Exploration Assessment Report:

Bird Nest Survey/Line Cutting, Geophysics and Geology Work on the Nickel Shäw Property, Yukon Territory, Canada

Work Applied for Claim Grouping HW07497

(Renewal Certificate Number: QW30153)

Barny 1-6 (YA94968-YA94973)
Barny 7-14 (YA96002-YA96009)
Barny 19-32 (YA96867-YA96880)
Barny 33-39 (YA97896-YA97902)
Barny 41-43 (YA97904-YA97906)
Barny 45 (YA97908)
Barny 47-49 (YA97910-YA97912)
Barny 50 (YB08307)
Kat 1-34 (YD127061-YD127094)
Kat 83-86 (YE70993-YE70996)
Mus 5-6 (YA94966-YA94967)
Mus 12 (YA96015)
Mus 14 (YA96017
Mus 16 (YA96019)

Whitehorse Mining District
Work Performed: July 2018

Nickel Shäw Property Location:

Central Easting (m)	Central Northing (m)
583,330	6,814,671

Coordinates in UTM NAD 83 Zone: 7N
Claim Sheet NTS: 115G05

April 8, 2019

Nickel Creek Platinum Corp. (Owner of 0905144 B.C. Ltd.)
3001 – 130 Adelaide Street West
Toronto, ON, Canada M5H 3P5

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Nickel Creek Platinum, Corp

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1. Nickel Shäw Project Overview

1.1 Location, Physiography, Access

The Nickel Shäw Project (*formerly Wellgreen Project)* is located in southwestern Yukon, in the Kluane Mountain Range, approximately 317 km west of Whitehorse on the Alaska Highway at an approximate latitude of 61°28'N, and longitude of 139°32'W (Figure 1.1). The Government of Yukon maintains the Alaska Highway with the project site at approximately kilometre 1727. The Wellgreen Deposit is accessible by an all-weather 14-km road (the graveled Quill Creek Road) from the paved Alaska Highway that runs through the property, followed by a network of unmaintained trails throughout the property (on Wellgreen deposit tenure) that are utilized for access to drill sites, survey areas and historic trenches.

An all-weather airstrip is located at Burwash Landing approximately 30 km south east of the property, and the nearest food/lodging services are located at Destruction Bay, approximately 70 km south east of the property area (Figure 1.1). The Project lies within the Kluane First Nation core area as defined by the Umbrella Final Agreement (UFA) with the Government of the Yukon, the Council of Yukon First Nations, and the Government of Canada.

The Kluane Range is a continuous chain of foothills along the northeastern flank of the higher elevation St. Elias Mountains. Elevation in the Kluane Range averages 2500 m and is visible from the Alaska Highway. Topography of the Nickel Shäw Property is generally rugged with slopes averaging from 20-30°, with the highest peaks on the property exceeding 1,800 m. Water drainage on the Project is mainly east and then north into the Quill Creek drainage. Vegetation consists of typical alpine vegetation on the hillsides, along with a mixture of pine, spruce, and poplar trees located in the lower elevations and creek beds. Geographically, the project is located on NTS 115G 05 and 115G 06 map sheets.

Glaciation was relatively light in this area with small remnant cirque glaciers occurring on the north facing slopes with glacial valleys lying below. Permafrost is intermittent and has been observed exceeding depths of 30 m from surface, dominantly on the northern slopes.

The regional climate is semi-arid, sub-arctic with relatively warm, dry summers and winters characterized by relatively dry, cold interior conditions but tempered by west coast climate influences. Weather records have been historically recorded at the Burwash Landing weather station (806.8 masl). The area lies in the rain shadow of the Saint Elias Mountains, with average annual total precipitation for the Burwash Landing station of 27.97 cm (11 inches) of which 19.2 cm (7.6 inches) typically falls as rain in summer and the remainder as snow in winter.

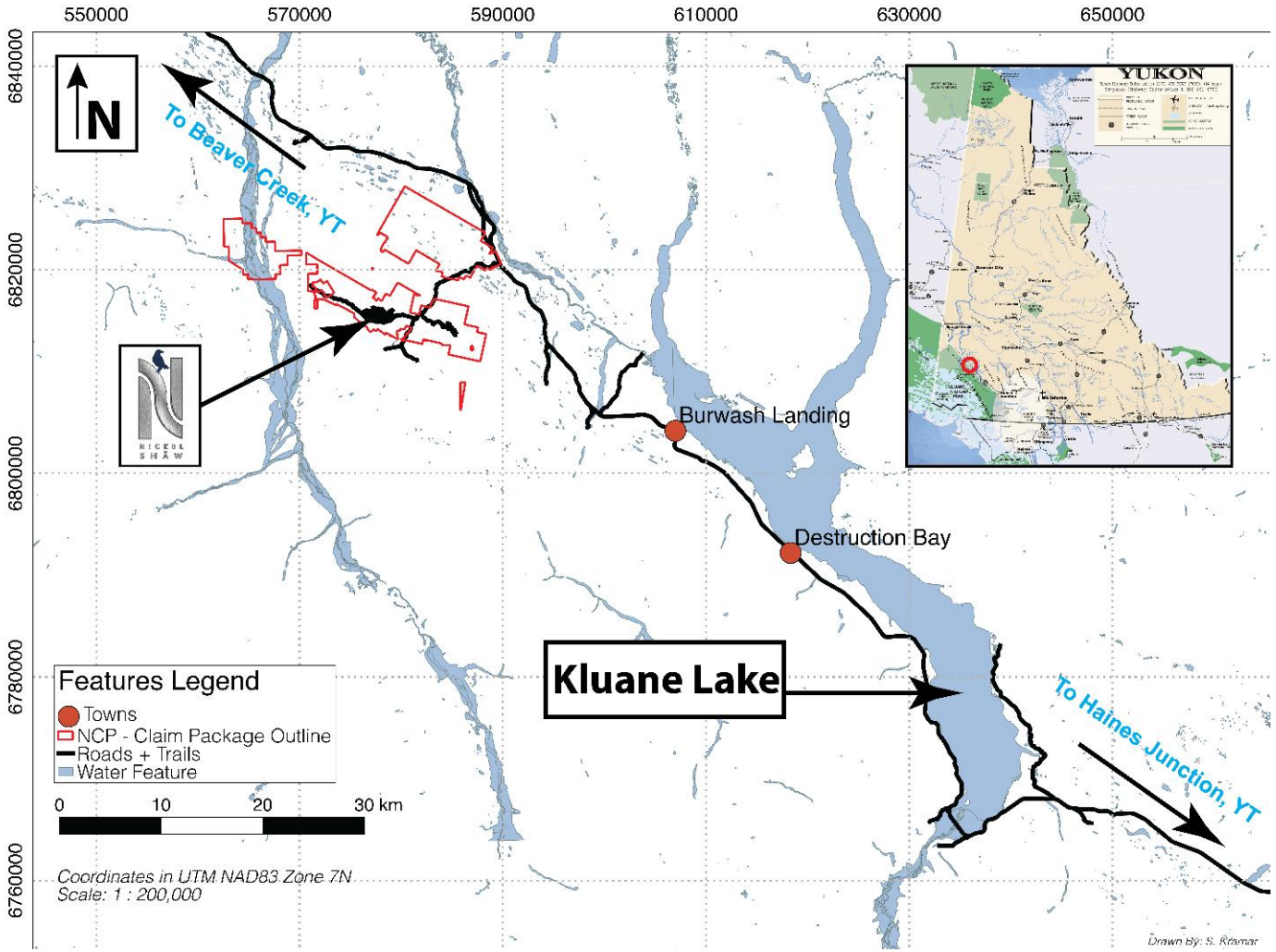

Figure 1.1 *– Nickel Shäw Project Location*

1.2 Claim Ownership

The Project is comprised of 711 mineral claims and 91 mining leases in seven (colloquially named) groups totaling 14,650 ha. The claims were staked as early as 1952 and as recent as 2017, with expiry dates that range from December 2018 to February 2036. The claims cover the known Wellgreen Deposit as well as the Quill, Burwash, Arch, and Formula targets and the QC claims (Figure 1.2). The Arch, Quill, Burwash, and additional Project claims/leases are located contiguous to the known deposit, whereas the Formula, Musk and QC claims are separate packages near the contiguous claims. The Project claims are 100% owned, directly or indirectly, by Nickel Creek Platinum Corp (NCP).

Appendix A details the 86 contiguous claims, (Grouping #: HW07497) status and work applied / requirements that this report is based upon (Figure 1.3). Property geological products (drill core / RC chips, *etc*.) are stored in racks, cross-stacked piles and in sea cans on claim QC2 (YC26570) that is proximal to the Alaska Highway.

1.3 Work Program

The 2018 field exploration season at the Nickel Shäw property began on July 2nd, with exploration activities ending on August 15. Most exploration work occurred overtop of Mining Lease(s), and are not eligible for Claim Assessment Credits. However, as per Figure 1.3, 3 areas of geological mapping (yellow polygons) and 2 survey lines (magenta lines) fall on claim grouping HW07497 and exploration work is eligible for assessment credit. Work performed on claim grouping HW07497 is as follows:

i) Pre-Clearing Bird Nest Survey

On July 10th, 2018 a qualified biologist from Environmental Dynamics Ltd (EDI) and a NCP geologist conducted a breeding bird nest surveys in advance of line cutting.

ii) Line Cutting

On July 16th and July 18th, 2018 two survey lines were cut, measured and picketed by Vision Quest Mineral Innovations (sub contracted through Kluane Community Development Limited Partnership) with support from an NCP geologist.

iii) Ground Based Geophysical Survey

On July 24th and 25th, 2018, two survey lines had an Induced Polarization/DC Resistivity (IP) survey completed, conducted by Aurora Geosciences Ltd.

iv) Geological Mapping

On July 19th thru 23rd and July 25th & 26th NCP geologists conducted surface geological mapping.

The summer exploration objectives were to increase resolution of mapping scale adjacent to the Wellgreen Deposit and to test the geophysical technique of Induced Polarization/DC Resistivity to further use as a viable tool to explore for additional Ni-Cu sulphide mineralization.

These activities were completed in the area under land use permit **LQ00468** granted **to 0905144 B.C. Ltd (*Nickel Creek Platinum Corp.)***

