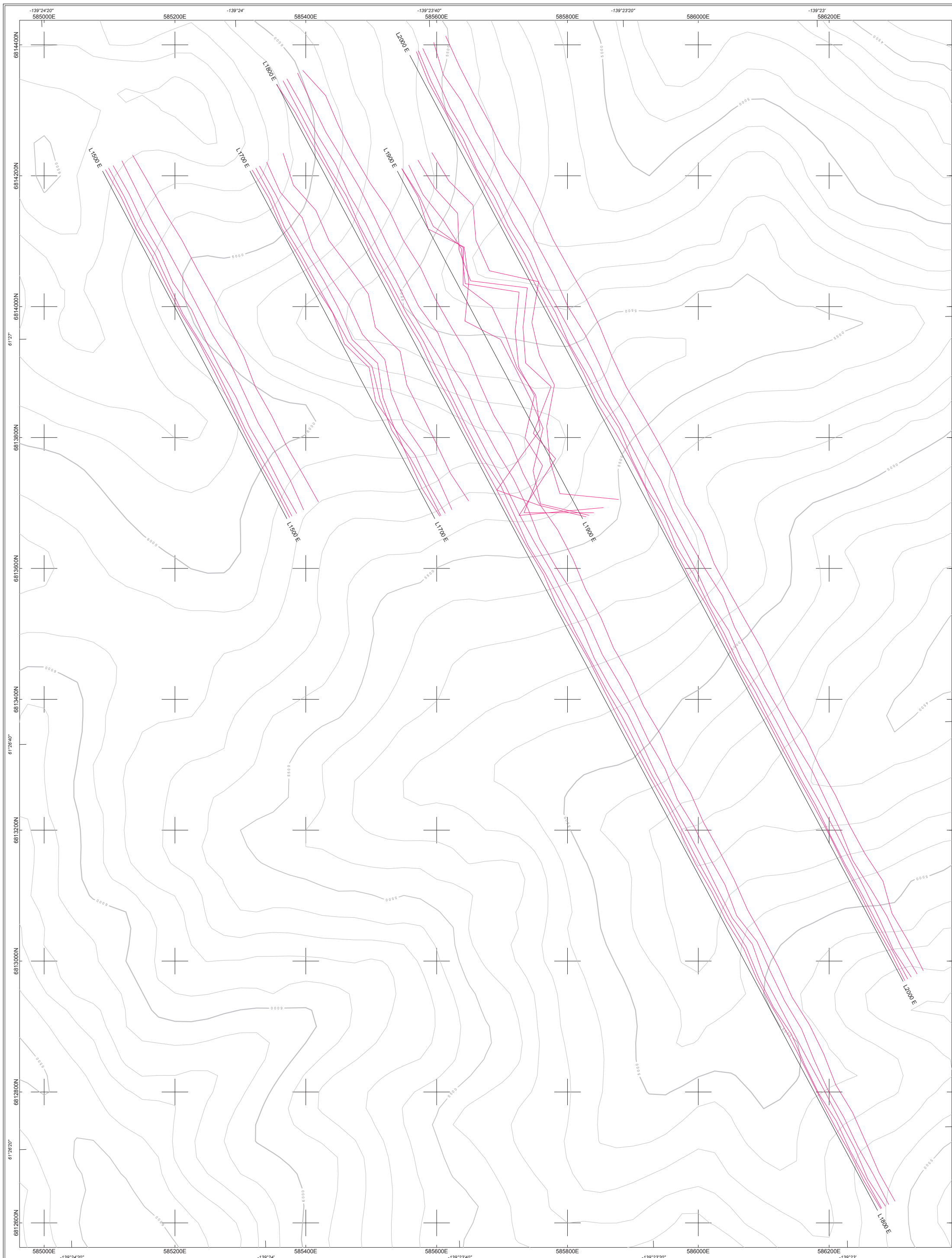
FIELD

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, Z PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

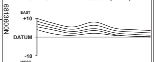
AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 7.5 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.006 nV/(A*m*m)



DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1100 m * 1000 m
LOOP CURRENT: 7.4 A
LOOP TURN OFF TIME: 265 micro s
OPERATORS : AL, JM, CS, TS
STATION SEPARATION : 50 m

ELEVATION

CONTOUR INTERVALS (ft)

100
500
1000

LOOP LOCATION

FIELD

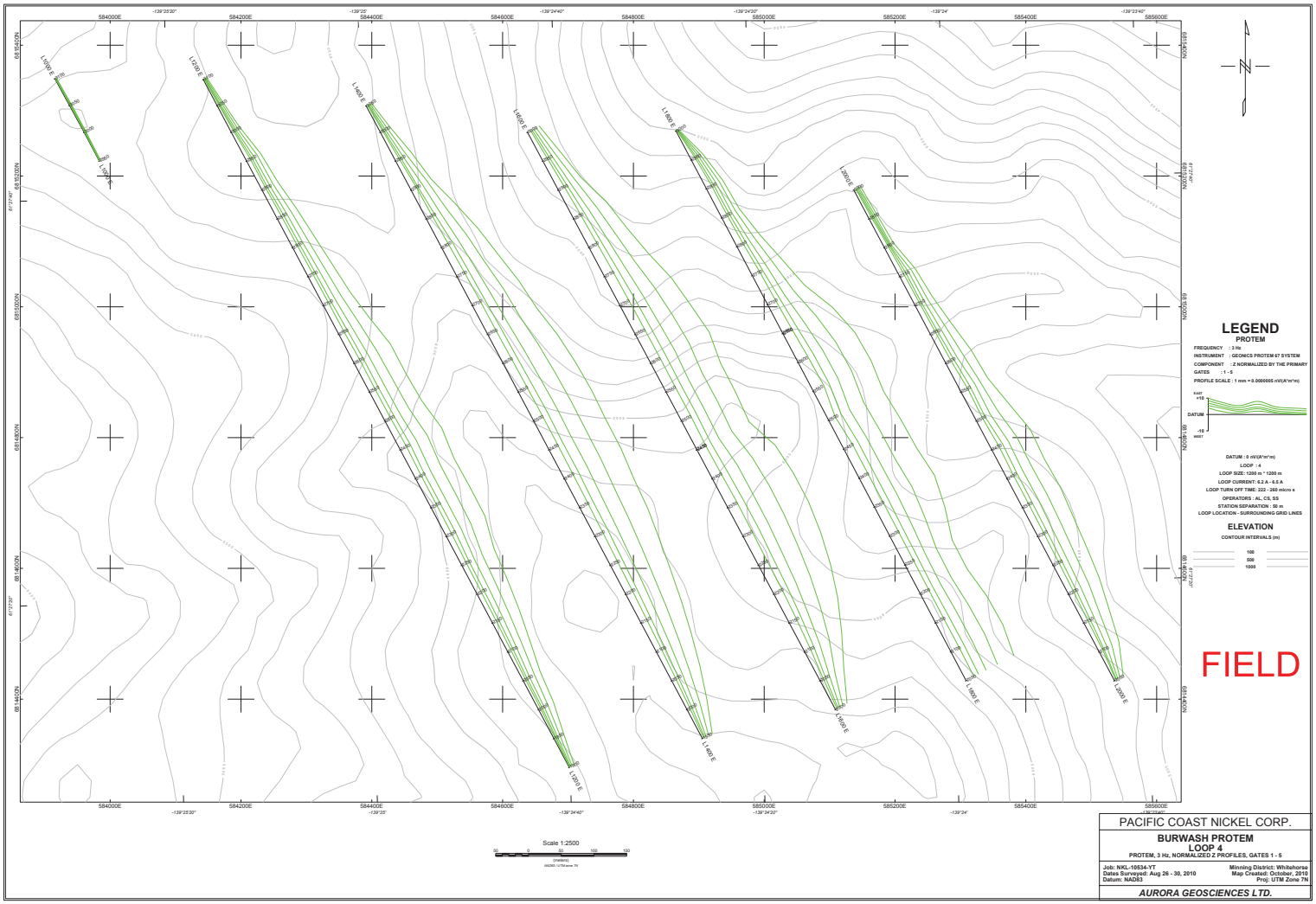
Scale 1:2500
50 0 50 100 150
(meters)
NAD83 / UTM zone 7N

PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 7.5 Hz, Z PROFILES, GATES 16 - 20

Job: NKL-10534-YT
Dates Surveyed: Aug 21 - 26, 2010
Datum: NAD83
Minning District: Whitehorse
GRID: Local
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z NORMALIZED BY THE PRIMARY
GATES : 1 - 5
PROFILE SCALE : 1 mm = 0.0000005 nV/(A*m*m)

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.6 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - SURROUNDING GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

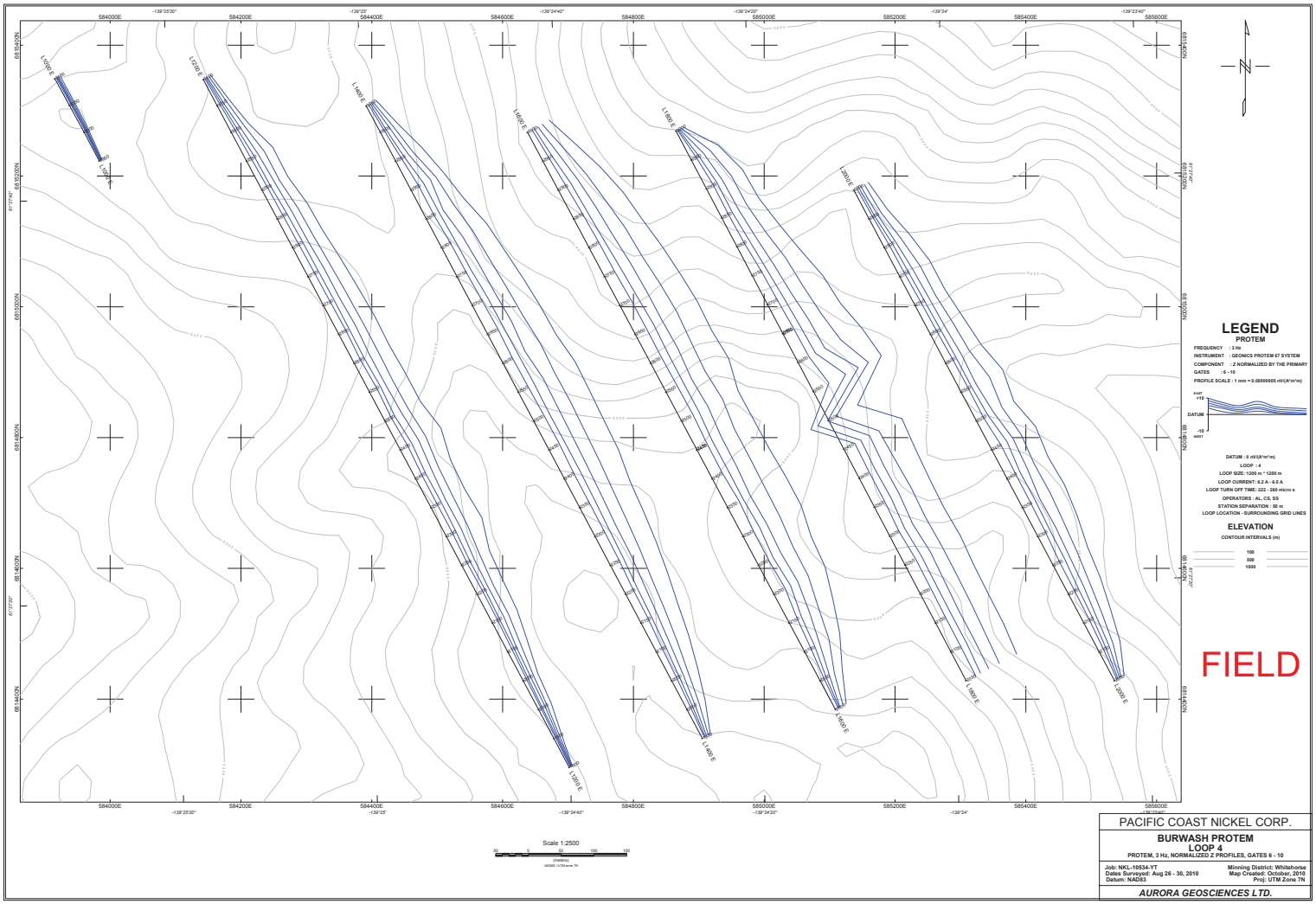
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 Hz, NORMALIZED Z PROFILES, GATES 1 - 5

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z NORMALIZED BY THE PRIMARY
GATES : 6 - 10
PROFILE SCALE : 1 mm = 0.00000005 nV/(A*m^m)

DATUM : 0 nV/(A*m^m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.5 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - SURROUNDING GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

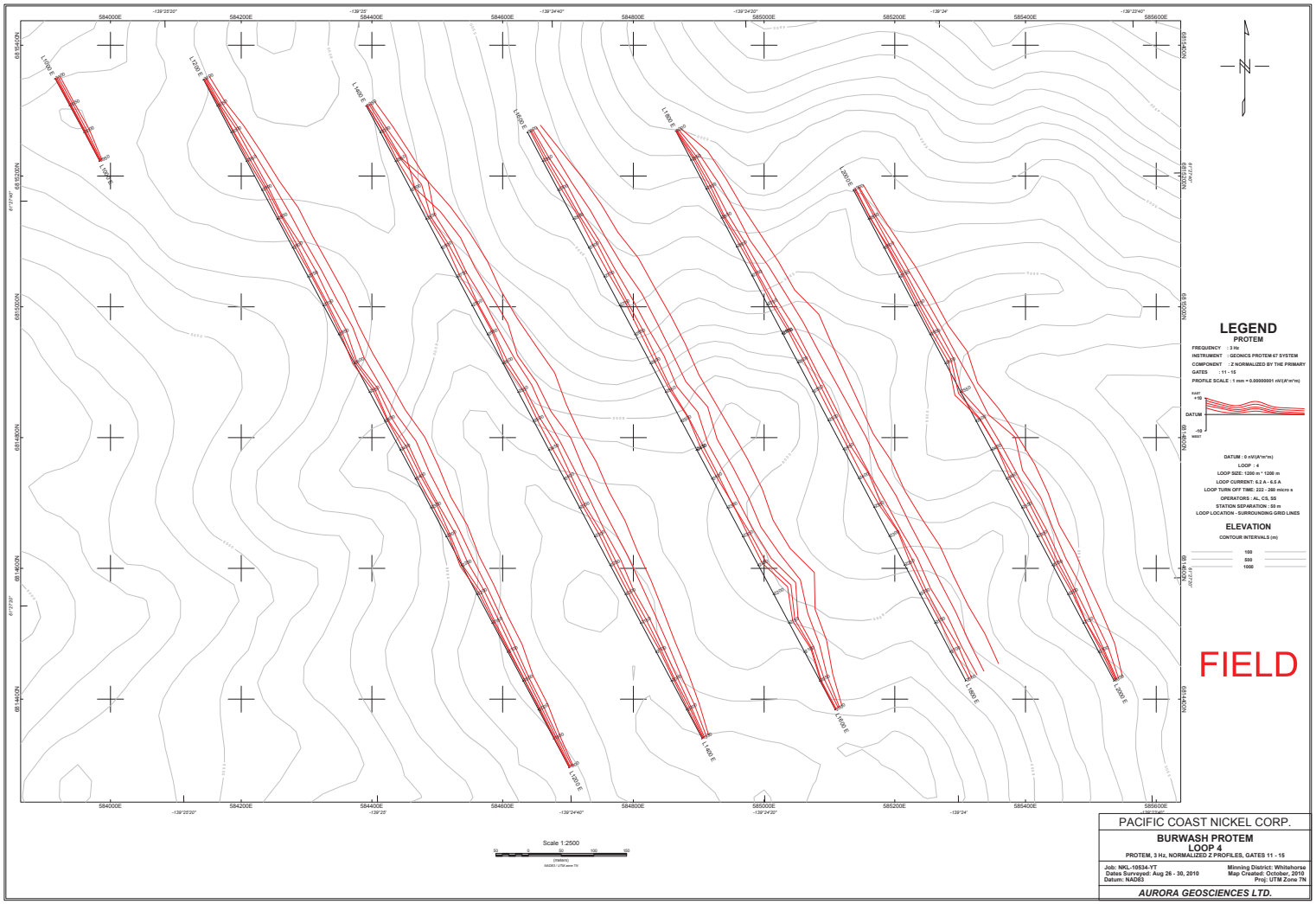
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 Hz, NORMALIZED Z PROFILES, GATES 6 - 10

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z NORMALIZED BY THE PRIMARY
GATES : 11 - 15
PROFILE SCALE : 1 mm = 0.00000001 nV/(A*m^5)

DATUM : 0 nV/(A*m^5)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.6 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, CS, SS
STATION SEPARATION : 50 m
LOOP LOCATION - SURROUNDING GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

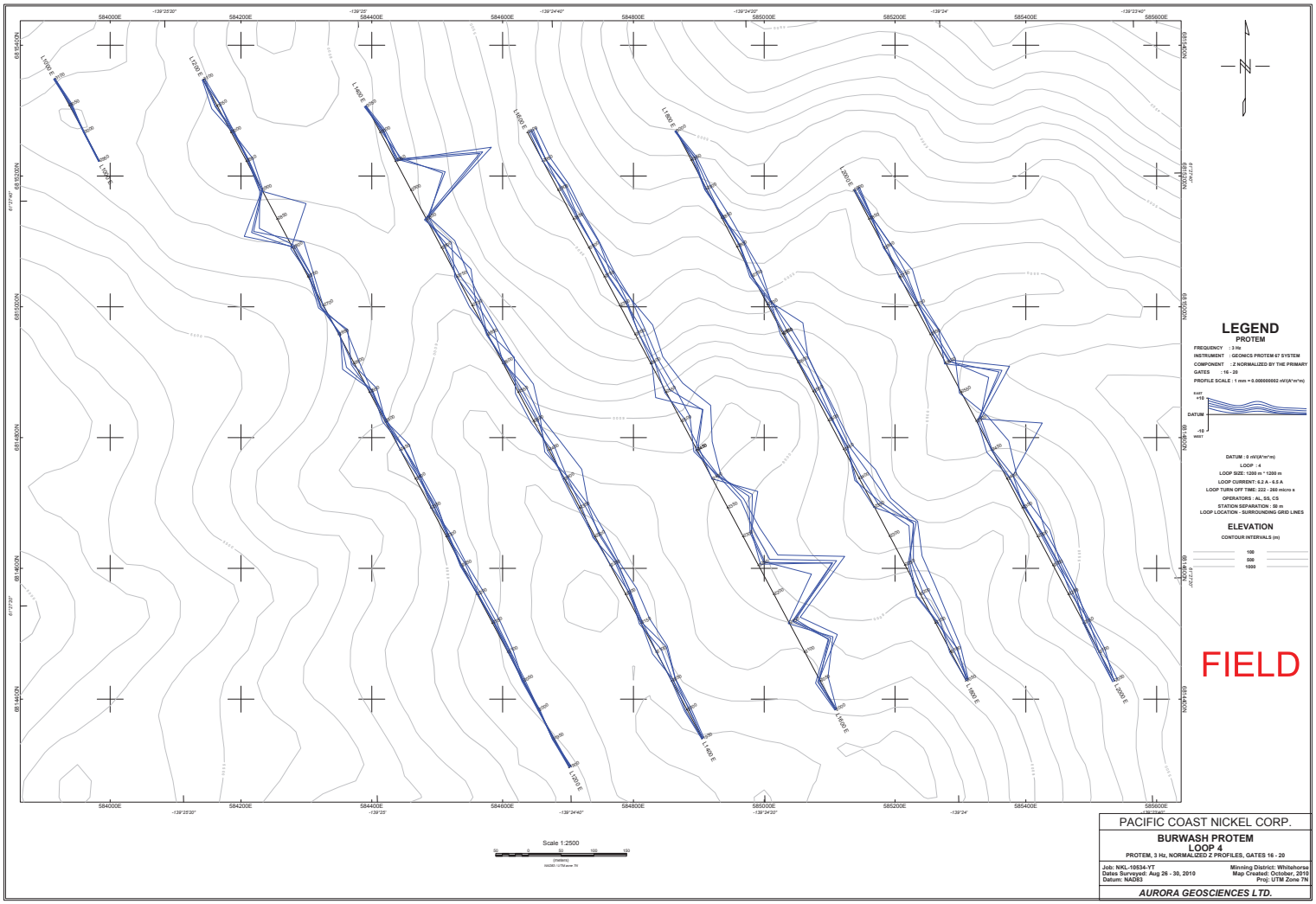
PACIFIC COAST NICKEL CORP.

BURWASH PROTEM
LOOP 4
PROTEM, 3 Hz, NORMALIZED Z PROFILES, GATES 11 - 15

Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.



LEGEND

PROTEM

FREQUENCY : 3 Hz
INSTRUMENT : GEONICS PROTEM 67 SYSTEM
COMPONENT : Z NORMALIZED BY THE PRIMARY
GATES : 16 - 20
PROFILE SCALE : 1 mm = 0.000000002 nV/(A*m*m)

DATUM : 0 nV/(A*m*m)
LOOP : 4
LOOP SIZE: 1200 m * 1200 m
LOOP CURRENT: 6.2 A - 6.6 A
LOOP TURN OFF TIME: 222 - 260 micro s
OPERATORS : AL, SS, CS
STATION SEPARATION : 50 m
LOOP LOCATION - SURROUNDING GRID LINES

ELEVATION

CONTOUR INTERVALS (m)

100
500
1000

FIELD

PACIFIC COAST NICKEL CORP.

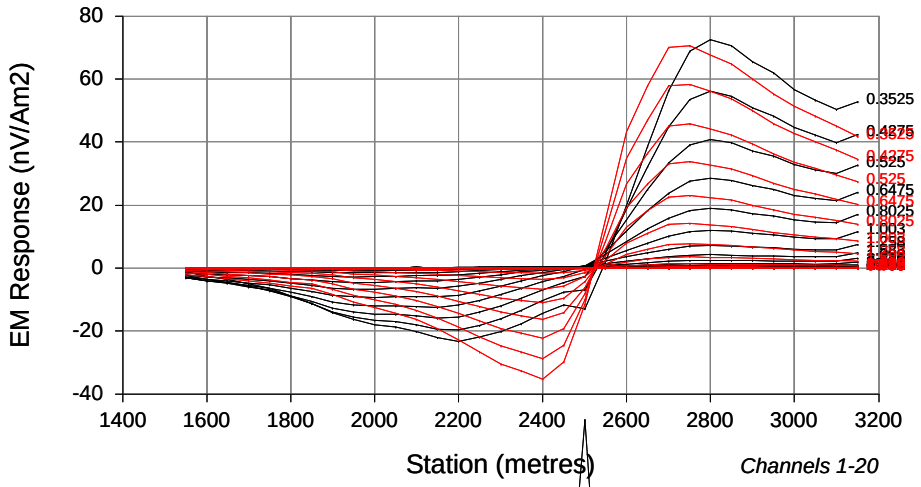
BURWASH PROTEM
LOOP 4
PROTEM, 3 Hz, NORMALIZED Z PROFILES, GATES 16 - 20

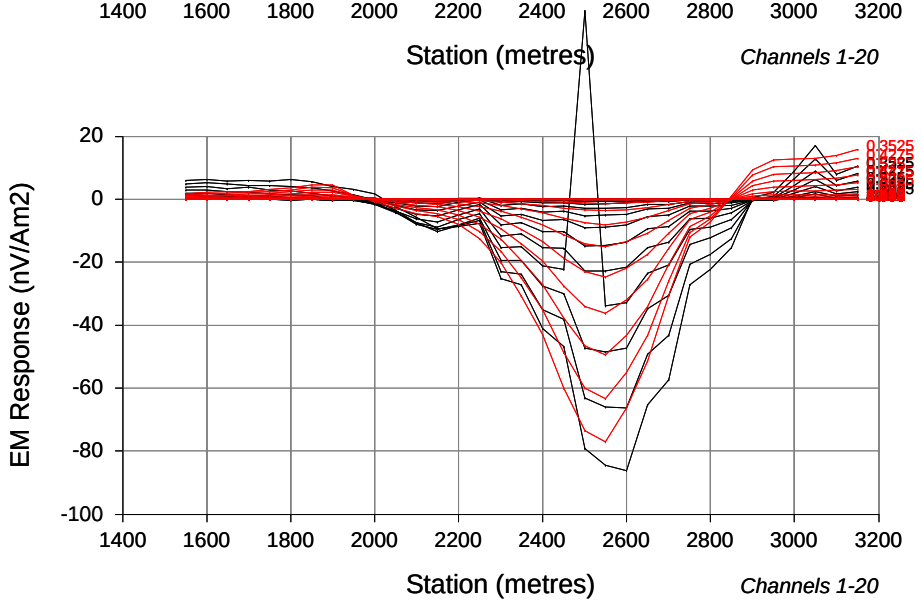
Job: NKL-10534-YT
Dates Surveyed: Aug 26 - 30, 2010
Datum: NAD83

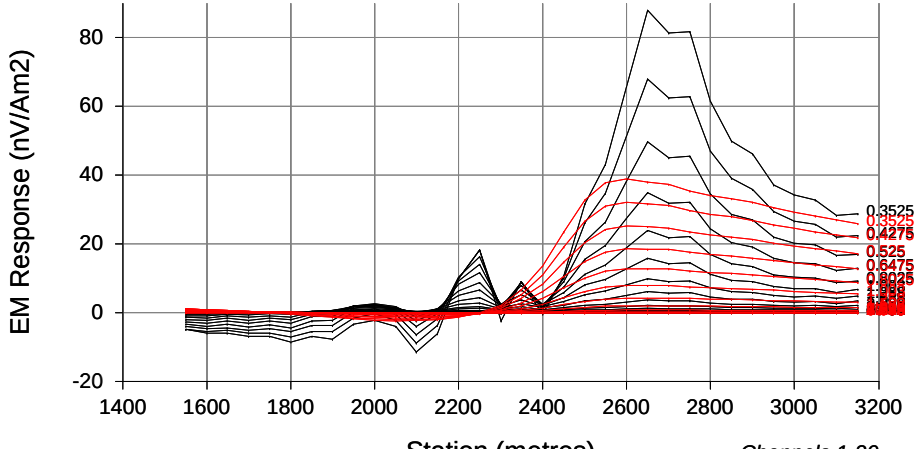
Minning District: Whitehorse
Map Created: October, 2010
Proj: UTM Zone 7N

AURORA GEOSCIENCES LTD.

APPENDIX IX
MODELLED EM REPONSES







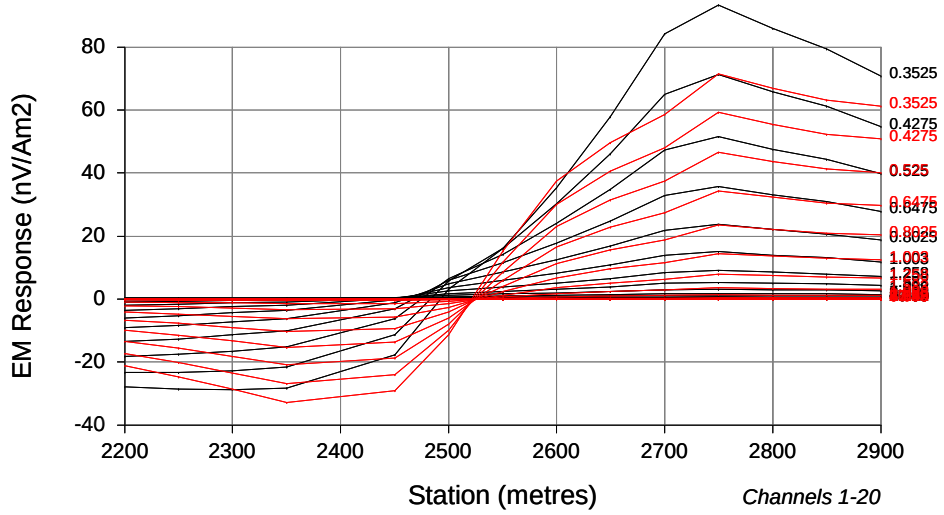
Burwash Property

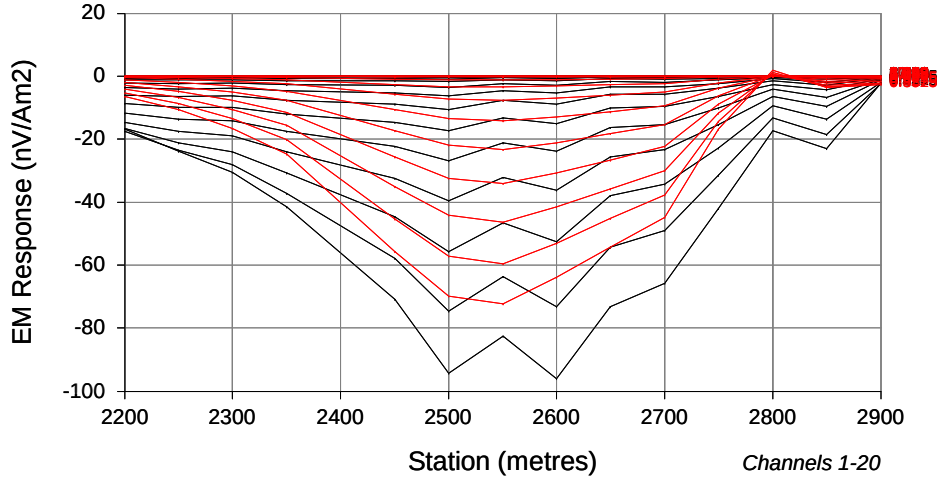
Loop 1 - TDEM Survey

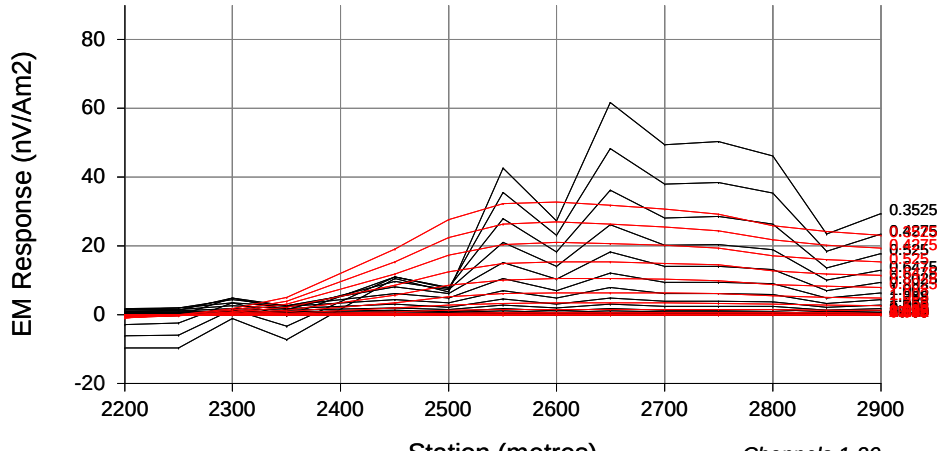
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 0 residual