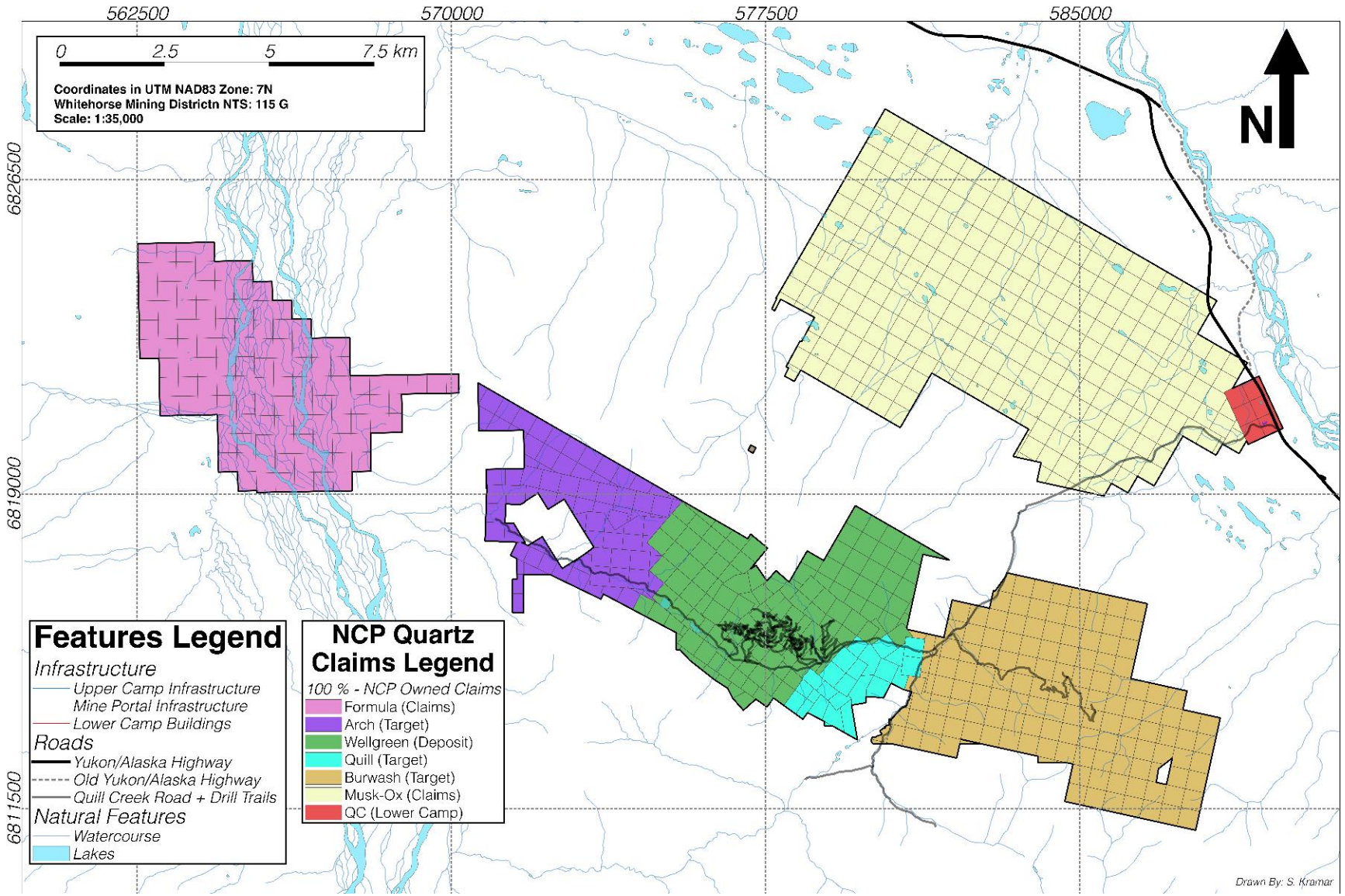

***Figure 1.2** – Map of 0905144 B.C. Ltd.'s tenure package, including colloquial grouping names.*

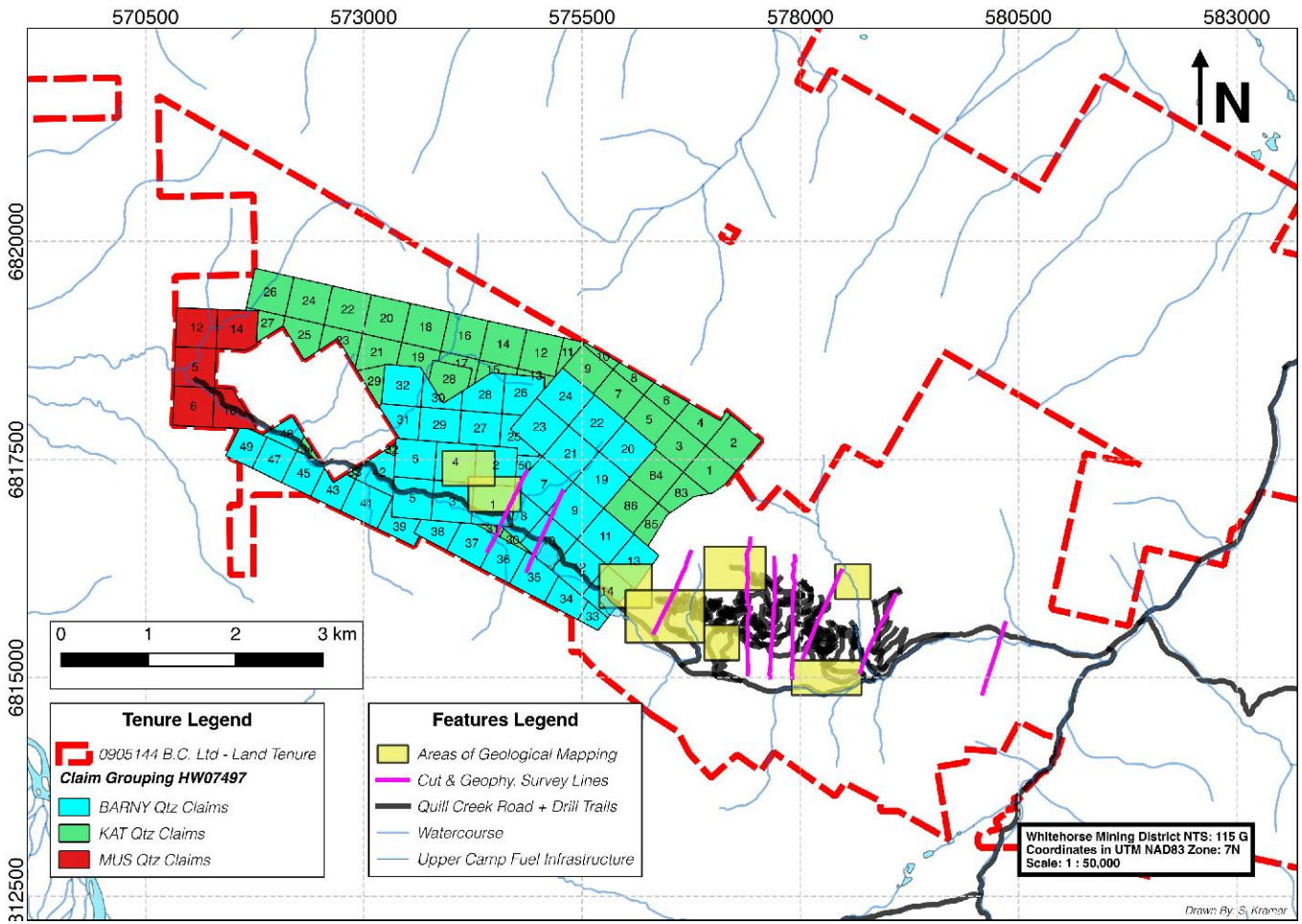

Figure 1.3 *– Map of: i) Nickel Creek Platinum (0905144 B.C. Ltd.) quartz tenure (inside red-hatched polygons), ii) Claim grouping HW07497 (red, blue, green solid polygons) part of MLU Approval LQ00468 (with labeled claim numbers), iii) Bird Nest Survey Lines, Line Cutting Lines, Geophysics Lines (magenta), and iv) Areas of Geological Mapping (yellow polygons).*

**All work credit allocated in this "Assessment Report" is pro-rated to only work (or portions of work) done overtop of claims described above (Claim Grouping HW07497).*

2. Statement of Expenditures

I, James M. Berry, as an agent of 0905144 B.C Ltd (a wholly owned subsidiary of Nickel Creek Platinum Corp.) headquarters located at Suite 3001, 130 Adelaide Street West, Toronto, Ontario, do solemnly declare that a program comprised of preparatory line cutting and bird nest surveys, ground based geophysics and geological mapping was conducted on the 0905144 B.C. (100 %) owned claims (Figure 1.3) in July of 2018.

Expenditures for the case of this report were prorated to a dollar amount that is commensurate with the: i) preparatory work of bird nest surveys in advance support of exploration, ii) line cutting in advance support of exploration, iii) ground based geophysics and geological mapping on (Figure 1.3) claims listed in Appendix B during the 2018 field program, as part of claim grouping HW07497. Reasonable estimations were used in the case that exact dollar amounts could not be isolated from the overall program.

Appendix C presents claimable work totaling $ 29,574.85 CAD (project management, room & board, bird nest survey, line cutting, geological mapping and geophysics) equaling 295.75 'claim years', whereas 294.5 claim years to be applied on the claims stated in Appendix A.

I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act. Declared before me at Toronto in the Province of Ontario this 8th day of April, 2018.

James Berry, PG RM-SME
Chief Geologist

3. Procedures/Methods

This section described the particulars of the work program as outlined in Section 1.3. All activities were based from NCP's "Lower Camp" facilities, whereas field organization, camp arrangements, planning and execution logistics. The staff at Kluane Community Development Limited Partnership (KCDLP) supported camp setup, camp maintenance, logistics and food services.

3.1 Bird Nest Survey / Line Cutting

In advance of line cutting, a Qualified Biologist(s) (Dawn Hansen) from Environmental Dynamics Inc., with support from NCP staff (Steven Kramar), conducted a "Pre-Clearing Bird Nest Survey", to ensure environmental impacts during the course of line cutting and geophysics were minimized. The EDI staff is knowledgeable about birds in the area in addition to their nesting habits, and have had several seasons of experience conducting nest surveys.

The Survey consisted of searching for nests and for birds exhibiting nesting behavior within 10-20 m of the proposed geophysics cut-lines. Survey transects consisted of meandering "S" – shaped transects that crisscrossed across the centre of the proposed cut line. Transect spacing was approximately 2-5 m to enable thorough searching of vegetation. The NCP staff primarily walked the center of the line aided by sight/GPS and flagged the centre line so the line cutting team could stay on course to where bird nest survey had occurred. The results of the "Pre-Clearing Bird Nest Survey(s)" for the cut geophysics lines (described below) are such that no bird nests were located and thus line cutting and geophysics could proceed with no remediation measures necessary pertaining to birds.

Line cutting and station picketing (wooden laths identifying 25 m straight-chained distance along a cut line) was undertaken in advance of the ground-based geophysical survey program. Figure 1.3 presents exploration lines cut during the course of 2018 field activities. Specifically, the two exploration lines associated with this report are shown in magenta (Figure 1.3) overtop of Claim Grouping HW07497 and are both 1,100 m in length, with a width up to (but not exceeding) 1 m.

Line cutting was conducted primarily by chainsaw for lower elevation in thicker bush, and by machete when bushes were thinning out with increased elevation. At the highest elevations, no cutting was required and only picket placement was needed. Table 3.1 presents the GPS locations for every 50 m along cut lines, whereas elevation data was derived from LiDAR survey data. Figure 3.1 presents the locations (described in Table 3.1) of the survey lines (cut and picketed) in addition to locations of geological interest.

Line cutting was conducted by *Vision Quest Mineral Innovations* (subcontracted through Kluane Community Development Limited Partnership –KCDLP) and was supervised by NCP staff, and the KCDLP Environmental Monitor.

Table 3.1 – GPS Locations of Survey Stations

Station ID	Line	Zne	Eastng	Northng	Elev (m)	Station ID	Line	Zne	Eastng	Northng	Elev (m)
0	A1	07V	574428	6816449	1330	0	A2	07V	574871	6816222	1344
50	A1	07V	574446	6816491	1308	50	A2	07V	574890	6816266	1330
100	A1	07V	574465	6816534	1291	100	A2	07V	574907	6816309	1315
150	A1	07V	574488	6816576	1280	150	A2	07V	574924	6816350	1297
200	A1	07V	574508	6816626	1275	200	A2	07V	574941	6816390	1275
250	A1	07V	574531	6816666	1275	250	A2	07V	574962	6816434	1274
300	A1	07V	574550	6816714	1272	300	A2	07V	574983	6816480	1273
350	A1	07V	574567	6816758	1272	350	A2	07V	575004	6816525	1272
400	A1	07V	574591	6816804	1278	400	A2	07V	575022	6816569	1272
450	A1	07V	574612	6816849	1283	450	A2	07V	575046	6816615	1272
500	A1	07V	574636	6816896	1287	500	A2	07V	575064	6816655	1287
550	A1	07V	574652	6816931	1298	550	A2	07V	575080	6816694	1312
600	A1	07V	574670	6816968	1326	600	A2	07V	575097	6816731	1342
650	A1	07V	574692	6817008	1354	650	A2	07V	575113	6816769	1371
700	A1	07V	574709	6817041	1377	700	A2	07V	575132	6816806	1399
750	A1	07V	574727	6817088	1395	750	A2	07V	575152	6816847	1433
800	A1	07V	574750	6817122	1411	800	A2	07V	575166	6816880	1461
850	A1	07V	574771	6817164	1429	850	A2	07V	575181	6816913	1489
900	A1	07V	574788	6817200	1450	900	A2	07V	575197	6816958	1498
950	A1	07V	574810	6817240	1474	950	A2	07V	575218	6817001	1498
1000	A1	07V	574827	6817282	1500	1000	A2	07V	575237	6817045	1488
1050	A1	07V	574847	6817314	1518	1050	A2	07V	575258	6817092	1475
1100	A1	07V	574866	6817353	1541	1100	A2	07V	575277	6817132	1478

** Coordinates in UTM UPS NAD83 Zn: 7N*

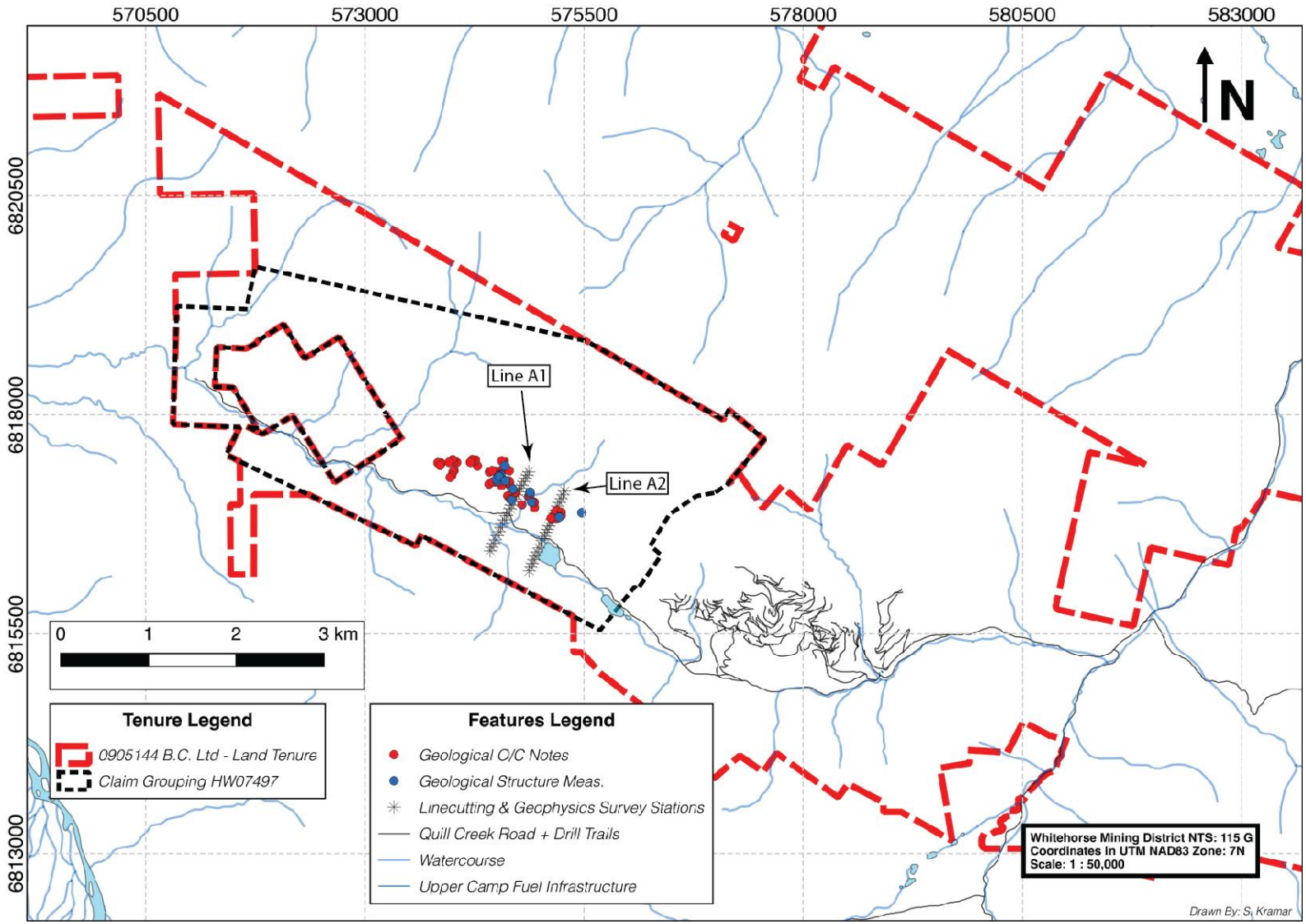

Figure 3.1 *– Map Locating Line Cutting, Geophysics and Geology Work performed on HW07497 Claims Grouping (with spatial reference to the rest of the property, including the Wellgreen deposit, approximately centred on the drill trail network).*

3.2 Geological Mapping

In tandem with the geophysical survey, geological field mapping occurred for 7 days in the work area as outlined in Figure 3.1. Geological mapping included lithological and feature description, structural measurements and estimation of economic minerals if present. Geological notes and hand samples were taken back to the NCP camp facilities and were entered into spreadsheets (Appendix D & E). Field mapping sheets were scanned and digitized into 3D mining software in order to create interpretative geology maps (Figure 3.2).

3.3 Induced Polarization (IP) / DC Resistivity Survey

IP/ DC resistivity lines A1 and A2 were run in the "Arch" claims area July 24th and 25th of 2018, respectively. The survey was conducted in a pole-dipole type array with electrode spacing 50 m apart. A GDD TxII transmitter(s) powered by a 5 kW gasoline generator supplied current injection with injection sites positioned on the same axis as survey electrodes. Data was acquired by an ELREC Pro (10 channel) receiver, measuring an array of 500 m and data was processed to produce 2D pseudo section plots of data lines. Pseudo section plots were terrain corrected by relating x-y geospatial data from handheld GPS units with known LiDAR in the area for more accurate elevation(s). Data was processed at the end of each field day for QA/QC purposes, and finalized in a field-memorandum shortly after the entirety of the survey was completed. Figures 3.3 and 3.4 show the processed data of the geophysics survey for lines A1 and A2, respectively. Appendix F presents the survey data.

Preliminary observations from survey data on Line A1 (Figure 3.3) shows anomalous shallow IP response in the northern section of the line, along with low(er) resistivity. This response is likely characterized by near surface ultramafic rocks (with some concentration of nickel/copper sulphides) and is observed in surface exposures of ultramafic units during field mapping (Figure 3.2). Line A2 shows little to no response in IP, and changes in resistivity (Figure 3.3) are likely attributed to lithological change from volcanic dominated geology (on the southern portion of the line) to sedimentary dominated geology (northern portion of the line). No surface exposures of ultramafic units were observed in this area during field mapping.

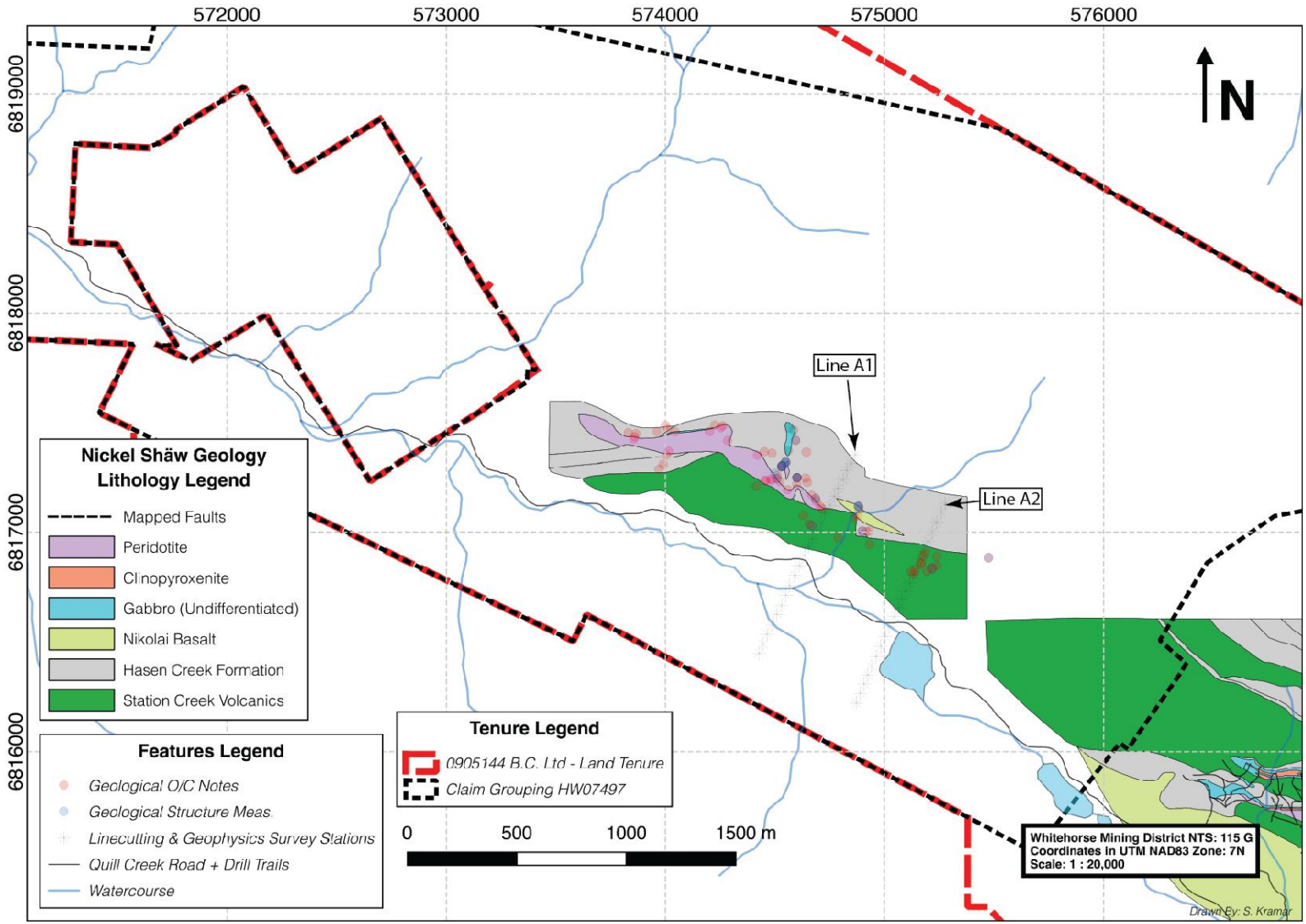

Figure 3.2 *– Arch Area Surface Geology Map, 2018 with outcrop locations and IP/Resistivity lines.*

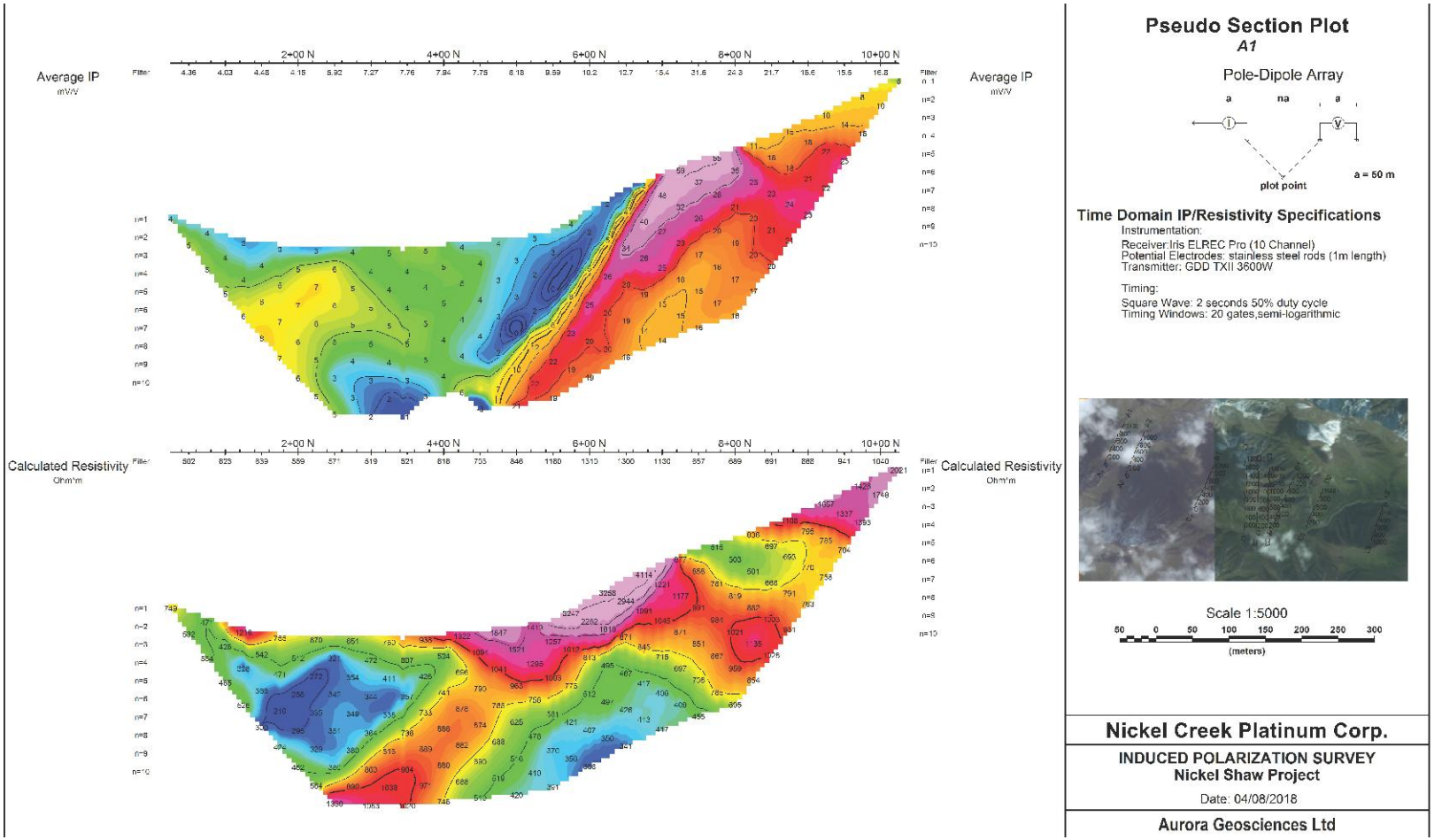

Figure 3.3 *– Pseudosection from Line A1 (IP/DC Resistivity Geophysical Survey – Image provided by Aurora Geosciences Ltd.)*

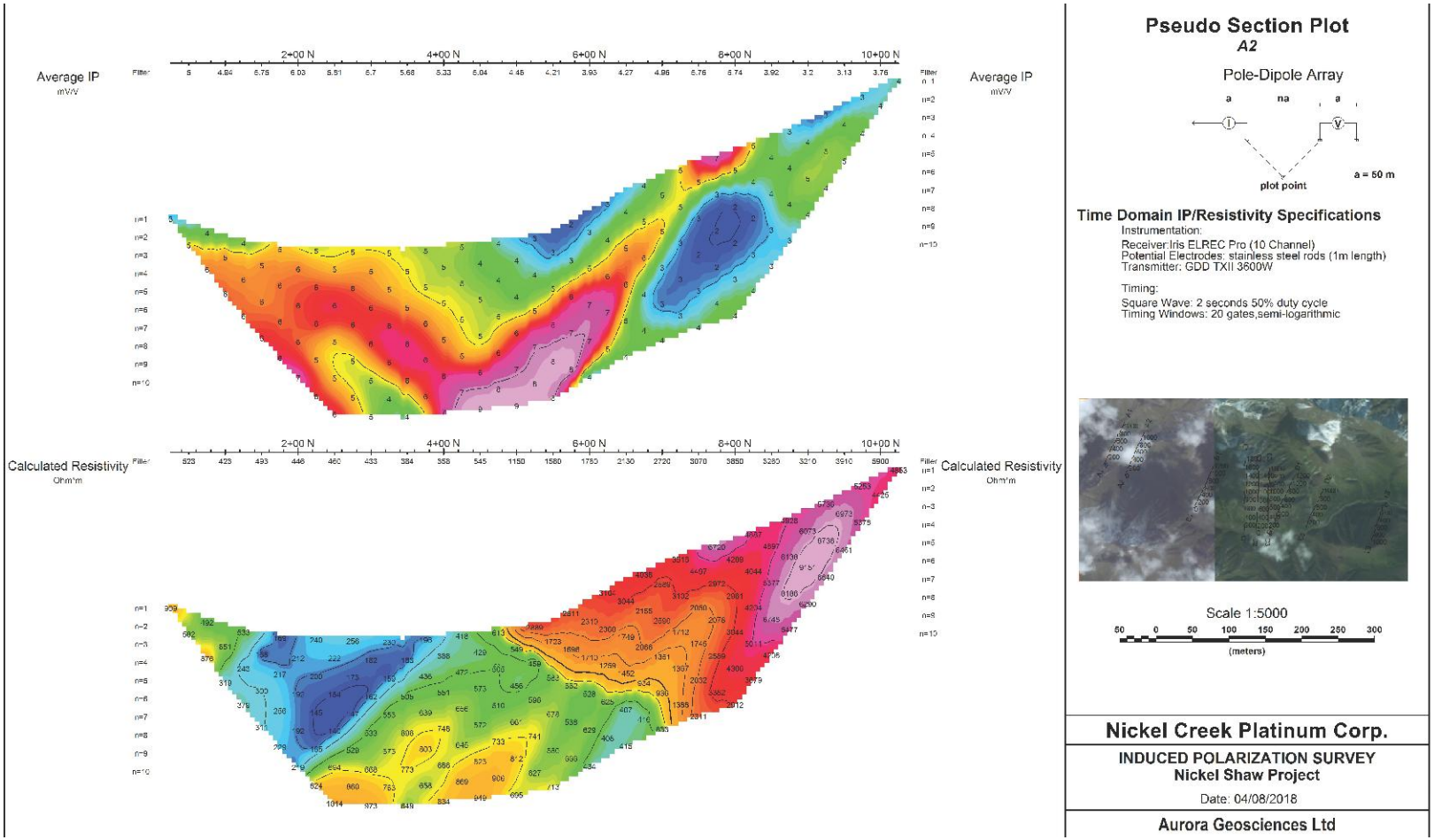

Figure 3.4 *– Pseudosection from Line A2 (IP/DC Resistivity Geophysical Survey - Image provided by Aurora Geosciences Ltd.)*

4. Project History

The property has extensive history spanning ~ 65 years of work. The following table summarizes the work conducted on the property.