Data from outside the loop







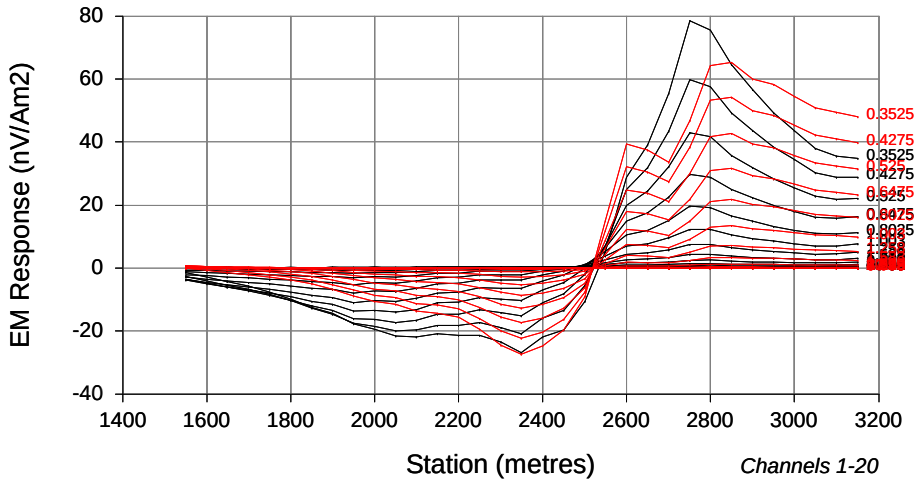
Burwash Property

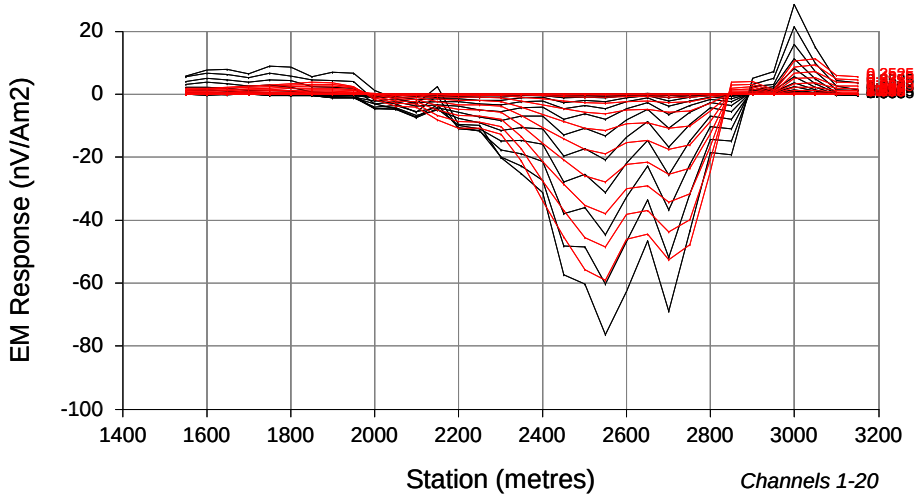
Loop 1 - TDEM Survey

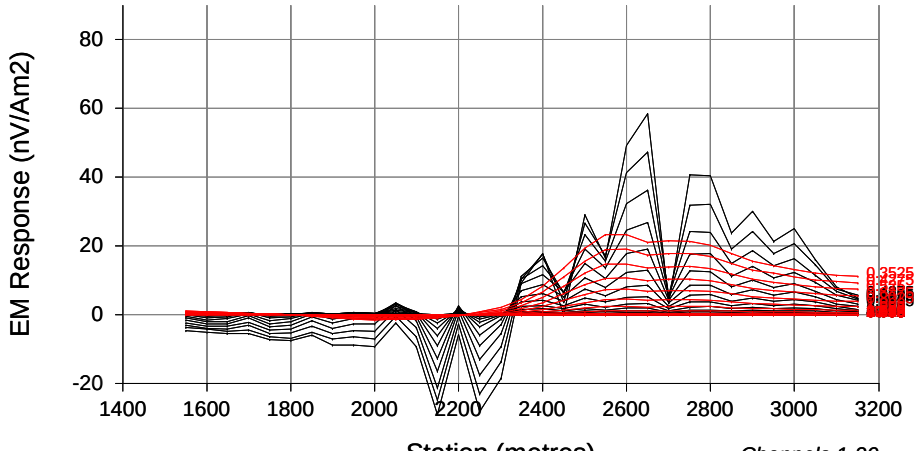
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 100 residual

Data from outside the loop







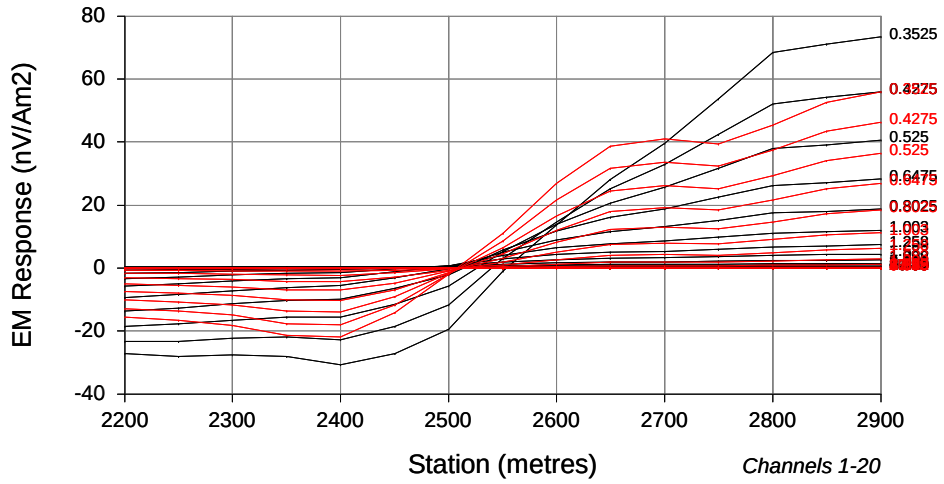
Burwash Property

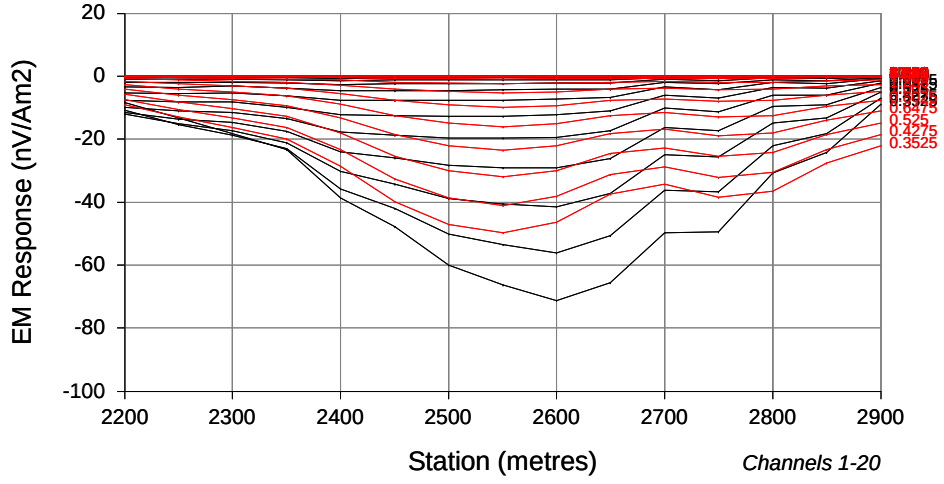
Loop 1 - TDEM Survey

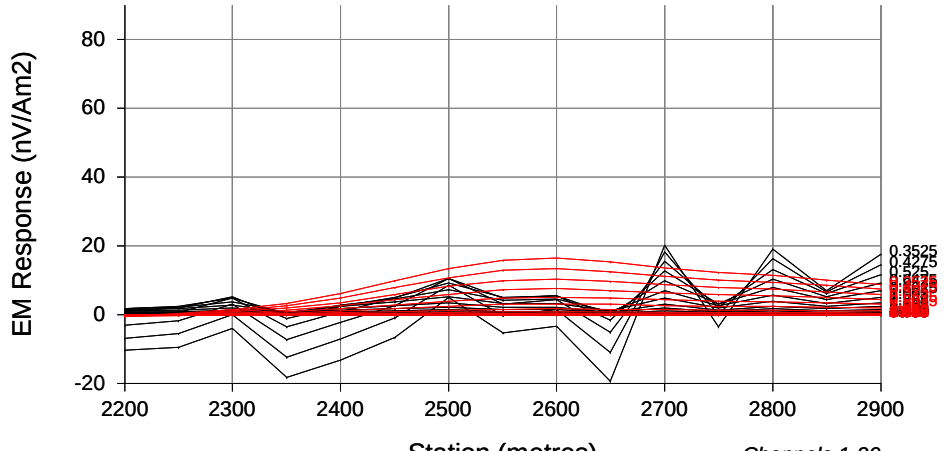
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 200 residual

Data from outside the loop







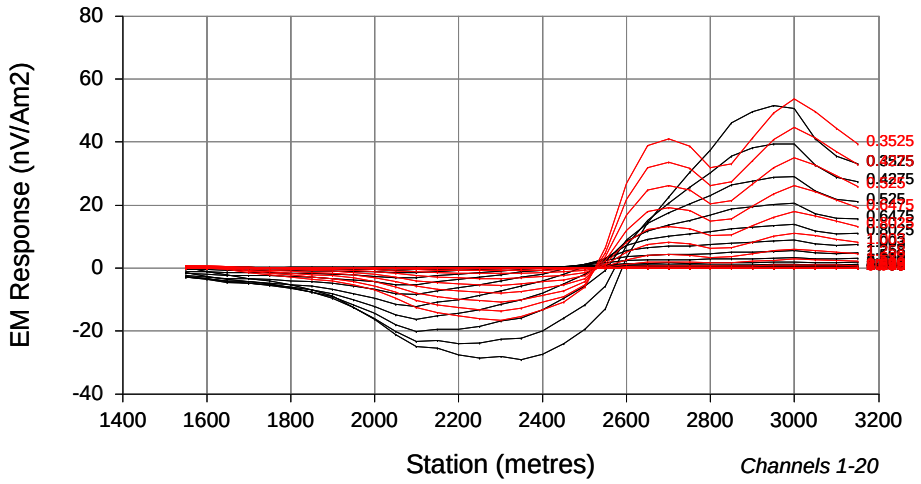
Burwash Property

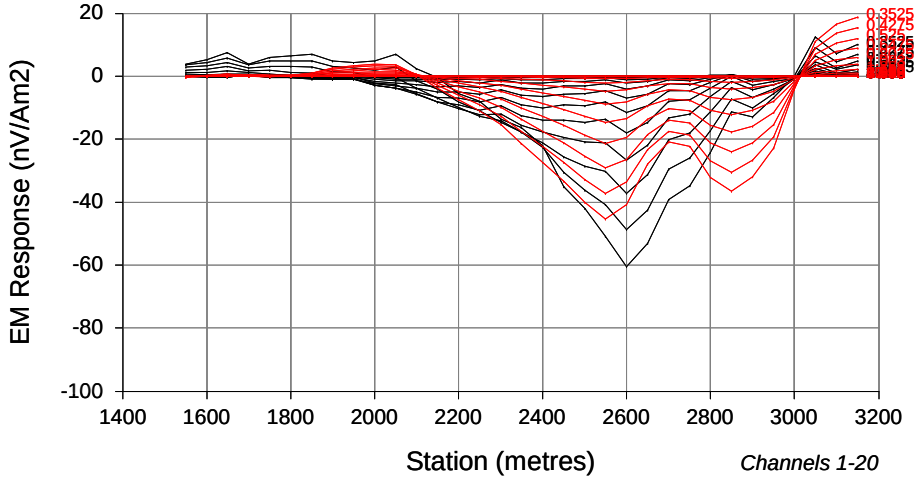
Loop 1 - TDEM Survey

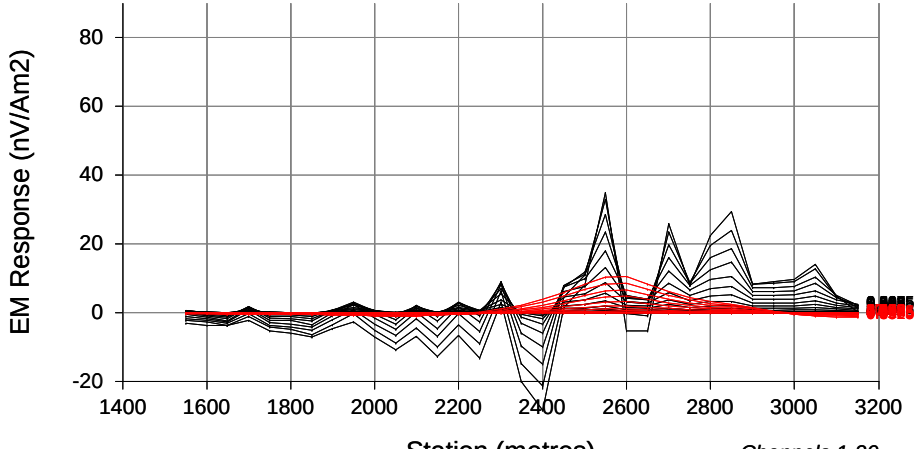
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 300 residual

Data from outside the loop







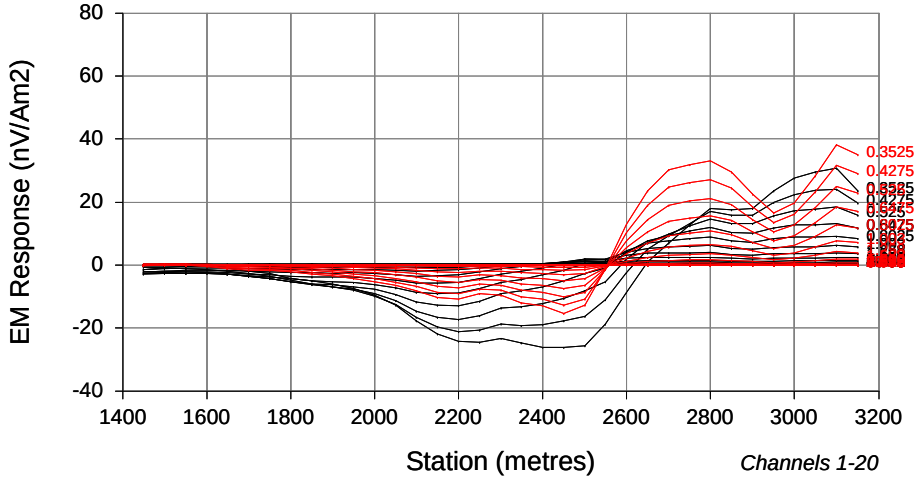
Burwash Property

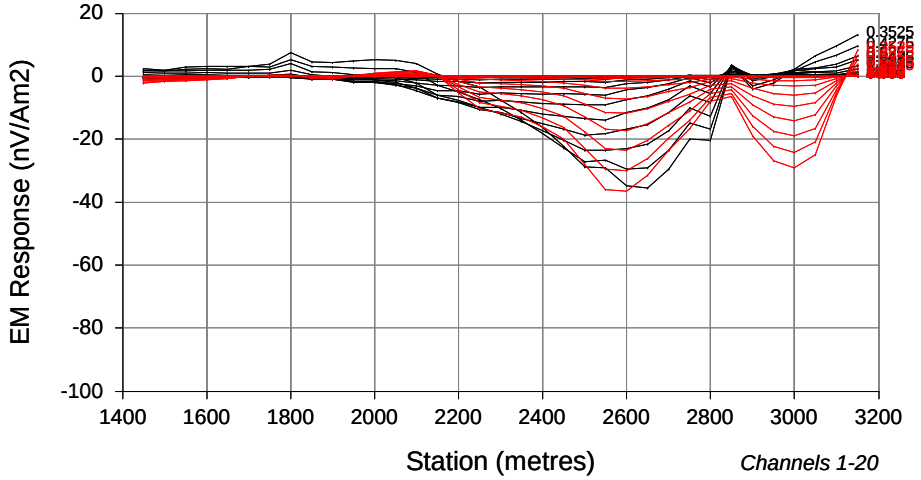
Loop 1 - TDEM Survey

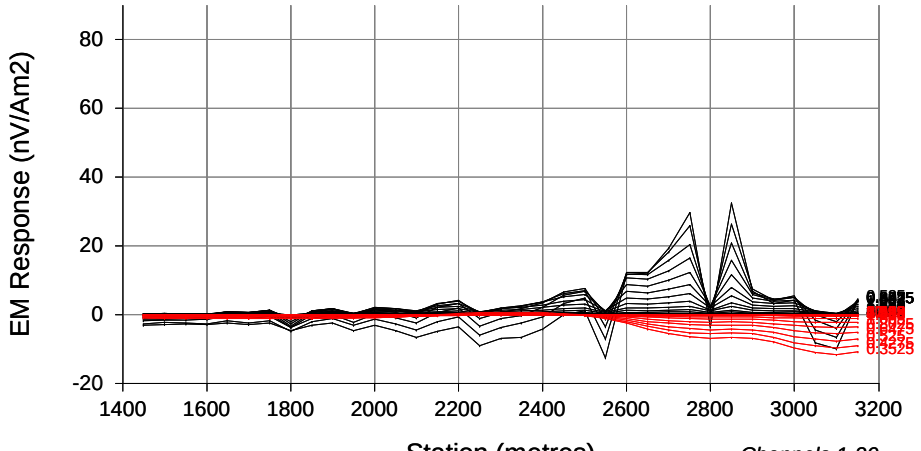
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 400 residual

Data from outside the loop







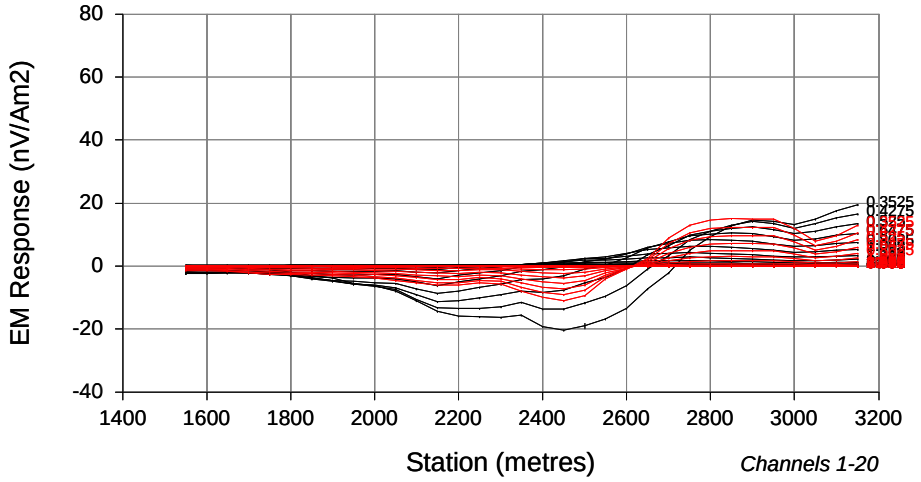
Burwash Property

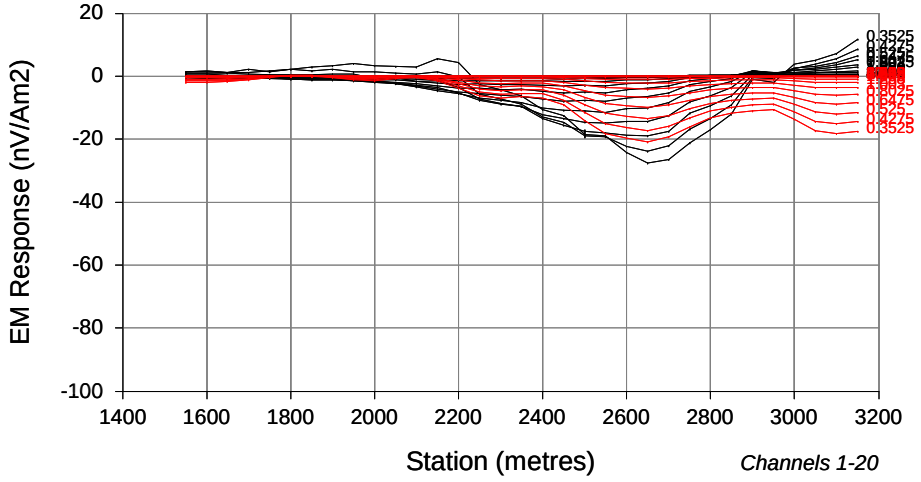
Loop 1 - TDEM Survey

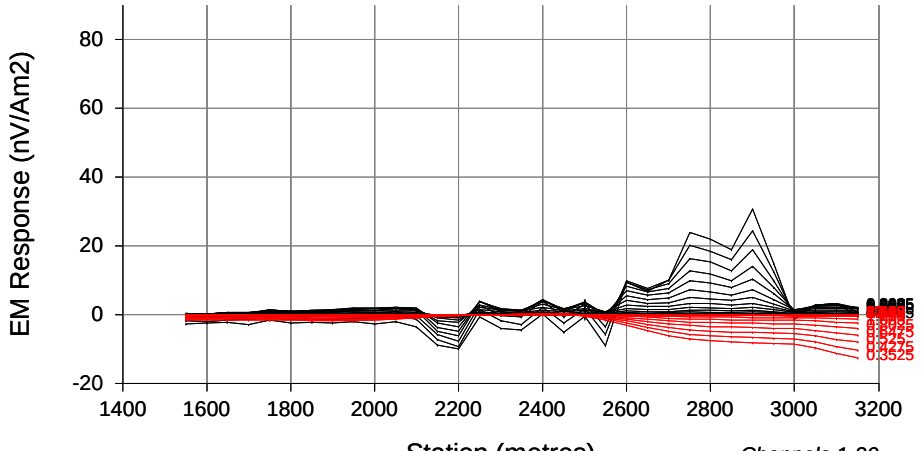
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 600 residual

Data from outside the loop







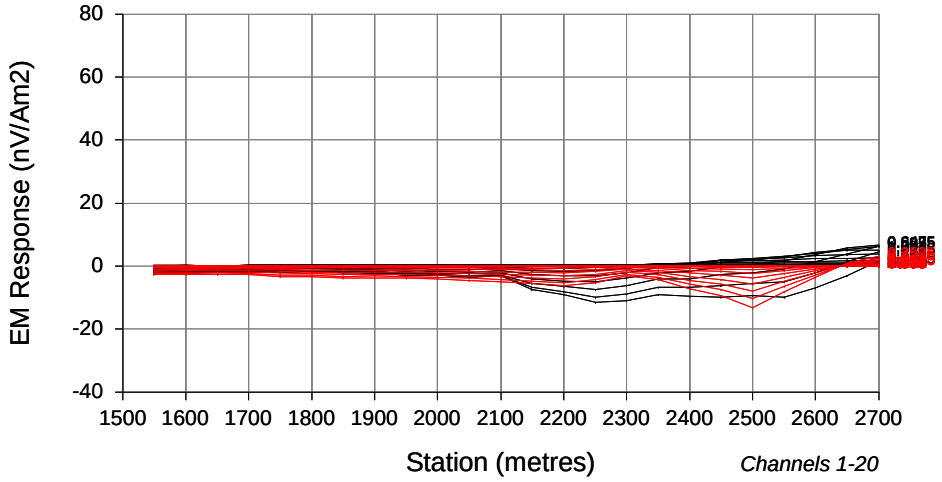
Burwash Property

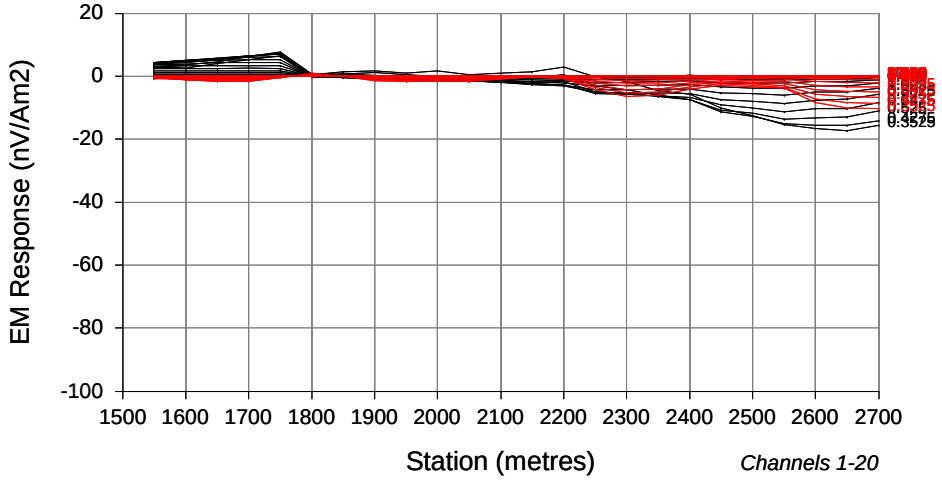
Loop 1 - TDEM Survey

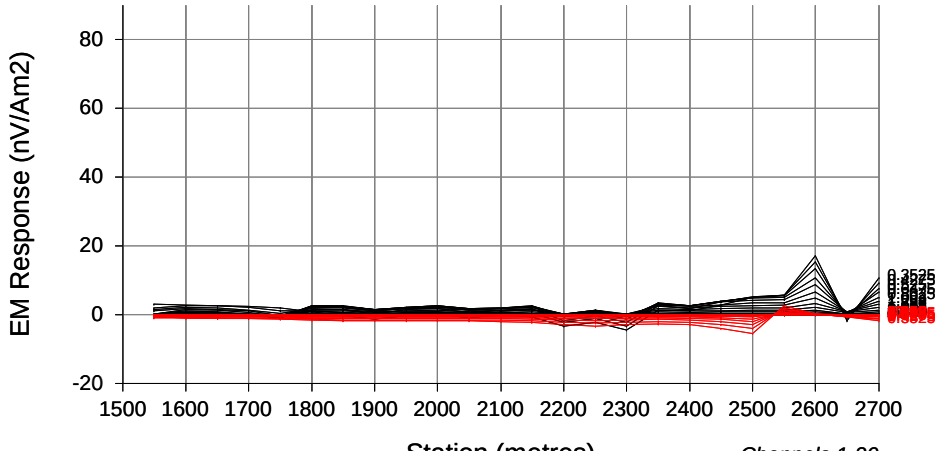
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 800 residual

Data from outside the loop







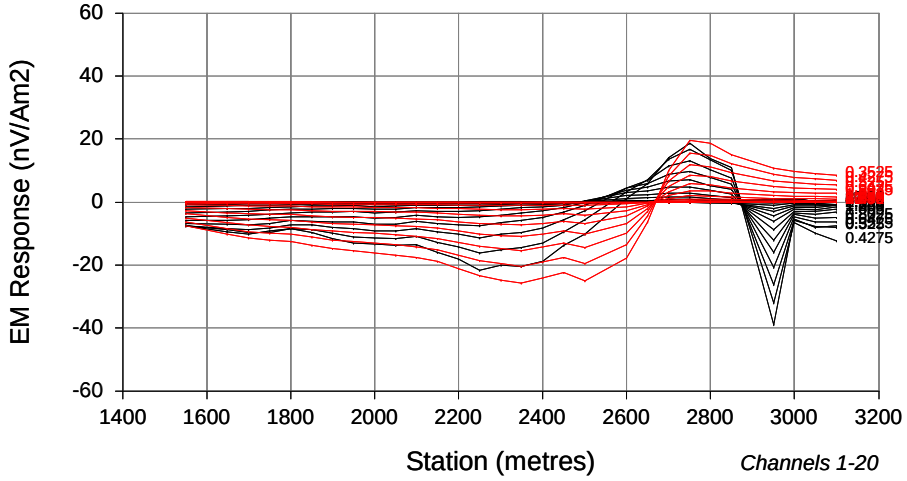
Burwash Property

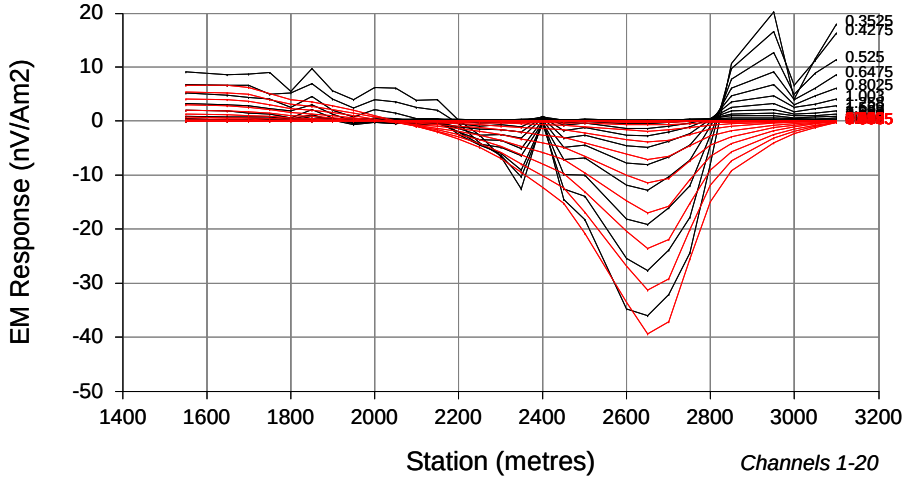
Loop 1 - TDEM Survey

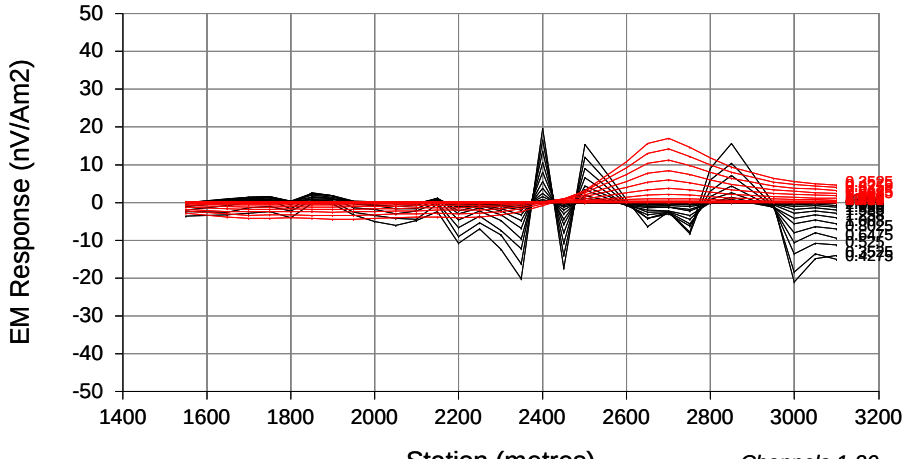
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 1000 residual