Year	Company	Activity
1952	Wellington Green, C. Aird, & C. Hankins	-Discovered surface showings.
1952	Hudson Bay Exploration & Development (HBE&D)	-Property optioned from prospectors by subsidiary of Hudson Bay Mining and Smelting Co. (HBM&S).
1952	Yukon Mining	-Ownership transferred to HMB&S subsidiary Yukon Mining Company from HBM&S subsidiary HBE&D.
1952	Yukon Mining	-45,500 m of surface drilling completed.
1953	Yukon Mining	-57,700 m of surface drilling completed.
1954	Yukon Mining	-60,400 m of surface drilling completed.
1955	Hudson Yukon Mining	-Ownership transferred to HMB&S subsidiary Hudson Yukon Mining Company from HBM&S subsidiary Yukon Mining Company.
1955	Hudson Yukon Mining	-32,400 m of surface drilling completed.
1953-1956	Hudson Yukon Mining	-4,267 m of underground development on seven levels and two internal shafts. -Metallurgical test work including a pilot plant. -Historical ore reserves estimated at 500,000 tons @ 1.34% Cu and 2.14% Ni.
1956-1967	Hudson Yukon Mining	-Idle.
1968	Hudson Yukon Mining	-Ground geophysics (magnetics and electromagnetics). -Soil survey.
1966-1970	Hudson Yukon Mining	-Metallurgical work completed at Lakefield Research, HBM&S, Lurgi Frankfurt, and Sumitomo.
1969	Hudson Yukon Mining	Feasibility Study completed with historical "Proven Reserves" estimated at 669,150 tonnes @ 2.04% Cu, 1.42% Ni, 0.073% Co, 1.30 g/t Pt, 0.93 g/t Pd and 0.17 g/t Au.
1970	Hudson Yukon Mining	-Property placed in production with concentrate to be shipped to Sumitomo in Japan. -Development consisted of slashing out exploration drifts, development of sub-levels, construction of mine dry, powerhouse, and compressor facility. -Mill with a 600 ton/day concentrator and town site established 11.5 km from mine adjacent to the Alaska Highway.
1972	Hudson Yukon Mining	-Milling began on site.

1973	Hudson Yukon Mining	-Milling suspended due to falling metal prices, excessive dilution, and unexpected erratic distribution of massive sulphide lenses. -A total of 171,652 tonnes were milled to produce 33,853 tonnes of concentrate. Grades of the concentrate based on smelter returns was; 2.23% Ni, 1.39% Cu, 1,300 ppb Pt, 920 ppb Pd, 171 ppb Au, 400 ppb Rh, 420 ppb Ru, 250 ppb Ir, 200 ppb Os, and 200 ppb Re. -Mine and mill dismantled and all equipment shipped to Snow Lake, Manitoba.
1981	Foothills Pipelines	-Leased the mill site and town site.
1986	All-North/Chevron	-Option to earn 50% interest of the Property from Hudson Yukon Mining Company.
1987	Galactic Resources	-Purchased 100% interest in Hudson Yukon Mining Company from HBM&S for $6.8 million and 3% NSR on the Hudson Yukon Mining Company portion of base metal and precious metal produced from the Property. -Acquired All-North Resources as a wholly owned subsidiary. Transfer title of the Hudson-Yukon Wellgreen to All- North. Resulting Wellgreen ownership All-North 75% - Chevron 25%
1987	All-North/Galactic	-Conducted 1:2500 geological mapping, 50 x 100 m spaced soil sampling, 100 x 20 m spaced VLF-electromagnetic and magnetic survey, 15 bulldozer trenching totaling 10,000 m3. -4,932 m of diamond drilling in 45 holes.
1987	Kluane JV	-Joint venture formed between All-North Resources, Chevron Minerals, Pak-Man Resources and Rockridge Mining to explore on the Arch Joint Venture claims. Operated by Archer Cathro. -1:10,000 geological mapping and sampling, very-low frequency (VLF) and magnetic survey, 50 hour of bulldozer trenching.
1988	Kluane JV	-Road construction and bulldozer trenching -Three diamond drill holes totaling 173.5 m
1988	All-North/Chevron	-4250 level was rehabilitated. -5,500 m of diamond drilling in 34 holes was completed underground. -6,073 m of diamond drilling in 37 holes completed on surface. -Klohn Leonoff carried out preliminary engineering surveys to evaluate mill and tailings disposal sites. -Norecol carried out preliminary environmental survey including water quality and wildlife study.
1989	All-North	All-North acquires Chevron Minerals interest in the Arch Joint Venture and the Wellgreen Property
1989	All-North/Chevron	-Watts, Griffis and McOuat (WGM) complete a historical reserve estimate for both the East and West Zones. -"Probable Reserve": 46,700,000 tons @ 0.34% Cu, 0.36% Ni, 0.015 opt* Pt, 0.010 opt Pd. -"Possible Reserve": 8,500,000 tons @ 0.36% Cu, 0.035% Ni, 0.012 opt Pt, 0.009 opt Pd. -Metallurgical studies conducted at Lakefield Research, Inco tech, and CANMET -Pre-feasibility completed by WGM
1993	Galactic Resources	-Files for bankruptcy in Canada
1994	Northern Platinum	-Signs option agreement with All-North to earn 80% interest in the Property, with a 50% back in right to J.P. Sheridan.
1996	Northern Platinum	-57 4.5 inch rotary percussion drill holes totaling 3,900 m.
1999	Northern Platinum	-Agrees to purchase the remaining interest (20%) of the Property from All North

2001	Northern Platinum	-Surface drill program discovers the North Shear Zone, located 500 m north of the Wellgreen deposit.
2005	Coronation Minerals	-Entered option agreement with Northern Platinum to earn 100% of the Property for $25 million.
2006	Coronation Minerals	-Eleven diamond drill holes totaling 2,016 m
2007	Coronation Minerals	-Three underground diamond drill holes totaling 577 m
2008	Coronation Minerals	-Thirteen diamond drill holes totaling 4,654m. -854 line km of Helicopter-borne aeromagnetic survey. -NI43-101 report completed by WGM.
2009	Northern Platinum	-Ten diamond drill holes totaling 2,058 m
2010	Northern Platinum	-Six diamond drillholes totaling 2,138m
2010	Prophecy Resources	-Acquires Northern Platinum -Completed one diamond drill hole totaling 117 m
2011	Prophecy Platinum	-New company created through the sale of Prophecy Resources nickel assets to Pacific Coast Nickel Corp. Pacific Coast Nickel Corp then changes its name to Prophecy Platinum Corp. Prophecy Platinum issues Technical Report and Resource Estimate report. Prophecy Platinum drills six holes totaling 1925 m.
2012	Prophecy Platinum	-Prophecy Platinum drills 22 holes totaling 5566 m. Prophecy Platinum releases a Preliminary Economic Assessment report on the Wellgreen Project.
2013	Prophecy Platinum/Wellgreen Platinum	Prophecy Platinum drills 2 holes totaling 213 m and installs 9 water monitoring wellsites for environmental purposes. The wellsites totaled 553 m of drilling. Prophecy Platinum Corp changes its company name to Wellgreen Platinum Ltd in December 2013.
2014	Wellgreen Platinum	Wellgreen Platinum drills 2916m of drilling in 8 drillholes.
2015	Wellgreen Platinum	Wellgreen Platinum drills 48 holes in 2 drill campaigns; 3835 m in 23 holes during the summer, and 5169 m in 25 holes during the fall winter, using RC and diamond rigs for a total of 9004 m. A PEA study was released in March, 2015.
2016	Wellgreen Platinum	Wellgreen Platinum drills 2503 m of drilling in 13 RC / diamond drill holes.
2017	Wellgreen Platinum	Wellgreen Platinum drills 2720 m of drilling in 15 diamond drill holes for infill and metallurgical samples.
2018	Nickel Creek Platinum	Wellgreen Platinum changes its name to Nickel Creek Platinum Corp. and renames the entire property package the “Nickel Shäw” project, to reflect the strong connection to Kluane First Nation and the Kluane area. “Shäw” is the Southern Tutchone word for “big” and the project name translated means “Big Nickel.”
2018	Nickel Creek Platinum	Nickel Creek Platinum conducts a field exploration program focused on improving the scale of resolution of geological mapping, geotechnical understand, and a test geophysics program to understand geophysical response of the main deposit and how it relates to prospective areas adjacent to the main deposit. The company also updates the project resource, finishes Phase II of metallurgical test work and releases an updated 43-101 technical document.

5. Geology

The following section is an edited/reduced version of the most updated geological understanding of the project, from the 43-101 compliant technical document *"Nickel Creek Platinum Corp. Ni-Cu-PGM Project, Yukon, Canada, 2018 NI 43-101 Resource Update"* with effective date September 25, 2018, and filed on November 9, 2018. For further geological background, please refer to that document (www.sedar.com).

5.1 Regional Geology

The Project is located within the Insular Superterrane, which is dominantly composed of two older terranes (Wrangellia and Alexander) that were amalgamated at approximately 320 million years (Ma) (Figure 5.1). These terranes are comprised of island arc and ocean floor volcanic rocks overlain by thick assemblages of oceanic sedimentary rocks that range in age from 220 to 400 Ma. Wrangellia exhibits a package of platform-type limestones that are several kilometres thick conformably overlying a 230 Ma old package of volcanic rocks (the Nikolai Group) that are present on the Project.

The Project is part of the Kluane Ultramafic Belt, situated in the southwest portion of the Wrangellia Terrane that spans from Vancouver Island, north through British Columbia (BC), into Alaska (Figure 5.2). The Northern Wrangellia terrane is fault bound by the dextral strike-slip Denali Fault to the northeast (Yukon-Tanana Terrane) and the Duke River Thrust Fault to the southwest (Alexander Terrane, Cobbett and others, 2010). In the southwest Yukon, Wrangellia comprises Paleozoic through to mid-Mesozoic volcanic and sedimentary rocks that are overlain by Triassic subaerial flood basalts and complementary intrusive rocks and is designated a Large Igneous Province (LIP). The ultramafic intrusives of the Wrangellia Terrane represent one of the largest tracts of nickel-copper-PGM mineralization in North America, second in size to the Proterozoic Circum-Superior Belt in Northern Quebec that rims the Archean Superior province (Hulbert, 1997).

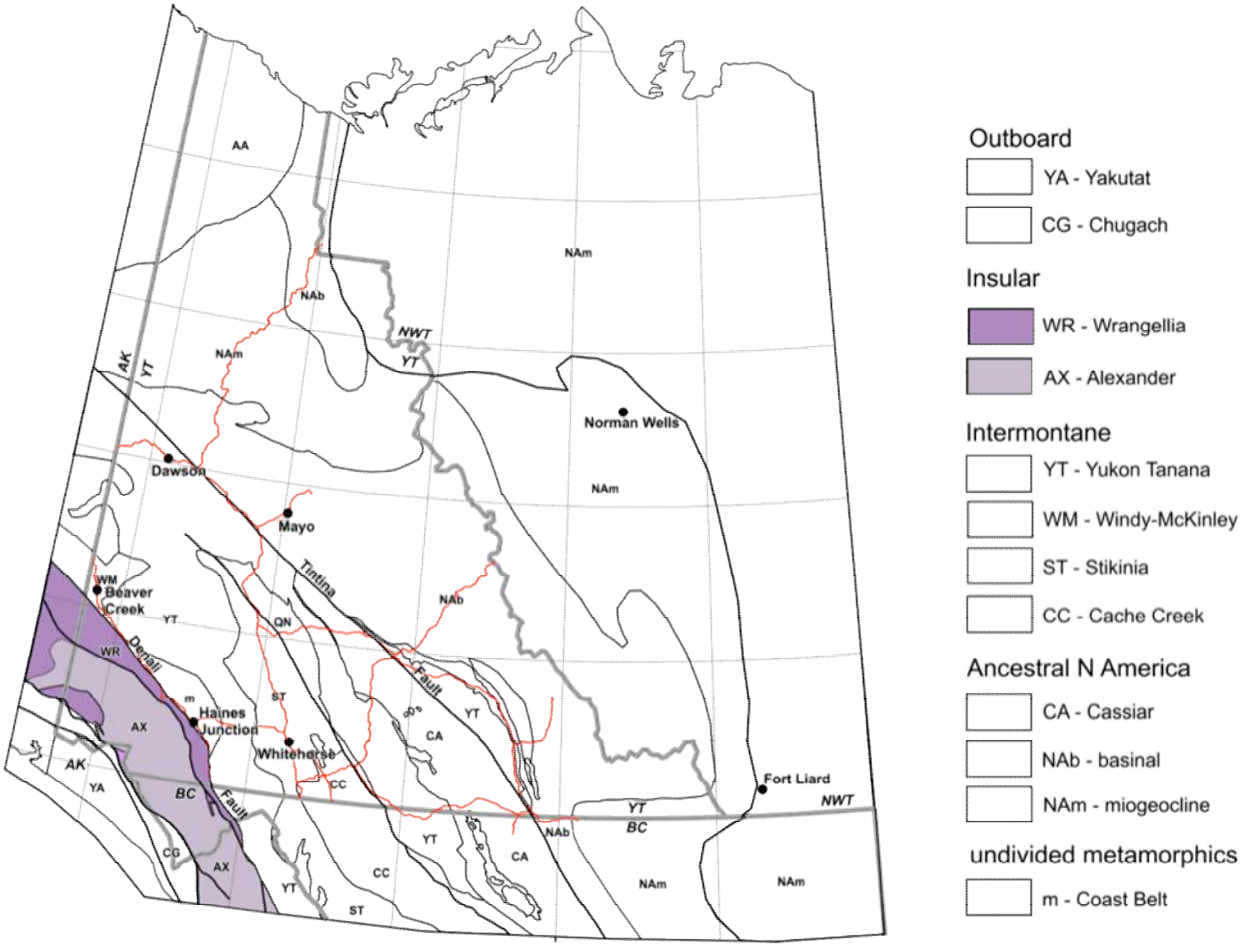

Figure 5.1 *– Wrangellia and Alexander Terranes (figure courtesy of Yukon Geological Survey)*

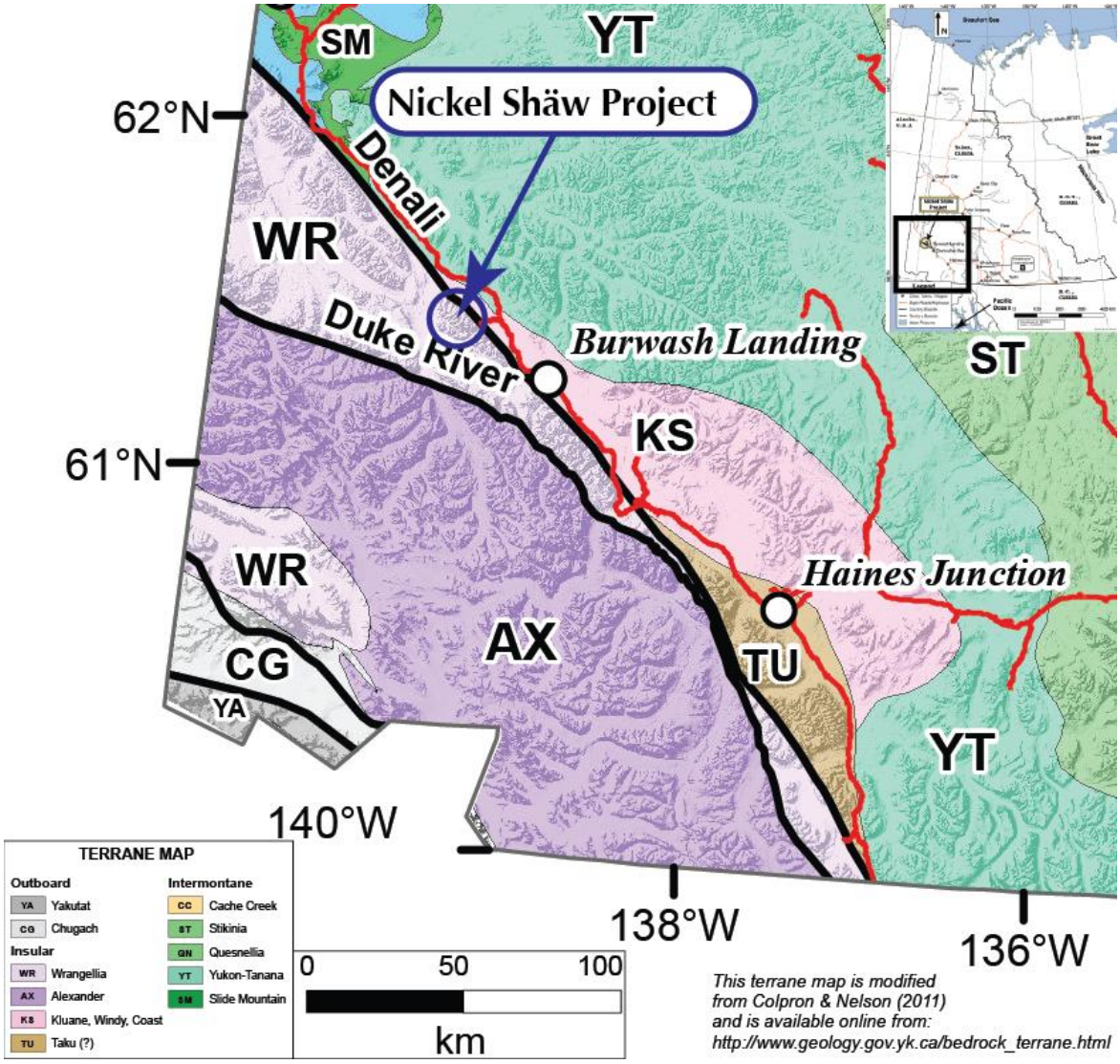

Figure 5.2 *– Regional Geologic Setting (Modified from Colpron & Nelson, 2016)*

The oldest stratified rocks that represent the base of the Yukon Wrangellia Terrane belong to the Skolai Group (Smith and MacKevett, 1970; Read and Monger, 1976). This group consists of the Pennsylvanian to Permian Station Creek and the Hasen Creek Formations. The Station Creek Formation, named for the type of section in eastern Alaska, includes Early Mississippian (354 Ma) mafic volcanic rocks overlain by volcanic breccia, tuffs, and volcanogenic sandstone. The Station Creek Formation is considered to represent back-arc oceanic crust that was overlain by arc volcanic detritus. Conformably overlying the Station Creek Formation is the Hasen Creek Formation, a sequence of conglomerate, sandstone and siltstone turbidites, and limestone. The Hasen Creek Formation is Permian in age and is likely the result of sedimentation occurring during the subsidence of the Mississippian-Pennsylvanian Arc.

The Skolai Group is unconformably overlain by the Middle and Late Triassic Nikolai Group generally consisting of basalt flows with minor intercalated limestone. The basalt is the hallmark of Wrangellia and is found throughout the terrane from Alaska to Vancouver Island (Karmutsen Formation). The Nikolai volcanic rocks are up to 3000 m thick and mainly subaerial, vesicular to amygdaloidal flows. Rare pillows occur near the base of the formation, and these volcanic rocks are overlain and occasionally intercalated with carbonate horizons of the Chitistone Limestone. The limestones are likely atoll reefs, formed as the volcanic plateau subsided. Deeper marine sedimentary rocks of the McCarthy Formation overlie the carbonate rocks.

Accompanying the eruption of the Nikolai volcanic rocks are the voluminous mafic-ultramafic intrusions. These mafic and ultramafic intrusions are common throughout the area and are generally located near the contact between the Station Creek and Hasen Creek Formations. These include gabbro, clinopyroxenite, peridotite and dunite of the Kluane mafic-ultramafic complex. The intrusions commonly exhibit magmatic sulphide associated nickel-copper-PGM and gold mineralization. These sills, which represent individual members of the Kluane Ultramafic Belt, along with the 232 + 1 Ma Maple Creek Gabbro (Mortensen and Hulbert, 1991) are interpreted as feeders for the Nikolai Formation flood basalts (Israel and van Zeyl 2005). The Maple Creek Gabbro occurs as a series of dikes and plugs that are observed to crosscut the sills of the Kluane Ultramafic Belt and in one case are exposed as feeders to the Nikolai Group basalt (Hulbert, 1997).

5.2 Local Geology

Israel and van Zeyl (2004) provide the most recent, complete regional geological mapping for the Project as illustrated in Figure 5.3. Hulbert (1997) also provides a description and discussion of detailed geology and interpretation covering the Wellgreen Deposit area from maps completed by Archer, Cathro and Associates, who have compiled and reinterpreted exploration results for the Kluane JV programs carried out on behalf of All-North. However, the descriptions and classifications of the geological framework for the Project from these sources are not consistent.

The oldest rocks of the Skolai Assemblage are represented by the Pennsylvanian Station Creek Formation. The Station Creek Formation underlies significant portions of the Project and is interpreted to be roughly a few hundred m's thick. The formation is composed of basaltic to andesitic, light to medium green volcanic flows, breccias and tuffs that grade into tuffaceous sandstones, moving up section. Pyroclastic breccias and limestone are locally present in this formation but are discontinuous.

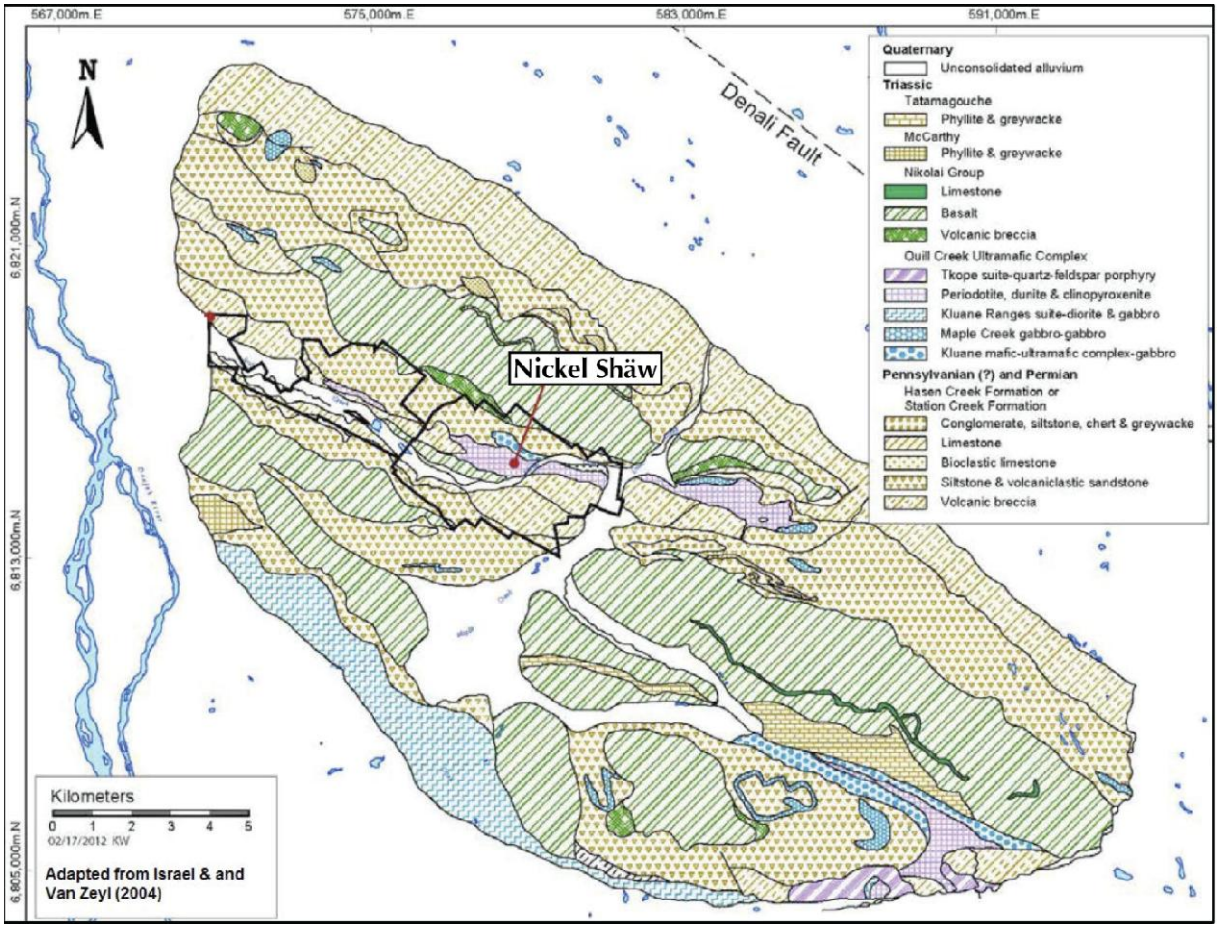

Figure 5.3 *– Geology of the Quill Creek Area (Adapted and Modified from Israel & Zeyl, 2004)*

The Station Creek Formation is conformably overlain by the Permian Hasen Creek Formation and is defined as beginning where pyroclastic deposition of Station Creek is no longer apparent. The Hasen Creek Formation can be divided into two end-members (upper and lower). The lower end-member is dominantly composed of grey-black phyllite, quartzite, greywacke, cherty argillite, and siltstone. The upper member is dominated by shaley to massive limestone. Discontinuous beds of red-brown conglomerates, massive greywacke, and sandstone interbedded in the limestone horizons are also present. These rocks are folded into a series of parallel, sometimes overturned, synclines and anticlines.

The Hasen Creek Formation rocks are unconformably overlain by locally amygdaloidal flood basalt, volcanic breccias, and limestones of the Middle to Late Triassic Nikolai Group. This sequence of basalt flow contains minor interbedded limestone, and the sequence is capped by a carbonate unit. The flows are generally thin, vesicular to amygdaloidal, and locally haematitic suggesting either a shallow water or subaerial depositional environment. The Nikolai Group rocks are also folded into a series of southeast-northwest trending anticlines and synclines.

In the Wellgreen Deposit area, Nikolai Group mafic volcanics occur in the area immediately south of the Quill Creek Complex. The volcanics have been interpreted to be in fault contact with the upper part of the Quill Creek Complex and Station Creek Formation rocks (Israel and van Zeyl 2005).

There is an abundant series of relatively small intrusions into Paleozoic metasedimentary rocks and the Quill Creek Complex. They are mapped as andesitic to gabbroic dikes and plugs that are part of the Maple Creek Gabbro and are likely correlated with the Nikolai Formation. Hulbert (1997) describes these same rocks as felsic dikes, which may have been gabbro dikes that experienced post-emplacement alteration. Many of these small intrusions are associated with the northeast-southwest oriented faults that cut the stratigraphic sequence and the Quill Creek Complex, while others are parallel to the structural grain of the Station Creek and Hasen Creek Formations.

The middle to late Triassic Kluane mafic-ultramafic suit is volumetrically important in the Kluane Range. These mafic-ultramafic intrusions occurred preferentially between the Station Creek Formation and the Hasen Creek formation and appear to be sill-like in nature. This complex consists of strongly serpentinized dunite, peridotite, clinopyroxenite, and a marginal gabbro unit along the contact of the footwall rocks. This discontinuous gabbro unit occurs at the base of the sill. It is in the pyroxene rich and gabbro phases that the higher-grade, disseminated, net-textured, and massive sulphide mineralization occurs.