Data from outside the loop







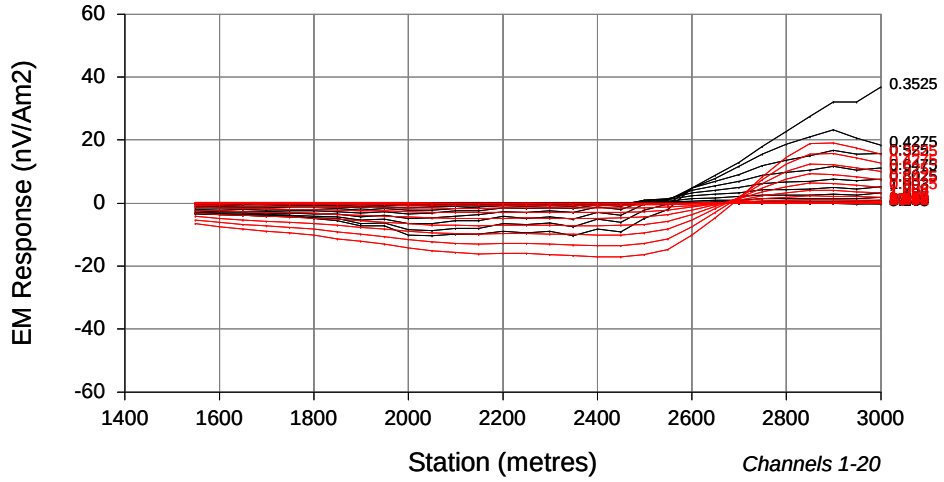
Burwash Property

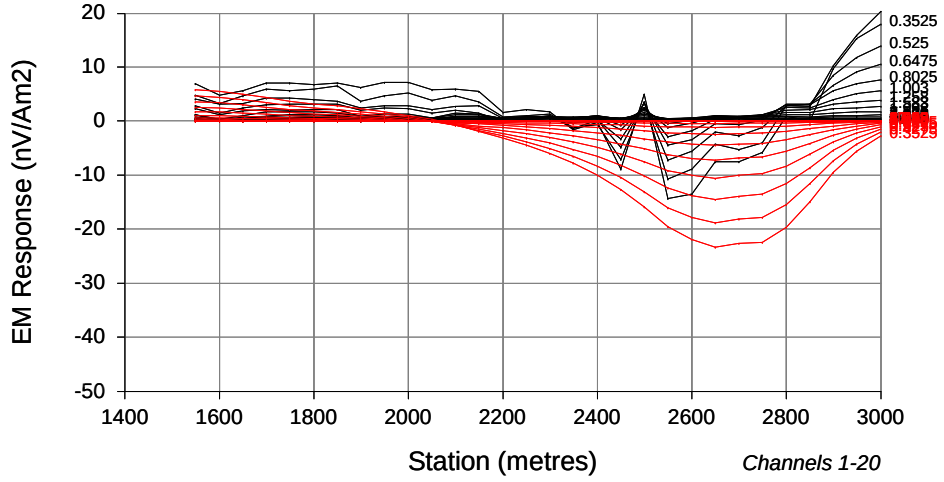
Loop 2 - TDEM Survey

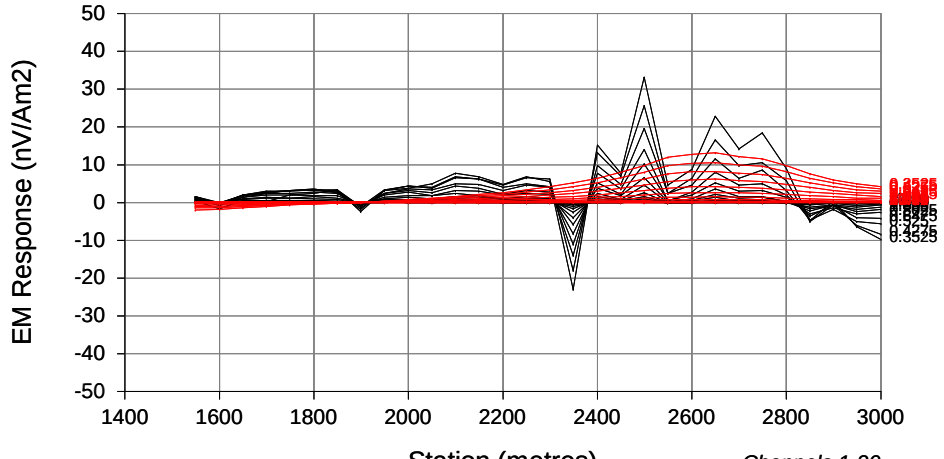
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1200 residual

Data from outside the loop







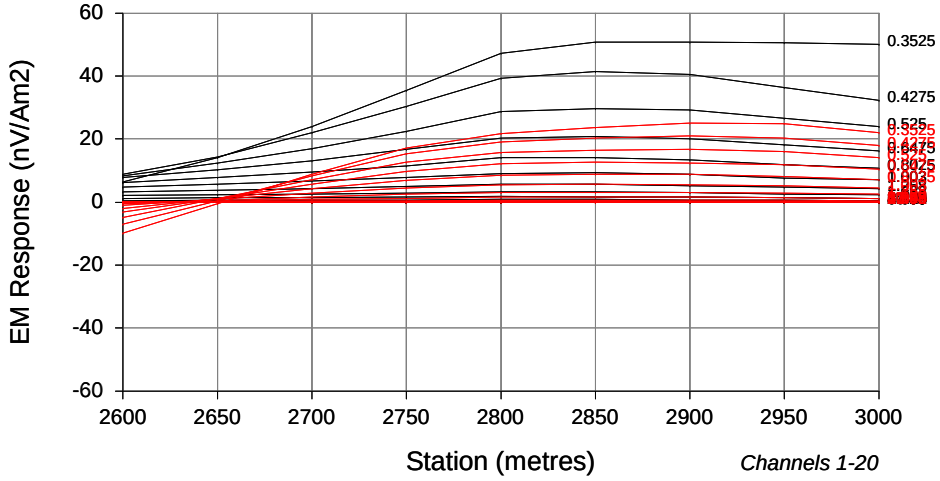
Burwash Property

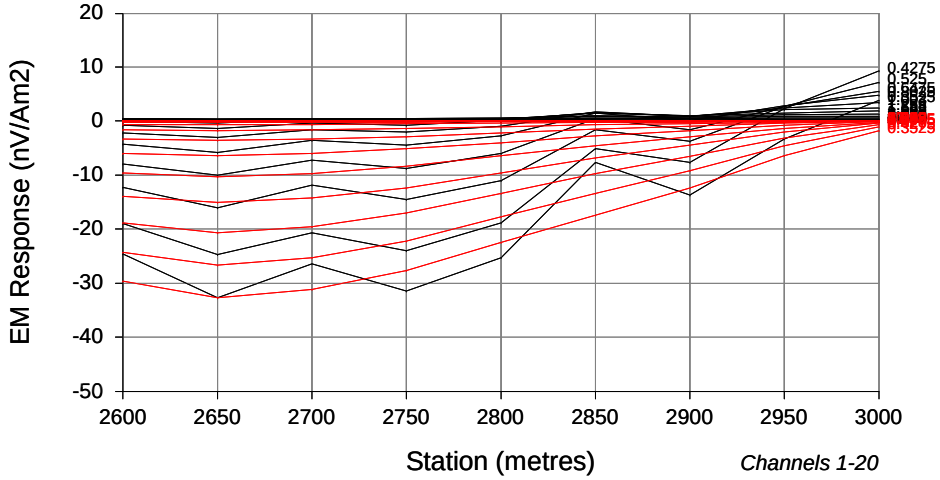
Loop 2 - TDEM Survey

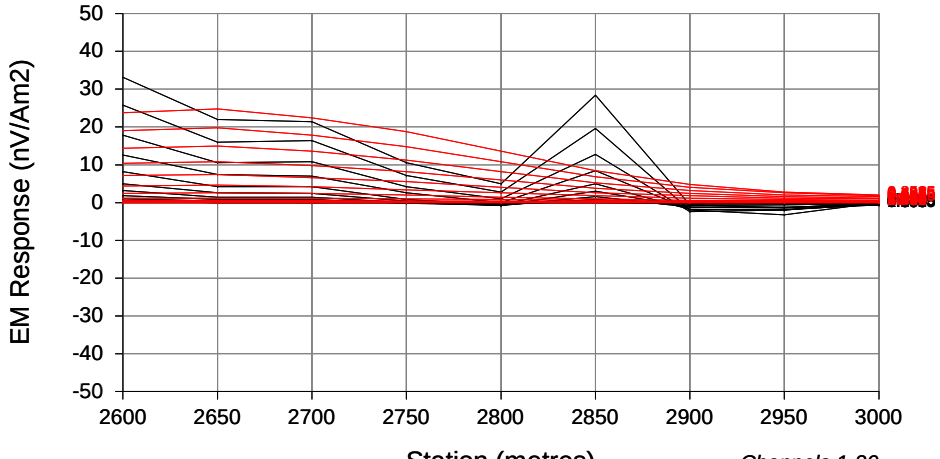
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1400 residual

Data from outside the loop







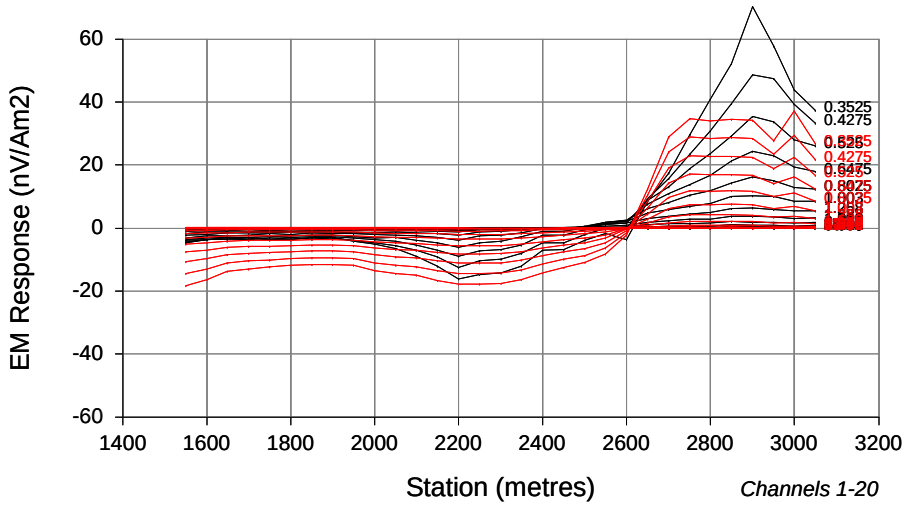
Burwash Property

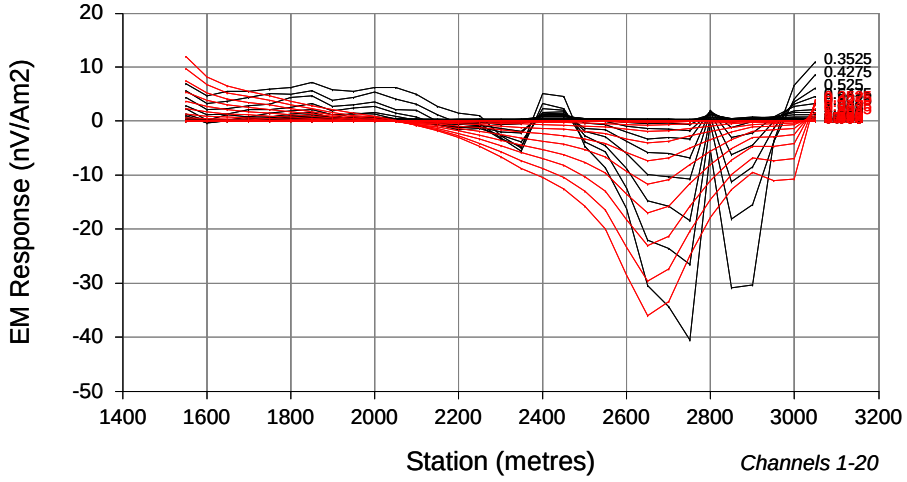
Loop 2 - TDEM Survey

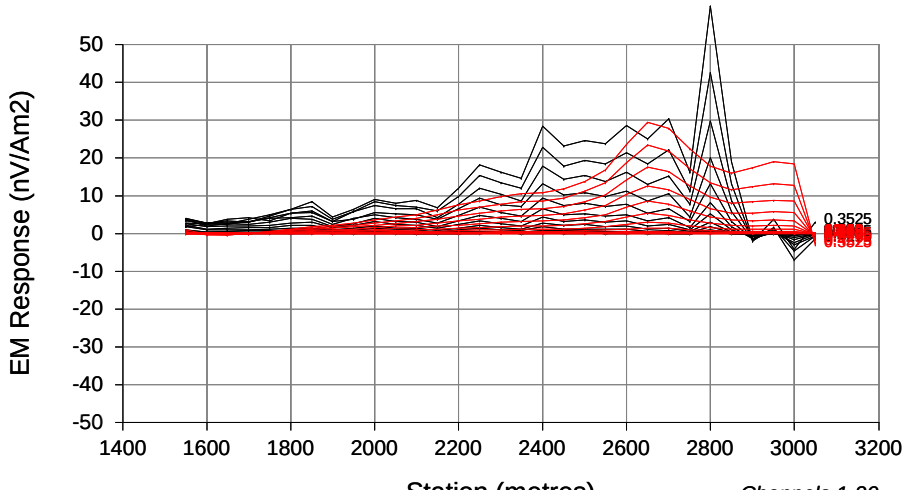
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1500 residual

Data from outside the loop







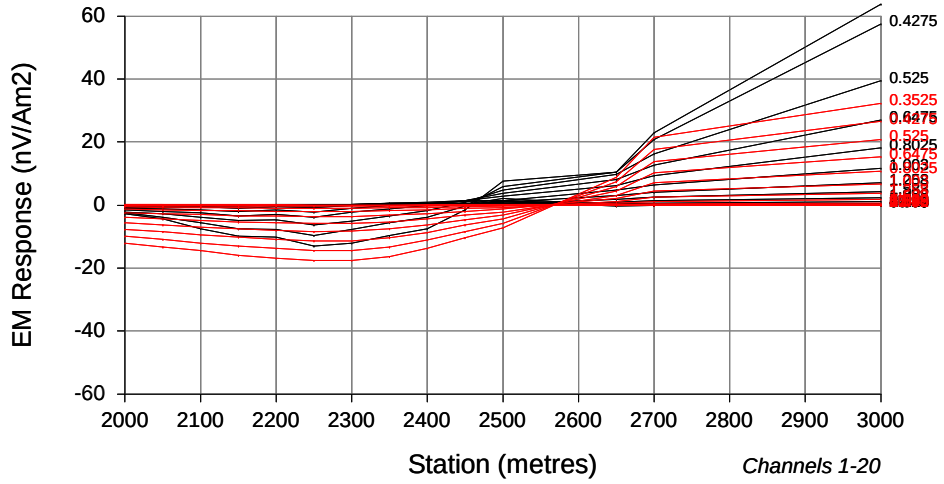
Burwash Property

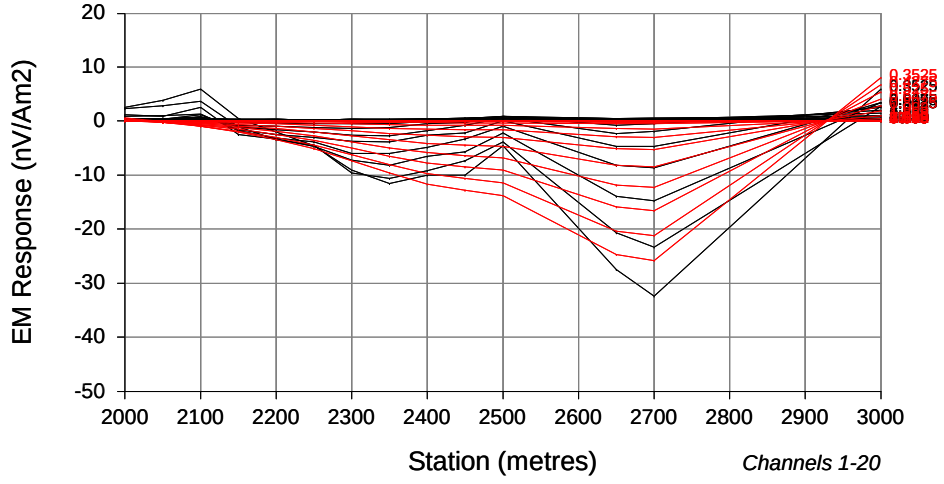
Loop 2 - TDEM Survey

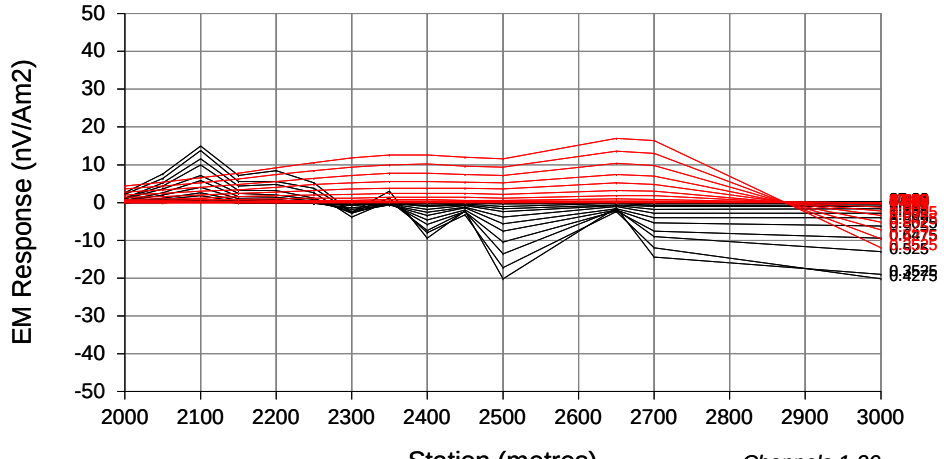
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1600 residual

Data from outside the loop







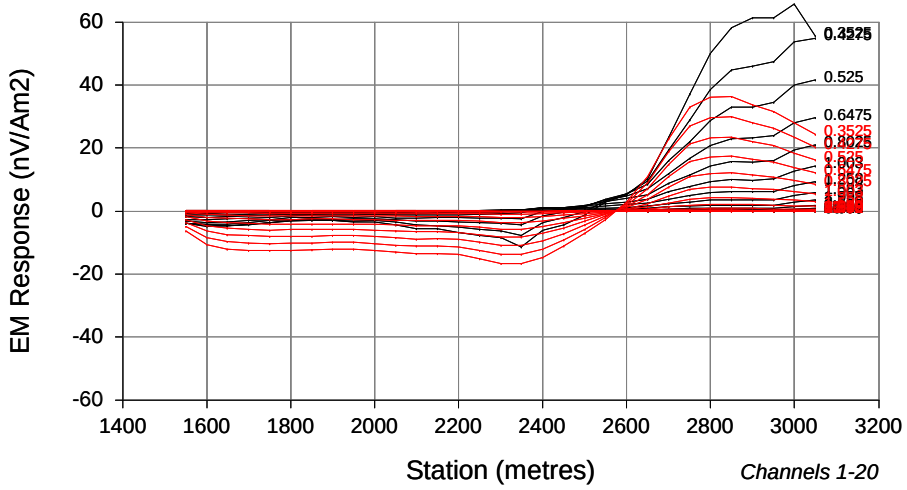
Burwash Property

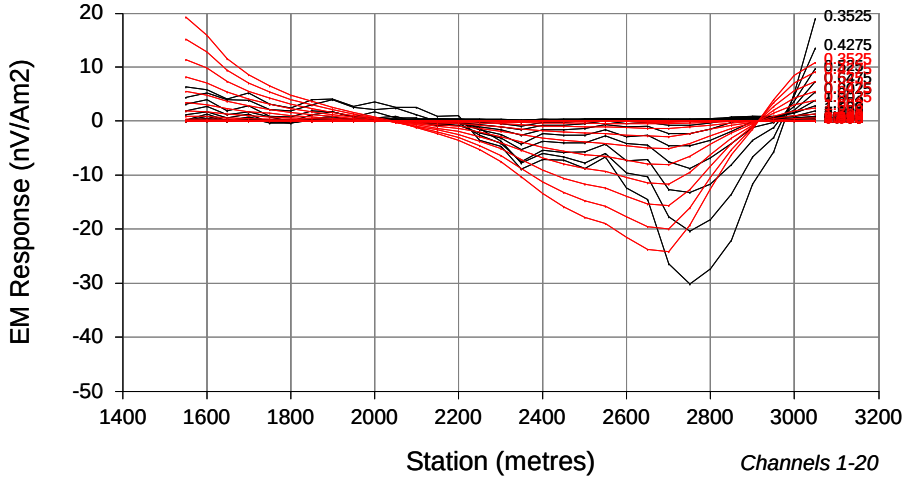
Loop 2 - TDEM Survey

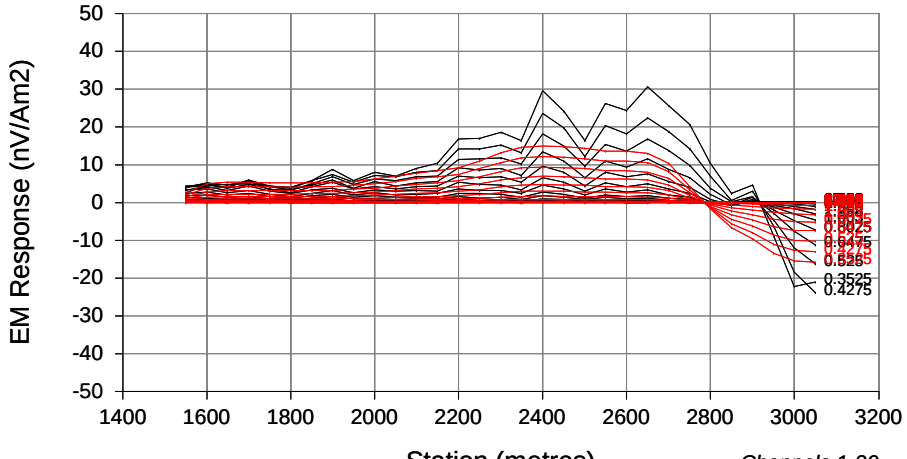
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1700 residual

Data from outside the loop







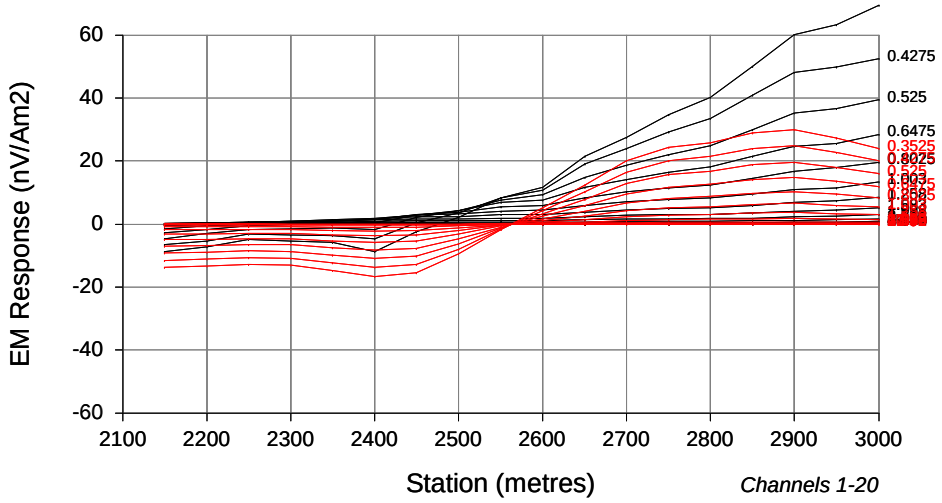
Burwash Property

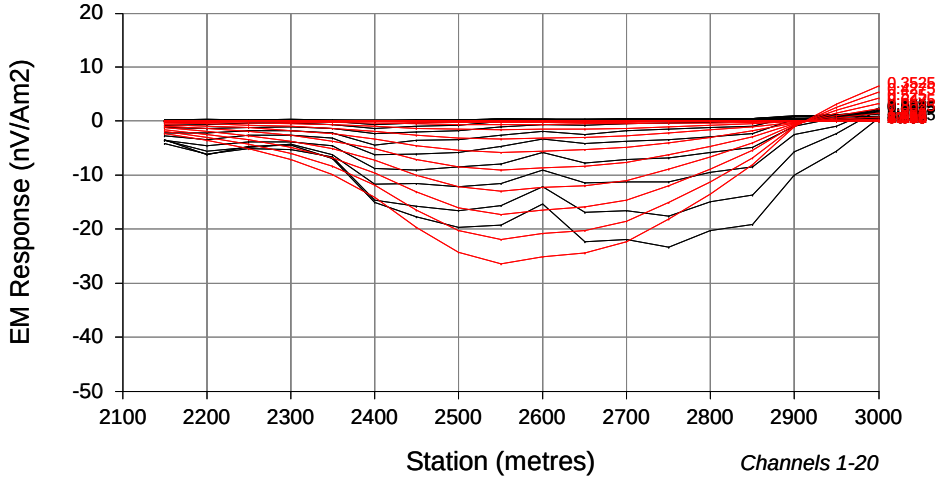
Loop 2 - TDEM Survey

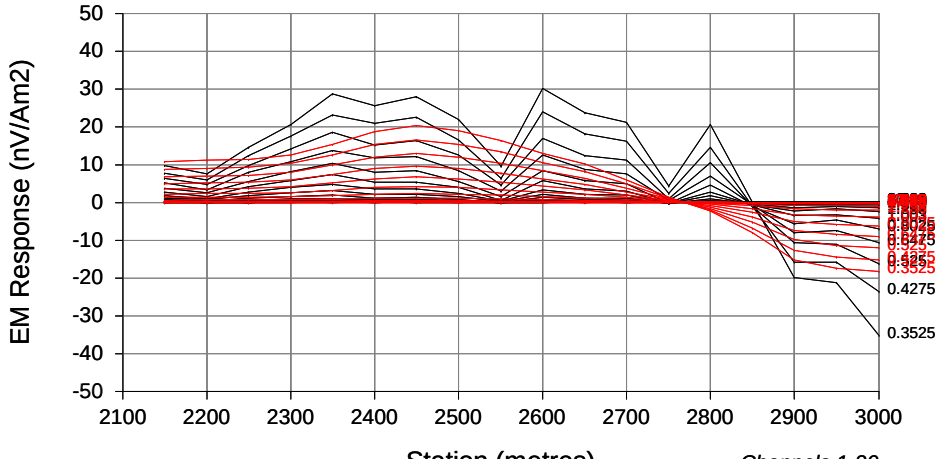
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1800 residual

Data from outside the loop







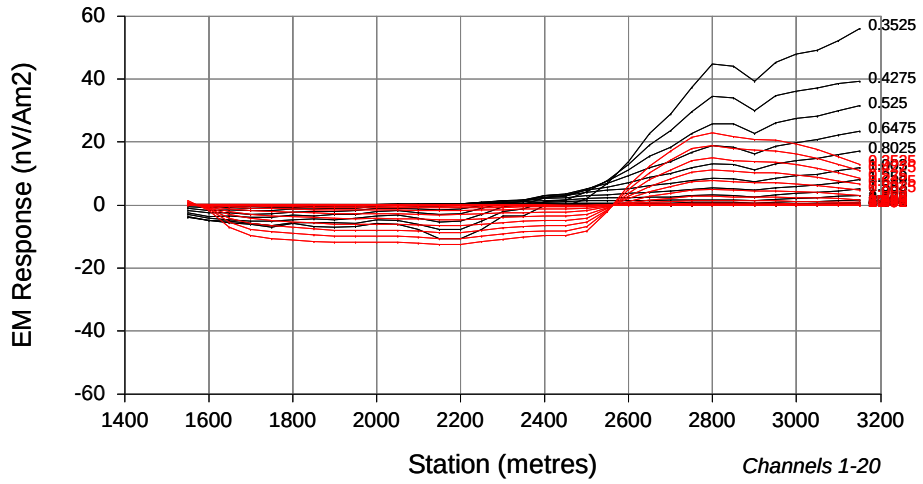
Burwash Property

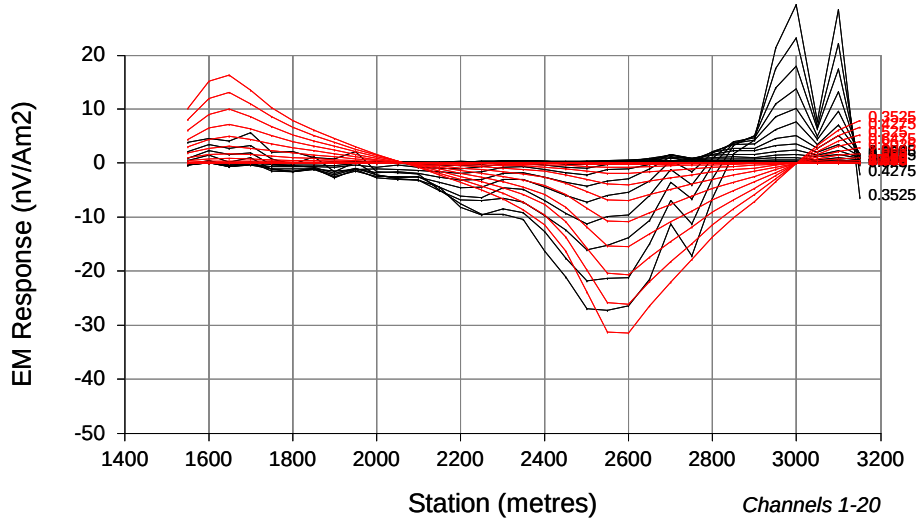
Loop 2 - TDEM Survey

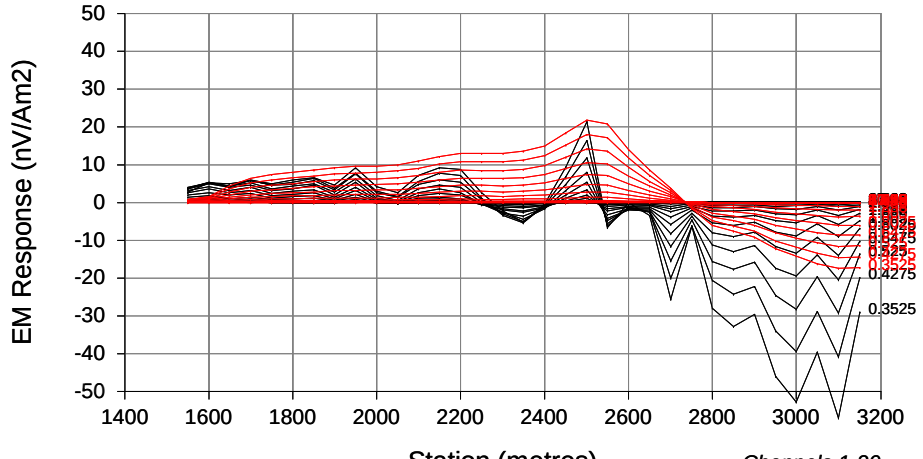
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1900 residual

Data from outside the loop







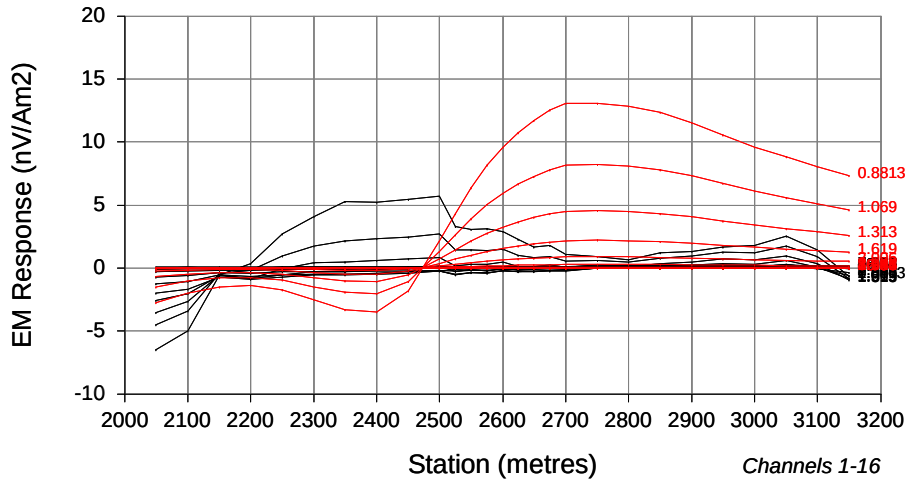
Burwash Property

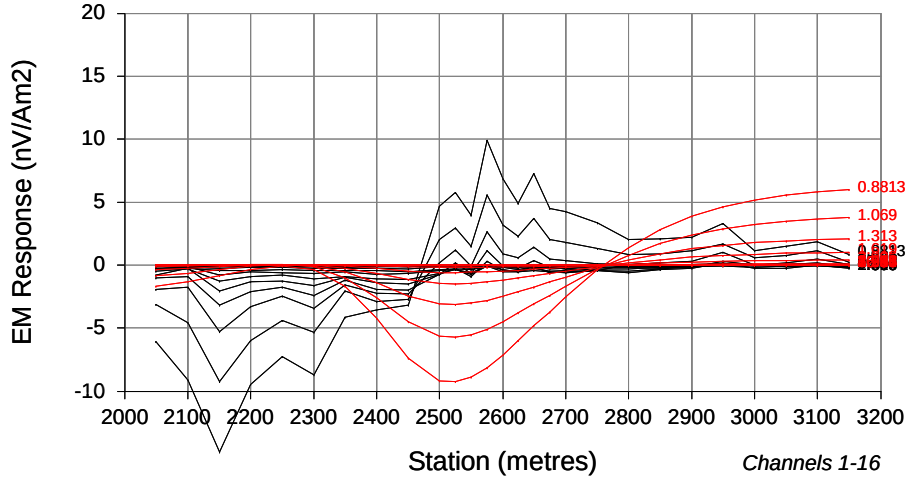
Loop 2 - TDEM Survey

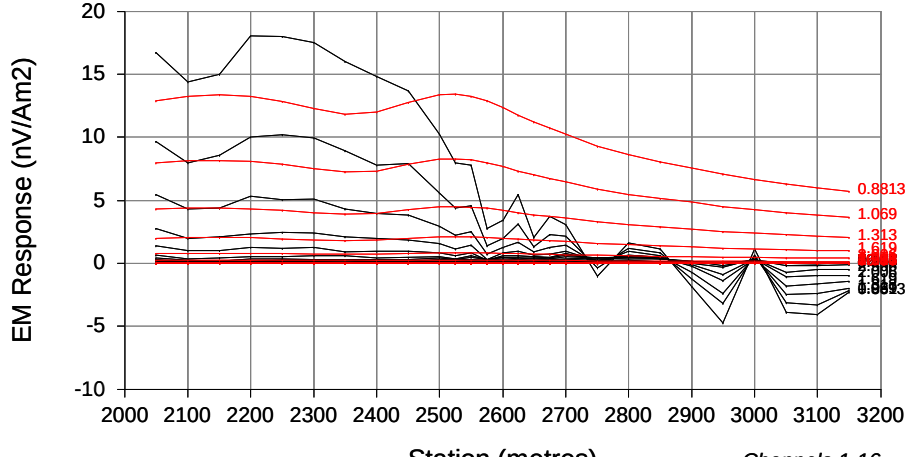
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 2000 residual

Data from outside the loop







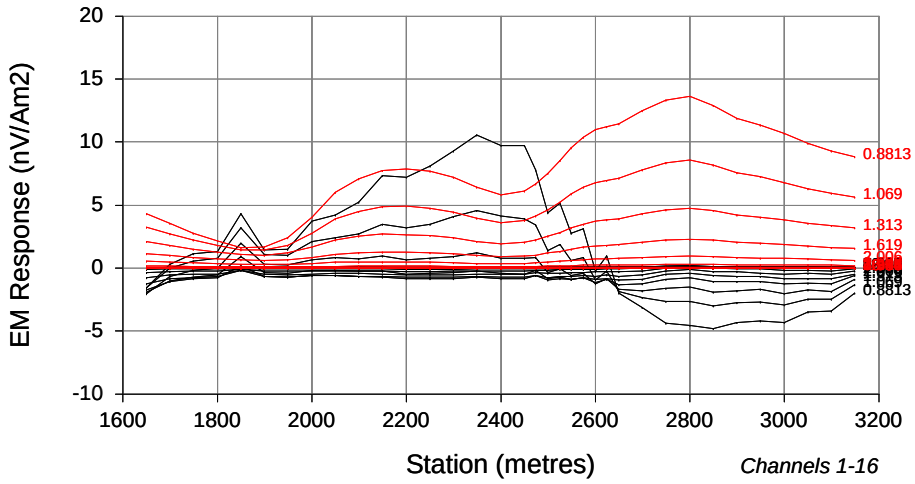
Burwash Property

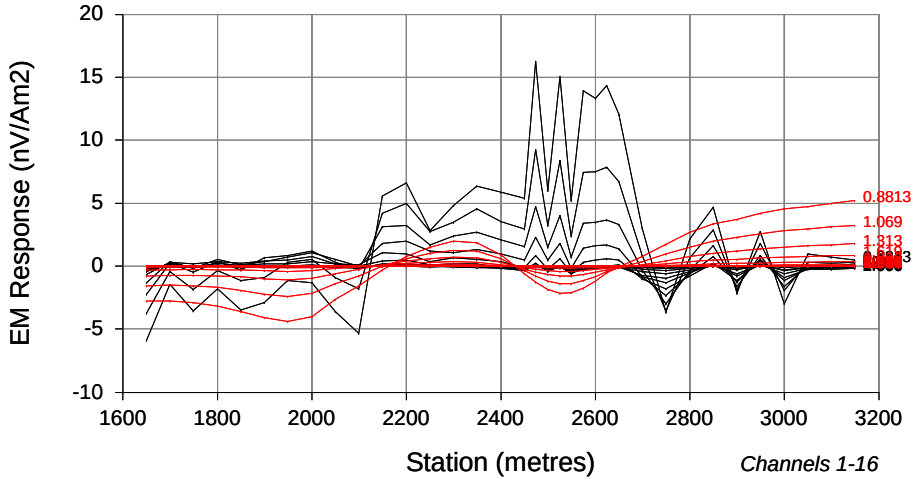
Loop 3 - TDEM Survey

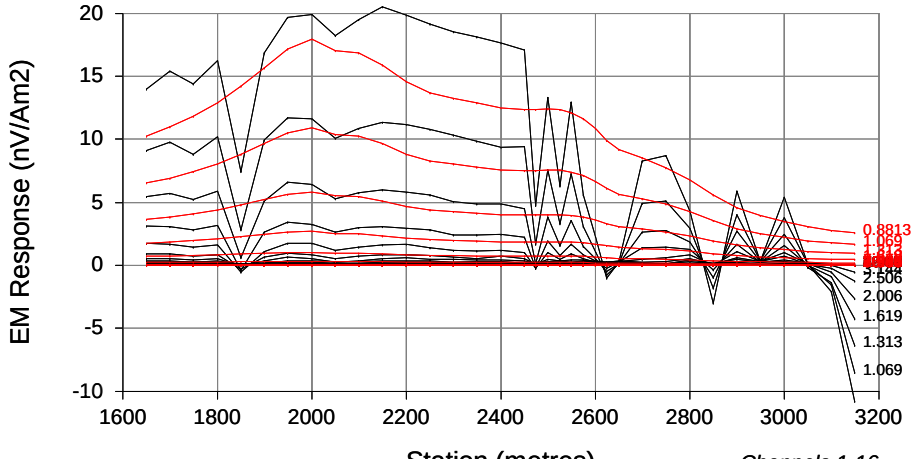
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 0 residual

Data from inside the loop







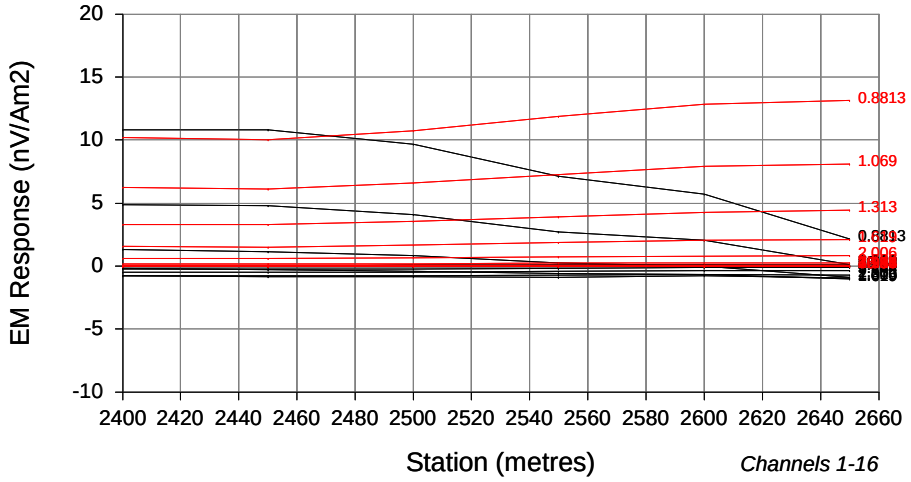
Burwash Property

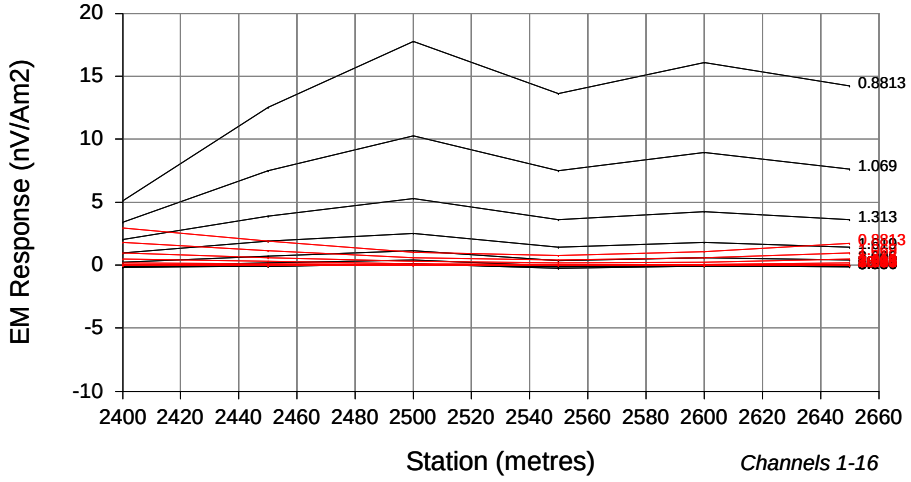
Loop 3 - TDEM Survey

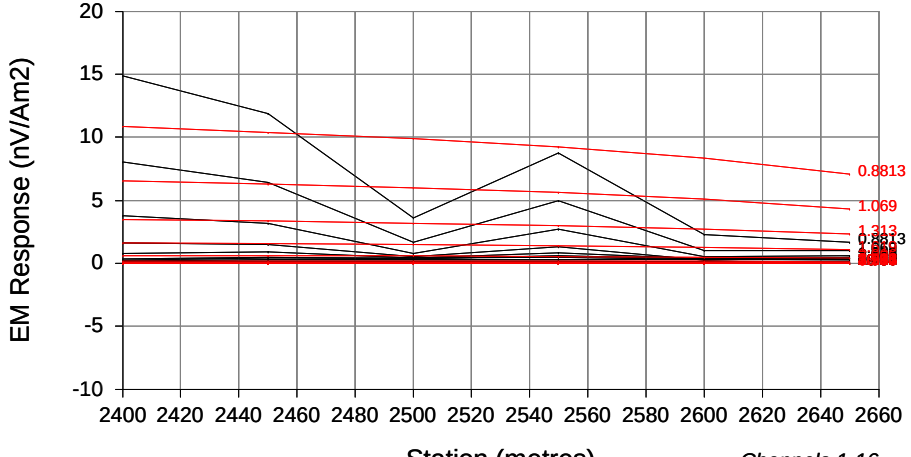
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 200 residual

Data from inside the loop







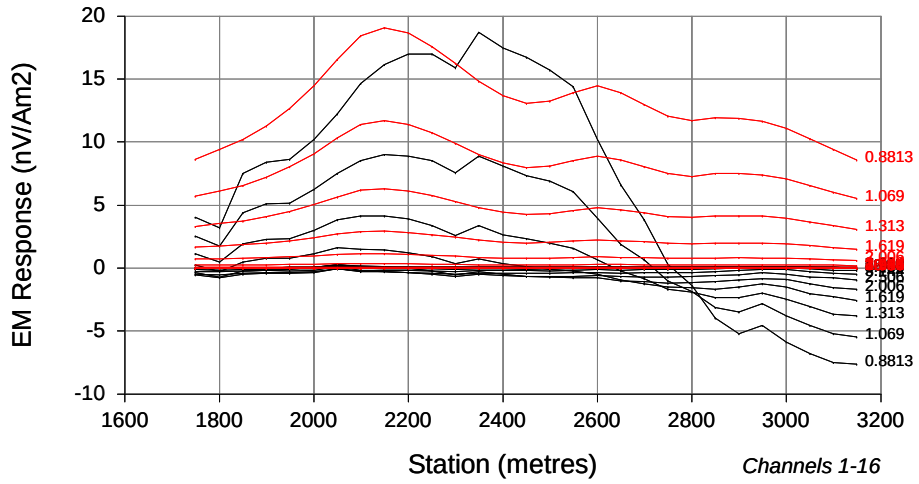
Burwash Property

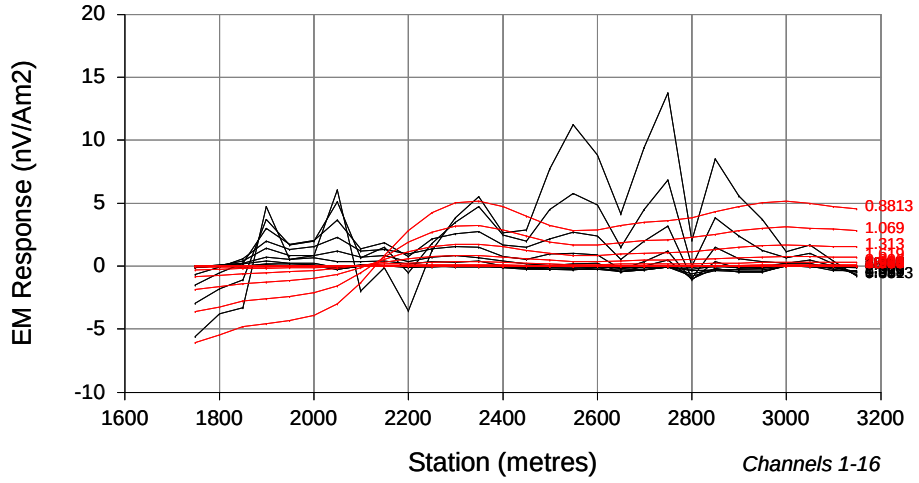
Loop 3 - TDEM Survey

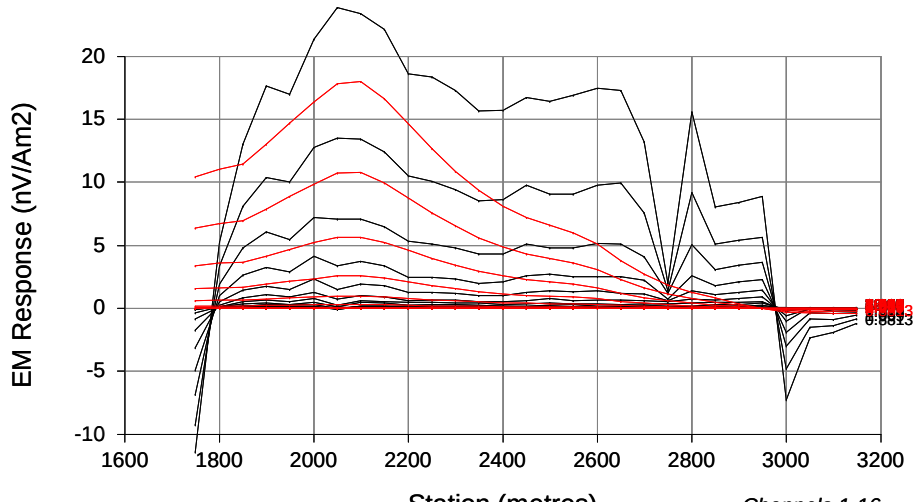
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 300 residual

Data from inside the loop







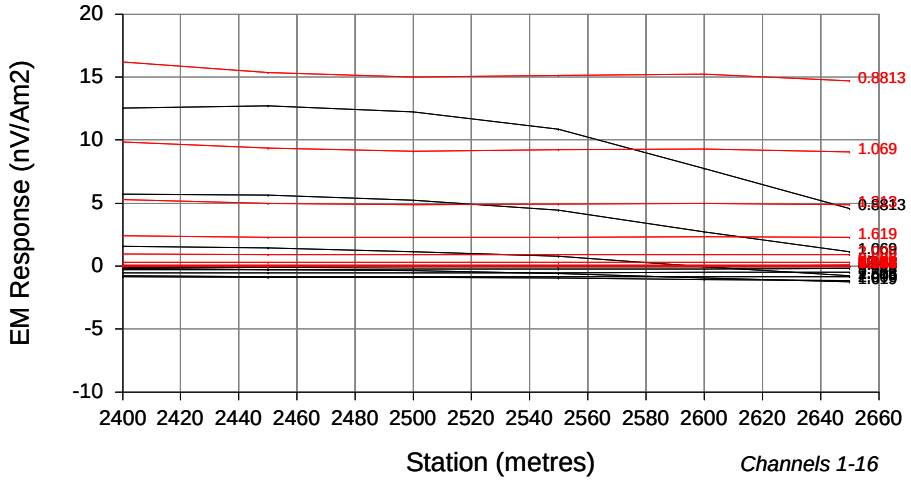
Burwash Property

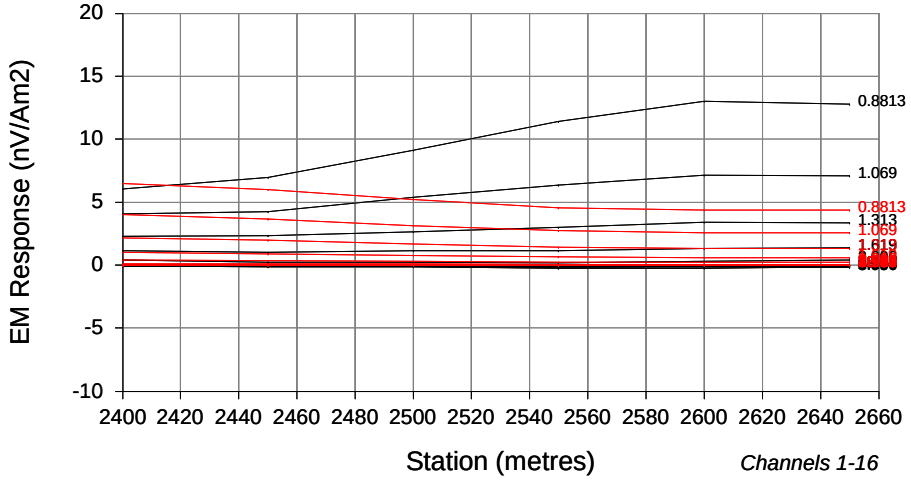
Loop 3 - TDEM Survey

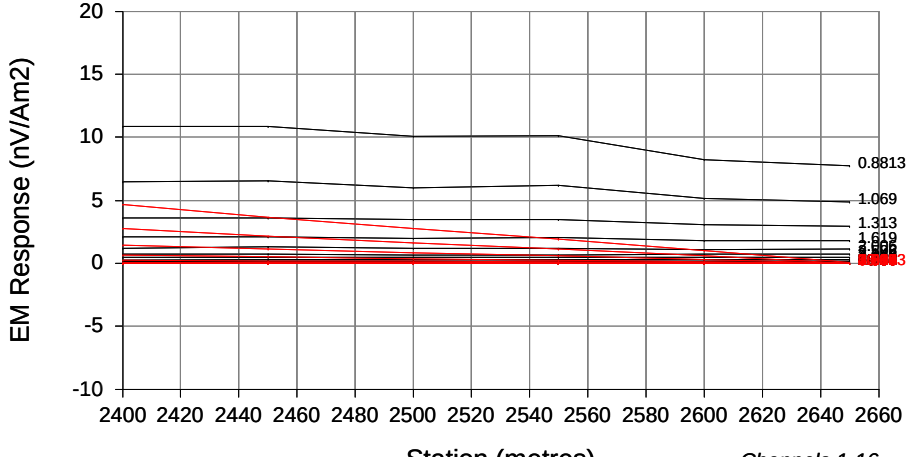
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 400 residual

Data from inside the loop







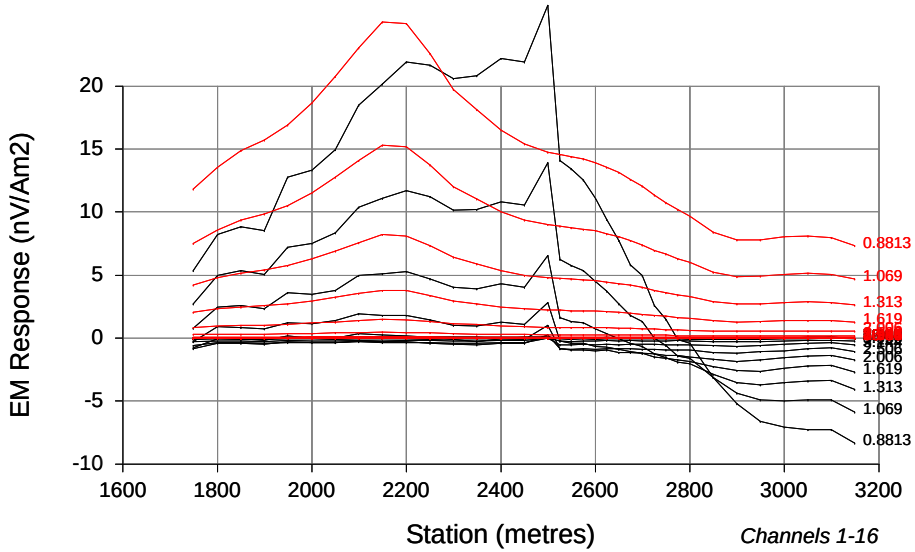
Burwash Property

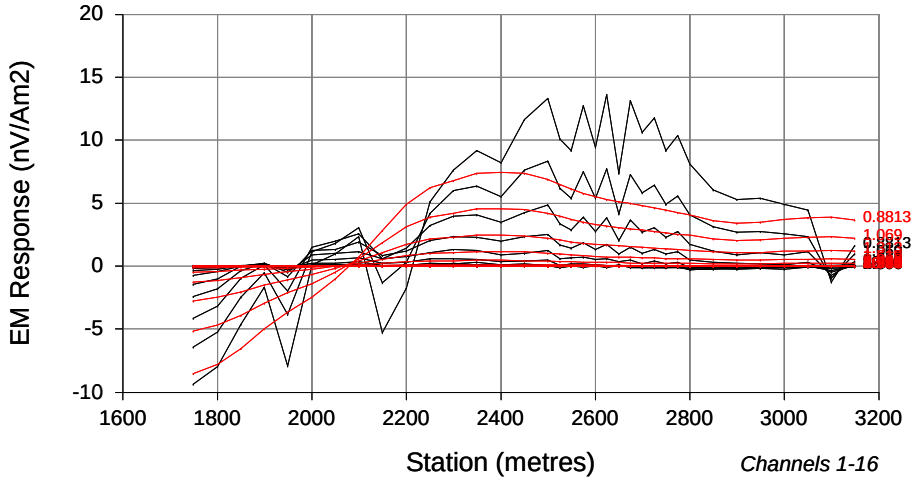
Loop 3 - TDEM Survey

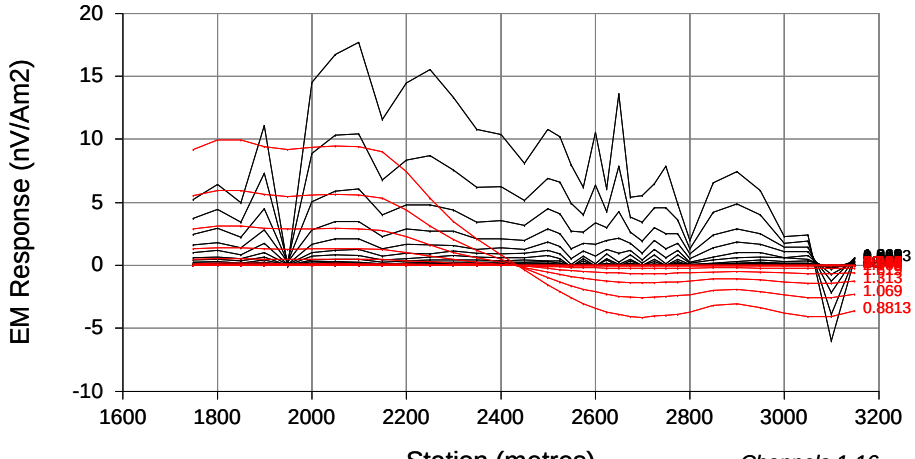
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 500 residual

Data from inside the loop







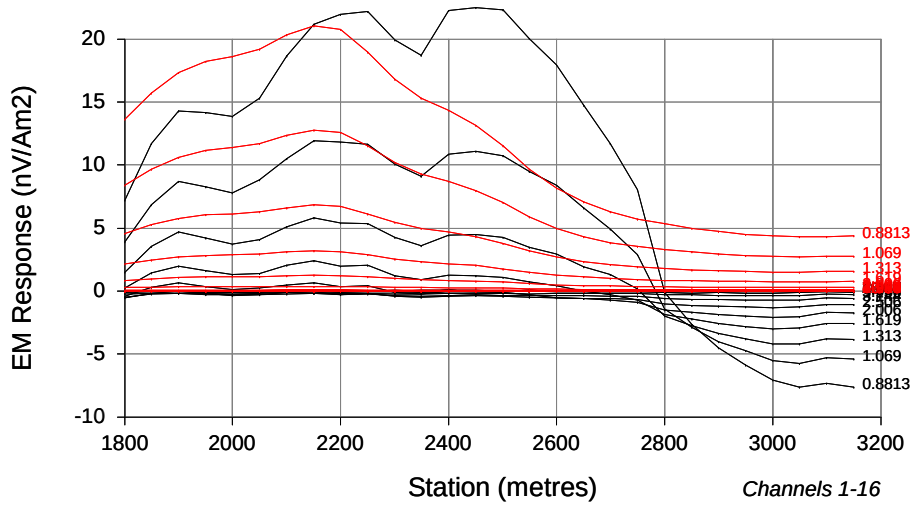
Burwash Property

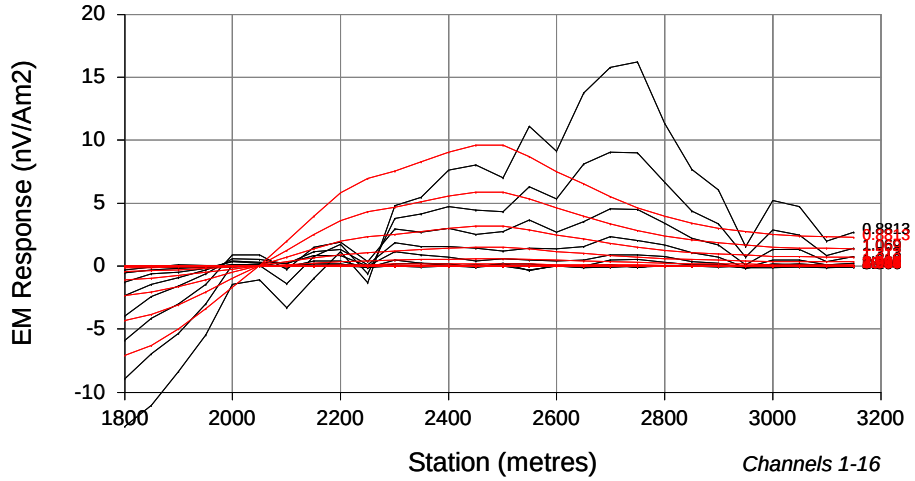
Loop 3 - TDEM Survey

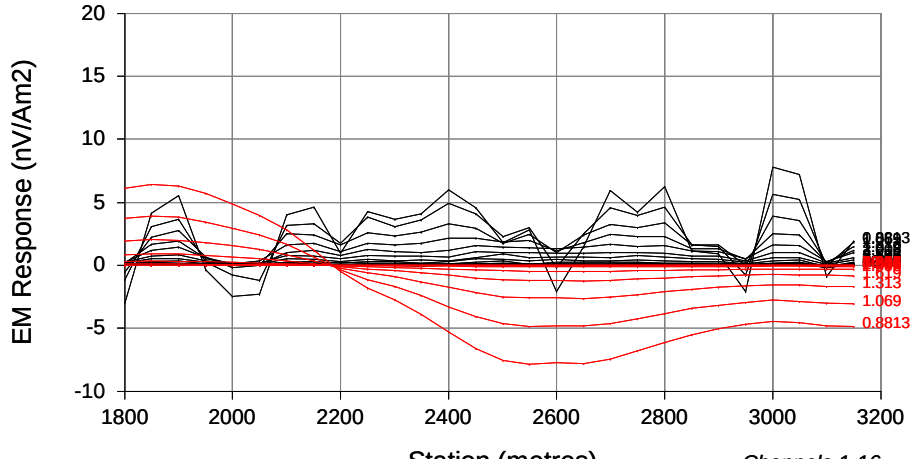
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 600 residual