The Early Cretaceous intermediate and felsic intrusives belonging to the Kluane Ranges Suite represent the youngest rocks on the Project. These felsic dikes commonly cross-cut the mafic-ultramafic units and have been observed parallel to bedding in the Hasen Creek Formation.

Longitudinal faults and/or shears are common in the ultramafic rocks and some of these faults occur along lithological contacts. Hulbert (1997) describes two western faults as west-dipping reverse faults. Two faults present in the western portion of the Wellgreen Deposit intrusion offset the mafic-ultramafic rocks and dip steeply to the southeast.

5.3 Property Geology

The Wellgreen Deposit occurs within, and along, the lower margin of an Upper Triassic (Kluane) ultramafic-mafic body, within the Quill Creek Complex. This assemblage of mafic-ultramafic rocks is 20 km long and closely intrudes along the contact between the Station Creek and Hasen Creek formations. The main mass of the Quill Creek Complex, the Wellgreen Deposit, and Quill intrusions, is 4.7 km long and up to 1 km wide. A smaller mass of similar intrusive, located along strike to the northwest, is known as the Arch intrusive. The Burwash intrusion is located to the southeast and is likely a continuation of the Quill intrusion.

The Wellgreen Deposit portion of the Quill Creek Complex consists of a main intrusion and an associated group of upright to locally overturned, steeply south dipping sills. Based on drill information, the northernmost sill called the North Arm, and the main Wellgreen Deposit sill appear to be contiguous at depth in the eastern end of the deposit.

The Quill Creek Complex layered intrusion gradationally transitions from peridotite to clinopyroxenite to gabbro with a corresponding increasing sulphide and mineralization content through this sequence toward contact with the Paleozoic sedimentary country rocks. The intrusions are serpentinized and locally deformed. Locally, the sills have a lower gabbroic margin adjacent to a chilled contact with Paleozoic rocks. Recent observations indicate that many of these marginal gabbros may actually be endo-skarn units that appear to be the direct result of digestion and hybridization of limestone present in the Hasen Creek country rocks by the Wellgreen Deposit parent magma(s). Mafic-rich exo-skarns also occur in the floor rocks adjacent to the marginal gabbro, particularly where the metasedimentary host rock includes limestone or calcareous rocks. The intrusives are zoned upwards/southward away from the lower gabbroic zone through zones of clinopyroxenite and peridotite.

This zonation may be directly related to the degree of interaction with the reactive wall-rocks and appears to reflect the relative sulphide content of the rocks with the highest sulphide content at the lower margins grading up to the least sulphide content in the upper parts of the tabular intrusion, mostly as peridotite.

Figure 5.4 presents the bedrock geology of the Wellgreen Deposit adjacent area (on the Nickel Shäw property) as best understood by the current extent of surficial mapping and drilling data.

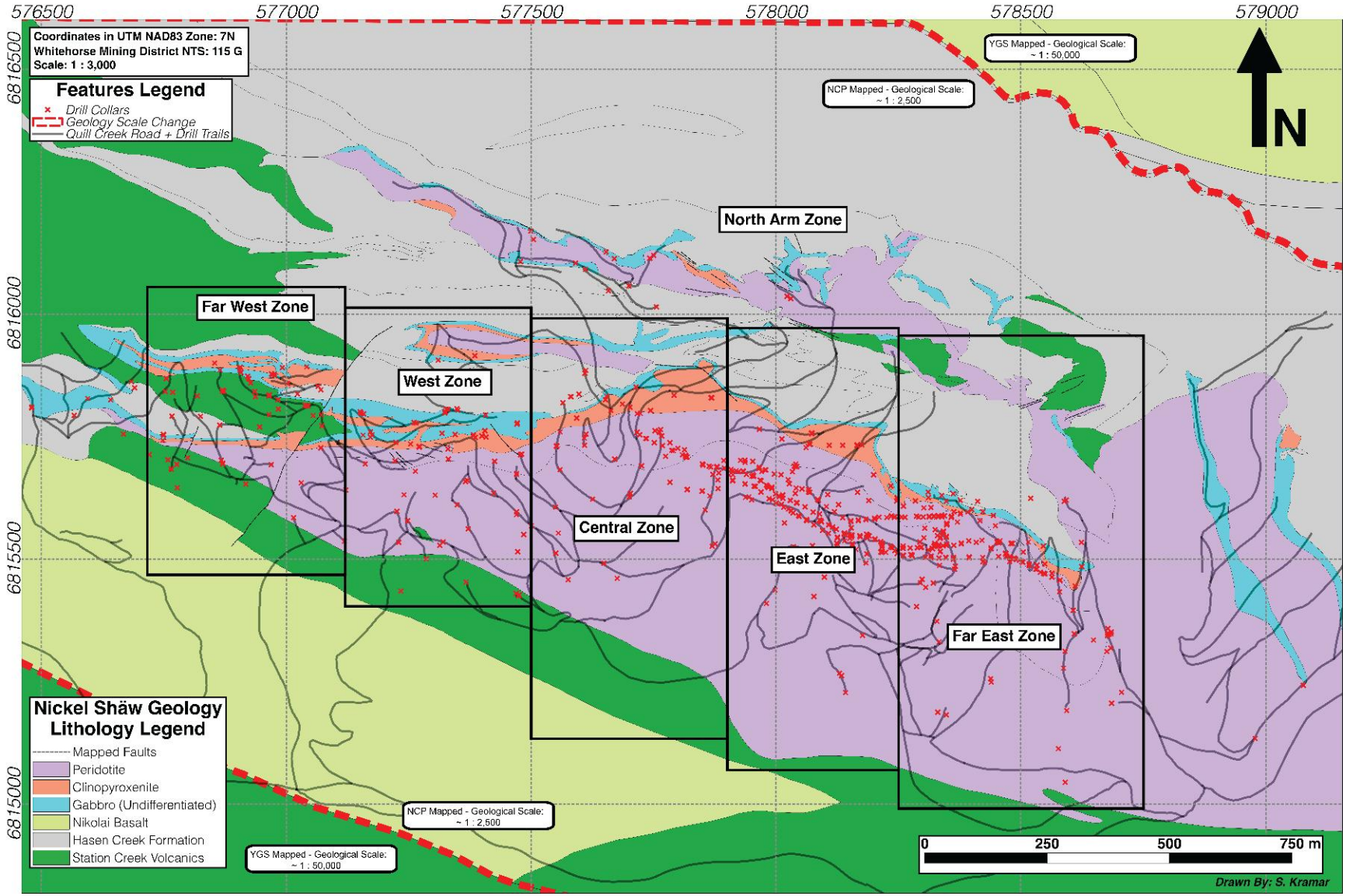

***Figure 5.4** – Property Geology of Nickel Shäw (Nickel Creek Platinum, 2018)*

6. Discussion, Recommendations, Conclusion

Previous exploration has identified Ni-Cu-PGM mineralization within grouped claims HW07497. The purpose of the field mapping exercise was to determine the extent of potential host rocks for the mineralization and to determine their orientation for follow-up exploration. It is recommended to continue detailed field mapping between the grouped claims (Arch) and the west end of the Wellgreen deposit to better understand the structural geology in order to determine if there is potential for Ni-Cu-PGM mineralization at depth.

Prior geophysical surveys at Nickel Shäw had consisted of magnetic, VLF, electromagnetic and bore hole electromagnetic surveys. These surveys were used to identify potential host rocks to Ni-Cu-PGM mineralization and to identify semi-massive or massive sulfides. This years IP/DC Resistivity survey was intended to test if the method could identify disseminated sulphides that make up the bulk of the mineralization at Nickel Shäw and to determine the depth of exploration for the method. Once the IP/DC Resistivity method was tested, exploration lines were ran including the two over claim grouping HW07497. These lines were used to identify potential targets and areas of interest for additional work.

The eastern line on claim group did not identify any ultramafic host rocks within the depth of exploration. No additional geophysical work is recommended for this area. The western line did identify potential ultramafic units that could host Ni-Cu-PGM mineralization. Additional IP/DC Resistivity lines or a 3D IP/DC Resistivity survey is recommended for this area. Drill testing may be warranted if the detailed IP/DC Resistivity indicates significant disseminated sulphides. In order to identify higher grade mineralization in this area, a time domain electromagnetic survey may be warranted.

8. Statement of Qualifications

I, James McCoy Berry, of 21655 Gold Dust Trail, Nemo, South Dakota, USA, do hereby certify:

I hold a B.A. in Geology from the University of Tennessee, (Knoxville, Tennessee) awarded in 1989.

I am a practising Professional Geologist (**PG**) in good standing with South Carolina Department of Labor, Licensing and Regulation. I am also a Registered Member of the Society of Mining, Metallurgy and Exploration.

I have been working since 1990 in mineral exploration for precious metals in North Carolina, South Carolina, South Dakota and Nevada. I have been working in nickel, copper and PGE's exploration since 2016 in Yukon Territory.

I hold the position of Chief Geologist at Nickel Creek Platinum Corp. (*100 % Owner of 0905144 B.C. Ltd.*)

The information, conclusions and recommendations in this report are based on collaboration of other professional colleagues involved with various aspects of exploration & environmental on the property and in review of the literature stated in the references. I have prepared this report on behalf of 0905144 B.C. Ltd. (Wholly owned subsidiary of Nickel Creek Platinum Corp.)

This report may be used for the development of the property, provided that, no portion will be used out of context in such a manner as to convey meanings different from that set out in the whole.

I am unaware of any material fact or material change with respect to the technical matter of this report that might cause the technical report to be inaccurate or misleading

James Berry, PG RM-SME
Chief Geologist

SME
Society for Mining, Metallurgy & Exploration
James M. Berry
SME Registered Member No. 4153007
Signature
Date Signed April 9, 2019
Expiration date

JAMES BERRY REGISTERED No 2559 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

9. References

Cobbett, R., Israel, S and Mortensen, J., 2010, The Duke River fault, southwest Yukon: Preliminary examination of the relationships between Wrangellia and the Alexander terrane. In: Yukon Exploration and Geology 2009, K.E. MacFarlane, L.H. Weston and L.R. Blackburn (eds.), Yukon Geological Survey, p. 143-158.

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Smith, J.G. and MacKevett, E.M., 1970. The Skolai Group in the McCarthy B-4, C-4 and C-5 quandrangles, Wrangell Mountains, Alaska. U.S. Geological Survey, Bulletin 1274-Q, 1-26 p.

APPENDIX A: Claims Lists & Work Applied For

Appendix A *– Claim Status Report & Work Applied For*

Claim Name	Claim No.	Grant No.	Expiry Date	Claim Owner	% Owned	Mining District	NTS Map		Grouping	Permit	Claim-Years Used	New Expiry Date
BARNY	1 - 6	YA94968 - YA94973	**11-Feb-2019**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	30	**11-Feb-2024**
BARNY	7 - 14	YA96002 - YA96009	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05	F	HW07497	LQ00468	32	**11-Feb-2024**
BARNY	19 - 32	YA96867 - YA96880	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	42	**11-Feb-2023**
BARNY	33 - 39	YA97896 - YA97902	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	21	**11-Feb-2023**
BARNY	41 - 43	YA97904 - YA97906	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	9	**11-Feb-2023**
BARNY	45	YA97908	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	3	**11-Feb-2023**
BARNY	47 -49	YA97910 - YA97912	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	9	**11-Feb-2023**
BARNY	50	YB08307	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05	F	HW07497	LQ00468	3	**11-Feb-2023**
KAT	1 -34	YD127061 - YD127094	**05-Dec-2019**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	110.5	**11-Feb-2023**
KAT	83 -86	YE70993 - YE70996	**05-Dec-2019**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	17	**11-Feb-2024**
MUS	5 - 6	YA94966 - YA94967	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	6	**11-Feb-2023**
MUS	12	YA96015	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	4	**11-Feb-2024**
MUS	14	YA96017	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	4	**11-Feb-2024**
MUS	16	YA96019	**11-Feb-2020**	0905144 B.C. Ltd.	100.00	Whitehorse	115G05		HW07497	LQ00468	4	**11-Feb-2024**

Claim-Years Allocated: 294.5

APPENDIX B: Work Performed on Claims

Appendix B *– Work Performed On Claims*

ID	Grant No.	Name	No.	Permit
286778	YA94968	Barny	1	LQ00468
183253	YA94969	Barny	2	LQ00468
183250	YA94970	Barny	3	LQ00468
192143	YA94971	Barny	4	LQ00468
160013	YA96002	Barny	7	LQ00468
73522	YA96003	Barny	8	LQ00468
80177	YA96004	Barny	9	LQ00468
252300	YA96005	Barny	10	LQ00468
296055	YA96006	Barny	11	LQ00468
189548	YA96007	Barny	12	LQ00468
210669	YA96008	Barny	13	LQ00468
90404	YA96009	Barny	14	LQ00468
121756	YA97898	Barny	35	LQ00468
260725	YA97900	Barny	37	LQ00468
136532	YB08307	Barny	50	LQ00468
206489	YD127091	Kat	31	LQ00468

APPENDIX C: Work Expenditure

Appendix C *– Work Expenditure (Summary, page 1 of 6)*

HW07497 WORK-IN-LIEU CALCULATION

Project Management	$5,982.35
Room & Board	$4,100.00
Bird Net Survey	$1,007.48
Line Cutting	$3,608.68
Geological Mapping	$6,660.92
Geophysics	$8,215.15
Total	**$29,574.58**