Data from inside the loop







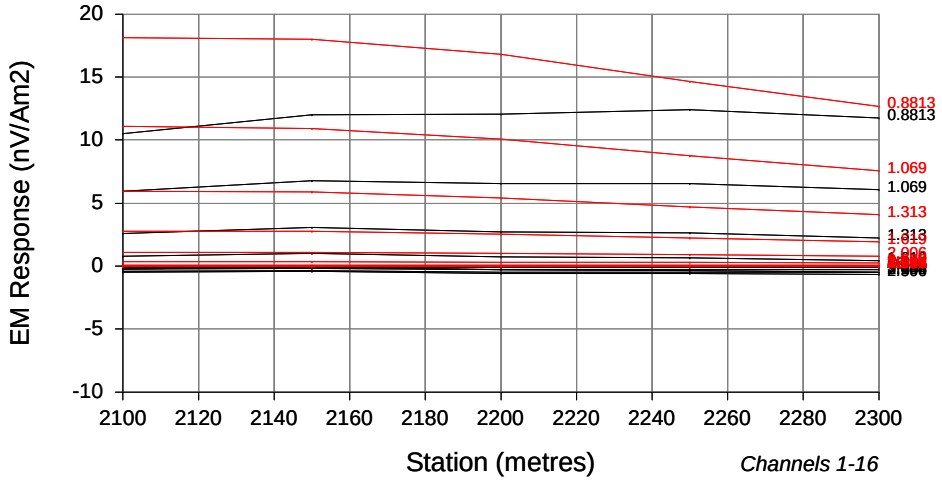
Burwash Property

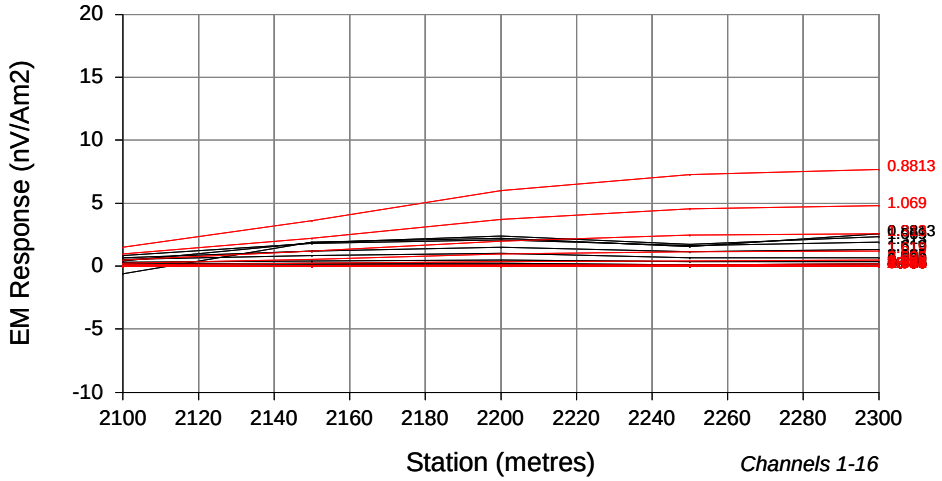
Loop 3 - TDEM Survey

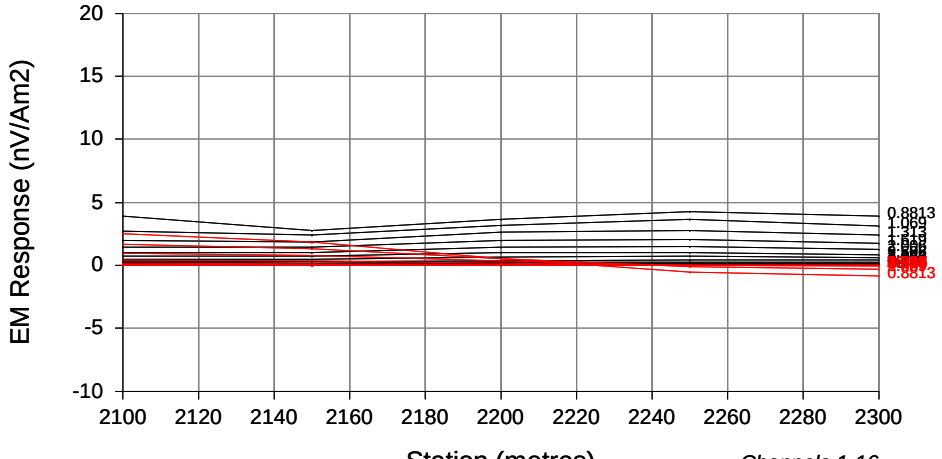
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 800 residual

Data from inside the loop







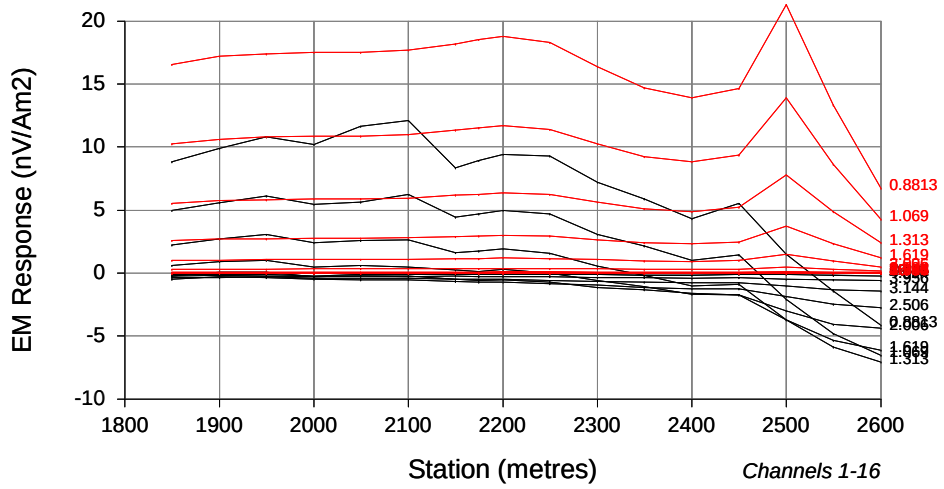
Burwash Property

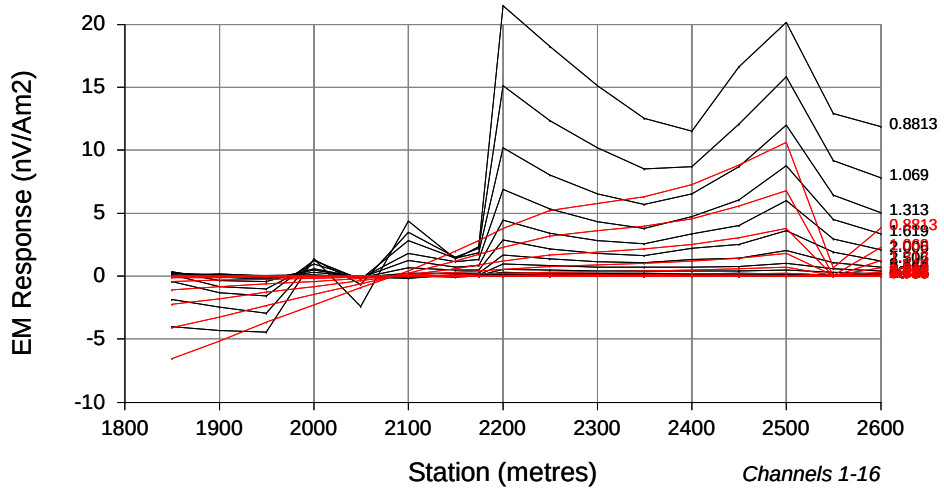
Loop 3 - TDEM Survey

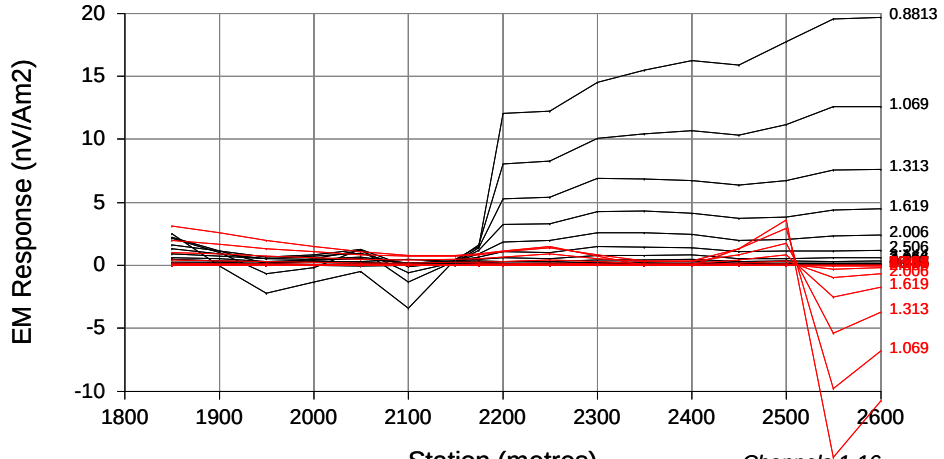
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 900 residual

Data from inside the loop







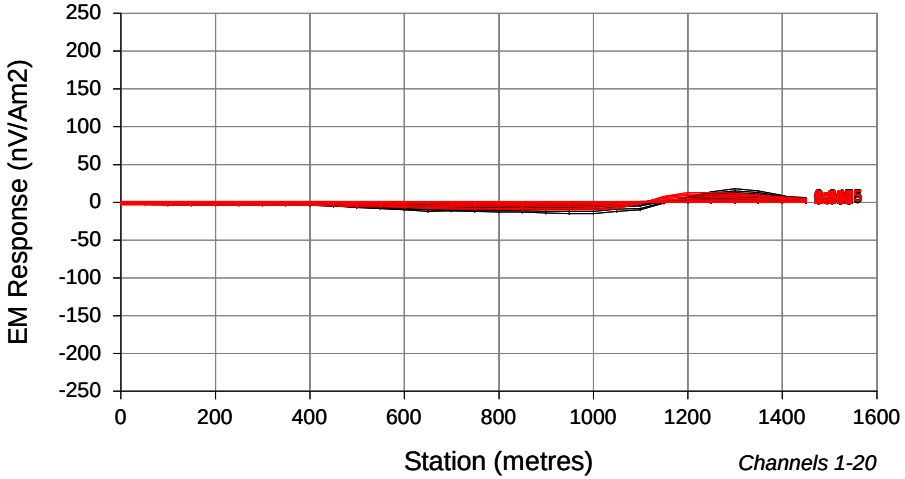
Burwash Property

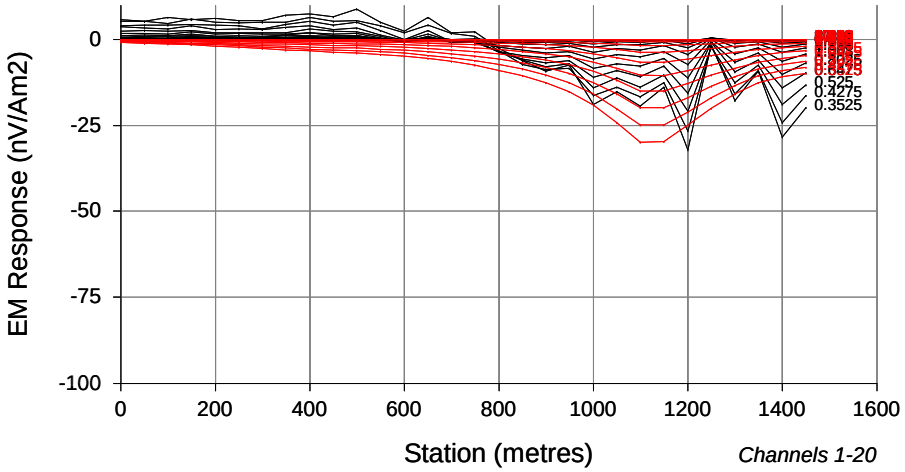
Loop 3 - TDEM Survey

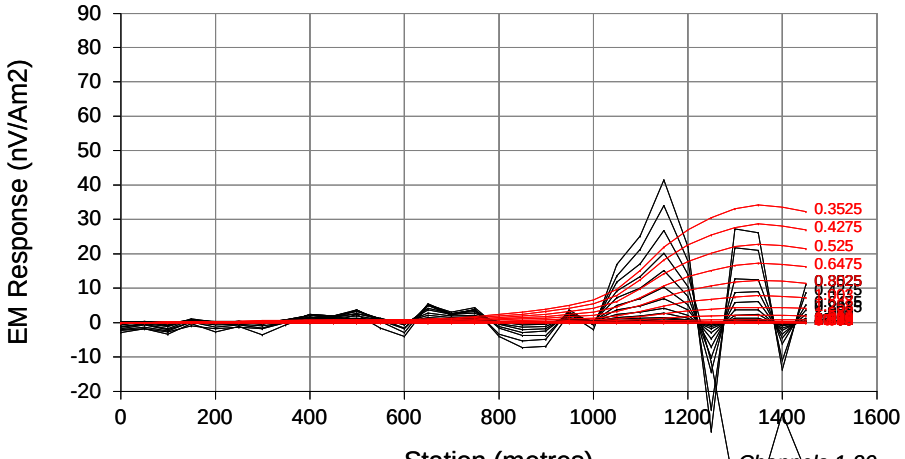
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1000 residual

Data from inside the loop







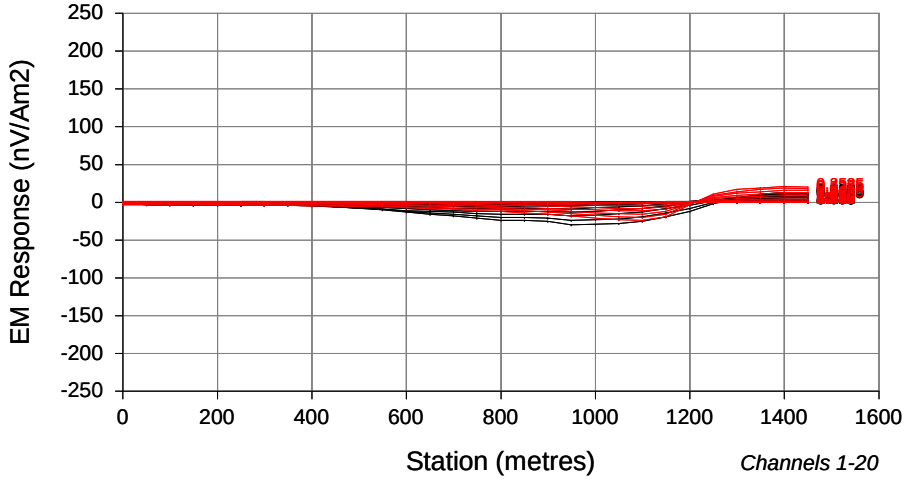
Burwash Property

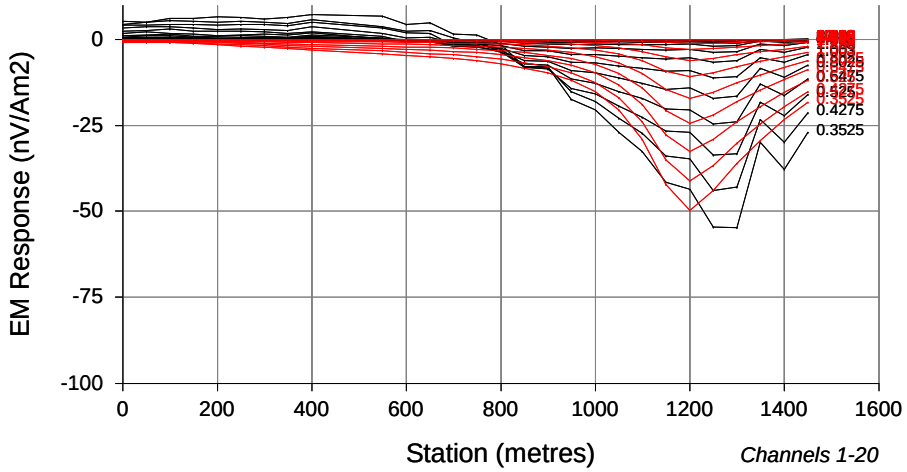
Loop 3 - TDEM Survey

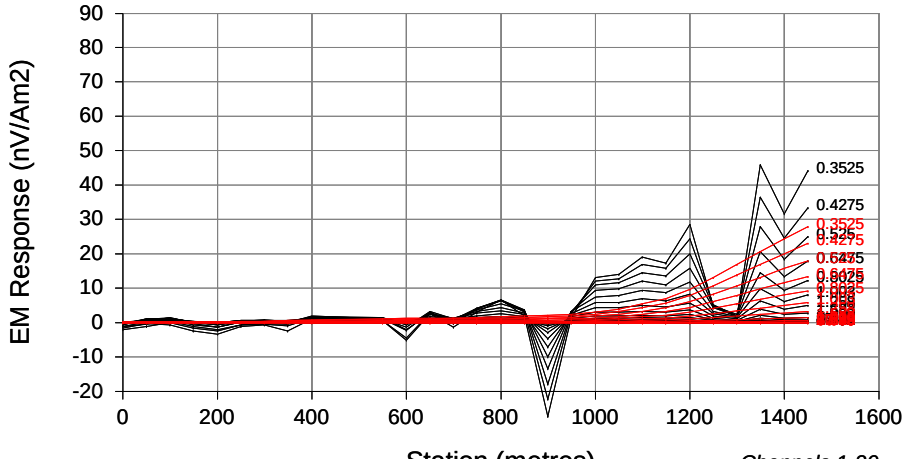
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 0 residual

Data from outside the loop







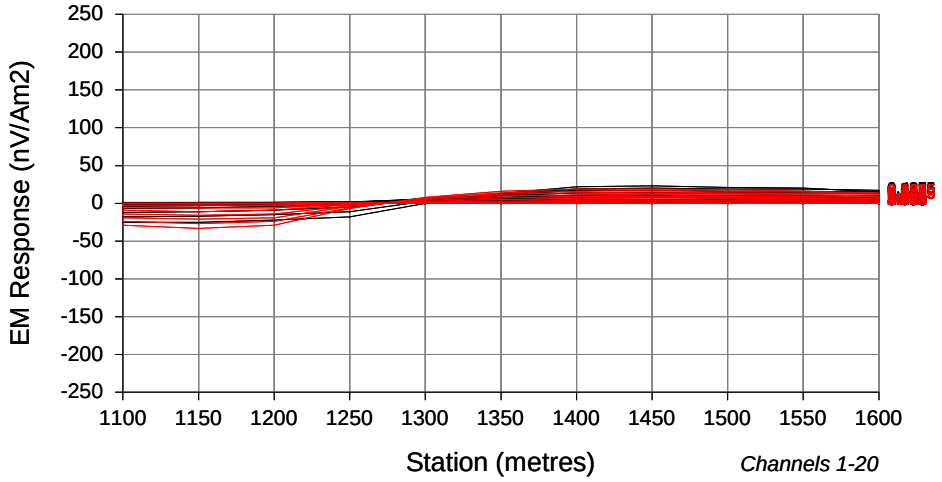
Burwash Property

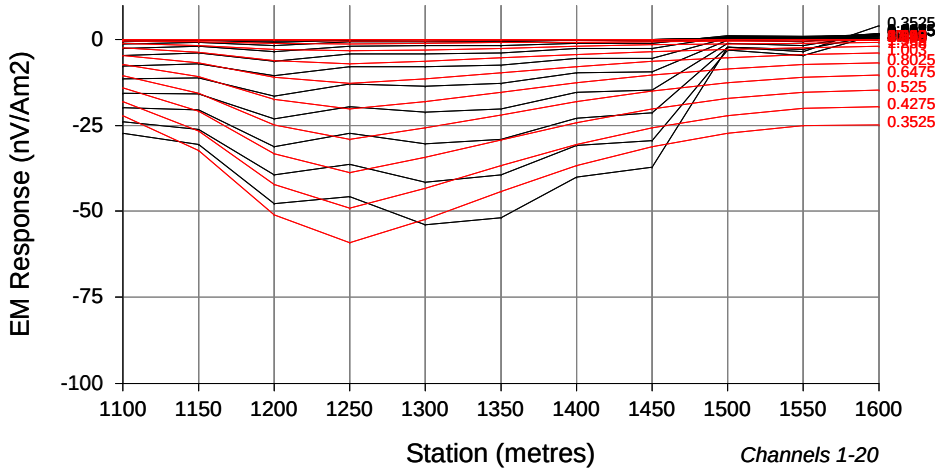
Loop 3 - TDEM Survey

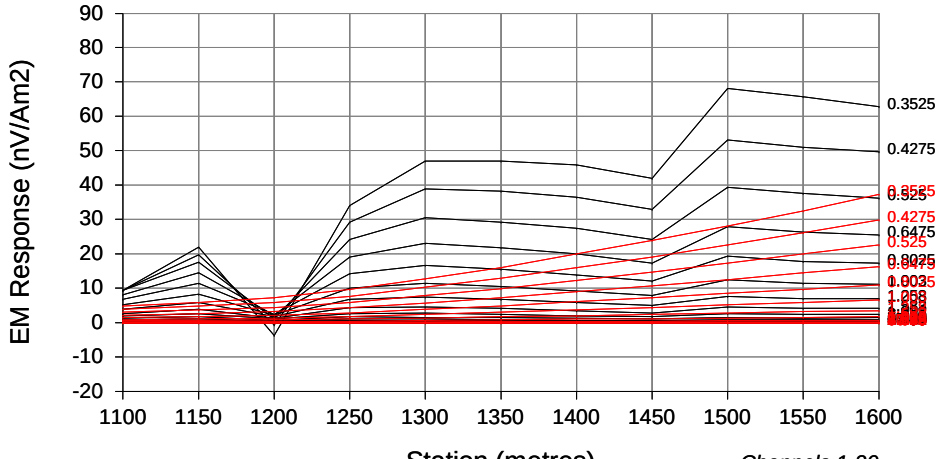
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 200 residual

Data from outside the loop







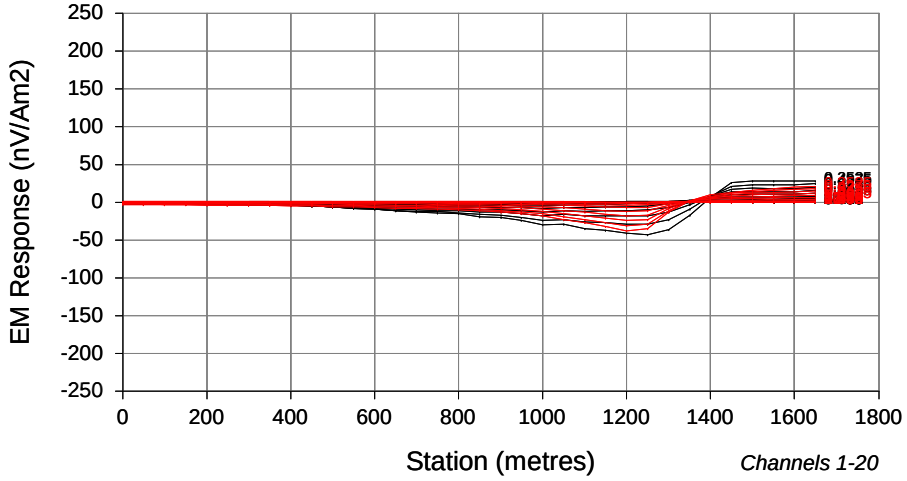
Burwash Property

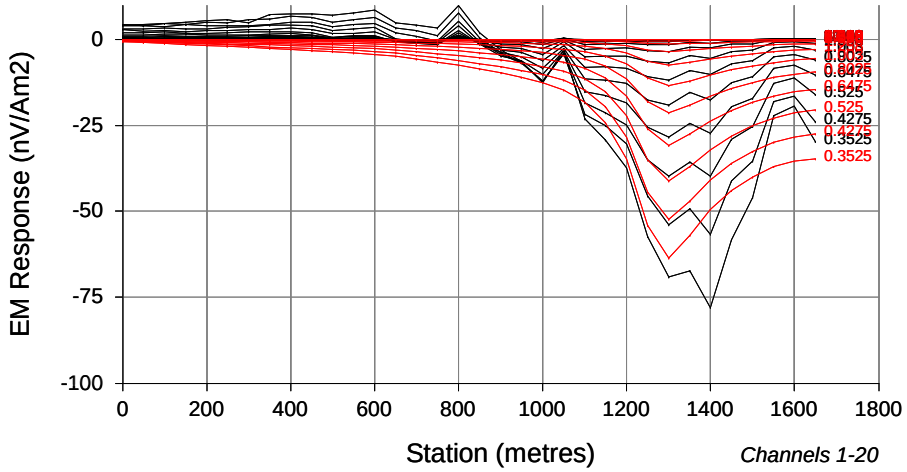
Loop 3 - TDEM Survey

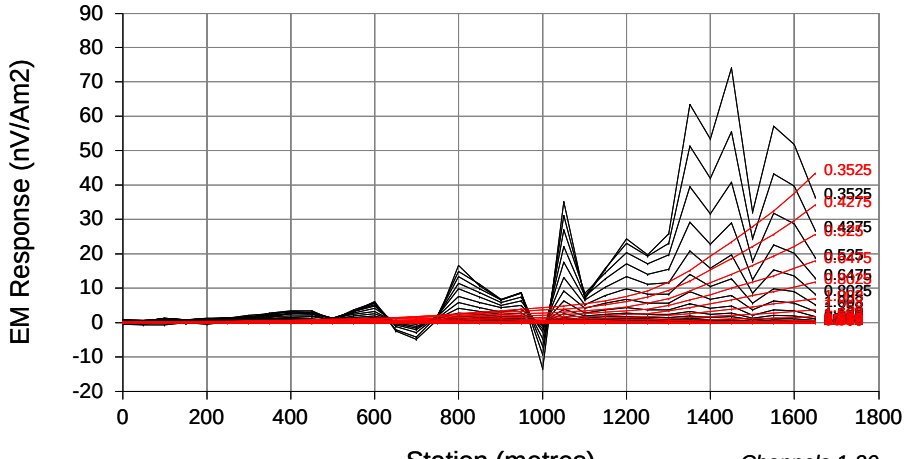
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 300 residual

Data from outside the loop







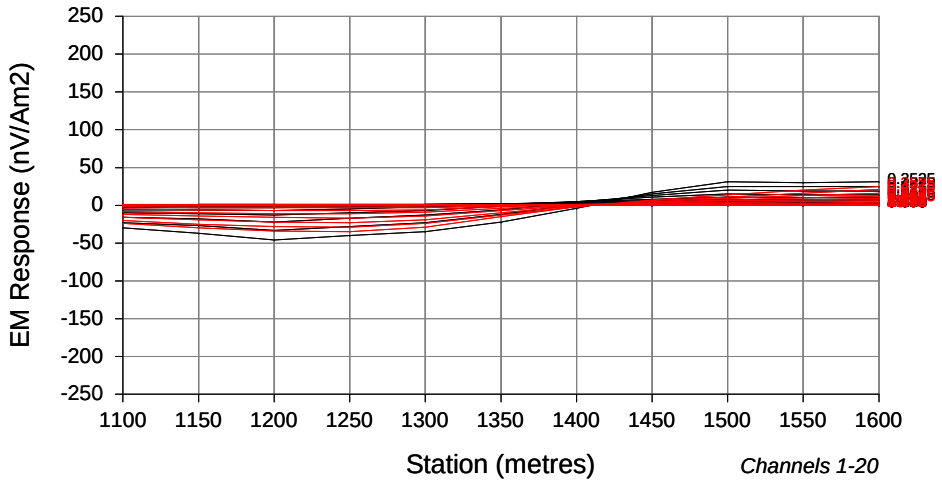
Burwash Property

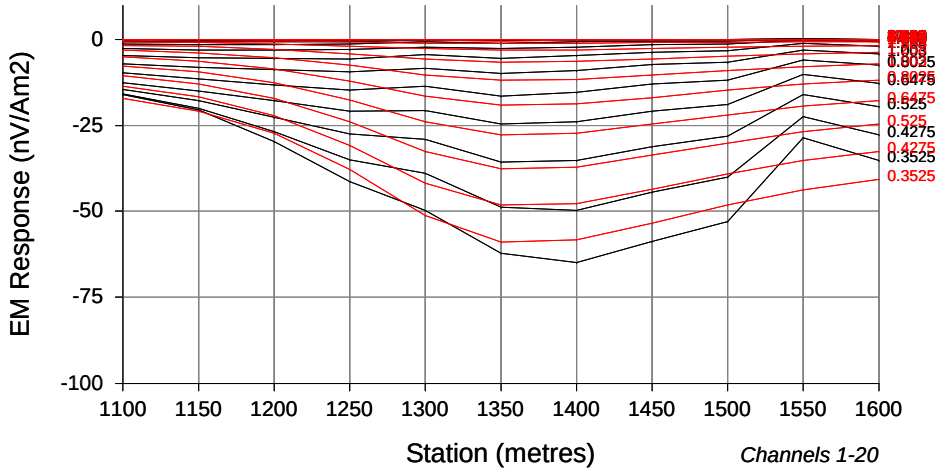
Loop 3 - TDEM Survey

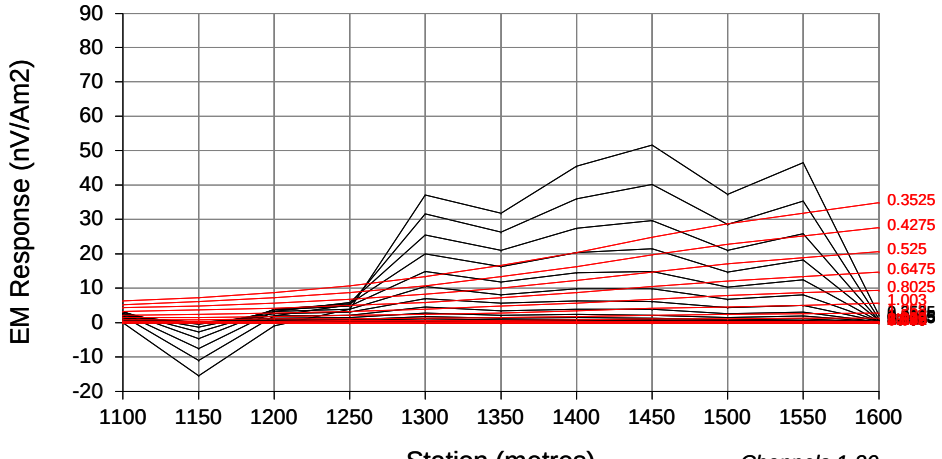
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 400 residual

Data from outside the loop







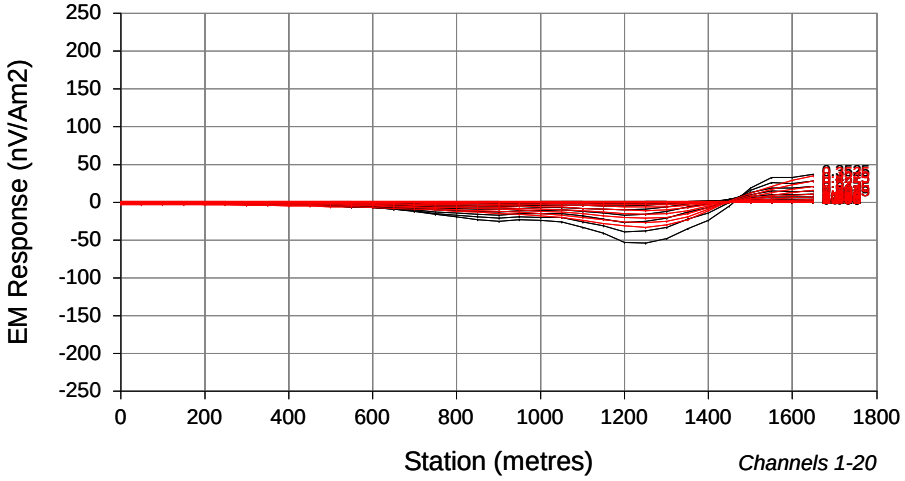
Burwash Property

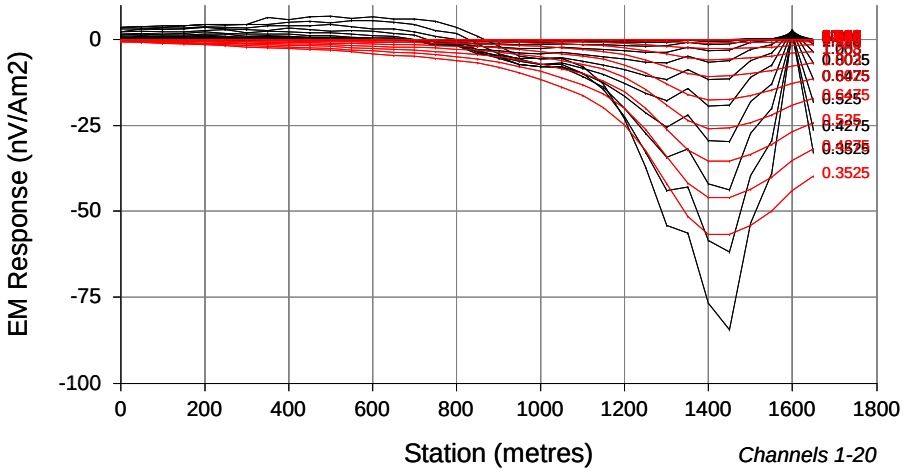
Loop 3 - TDEM Survey

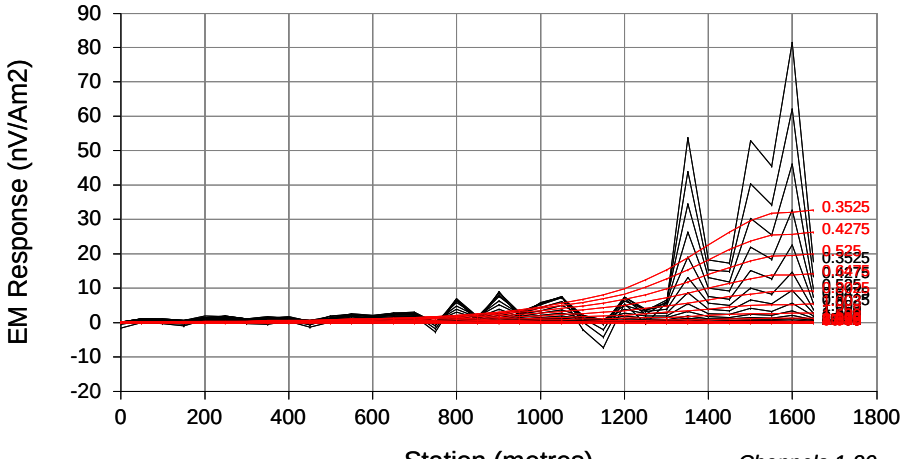
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 500 residual