Appendix C *– Work Expenditure (Supervision/Room & Board, page 2 of 6)*

Project Management

Days	Supervison Particulars	Steven Kramar
10-Jul-18	Bird Survey	$543.85
16-Jul-18	Line Cutting	$543.85
17-Jul-18	N/A	$0.00
18-Jul-18	Line Cutting	$543.85
19-Jul-18	Geol. Mapping	$543.85
20-Jul-18	Geol. Mapping	$543.85
21-Jul-18	Geol. Mapping	$543.85
22-Jul-18	Geol. Mapping	$543.85
23-Jul-18	Geol. Mapping	$543.85
24-Jul-18	Geophy.	$543.85
25-Jul-18	Geophy. & Geol. Mapping	$543.85
26-Jul-18	Geol. Mapping	$543.85
	Total Supervision Allocation	***$5,982.35***

Room & Board

Person Days = $100/day

Activity	Person-Days	
Supervison	11	$1,100.00
Line Cutting	6	$600.00
Geological Mapping	15	$1,500.00
Geophysics	8	$800.00
Bird Nest Surveys	1	$100.00
	Total Room & Board Allocation	***$4,100.00***

Appendix C – Work Expenditure (Bird Nest Survey, page 3 of 6)

Bird Nest Survey Details

Contractor	Survey - # People	Date	Days	Rate / Day		Total	Allocation
(EDI)	1	10-Jul-18	Full		959.50	959.50	959.50
			Sub-Total			**959.50**	**959.50**
			EDI Sub-Total				959.50
			EDI Total (Post-Tax)				**1,007.48**

Total Bird Nest Survey Allocation **1,007.48**

Dawn Hasen (EDI) Day Rate
$959.50

Appendix C – Work Expenditure (Line Cutting, page 4 of 6)

Line Cutting Details

Contractor	# People	Date		Days	Rate/ Person	Total	Allocation
(Vision Quest)	2	16-Jul-18		Full	500	1,000	1,000.00
	2	18-Jul-18		Full	500	1,000	1,000.00
			Sub-Total			**2,000.00**	**2,000.00**
	Equipt (ATV)	**Date**		**Days**	**Day Rental**	**Total**	**Allocation**
		16-Jul-18		Full	150	150	150.00
		18-Jul-18		Full	150	150	150.00
			Sub-Total			**300.00**	**300.00**
							Allocation
	Sub-Total						2,300.00
	KCDLP Mark-up (5%)						115.00
	Total KCDLP Invoice Cost (Pre-Tax)*						2,415.00
	Total KCDLP Invoice Cost (Post-Tax)*						**2,535.75**

NCP Internal	# People	Date		Days	Rate/ Person	Total	Allocation
	1	16-Jul-18		Full	416	416	416.00
	1	18-Jul-18		Full	416	416	416.00
			Sub-Total			**832.00**	**832.00**
	Supplies	**Vendor**				**Total**	**Allocation**
	2/9th of cost**	ALX (Post Tax Invoice Amount)				1,084	240.93
			Sub-Total			**1,084.20**	**240.93**

Total Line Cutting Allocation	**$3,608.68**

* Line cutting contractor was sub'ed through KCDLP, that has a 5 % service mark-up

** The supplies are allocated to 2 of the total 9 lines cut during linecutting

Ben Gruenke (NCP) Day Rate
$416.00

Appendix C– Work Expenditure (Geological Mapping, page 5 of 6)

Geological Mapping Details

NCP Internal	# People	Date	Days	Wages	Allocation
	2	19-Jul-18	Full (Andrew, Ben)	884	884.00
	2	20-Jul-18	Full (Andrew, Ben)	884	884.00
	2	21-Jul-18	Full (Andrew, Ben)	884	884.00
	2	22-Jul-18	Full (Andrew, Ben)	884	884.00
	2	23-Jul-18	Full (Andrew, Ben)	884.00	884.00
	-	24-Jul-18	N/A	-	-
	3	25-Jul-18	Full (James, Andrew, Ben)	1,356.92	1,356.92
	2	26-Jul-18	Full (Andrew, Ben)	884.00	884.00
			Sub-total		6,660.92

Total Geol. Mapping Allocation **$6,660.92**

Day Rates		
Andrew Nyman	Ben Gruenke	James Berry
468.00	416.00	472.92

Appendix C – Work Expenditure (Geophysics, page 6 of 6)

Geophysics Details

Contractor
(Aurora Geosciences)

Survey - # People		Date	Days	Rate/ Crew	Total	Allocation
	4	24-Jul-18	Full	3,300	3,300	3,300.00
	4	25-Jul-18	Full	3,300	3,300	3,300.00
		Sub-Total			**6,600.00**	**6,600.00**
Equiptment Prep					**Total**	**Allocation**
2/17th of the cost*					2,000	235.29
		Sub-Total				**235.29**
Reporting (Post-Survey)					**Total**	**Allocation**
2/17th of the cost*					2,000	235.29
		Sub-Total				**235.29**
Internal Contractor Management		**Date**	**Days**	**Rate/Day**	**Total**	**Allocation**
		24-Jul-18	Full	125	125	125
		25-Jul-18	Full	125	125	125
		Sub-Total				**250.00**
			Aurora Geosciences Subtotal			7,085.29
			Aurora Geosciences Total (Post-Tax)			**7,439.56**

Contractor
(T. Weiss Geophy.)

Data QA/QC					Total	Allocation
2 / 17th of Invoice Cost					6,593	775.59
			Total (No Tax)			**775.59**

Total Geophys. **8,215.15**

* 2 of the 17 total survey days were allocated

APPENDIX D: Geological Mapping Notes

Appendix D *– Geological Mapping Field Data (Outcrops)*

Reference #	Easting	Northing	Unit	Structure	Measurement	Description
	574788	6816975	Station Creek	N/A		Large outcrop of Station Creek exposed along Arch Creek, ~15m high and continues well up the creek valley. Greyish - green with sub milimeter rounded, subhedral to anhedral, milky white clasts. Also <mm mafic clasts
	574862	6817068	Station Creek	N/A		Continuation of prevous outcrop with progressively more garnet and epidote in veins and fracture surfaces. Possible gradational contact or chill zone with basalt
	574878	6817076	Nikolai Basalt	N/A		5m wide X 3m tall outcrop of basalt with abundant amygdules. Marroon to greenish - grey color. With abundant epidote on weathered surfaces. Contact trends roughly 0 North +/- 15. Contact is gradational with shear zones over 50cm and occurs 4m up the cliff exposure
	574884	6817104	Station Creek	N/A		Transitional contact from basals into station creek. Occurs over 3m horizontal distance.
	574881	6817119	Hazen Creek	contact	300/80	Parallel foliation between 2 units with rough contact measurement. Black argillite on either side of contact with rubble inbetween. Other side of contact is Hazen Creek sandstones. Light green with some oxidized & weathered out pyrite grains. Massive and Qtz rich.
1	574695	681700	Peridotite	N/A		Peridotite talus talus/ float outcrop
2	574713	6817109	Argillite	N/A		4 X 3m outcrop of black, massive, fine grained, qtz rich
3	574705	6817119	Station Creek	N/A		Sedimentary unit composed of qtz rich, light grey -green, fine grained W/ possible mafic clasts. Undecided between station creek or Hazen
4	574687	6817143	Peridotite	N/A		Farthest extent of peridotite. Abundant ta.c/ serpentine & Chl alteration. Moderately to strongly magnetic
4B	574685	6817154	Peridotite	contact	270/90	Contact between seds to west and peritotite to east. Sharp contact within 20cm, outlined by sulfide staining. Possible bedding of 270/ 90 top facing north
				contact		
5	574667	6817170	Argillite	N/A		Massive, black, aphanitic
6	574647	6817228	Hazen Creek	N/A		outcrop of seds, likely Hazen but questionable clasts ~4mx 3m
7	574640	6817248	Tuff	N/A		Zone of tuff float where almost every rock is tuff. Medium grained with coarse irregular quartz clasts in a massive sandy matrix
8	574549	6817321	Hazen Creek	Bedding	158/51	centre of 30x5m hazen creek sandstone outcrop with well preserved beds and intercalations of argillite. Chill margin on end of sandstone outcrop 236/46 ~2" thickcontact black on outside brown on inside, progressively lighter on the sandstone side of the contact.
				N/A	174/63	bedding measurments on each end of the outcrop
9	574531	6817301	Hazen Creek	Bedding	195/58	Hazen Creek seperated from previous outcrop by a change in bedding direction and change in stress. Possibly displaced by a thrust fault. Ourcrop has tightly spaced near vertical joints and beds are deformed beyond recognition
10	574561	6817373	Gabbro	N/A		Possible gabbro? Sugary texture, medium to coarse grained, grey, and higher magnetic susceptibility than surrounding sedimentary rocks
11	574487	6817360	Hazen Creek	N/A		Aphanitic, massive green - grey
12	574420	6817351	Peridotite	N/A		Thin exposure of peridotite, ~10m X 3m tall, upper exposure contains CPX on the margins. <0.5 sulfides
13	574452	6817367	Hazen Creek	N/A		Fine grained, grey , massive, 3m outcrop at end of cat trail
14	574283	6817418	Peridotite	N/A		Contact between Hazen creek and Peridotite. Hz is roughly 20m widewith a 2ft dike of Peridotite cutting through in a roubly contact. Very little sulfides present, strong adcumulate texture near contact
15	574600	6817221	Argillite	N/A		25m x 2m outcrop of moderately fissile argillite, black, massive. Grades into a fine grained brown - grey sandstone
16	574606	681720	Peridotite	N/A		Beginning on coordinates
17	574630	6817077	Gabbro	N/A		Possible Gabbro with larger equigranular matrix, a few well crystalized mafics and some minor sulfides. No foliation
18	574657	6817037	Station Creek?	N/A		Gren, massive groundmass with <mm feldspar clasts & 5mm mafic porphyroclasts
19	57444	6817224	Peridotite	N/A		~20m wide, <5% sulfides, minor staining on southwest exposure, fracture controlled, pinhead sulfides consisting of cpy, po, & py
	574455	6817236	Peridotite	N/A		end of outcrop. Notheast exposrure
20	574482	6817243	Peridotite	N/A		strong sulfide/ oxide staining throughout outcrop. Begins in typical peridotite to south with zones of rusty cpx peridotite throughout the interval.
	574511	6817261	Peridotite	N/A		end of outcrop. In Hazen Creek sandsstone. Prd, contacts Hz over 3m with some mixing and pockets of massive sulfide of unknown continuity. Hz has strong malachite precipitation on fractures & <2% blebby & disseminated sulfides near the contact. Sulfides decrease uphill from the outcrop as possibly from less weathered material has been removed by excavation
21	574415	6817210	Station Creek	N/A		Station creek outcrop, grey matrix, sporadic elongate mafic clasts up to 3mm
22	574509	6817246	Hazen Creek	Bedding	170/68	reliable accuracy of measurement but possibly in a raft of sediments since surrounding Hz creek seds show no bedding
23	574558	6817194	Hazen Creek	N/A		massive with beds erased. Contact between Hazen and Peridotite contains <1m massive sulfides with high electrical conductivity and pervaseive oxidezed sulfide staining. Grades into massive peridotite with decreasing sulfide staining farther from contact.
24	574668	6817030	Feldspar dyke	contact	124/44	contact of feldspar dyke with Station Creek above.
25	574252	6817477		N/A		Southwest extent of next outcrop
26	574261	6817486	Peridotite	N/A		~2m lense of heavily oxidized/ sulfide stained, peridotite with peridotite on either side and Hazen aboe. Peridotite on either side is heavily oxidized although to a lesser degree. Abundant assimilation and rafts of Hazen ranging from 1m blocks to 10m rafts
27	574225	6817489	Hazen Creek	N/A		5x4m Hazen Creek outcrop