Data from outside the loop







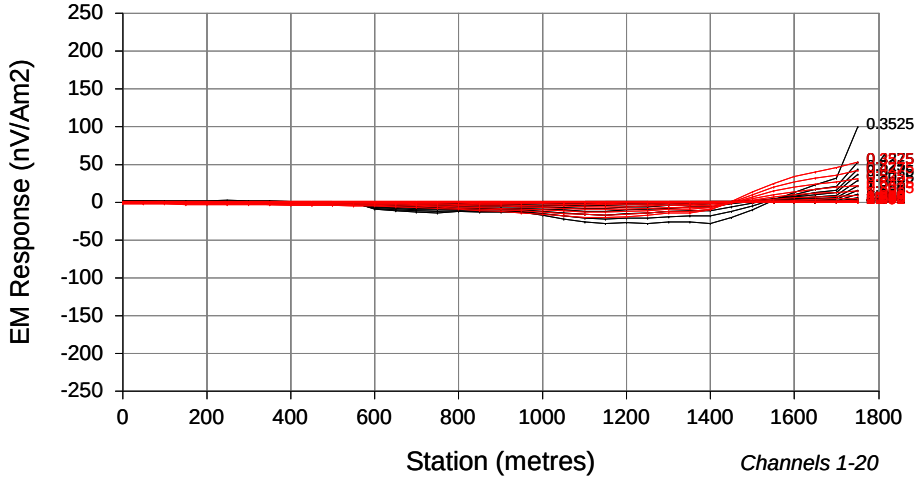
Burwash Property

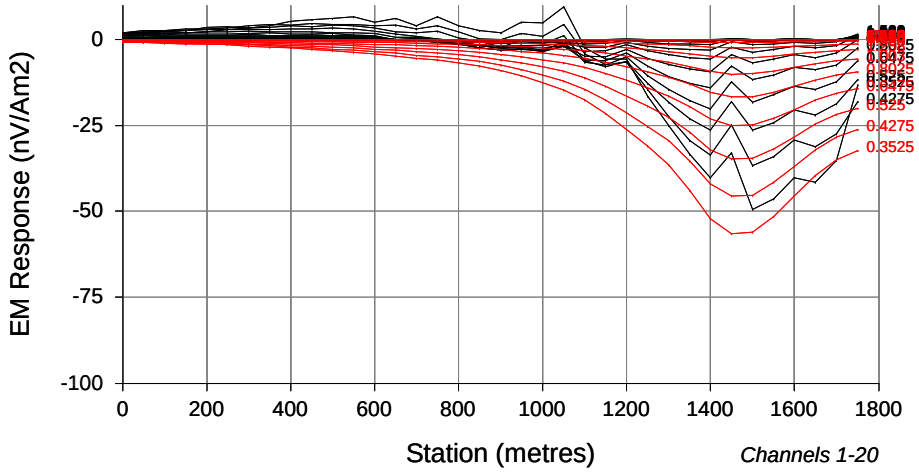
Loop 3 - TDEM Survey

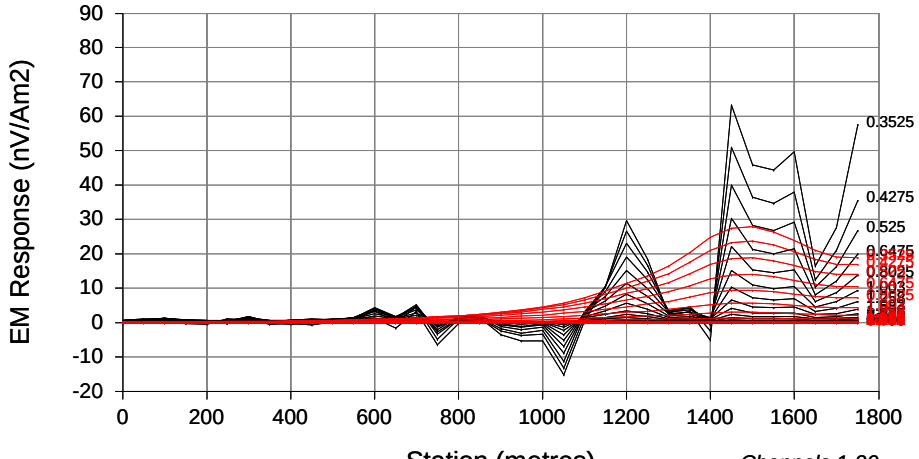
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 600 residual

Data from outside the loop







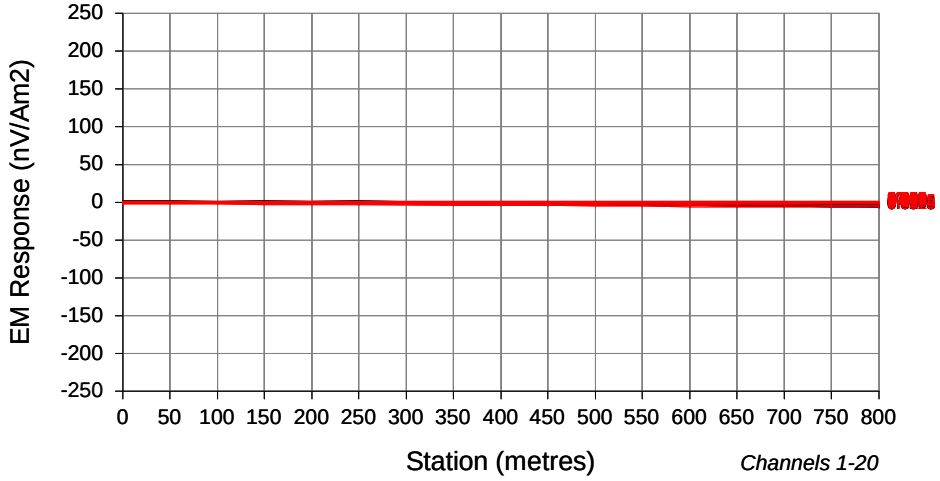
Burwash Property

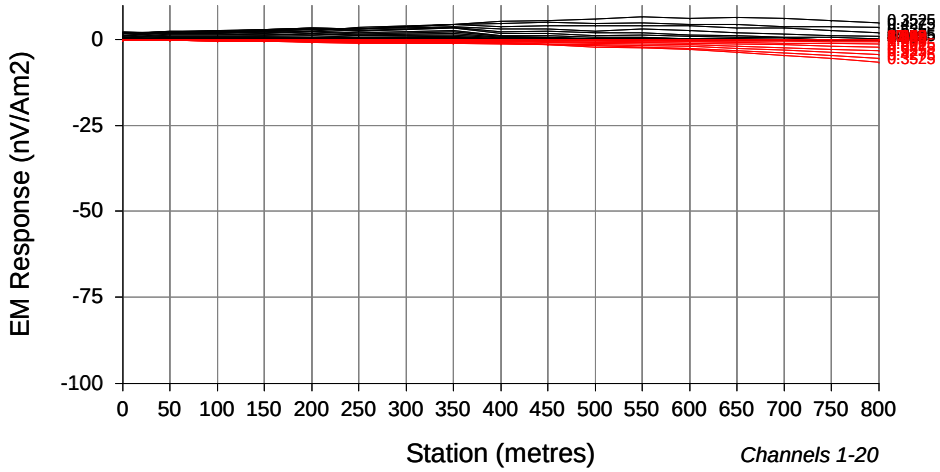
Loop 3 - TDEM Survey

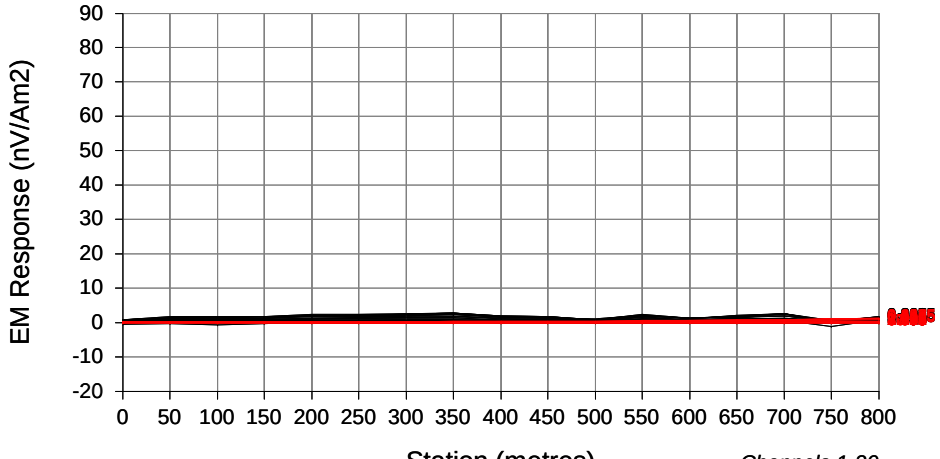
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 800 residual

Data from outside the loop







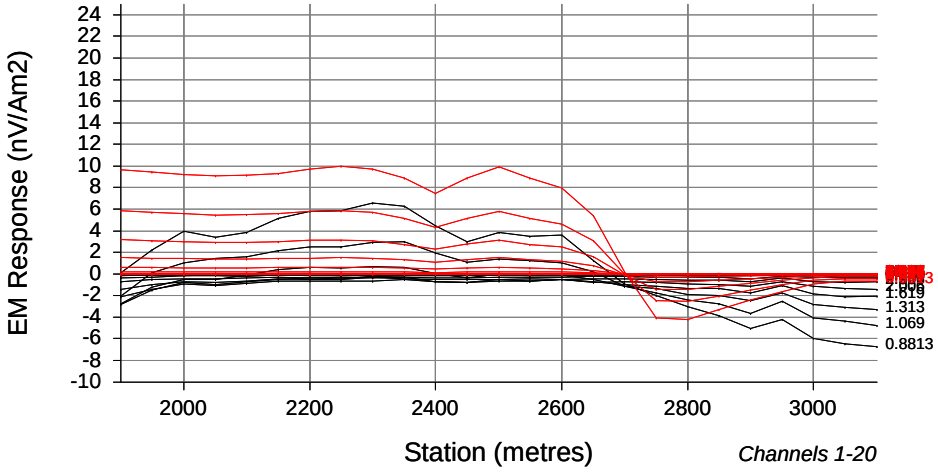
Burwash Property

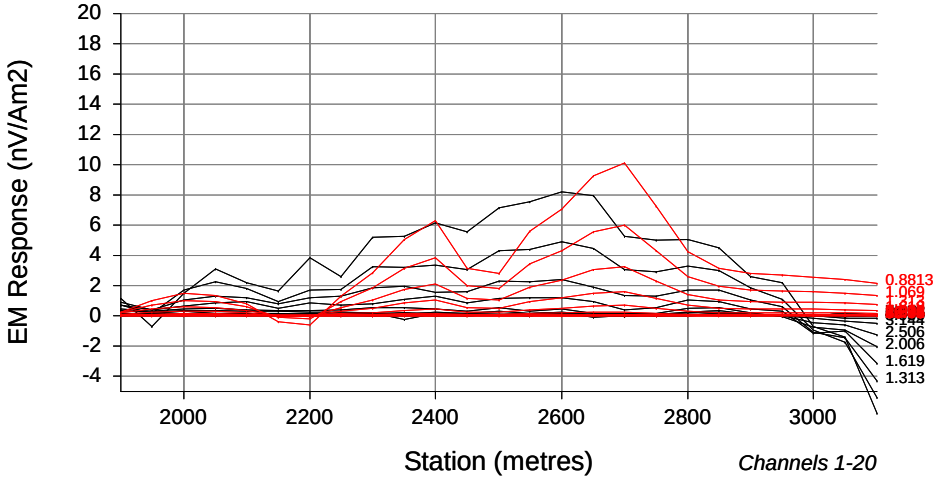
Loop 3 - TDEM Survey

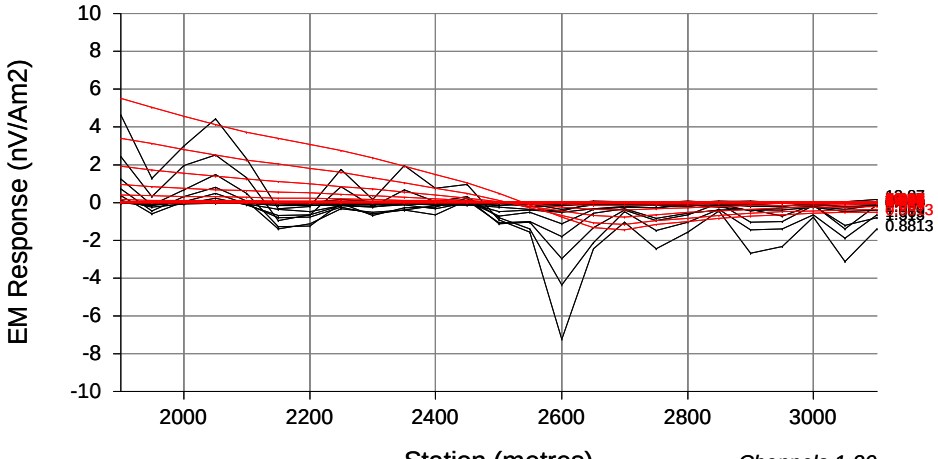
PROFILES OF OBSERVED AND MODELLED EM RESPONSE

Line 1000 residual

Data from outside the loop







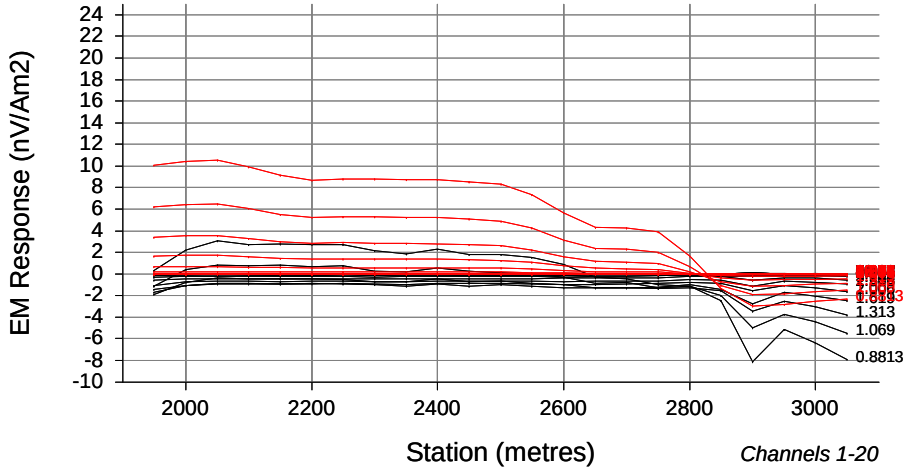
Burwash Property

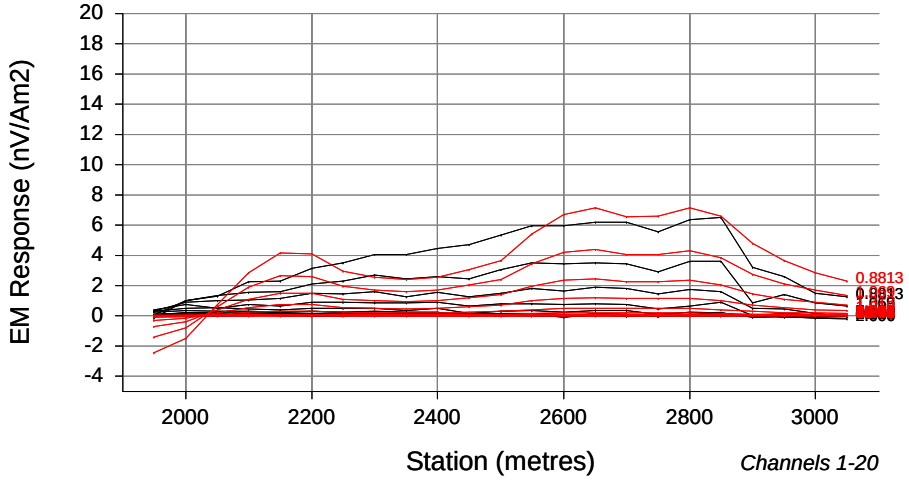
Loop 4 - TDEM Survey

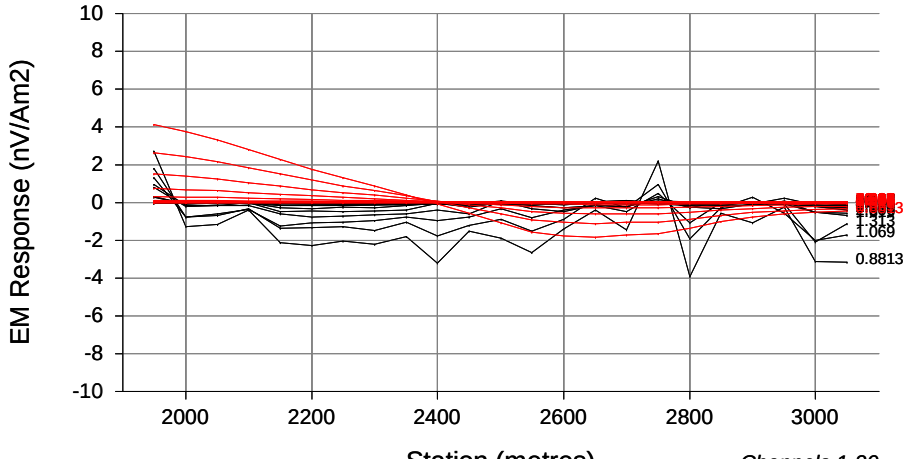
PROFILES OF MODELLED AND OBSRVED EM RESPONSE

Line 1200 residual

Data from inside the loop







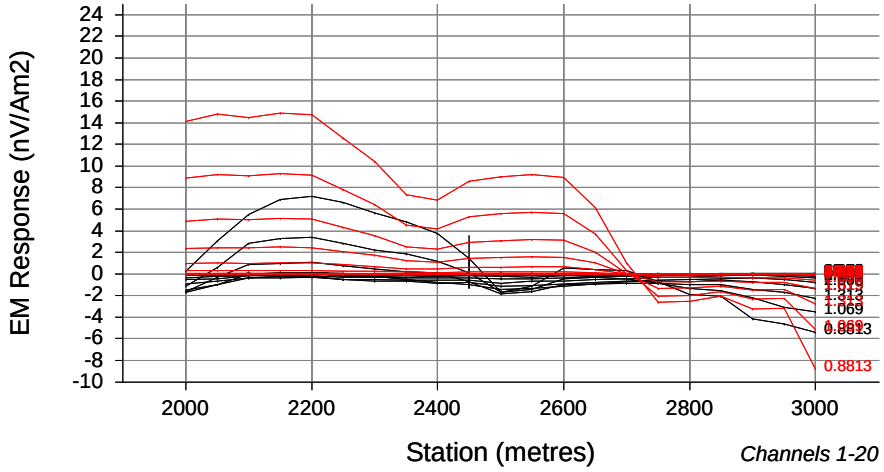
Burwash Property

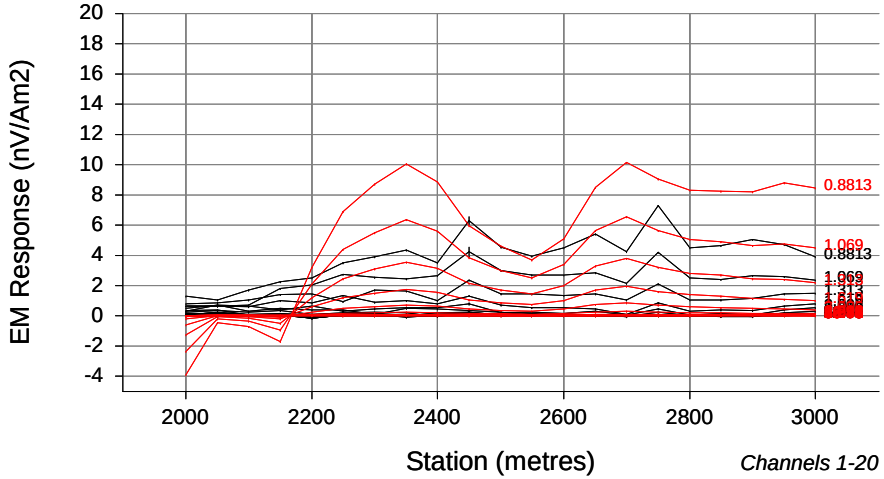
Loop 4 - TDEM Survey

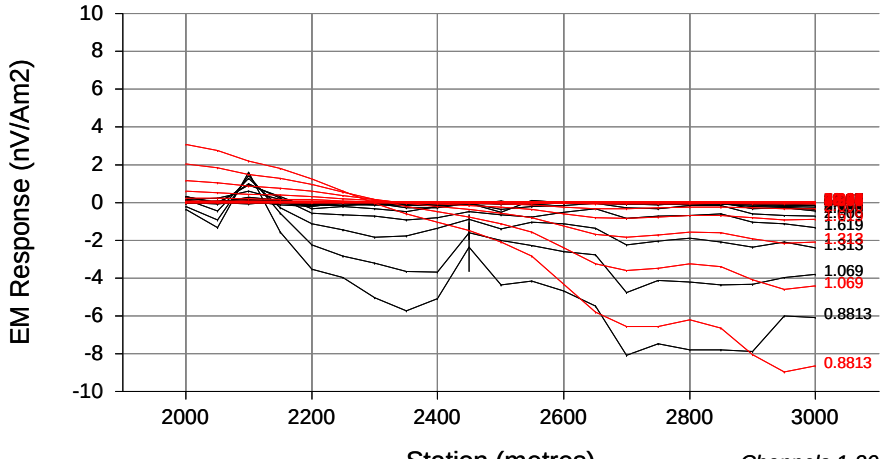
PROFILES OF MODELLED AND OBSRVED EM RESPONSE

Line 1400 residual

Data from inside the loop







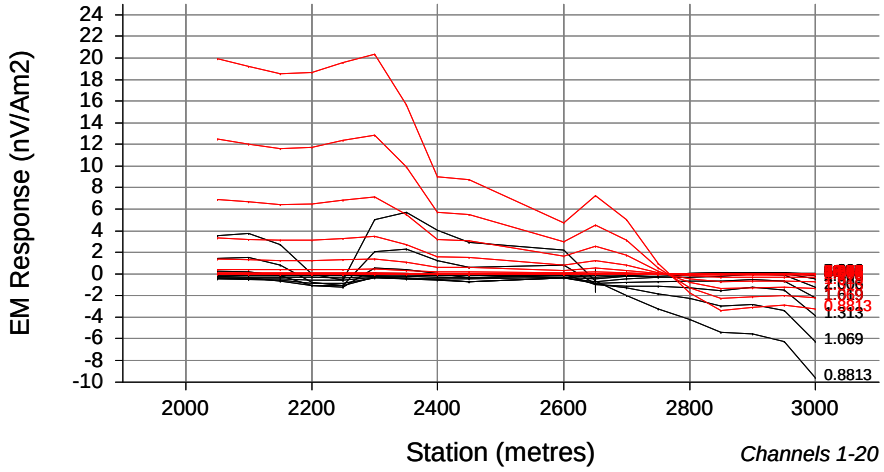
Burwash Property

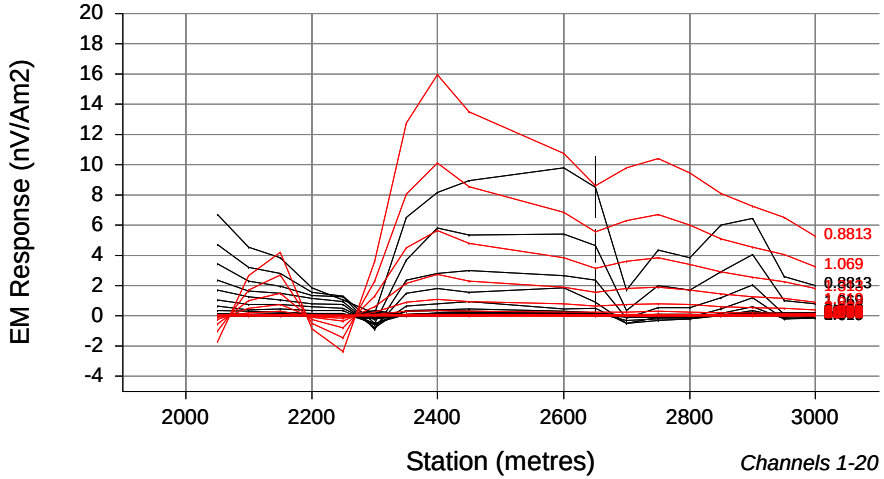
Loop 4 - TDEM Survey

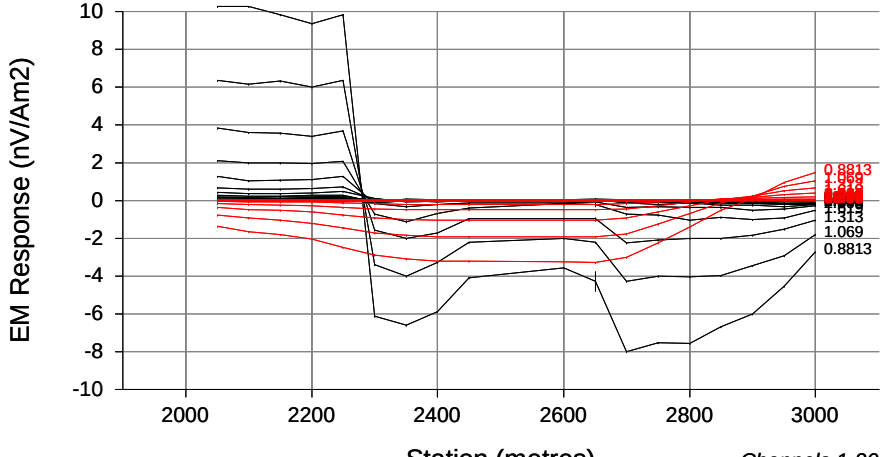
PROFILES OF MODELLED AND OBSRVED EM RESPONSE

Line 1600 residual

Data from inside the loop







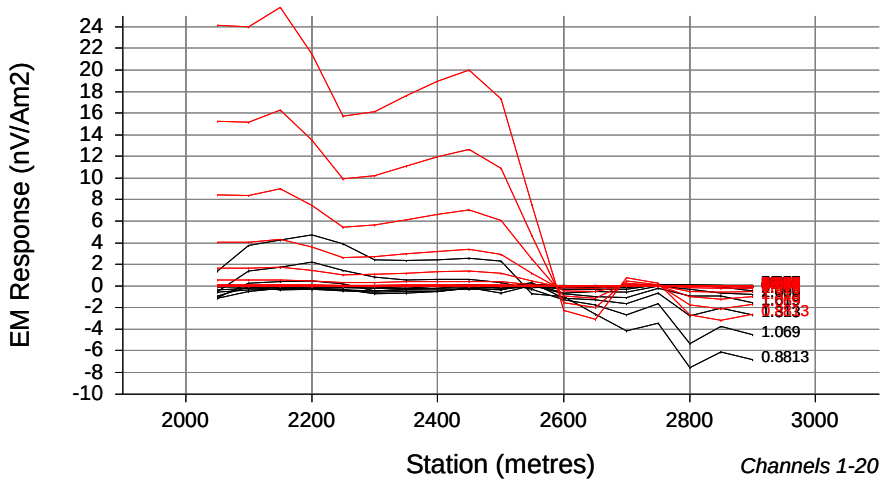
Burwash Property

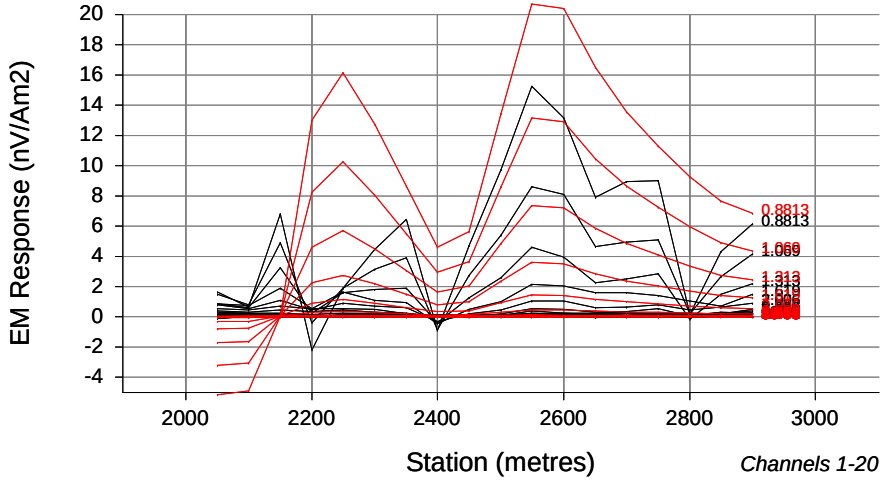
Loop 4 - TDEM Survey

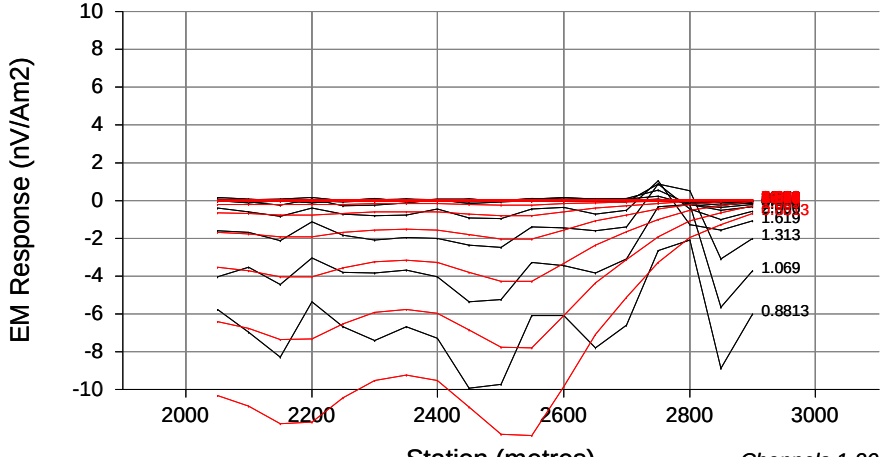
PROFILES OF MODELLED AND OBSRVED EM RESPONSE

Line 1800 residual

Data from inside the loop







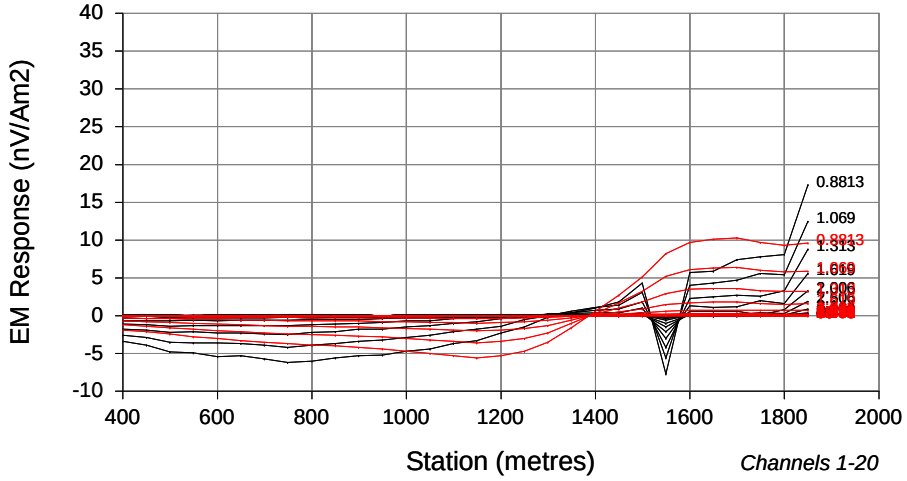
Burwash Property

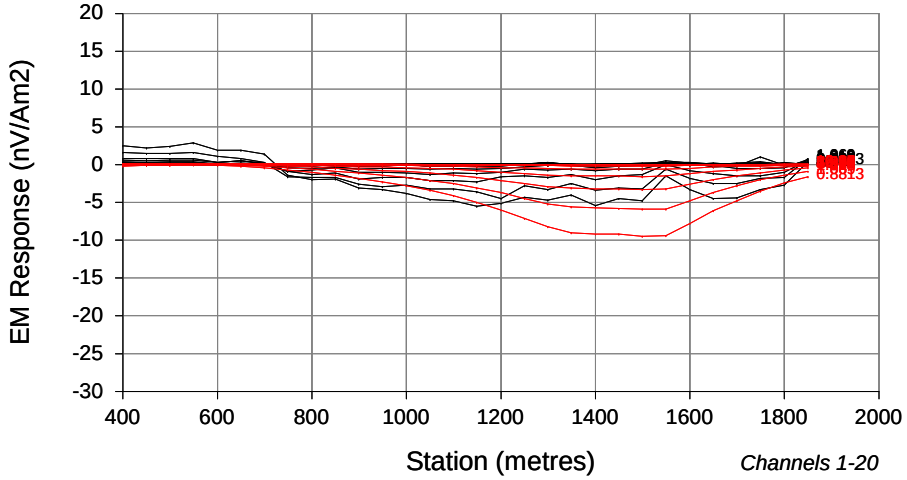
Loop 4 - TDEM Survey

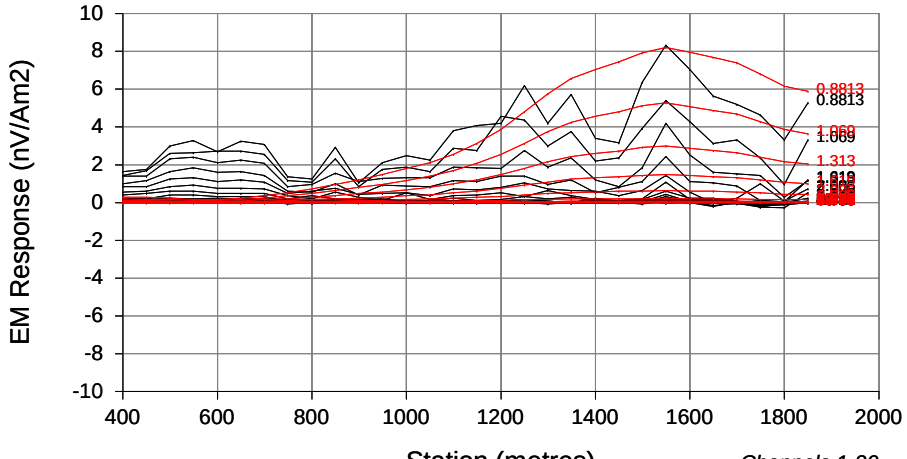
PROFILES OF MODELLED AND OBSRVED EM RESPONSE

Line 2000 residual

Data from inside the loop







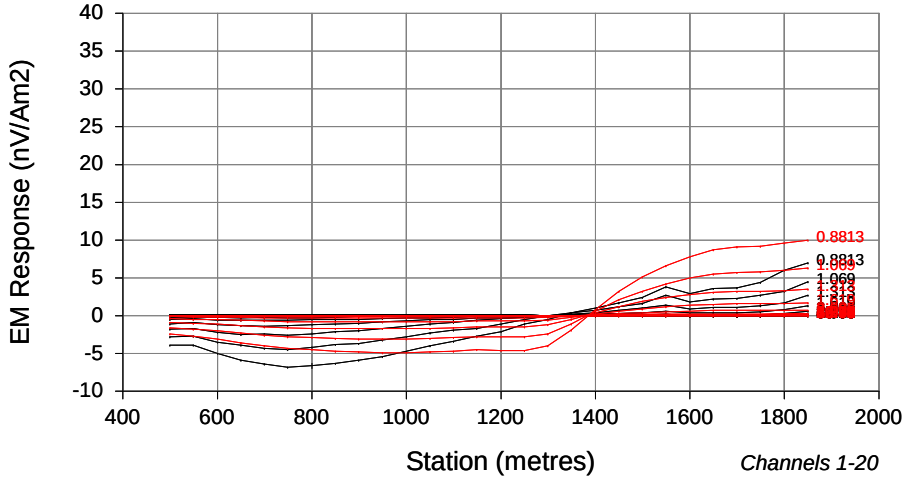
Burwash Property

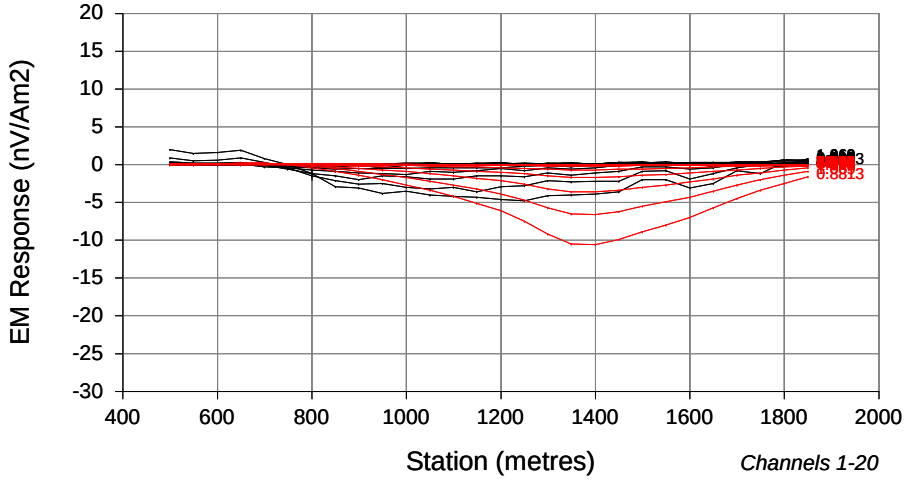
Loop 4 - TDEM Survey

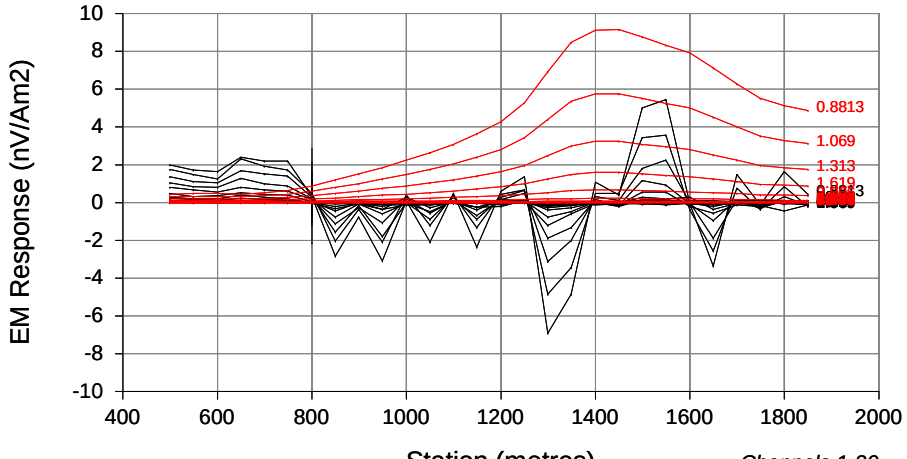
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 1200 residual

Data from outside the loop







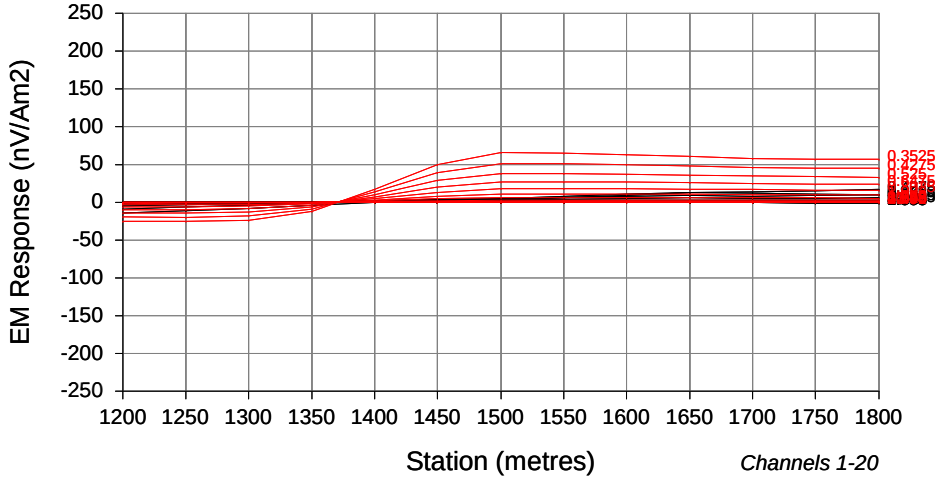
Burwash Property

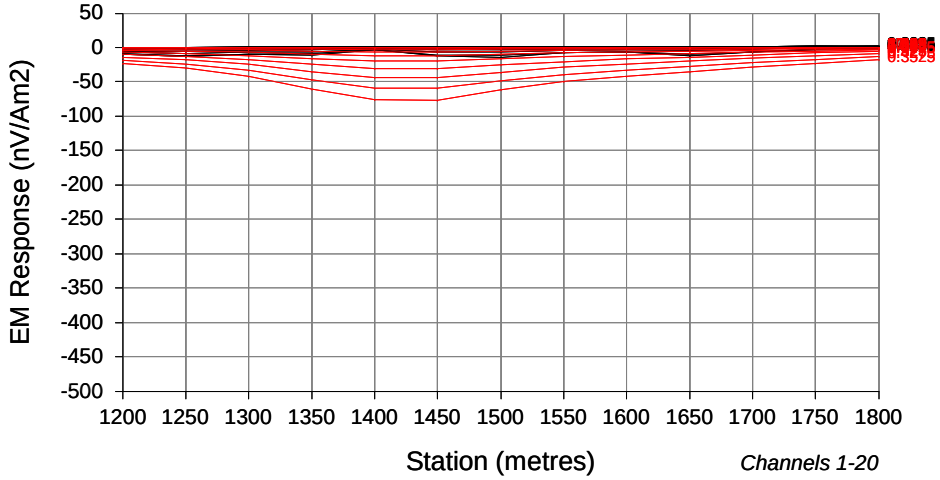
Loop 4 - TDEM Survey

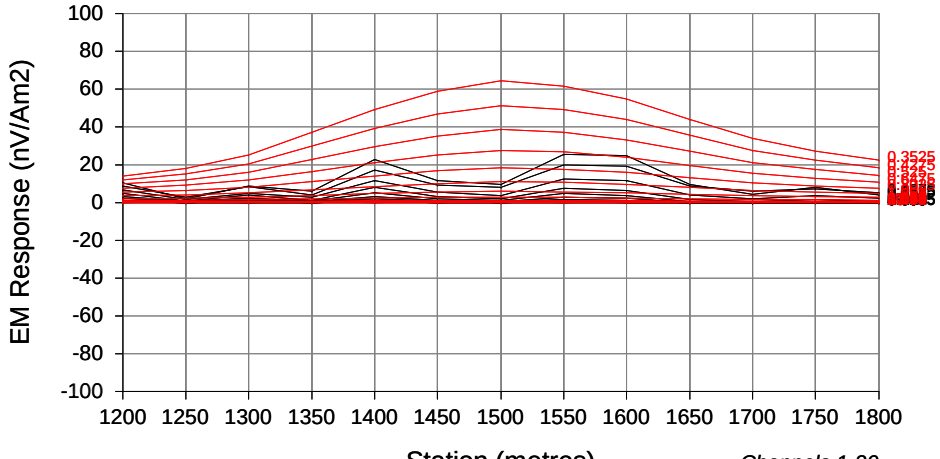
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 1400 residual

Data from outside the loop







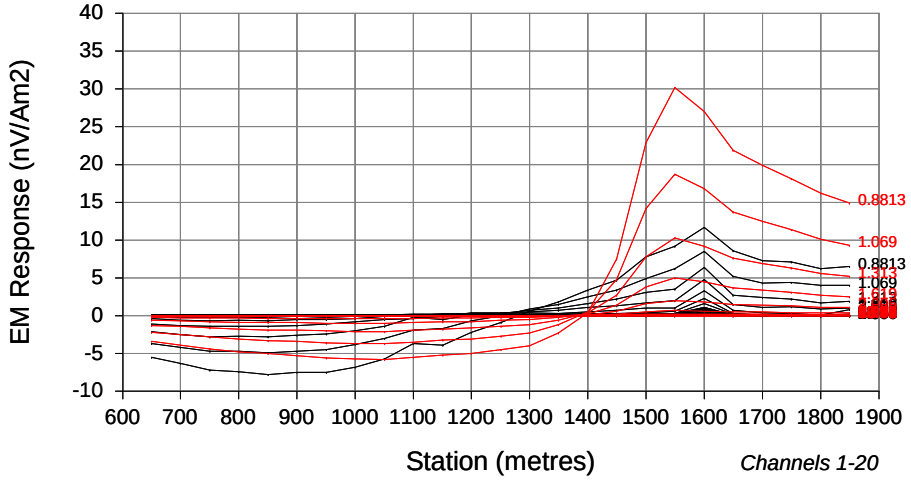
Burwash Property

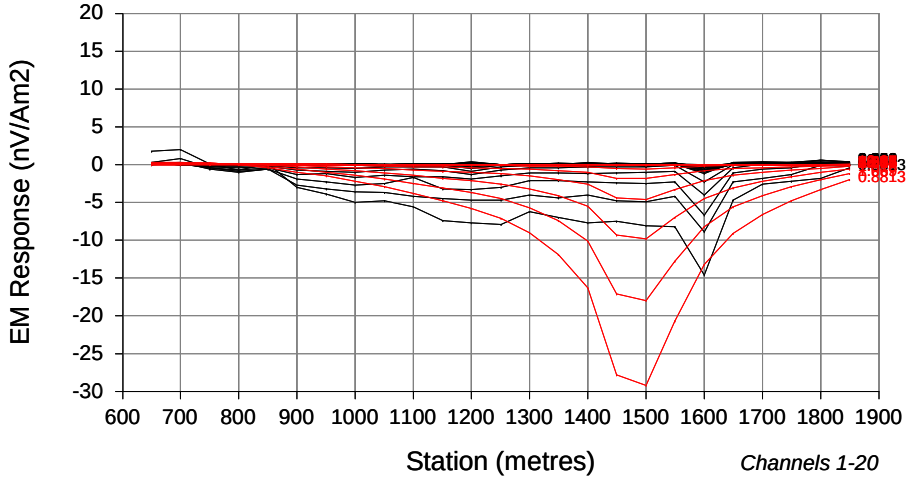
Loop 4 - TDEM Survey

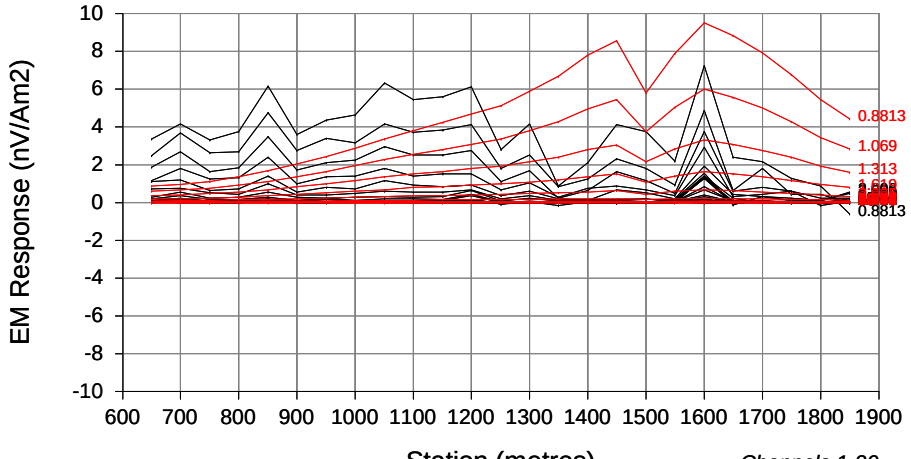
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 1500 residual

Data from outside the loop







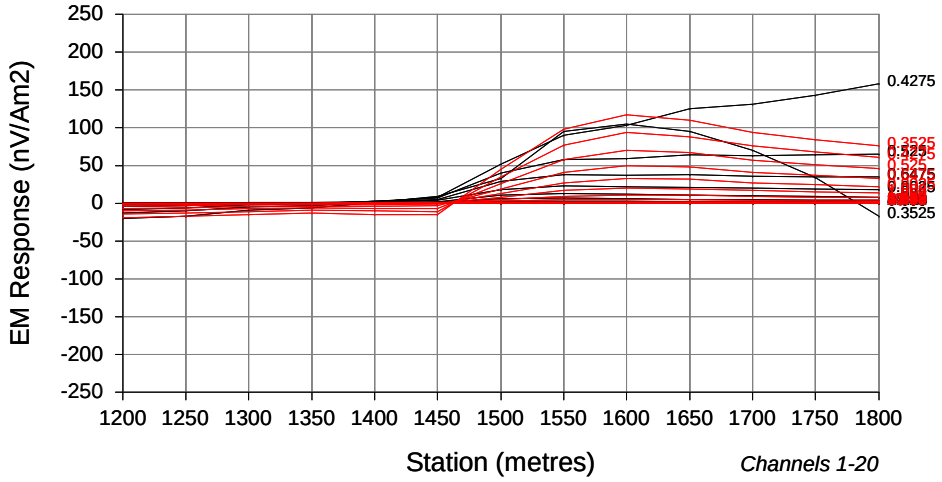
Burwash Property

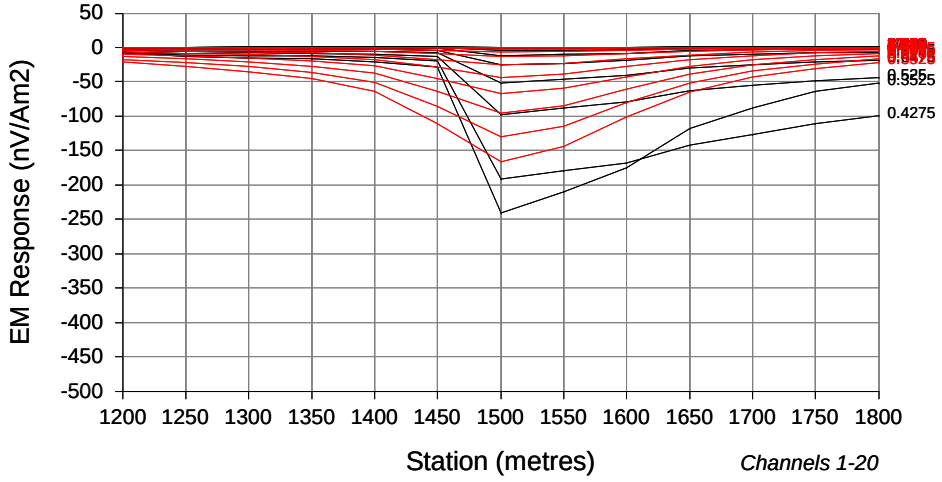
Loop 4 - TDEM Survey

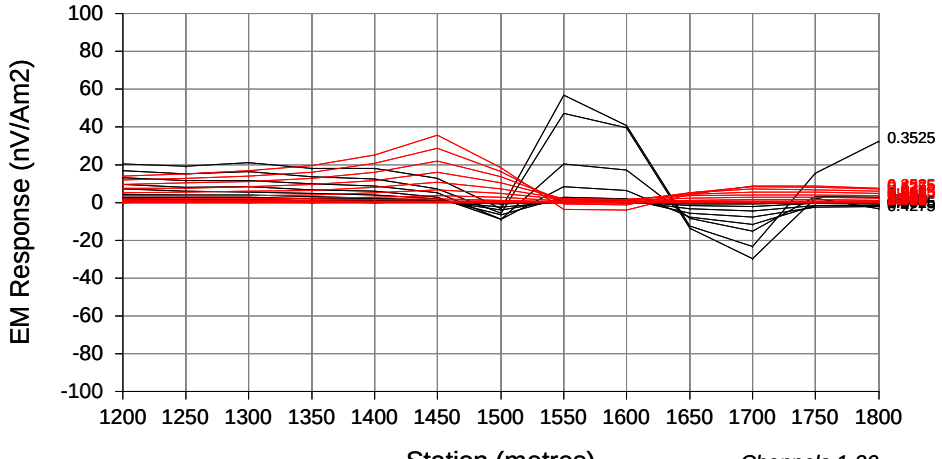
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 1600 residual

Data from outside the loop







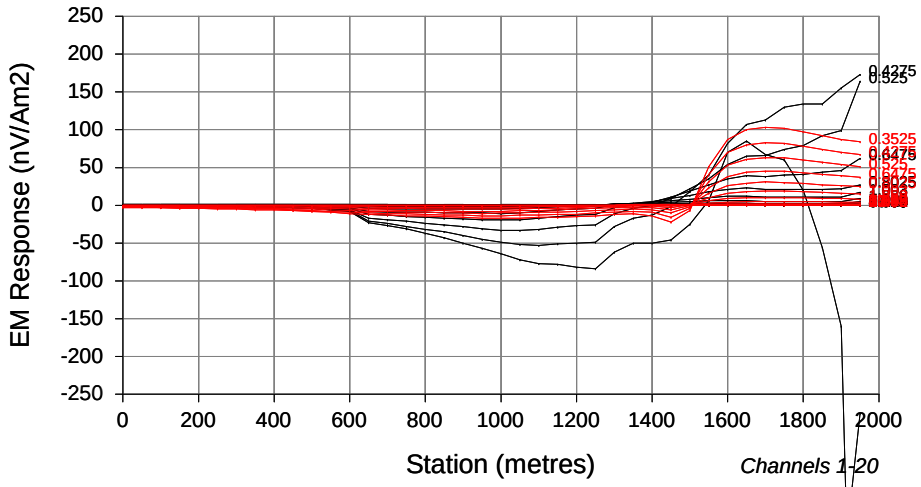
Burwash Property

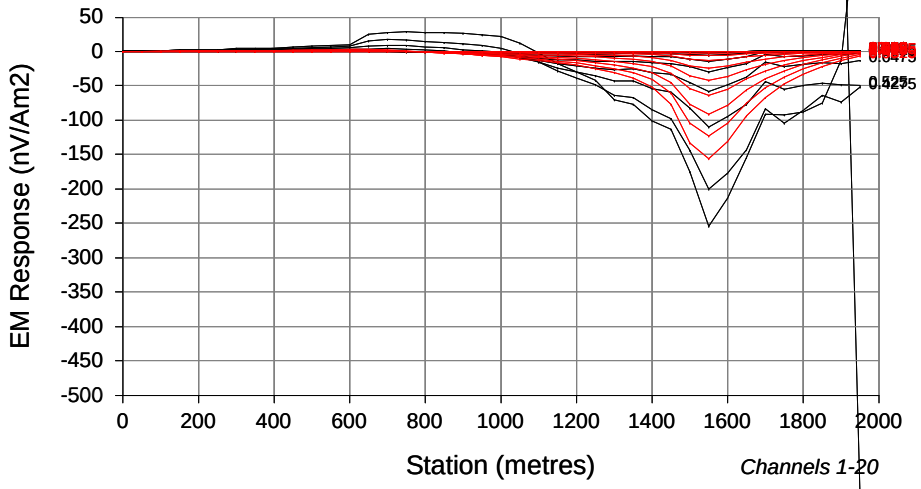
Loop 4 - TDEM Survey

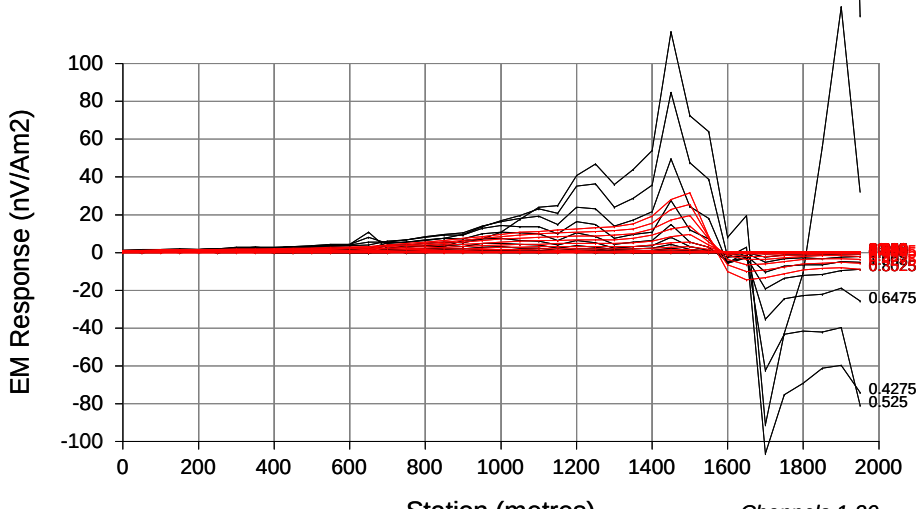
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 1700 residual

Data from outside the loop







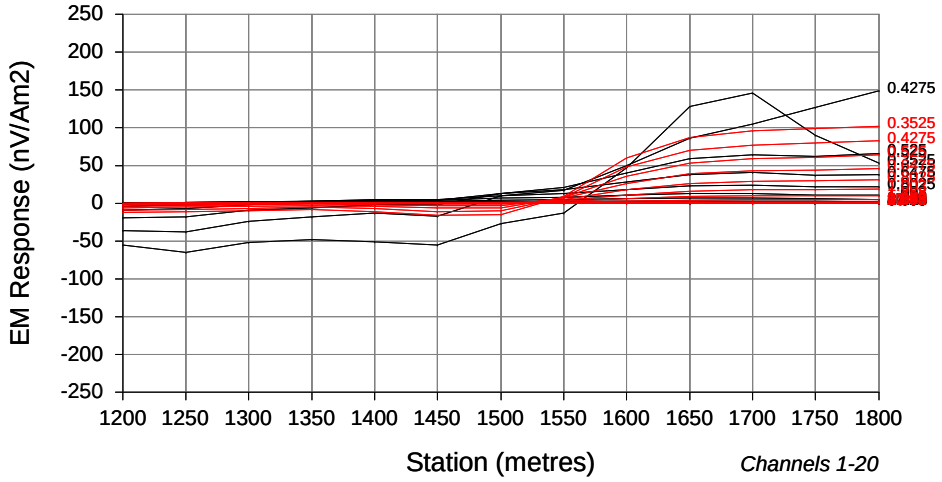
Burwash Property

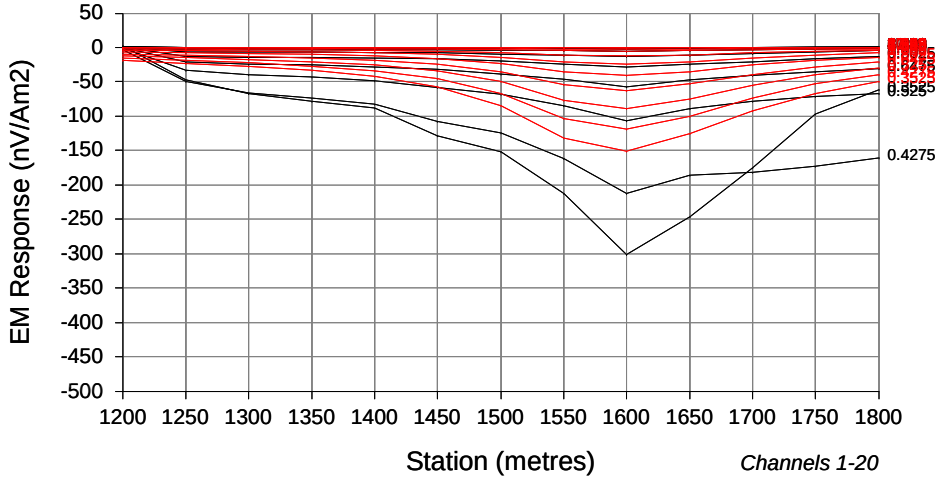
Loop 4 - TDEM Survey

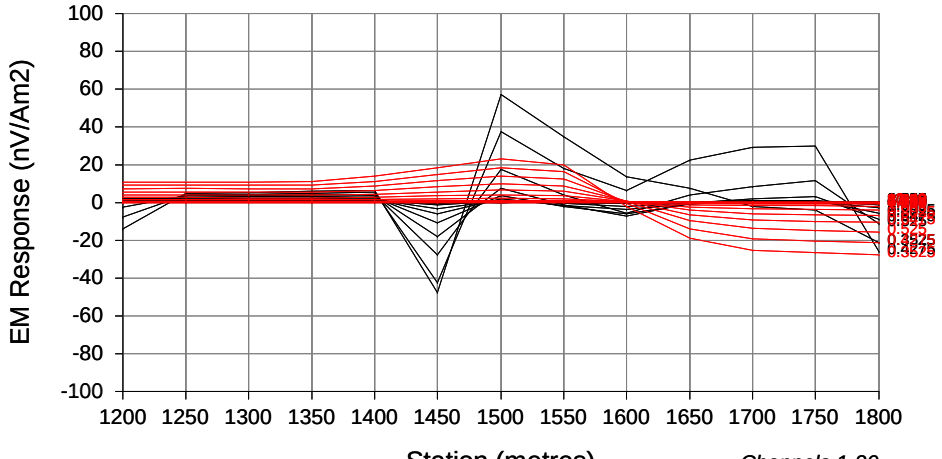
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 1800 residual

Data from outside the loop







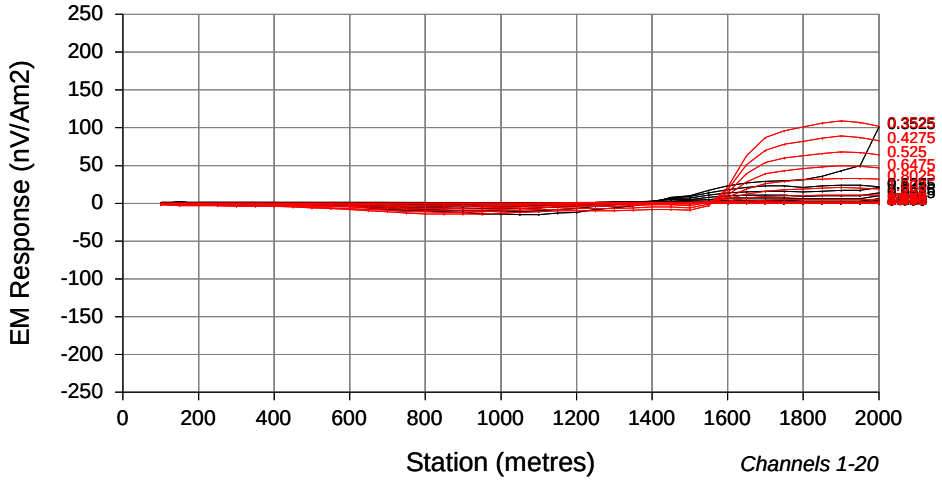
Burwash Property

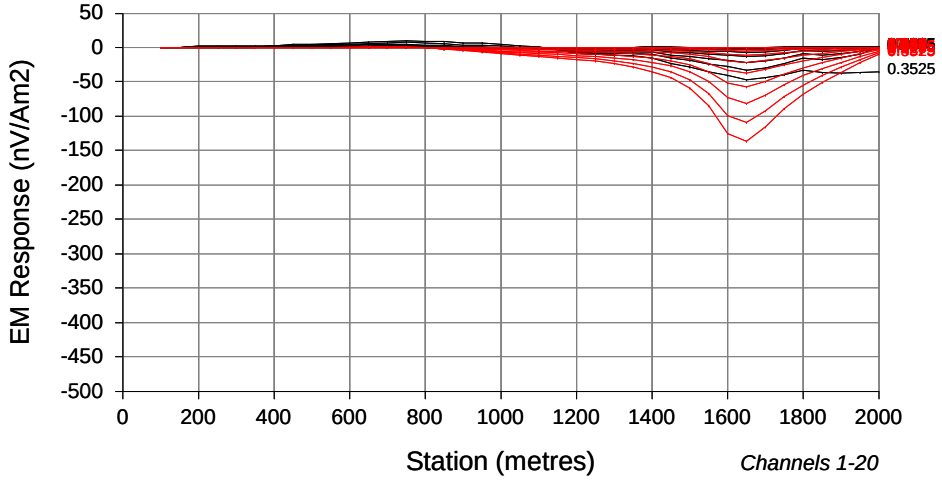
Loop 4 - TDEM Survey

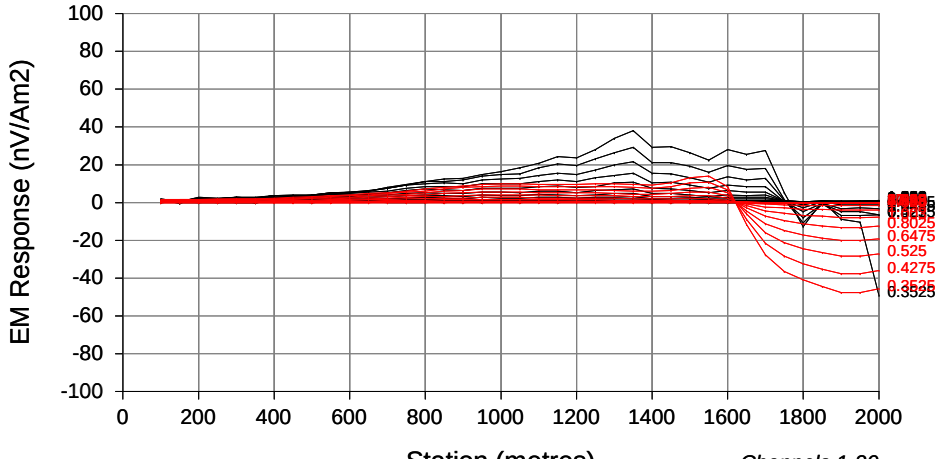
PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 1900 residual

Data from outside the loop







Burwash Property

Loop 4 - TDEM Survey

PROFILES OF MODELLED AND OBSERVED EM RESPONSE

Line 2000 residual

Data from outside the loop

APPENDIX X
CONTRACT WITH AURORA GEOSCIENCES

AURORA GEOSCIENCES

Western Office
34A Laberge Road
Whitehorse, YT Y1A 5Y9

Phone: 867-668-7672
Fax: 867-393-3577
Whitehorse@aurorageosciences.com

April 19, 2010

Michael Sweatman
Pacific Coast Nickel Corp.
Suite 380 - 580 Hornby Street
Vancouver, BC V6C 3B6

Re: Geophysical survey proposal - Burwash Property

Dear Mr. Sweatman,

Thank you for contacting us concerning your exploration program at the Burwash Property. Aurora Geosciences Ltd. (hereinafter AURORA) would be pleased to assist Pacific Coast Nickel Corp. (hereinafter PACIFIC) with this project. This letter describes our proposal and signed acceptance thereof constitutes a geophysical survey contract under the laws of the Yukon Territory.

a. Outline. As per our discussions, specifications, charges and schedules in this proposal are based on a survey program involving approximately 100 line-km of time domain electromagnetic (TDEM) surveys using four proposed transmitting loops as per the attached map. Two northern loops were added to the original plan so that lines of 1.4 km could be surveyed over the area of interest outside the loop to best couple with steeply to moderately dipping targets. Lines will be run inside the two southern loops to couple with flat-lying targets underneath the loops as well as outside the loop to couple with steeply to moderately dipping targets to the south of the loops. AURORA proposes to mobilize a five man TDEM crew equipped with a Geonics Protem system to conduct this project. Once on-site, AURORA will assess whether a helicopter will be required to position the transmitter for the northern loops or whether it could be done by personnel on the ground.

At PACIFIC's discretion, the project manager would visit the crew in the field to expedite data processing and interpretation. Expeditiously following the survey, AURORA would submit a field report describing a summary of field operations and the field data. Following the field report, AURORA would, at PACIFIC's discretion, prepare an interpretation memo, an assessment report or a 43-101 compliant report. Scheduling and charges for these reports would be determined after the completion of the 2009 field component of the project.

b. Personnel and equipment. To conduct the geophysical survey, AURORA proposes to provide a crew consisting of a survey crew chief, technician and three survey crew men. Four of the crew members would be surveying while the fifth would

be laying out and picking up transmitting loops. The project manager would be Dave Hildes, P.Geo. AURORA would specify the personnel to be provided, prior to mobilization and at PACIFIC's request.

The crew would be equipped with the following instruments and equipment:

TEM receivers:	2 - Geonics PROTEM 3-component digital TEM receivers w/ crystal clocks 2 - Geonics PROTEM 3 component air-cored receiver coils
TEM transmitter:	1 - Geonics PROTEM TEM-67 TEM transmitter 2 - Auxilliary power units (rated 3.5 KW). 1 - Honda 5KVA generator
TEM equipment:	10 km 14 gauge wire 4 - Georeels / spools 5 - VHF radios
Camp:	3 - 12'x14' tents w/ wood stoves 6 - cots & foamies 1 - 6 man kitchen set (propane stove, cooking gear, tables, chairs) 1- Camp tools 1 - VOIP phone (if topography allows)
Vehicles:	3 - ATVs 1 - 1 ton truck & 6000 lb double axle trailer 1 - Small ATV trailer
Data processing:	1 - Laptop & colour printer w/ Geosoft
Other:	1 - Field office equipment 1 - Repairs & tool kit 1 - SAT phone

c. Grid. AURORA would lay out proposed loop locations and survey lines before the mobilization date for review by PACIFIC. The grid would be a virtual grid only; loop layout and station locations would be determined by non-differential GPS only.

d. Survey specifications. AURORA proposes to conduct the geophysical surveys according to the following survey specifications:

PROTEM SURVEY

Loop dimensions:	1000 m (front) x 1400 m (deep)
Loop locations:	As shown on attached proposed grid map.
Signal:	Bi-polar square wave with 50% duty cycle and reversing polarity. Base frequency to be set after examination of the decay curve to ensure neither truncation nor under-sampling occurs.
Recorded components:	H_x, H_y, and H_z
Receiver sampling:	20 geometrically spaced channels with intervals dependent upon the system base frequency.
Profile station spacing:	50 m to 1400 m away from loop edge. 25 m infill on identified anomalies
Sounding station spacing:	50 m along survey lines within the loop but no nearer than 100 m from the loop edge (on southern loops only)
Noise & specification modification:	Survey parameters may be adjusted by the supervising geophysicist to optimize detection of conductors. The survey will be suspended in the event of excessive geomagnetic noise or wind.
GPS gridding:	Grids to be laid out in NAD83, UTM 7N coordinates and uploaded to the GPS receivers. Lines will be laid out exclusively using GPS control.

e. Data processing and products. AURORA will process the geophysical data in accordance with the specifications in this section and deliver a field report to PACIFIC expeditiously following the survey.

PROTEM data

Following dumping and archiving, the PROTEM data would be edited to remove data spikes. The polarity of the data would be flipped where necessary to ensure all data has the correct sign. All PROTEM data would be entered into Geosoft data bases with

each measurement entered as a separate line for subsequent plotting.

AURORA would plot the profile data in stacked plot format, 10 channels to a plot. Sounding data would be plotted in apparent resistivity curves versus depth of investigation.

The field report will be in memorandum format and contain preliminary plots only. This report may be delivered incrementally with results from each grid delivered as they are available followed by memorandum report upon demobilization. The report will be in digital format on CD-ROM. The field report will contain a summary of survey operations, final digital data in Geosoft and ASCII formats and digital drawings in PDF or JPEG format.

At PACIFIC's discretion following the survey, AURORA will review the data and submit a separate proposal including cost estimate to prepare a logistics report, full interpretation report, assessment report or NI 43-101 compliant report.

f. Schedule. AURORA would be prepared to mobilize to the property on or about July 1st. A recce will be done prior to mobilization to assess whether heavy machinery will be required to upgrade the creek crossings. Mobilization, crew rotatiojns and demobilization are estimated to require 3 days. Given the steep terrain, production is likely to be low and AURORA estimates that the survey will require 42 days to complete (including 5 standby days - e.g. excessive geomagnetic noise, snow). AURORA estimates that the TDEM survey production will average 60 stations per day under normal working conditions. The preliminary report would be delivered within 10 working days of demobilization.

g. Logistics and support. AURORA would be responsible for providing the camp and groceries for this project. Crew changes will be required every 3 to 4 weeks at PACIFIC's expense; all other rotations will be at AURORA's expense.

h. Requirements. PACIFIC would be responsible for obtaining all necessary permits including and not restricted to environmental and work permits.

i. Cost. All costs and charges in this proposal are in Canadian dollars and do not include GST. AURORA estimates that this project, excluding final report, will cost:

Mobilization / crew change / demobilization (3 days @ $3,920)	$11,760
Recce and road repair crew (2 days @ $1,000 / day)	$2,000
Crew & instrument prep & cargo	$1,660
TDEM survey: 37 days @ $4,270	$157,990
TDEM standby: 5 days @ $3,920	$19,600
Groceries & gas	$7,690
Truck and driver (2 days @ $500)	$1,000

Mobilization / crew change / demobilization (3 days @ $3,920)	$11,760
Expediting (10 hours @ $60)	$600
Project management (30 hours @ $90 & 20 hours @ $75)	$4,200
Project manager field visits (7 days - includes truck @ $900)	$6,300
Helicopter support	$2,500
Camp phone (if topography allows - 45 days @ $20)	$900
Field report	$2,400
Total estimated cost	*$218,600*

Charge schedule

PACIFIC would be billed according to the following schedule:

Crew, instrument & equipment preparation	$1,000
TDEM crew as specified - survey per diem	$4,270
TDEM crew as specified - standby per diem	$3,920
Project manager and truck - per diem	$900
Truck & driver - per diem	$500
Recce & road repair foreman - per diem	$500
Expediter & truck - per hour	$60
Senior geophysicist - per hour	$90
Technician - per hour	$75
Expenses	$cost+15%
Helicopter charter	$cost+10%

If PACIFIC requests modifications, additions or deletions to the quantum of work, crew configuration or survey specifications, this will change the estimated project cost and charges will be adjusted in accordance the tabulation below and with AURORA's standard schedule of charges for services or items not listed.

Crew day rate

The crew day rate is based on the quantum of work, crew composition, and equipment configuration specified in this proposal. In detail, the crew day rate is composed of the following charges:

Description	Work rate	Standby rate
Crew chief - Technician	$500	$400
Technician	$500	$400
Field crew men: 3 @ $330	$990	$840
Geonics EM-67 system with auxilliary power modules & 2 receivers	$1,500	$1500
Wire, reels & generator	$65	$65
1 Ton Truck & small trailer	$200	$200
3 ATVs and ATV trailer	$355	$355
Computer & processing software:	$95	$95
Office box, radios, SAT phone	$65	$65
6 man summer camp	$150	$150
Total	*$4,270*	*$3,920*

On-site processing, interpretation and supervision

In the event that the project manager is required to perform on-site data processing, interpretation, client consultation or supervision, this work will be billed at an hourly rate. Only such time that was spend directly in support of the project will be charged and this time will be fully described in a project log accompanying the service invoice.

Field report costs

Estimated field report costs are based on the quantum of work described in this report. Charges for the field report would be as follows:

Base charge	$1,000
Cost per loop	$350

Interpretation, additional data processing and final report costs

Additional data processing for products not included in the field report, interpretation and final report preparation costs would be billed according to the following schedule:

Professional geophysicist	$90 per hour
Technician	$75 per hour
Computer inversion time (3D potential field / EM / IP modelling)	$10 per hour

Plots - large (ANSI D or E)	$15
Plots - small (ANSI B or C)	$10
Reproduction & binding	$cost+15%

AURORA will contact PACIFIC following the delivery of the field report to determine what additional products or services are required and will provide an estimate of costs before commencing work.

Crew charges commence upon departure including the day of departure and cease upon return including the day of return. Crew day rate charges include all costs for the crew and equipment with the exception of consumable items (gas, groceries, etc.) which are billed separately. Standby charges would apply during travel days and if the crew was prevented from working by lack of completed grid, weather, excessive telluric or geomagnetic noise or any other condition not within the reasonable control of AURORA. In the event of a breakdown affecting production, the greater of either the survey rate, prorated on the basis of average production, *or* the standby charges for personnel and any equipment rented from external suppliers would be charged. Any expenses for cargo, rental en-route or expediting associated with the procurement of replacement equipment would be billed to PACIFIC at cost alone.

Other charges

Expenses would include charges for expendable items or services directly related to the job such as gas, groceries, meals, SAT phone time and cargo,

Repair or replacement costs arising from damage to AURORA's equipment resulting from exceptional use at the direction of PACIFIC, will be billed to PACIFIC as an expense.

Project expediting support, project management, provision of interim or partial products (other than the preliminary report), preliminary interpretation, assistance with survey design or other services in support of this project but not specified in this proposal would be billed on an hourly basis. Expediting, technical and professional staff time required exclusively to support the AURORA crew and to deliver the products described herein would not be billable services.

Payment

AURORA would invoice PACIFIC for services and expenses on the 15th and last day of each month. Invoices would be delivered by fax, email and / or surface mail and would include backup for all expenses billed and a project log for service invoices. Payment terms would be net 15 days with a penalty of 2% per month, prorated for fractions thereof, payable on amounts overdue by more than 30 days.

An advance in the amount of $85,000 would be invoiced upon acceptance of this proposal, payment for which would be required by June 1st, 2010. The advance would be applied in pro-rated amounts against invoices for the project. Failure to remit the advance by June 1st, 2010 may, at AURORA's sole discretion, void the contract or force the rescheduling of the survey operations.

AURORA reserves the right to withhold delivery of any final reports other than the preliminary report until all survey charges are paid, and to reschedule the delivery date of final reports, with notice to PACIFIC, if survey charges become overdue. If payments for survey charges fall in arrears by more than 30 days and the survey crew is still in the field, AURORA reserves the right to demobilize the crew with 24 hours warning at PACIFIC's full cost.

j. Liabilities, compliance and confidentiality. AURORA is an independent contractor solely responsible for the actions of its employees and subcontractors. AURORA is registered and in good standing with the Yukon and NWT & Nunavut Workers' Compensation Boards and retains general public liability insurance and vehicle liability insurance in the amount of $5,000,000 for each occurrence. Upon formulation of a contract, insurance and Workers Compensation certificates would be forwarded to PACIFIC if requested. AURORA is licenced to provide services in applied geology and geophysics by the Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories and Nunavut. All data collected by AURORA and the results of any interpretations shall be held strictly confidential and not released to third parties without the express consent of PACIFIC.

k. Acceptance. This proposal is valid until May 7th, 2010. Should PACIFIC decide to accept our offer, we request that you or your authorized representative sign the acceptance where indicated, return a copy of this proposal to us by fax before lapsing, and remit the advance by no later than June 1st, 2010.

Thank you for the opportunity to bid on this work. I look forward to hearing from you concerning our offer and remain,

Yours sincerely,
AURORA GEOSCIENCES LTD.

Warren Kapaniuk
Operations Manager - Whitehorse Office

ACCEPTANCE

I agree to contract Aurora Geosciences Ltd. to perform exploration work at the Burwash Property under the terms of this proposal dated April 19, 2010.

Michael Sweatman
Pacific Coast Nickel Corp.

April 26 2010
Date

APPENDIX XI
INVOICES FROM AURORA GEOSCIENCES

AURORA GEOSCIENCES

Aurora Geosciences Ltd.
3506 McDonald Drive
Yellowknife NT
X1A 2H1

Tel: 867-920-2729 Fax: 867-920-2739

Statement

Date
9/14/2010

Invoice To
Pacific Coast Nickel Corp. Suite 380 - 580 Hornby Street Vancouver, BC V6C 3B6

Amount Due	Terms
$100,375.24	Net 15 Days, 2% Monthly

Date	Description	Amount	Balance
08/14/2010	Balance forward		0.00
	NKL-10534-YT Burwash Protem-		
08/18/2010	PMT #657. Credit to account	-50,000.00	-50,000.00
09/01/2010	INV #9694. Expense Invoice - July 31, 2010 Paid - Sept 28	4,073.76	-45,926.24
09/14/2010	INV #9709. Service Invoice - April 16 - August 25, 2010 Paid - Sept 28	146,301.48	100,375.24

Current	1-30 Days Past Due	31-60 Days Past Due	61-90 Days Past Due	Over 90 Days Past Due	Amount Due
96,301.48	4,073.76	0.00	0.00	0.00	$100,375.24

AURORA GEOSCIENCES

Aurora Geosciences Ltd.
3506 McDonald Drive
Yellowknife NT
X1A 2H1
Tel: 867-920-2729 Fax: 867-920-2739
E-mail: accounting@auroragеosciences.com

Invoice

Date	Invoice #
9/1/2010	9694

Invoice To

Pacific Coast Nickel Corp.
Suite 380 - 580 Hornby Street
Vancouver, BC V6C 3B6

P.O.#	Project
	NKL-10534-YT Burwash Protem

Description	Qty	Unit	Rate	Amount	Tax
BURWASH PROTEM					
Accommodation & meals			① 276.84	276.84T	G
Food - non-taxable			① 1,795.01	1,795.01	.
Food - taxable			① 617.90	617.90T	G
Field supplies			① 8.00	8.00T	G
Gas/propane			① 390.26	390.26T	G
Administration charge on expenses (15%)			② 463.20	463.20T	G
Bulk fuel			① 376.40	376.40T	G
Administration charge on expenses (10%)			② 37.64	37.64T	G
GST on Sales			5.00%	108.51	

②£ = 1603 - Labour Burwash 500.84
①£ = 1608 - Geological Surveys 3464.41
1220 - GST 108.51

Posted

Approved by:	Dave Hildes 2010.09.14 12:13:56 -07'00'	**Subtotal**	$3,965.25
Terms	Net 15 Days, 2% Monthly	**GST**	$108.51
Bank Info:	RBC Institute #003, Transit #09879, Account #1013606	**Total**	$4,073.76
GST/HST No.	886365816		

AURORA GEOSCIENCES

Aurora Geosciences Ltd.
3506 McDonald Drive
Yellowknife NT
X1A 2H1

Tel: 867-920-2729 **Fax:** 867-920-2739

E-mail: accounting@auroragеosciences.com

Invoice

Date	Invoice #
9/14/2010	9709

1320 - Prepaid Exp. $ 115,000.00
② - 1604 - Field Supplies 5,230.00
① - 1608 - Geophysical Surveys 196,009.50
1220 - HST/GST 10,061.98

Posted

Invoice To

Pacific Coast Nickel Corp.
Suite 380 - 580 Hornby Street
Vancouver, BC V6C 3B6

P.O.#	Project
	NKL-10534-YT Burwash Protem

Description	Qty	Unit	Rate	Amount		Tax
BURWASH PROTEM						
Crew & instrument prep			1,000.00	1,000.00T		G
Project management; permitting & project planning	9.25	Hrs	90.00	832.50T		G
Preparation of permitting maps & planning	10.5	Hrs	75.00	787.50T		G
Clerical work for permitting maps	6.5	Hrs	45.00	292.50T		G
Project management; survey QA/QC data processing	19.5	Hrs	90.00	1,755.00T		G
Expediting with truck	14.75	Hrs	60.00	885.00T		G
Expediting in warehouse	3	Hrs	45.00	135.00T		G
Road recce & repair crew	3	Days	1,000.00	3,000.00T		G
Truck & driver to camp	7	Days	500.00	3,500.00T		G
Standby mobe days for 3 man crew - no geophysical gear, extra truck	1	Day	1,825.00	1,825.00T	①	G
Work day for 3 man crew - no geophysical gear, extra truck	1	Day	2,025.00	2,025.00T		G
Work days for 3 man crew - reduced geophysical gear charge with reduced crew	6	Days	2,658.00	15,948.00T		G
Standby days for 3 man crew - reduced geophysical gear charge with reduced crew waiting for cat to get generator up the hill	3	Days	2,458.00	7,374.00T		G
Work days for 4 man crew - one receiver	21	Days	3,440.00	72,240.00T		G
Work days for 6 man crew	11	Days	4,770.00	52,470.00T		G
Demobe day for 6 man crew - no Protem gear	1	Day	2,820.00	2,820.00T		G
Work days for 2 man Protem crew	8	Days	2,610.00	20,880.00T		G
Standby personnel charges only during equipment problems			2,540.00	2,540.00T		G
Standby helper	8.5	Days	280.00	2,380.00T		G
Extra helper	4	Days	330.00	1,320.00T		G
Standby - crew chief/technician	5	Days	400.00	2,000.00T		G
EQUIPMENT						
Extra quad	6	Days	110.00	660.00T		G
Credit for receiver problems	-3	Days	500.00	-1,500.00T	②	G
Extra truck not billed above	6	Days	150.00	900.00T		G

Approved by:		**Subtotal**
Terms	Net 15 Days, 2% Monthly	**GST**
Bank Info:	RBC Institute #003, Transit #09879, Account #1013606	**Total**
GST/HST No.	886365816	

AURORA GEOSCIENCES

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E-mail: accounting@auroraqeosciences.com

Invoice

Date	Invoice #
9/14/2010	9709

Invoice To

Pacific Coast Nickel Corp.
Suite 380 - 580 Hornby Street
Vancouver, BC V6C 3B6

P.O.#	Project
	NKL-10534-YT Burwash Protem

Description	Qty	Unit	Rate	Amount	Tax
Credit for quads in camp - not working	-15	Days	110.00	-1,650.00T	G
Aurora extra Rx abd coil rental	7	Days	500.00	3,500.00T	G
4 man camp rental	35	Days	120.00	4,200.00T	G
Credit for unused quads while 2 man crew	-8	Days	110.00	-880.00T	G
Client advance applied			-65,000.00	-65,000.00	.
GST on Sales			5.00%	10,061.98	

Approved by:	Dave Hildes 2010.09.14 18:23:40 -07'00'	**Subtotal**	$136,239.50
Terms	Net 15 Days, 2% Monthly	**GST**	$10,061.98
Bank Info:	RBC Institute #003, Transit #09879, Account #1013606	**Total**	$146,301.48
GST/HST No.	886365816		

AURORA GEOSCIENCES

Aurora Geosciences Ltd.
3506 McDonald Drive
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Tel: 867-920-2729 Fax: 867-920-2739
E-mail: accounting@aurorageosciences.com

Invoice

Date	Invoice #
9/15/2010	9751

Invoice To

Pacific Coast Nickel Corp.
Suite 380 - 580 Hornby Street
Vancouver, BC V6C 3B6

P.O.#	Project
	NKL-10534-YT Burwash Protem

Description	Qty	Unit	Rate	Amount	Tax
BURWASH PROTEM					
Expenses as per attached					
Instrument rental			9,945.00	9,945.00T	G
Cargo			894.61	894.61T	G
Accommodation & meals			13,567.16	13,567.16T	G
Food - non-taxable			1,207.12	1,207.12	.
Food - taxable			415.70	415.70T	G
Field supplies			27.27	27.27T	G
DC equipment repair			4.49	4.49T	G
Vehicle rental			2,400.00	2,400.00T	G
Gas/propane			2,473.15	2,473.15T	G
Administration charge on expenses (15%)			4,640.18	4,640.18T	G
Helicopter			1,793.00	1,793.00T	G
Administration charge on expenses (10%)			179.30	179.30T	G
Client advance applied			-15,000.00	-15,000.00	.
GST on Sales			5.00%	1,816.99	

02-1603 Labour 4819.48
1608 Geological/Survey 32,727.50
1220 GST/HST 1,816.99
1320 - Prepaid Exp <15,000.00>

Approved by:	Dave Hildes 2010.10.08 11:48:41 -07'00'	**Subtotal**	$22,546.98
Terms	Net 15 Days, 2% Monthly	**GST**	$1,816.99
Bank Info:	RBC Institute #003, Transit #09879, Account #1013606	**Total**	$24,363.97
GST/HST No.	886365816		

AURORA GEOSCIENCES

Aurora Geosciences Ltd.
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E-mail: accounting@aurorageosciences.com

Invoice

Date	Invoice #
9/30/2010	9752

Invoice To

Pacific Ridge Explorations Ltd.
Suite 1100, 1199 West Hasting Street
Vancouver, BC V6E 3T5

P.O.#	Project
	PEX-10564-YT Scroggie Staking

Description	Qty	Unit	Rate	Amount	Tax
SCROGGIE STAKING Expenses as per attached					
Government fees			1,858.02	1,858.02	.
Cargo			321.05	321.05T	G
Airfare & commercial transport			1,020.00	1,020.00T	G
Administration charge on expenses (15%)			479.86	479.86T	G
GST on Sales			5.00%	91.05	

1607 - Government Fees 1858.02
1608 - Geological Surveys 1341.05
1603 - Labour 479.86
1220 - GST/HST 91.05

Posted

Approved by:	
Terms	Net 15 Days, 2% Monthly
Bank Info:	RBC Institute #003, Transit #09879, Account #1013606
GST/HST No.	886365816

Subtotal	$3,678.93
GST	$91.05
Total	$3,769.98

AURORA GEOSCIENCES

Aurora Geosciences Ltd.
3506 McDonald Drive
Yellowknife NT
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Tel: 867-920-2729 **Fax:** 867-920-2739

E-mail: accounting@aurorageosciences.com

Invoice

Date	Invoice #
11/15/2010	9889

Invoice To

Pacific Coast Nickel Corp.
Suite 380 - 580 Hornby Street
Vancouver, BC V6C 3B6

P.O. No.	Project
	NKL-10534-YT Burwash Protem

Description	Qty	Unit	Rate	Amount	Tax
BURWASH PROTEM Expenses as per attached					
Instrument rental			4,240.00	4,240.00T	G
Food - taxable			39.73	39.73T	G
Subcontrators		1	900.00	900.00T	G
Gas/propane			51.64	51.64T	G
Administration charge on expenses (15%)			2 784.71	784.71T	G
Bulk fuel		1	762.49	762.49T	G
Administration charge on expenses (10%)			2 76.25	76.25T	G
Cargo			570.34	570.34T	G
GST on Sales			5.00%	371.26	

1607 - Government Fees < 1858.02 >
1 1608 - Geological Surveys 5,223.15
2 1603 - Labour 381.10
1220 - HST 280.21

Posted

Approved by:	Dave Hildes 2010.12.06 16:51:57 -08'00'	**Subtotal**	$7,425.16
Terms	Net 15 Days, 2% Monthly	**GST/HST**	$371.26
Bank Info:	RBC Institute #003, Transit #09879, Account #1013606	**Total**	$7,796.42
GST/HST No.	886365816		

Less Inv. #9752 < 3769.98 >

4026.44

AURORA GEOSCIENCES

Aurora Geosciences Ltd.
3506 McDonald Drive
Yellowknife NT
X1A 2H1

Tel: 867-920-2729 **Fax:** 867-920-2739

E-mail: accounting@aurorageosciences.com

Invoice

Date	Invoice #
12/21/2010	9936

Invoice To

Pacific Coast Nickel Corp.
Suite 380 - 580 Hornby Street
Vancouver, BC V6C 3B6

P.O. No.	Project
	NKL-10534-YT Burwash Protem

Description	Qty	Unit	Rate	Amount	Tax
BURWASH PROTEM Service Invoice - December 21, 2010					
Project management - Aug 26 - Sept 13	8	Hrs	90.00	720.00T	H12
Expediting - Aug 26 & 27	1.25	Hrs	60.00	75.00T	H12
Geophysical modelling & report writing - Oct 26 - Dec 25	79.25	Hrs	90.00	7,132.50T	H12
Field report for 4 profile loops & 2 sounding loops			3,100.00	3,100.00T	H12
Client advance applied			-5,000.00	-5,000.00	.
HST 12% On Sales			12.00%	1,323.30	

1608 - Geological Surveys 11,027.50
1220 - HST 1,323.30
1320 - Prepaid Exp. (5,000.00)

Posted

Approved by:	Dave Hildes (Signature Not Verified) Digitally signed by Dave Hildes DN: cn=Dave Hildes, c=US Date: 2011.01.13 11:53:25 -08'00'	**Subtotal**	$6,027.50
Terms	Net 15 Days, 2% Monthly	**GST/HST**	$1,323.30
Bank Info:	RBC Institute #003, Transit #09879, Account #1013606	**Total**	$7,350.80
GST/HST No.	886365816		

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X1A 2H1

Tel: 867-920-2729 **Fax:** 867-920-2739

E-mail: accounting@aurorageosciences.com

Invoice

Date	Invoice #
12/31/2010	9979

Invoice To

Pacific Coast Nickel Corp.
Suite 380 - 580 Hornby Street
Vancouver, BC V6C 3B6

P.O. No.	Project
	NKL-10534-YT Burwash Protem

Description	Qty	Unit	Rate	Amount	Tax
BURWASH PROTEM Expenses as per attached					
Communication			758.31	758.31T	H12
Vehicle rental			1,400.00	1,400.00T	H12
Administration charge on expenses (15%)			323.75	323.75T	H12
HST 12% On Sales			12.00%	297.85	

1608 - Geophysical Survey 2158.31
1603 - Labour - Burwash 323.75
1220 - HST 297.85

Posted

Approved by:		**Subtotal**	$2,482.06
Terms	Net 15 Days, 2% Monthly	**GST/HST**	$297.85
Bank Info:	RBC Institute #003, Transit #09879, Account #1013606	**Total**	$2,779.91
GST/HST No.	886365816		