Reference #	Easting	Northing	Unit	Structure	Measurement	Description
29	574045	6817458	Peridotite	N/A		hazen to north & peridotite to south. Contact is gradational with weak sulfide staining . Hazen rocks appear cooked and show strong fabric but lack a distinct contact point. Contact occurs over 2-3m with a possible marginal gabbo at the contact zone. Gabbro is characterized by coarser grain size, higher magnetic susceptibility than hazen and lower than peridotite. Magnetic sus in Gab of 1, dark green with plagioclase. some CPX along contact. Minor sulfides <0.5%, gabbro dwindles to east where CPX increases.
30	574016	6817369	Peridotite	N/A		Contact between peridotite to North and Hazen creek to south. Hazen creek is aphanitic, quartz rich, gren-green. Malachite precipitation is present near contact. Fair amount of sulfide staining. No chlorite, no fabric or clasts in the sed. Unit.
31	574004	6817352	Hazen Creek	N/A		Contact between Hazen to north and station creek to the south. Sharp contact occuring within 1m and characterized by a shear zone with abundant closely spaced joints and calcite precipition around joints.
32	573990	6817310	Hazen Creek	N/A		Contact between hazen argillite and station creek below (south). Sharp contact, Station creek is quartz rich, medium to fine grained with a few mafic clasts.
33	573970	6817288	Hazen Creek	N/A		Base of cliff. Hazen sandstone with intercalated of argillite and a wedge of station creek in the cliff. Malachite staining on lower cliff in sporadic occurances.
34	574010	6817471	Hazen Creek	N/A		3x3m outcrop of hazen creek standstone protruding from hillside
	574000	6817488	Argillite	N/A		Argillite float 24" deep
35	573960	6817460	Argillite	N/A		Argillite outcrop in drainage, very rubbly and decomposed
36	573860	6817436	Peridotite	N/A		Peridotite outcrop in drainage. Decomposed and covered by overburden, found by digging into bank. Strongly magnetic ith <0.5% sulfides
	573865	6817450	Float	N/A		Peridotite and gabbro and argillite float in drainage in equal amounts. Largest pieces are argillite.
37	573830	6817454	Argillite	N/A		3x3m outcrop of argillite
	573855	6817425	Float	N/A		Test pit showing argillite and hazen but no peridotite
39	5747117	6817402	Peridotite	N/A		Peridotite outcrop, poor exposure 3x3m outcrop
40	574595	6817419	Argillite	Bedding	338/34	5x4m outcrop of argilite and hazen creek. Green-grey sandstone overlies argilite below
41	574586	6817466	?	N/A		5x4m outcrop of questionable lithology. Coarser grain size, moderately quartz rich, some <mm mafic minerals, moderate rounding of grains?
42	574562	6817475	?	N/A		6x5m outcrop of coarse granular unit, mixed with typical hazen sandstone. Contains mafic clasts
43	574643	6817365	Argillite	N/A		Argillite and hazen outcrop in drainage 4x4m. Predominantly argillite with patchy sandstone. Pink rind coating argillite along creek drainiage. Some of the pink efervesces and conains nodules.
	574534	6817304	Argillite	Bedding	265/60	
	574531	6817300	Fault	Fault	205/61	
	574531	6817300	Fault	Fault	201/70	
	574484	6817237	Peridotite	N/A		1-2% sulfides over 5m zone
	574457	6817237	Drill hole			
	574522	6817233	Hazen Creek			10x5m outcrop of Hazen Sandstone. Massive, buff, no visible bedding
	574601	6817250	Argillite	Bedding	027/86	Argillite bedding
	574601	6817250	Argillite	Bedding	107/59	Argillite bedding
	574601	6817250	Argillite	Joint	116/86	Joint
	575131	6816808	Station Creek			Possible marginal Gabbro? 3x2m outcrop of darker green to grey, coarser grained, possibly recrystalized. Chlorite, epidote, serpentine rich with abundant quartz. <mm brown transluscent, equant minerals segregated in bands. Subhedral quartz crystals up to 5mm. Sporadic zones of submm, dark green porphyroblasts
	575140	6816827	Station Creek			Magnetic, fine grained, dark grety to black, strongly magnetic (magsus >25), <mm mafic porphyroblast, silvery sulfides up to 1%
	575164	6816855	Station Creek			Magnetic, 5x3m outcrop of light black, very fine grained, disseminated and pinhed sulfides.
	575168	6816861	Station Creek			Similar to above only lower mag sus (~1), medium grained, more variation in color, verging on buff to grey,
	575474	6816884	Station Creek	Joint	320/60	Same as above.Joints eyeballed off of cut line at 320/60
	575174	6816891	Station Creek			Magnetic, less sulfides <0.5%
	575185	6816908	Station Creek			Some mafic clasts up to 3mm, <0.5% sulfides, 10m wide outcrop of station creek with green, chlorite rich, +ep, and coarser grain size, medium to coarse grained.
	575238	6816890	Station Creek			Sample of magnetic rock near Station contact
	575238	6816850	Station Creek			Green, +chl, low mag
	575216	6816839	Station Creek			Non-magnetic, darker black to grey, very fine graiend, same as magnetic stuff physically except for lack of magnetism
	575215	6816834	Station Creek	Foliation	262/86	
	575193	6816822	Station Creek			3x3m outcrop, non-magnetic on west end and magnetic to the east. Black, Fine grained, +/- ep, no visible change between magnetic and non-magnetic
	575123	6816822	Station Creek			Non-magnetic, dark green to black, 0.5-1% sulfides, some oxidized out, questionable plagioclase but no mafic clasts.
	574932	6816943	Station Creek			Dark grey to black with green tint, non magnetic, no sulfides, no mafic clasts, no plag, weak epidote.
	574930	6817004	Hazen Creek			Outcrop along ridge with dark grey, mafic clasts and lighter clasts, 1% sulfides, almost brecciated argillite and sandstone.
	574917	6817003	Hazen Creek			Fine grained, black, with sandstone clasts
	574898	6817005	Argillite	Bedding	187/80	Intercallated beds of argillite and vfg sandstone.

APPENDIX E: Geological Structure Notes

Appendix E *– Geological Structural Field Data*

Easting	Northing	Unit	Structure	Measurement	Reliable?
574881	6817119	Hazen Creek	Contact	210/80	Y
574881	6817117	Argillite	Fault	115/67	Y
574881	6817119	Argillite	Fault	105/88	Y
574685	6817154	Peridotite	Contact	180/90	Y
574549	6817321	Hazen Creek	Bedding	068/51	Y
574549	6817321	Hazen Creek	Bedding	084/63	Y
574551	6817317	Chill margin	Contact	146/46	Y
574531	6817301	Hazen Creek	Bedding	105/58	Y
574509	6817246	Hazen Creek	Bedding	080/68	?
574500	6817270	Hazen Creek	Contact	030/80	?
57450	6817259	Hazen Creek	Contact	080/75	y
574668	6817030	Feldspar dyke	Contact	124/44	y
574595	6817419	Argillite	Bedding	248/34	y
574534	6817304	Argillite	Bedding	265/60	y
574531	6817300	Fault	Fault	205/61	y
574531	6817300	Fault	Fault	201/70	y
574601	6817250	Argillite	Bedding	027/86	y
574601	6817250	Argillite	Bedding	107/59	y
574601	6817250	Argillite	Joint	116/86	y
575474	6816884	Station Creek	Joint	230/60	y
575215	6816834	Station Creek	Foliation	172/86	y
574898	6817005	Argillite	Bedding	097/60	y

APPENDIX F: Geophysical Survey Data

Appendix F *– Geophysical Survey Data*

LINE: A1																																				
C1X	C2X	P1X	P2X	C1Y	C2Y	P1Y	P2Y	C1Z	C2Z	P1Z	P2Z	RxDipole	PltPt	Nlevel	SP	I	Vp	Res	SD	Nstack	Mx	IP1	IP2	IP3	IP4	IP5	IP6	IP7	IP8	IP9	IP10	IP11	IP12	IP13	IP14	IP15	IP16	IP17	IP18	IP19
0	0	50	100	1	1	1	1	1330	1330	1310.5	1291	50	25	1	-5.575	0.637	526.68	520.7	0.0676	3	3.19	13.20588	9.81914	8.42823	7.46651	6.74444	6.17255	5.70274	5.14202	4.54742	4.08369	3.70797	3.40119	3.13481	2.90989	2.62554	2.31541	2.06996	1.86847	1.70284
0	0	100	150	1	1	1	1	1330	1330	1291	1280	50	50	2	-47.865	0.637	94.514	280.33	0.2328	3	4.78	18.68783	14.34253	12.361	10.99662	9.95174	9.11011	8.44387	7.64953	6.76763	6.0991	5.54827	5.1137	4.69361	4.35656	3.94751	3.48586	3.11973	2.8236	2.56919
0	0	150	200	1	1	1	1	1330	1330	1280	1275	50	75	3	14.415	0.637	39.56	234.67	0.5963	3	4.42	16.66875	12.75746	11.03374	9.87743	8.92038	8.23017	7.61737	6.89501	6.15982	5.57899	5.05542	4.6884	4.36371	4.06708	3.68424	3.28426	2.94793	2.72514	2.46371
0	0	200	250	1	1	1	1	1330	1330	1275	1275	50	100	4	1.981	0.637	16.64	164.52	1.2839	3	4.73	18.15986	13.94403	12.02381	10.64164	9.79507	8.81359	8.09018	7.46027	6.69282	6.06884	5.52051	5.08969	4.62052	4.23334	3.85919	3.52044	3.09659	2.79629	2.6431
0	0	250	300	1	1	1	1	1330	1330	1275	1272	50	125	5	-1.16	0.637	10.787	159.97	2.3791	3	5.75	21.23006	16.89596	14.59645	12.9767	11.96234	10.86854	10.00177	8.97026	8.22856	7.32802	6.77228	6.1049	5.69816	5.18233	4.66511	4.32057	3.99562	3.71758	3.34099
0	0	300	350	1	1	1	1	1330	1330	1272	1272	50	150	6	-82.023	0.637	3.8506	79.95	4.6379	3	7.4	27.03209	21.78785	18.50792	16.05087	14.01318	13.14235	12.44142	11.58822	10.05611	9.50199	8.47946	7.85069	7.6782	6.58277	5.94629	5.77799	5.30544	5.06103	4.56895
0	0	350	400	1	1	1	1	1330	1330	1272	1278	50	175	7	88.601	0.637	3.6368	100.68	9.4493	3	6.46	24.39309	18.90937	16.49464	14.33665	13.18457	12.0128	11.14243	10.22051	8.54127	8.45697	7.46913	6.90481	6.73143	5.81004	4.99544	5.22115	4.86274	4.82317	3.8232
0	0	400	450	1	1	1	1	1330	1330	1278	1283	50	200	8	-38.018	0.637	2.8931	102.98	18.272	3	6.46	20.20193	15.84078	13.5033	12.0543	11.18171	9.58722	9.97278	9.62795	8.46519	7.836	7.09949	7.22414	6.83206	5.89668	5.06674	5.73409	5.58582	5.32326	5.19009
0	0	450	500	1	1	1	1	1330	1330	1283	1287	50	225	9	11.09	0.637	2.4662	109.75	28.548	3	6.99	14.96657	13.5556	13.43042	12.3932	11.35721	9.42456	11.07813	8.48145	8.42098	9.18005	7.38044	8.55973	6.70821	6.5909	5.21041	6.40417	5.315	4.64662	5.28314
0	0	500	550	1	1	1	1	1330	1330	1287	1298	50	250	10	-15.797	0.637	4.3642	237.39	36.365	3	6.78	14.80618	11.62087	11.48358	10.75441	9.96575	8.16053	9.03833	7.51728	7.37126	7.84623	7.01651	8.1239	6.38921	6.257	5.92591	6.43114	6.96325	6.18716	5.8412
50	50	100	150	1	1	1	1	1310.5	1310.5	1291	1280	50	75	1	-48.338	0.65	405.52	392.02	0.1824	3	3.29	12.58527	9.4186	8.14671	7.26613	6.60104	6.0658	5.63635	5.11245	4.55676	4.11916	3.77101	3.49303	3.25055	3.02934	2.75244	2.4418	2.2021	2.00198	1.83135
50	50	150	200	1	1	1	1	1310.5	1310.5	1280	1275	50	100	2	14.749	0.65	103.19	299.26	0.2913	3	3.64	13.42588	10.18135	8.85958	7.94044	7.24647	6.67944	6.22391	5.64934	5.06685	4.58825	4.17322	3.8597	3.57434	3.34634	3.04843	2.71142	2.43599	2.22006	2.04067
50	50	200	250	1	1	1	1	1310.5	1310.5	1275	1275	50	125	3	-1.299	0.65	34.147	198.06	0.7475	3	4.12	15.66318	11.94287	10.38167	9.22131	8.30319	7.66893	7.10953	6.45268	5.80356	5.2682	4.76937	4.35105	4.05018	3.77194	3.4191	3.0217	2.72423	2.48362	2.27532
50	50	250	300	1	1	1	1	1310.5	1310.5	1275	1272	50	150	4	0.239	0.65	20.038	193.71	1.4996	3	5.5	19.98382	15.67324	13.61513	12.1762	11.0969	10.13259	9.3816	8.6606	7.68276	6.92408	6.32917	5.79579	5.38692	4.99922	4.62527	4.11571	3.69878	3.38667	3.09668
50	50	300	350	1	1	1	1	1310.5	1310.5	1272	1272	50	175	5	-80.506	0.65	6.8025	98.64	3.7617	3	6.43	25.66107	20.00427	16.705	14.89907	13.66162	12.4613	11.52547	10.31283	8.92641	8.22596	7.08313	6.87836	6.27603	6.10286	5.35698	4.85616	3.96765	3.89491	3.37451
50	50	350	400	1	1	1	1	1310.5	1310.5	1272	1278	50	200	6	83.06	0.65	6.1324	124.49	6.5856	3	5.63	22.78067	17.33634	14.76237	12.55704	11.44345	10.67853	9.92339	8.69869	7.75784	7.44163	6.48402	5.70628	5.59104	5.26209	4.66393	3.99578	3.77037	3.46587	3.24059
50	50	400	450	1	1	1	1	1310.5	1310.5	1278	1283	50	225	7	-38.133	0.65	4.6554	126.01	14.383	3	5.53	18.48241	14.91547	12.67197	10.54237	10.09232	9.32267	8.60178	7.9306	7.02305	6.85089	5.90533	5.54555	5.14628	5.31584	5.15141	4.30605	3.91287	3.82208	3.12453
50	50	450	500	1	1	1	1	1310.5	1310.5	1283	1287	50	250	8	12.799	0.66	3.8746	132.79	21.678	2	4.21	9.82485	9.08546	8.72755	9.30401	7.64154	5.87763	7.23252	6.04082	5.70109	5.42194	4.29538	4.2556	3.5181	4.21903	4.02965	3.04282	2.10266	1.82587	2.58377
50	50	500	550	1	1	1	1	1310.5	1310.5	1287	1298	50	275	9	-20.686	0.645	6.5266	286.15	28.912	2	4.96	12.86284	10.53588	9.1757	7.78185	7.31252	7.77758	6.48792	6.24456	6.04004	6.04578	4.71262	4.27369	4.48781	4.77449	5.2927	4.21307	3.74996	3.66572	3.47485
50	50	550	600	1	1	1	1	1310.5	1310.5	1298	1326	50	300	10	5.502	0.66	6.1793	323.55	33.698	2	3.18	13.50803	9.52776	6.94674	6.85824	7.06881	4.94463	5.43372	3.99886	4.97308	4.69546	3.44722	2.79172	2.74985	3.10809	2.73584	2.256	1.70619	1.12297	1.31051
100	100	150	200	1	1	1	1	1291	1291	1280	1275	50	125	1	15.125	0.78	1354.2	1090.9	0.0314	3	2.6	9.24989	6.85045	6.03595	5.46113	5.01594	4.65244	4.34871	3.97563	3.57384	3.25161	2.98643	2.76314	2.56991	2.40237	2.18916	1.95573	1.76521	1.60642	1.47396
100	100	200	250	1	1	1	1	1291	1291	1275	1275	50	150	2	-1.161	0.78	179.51	433.81	0.1603	3	3.43	12.29412	9.30173	8.14815	7.34277	6.71923	6.21418	5.78994	5.28479	4.73359	4.29325	3.93637	3.63907	3.38456	3.15657	2.873	2.56667	2.31377	2.1028	1.93231
100	100	250	300	1	1	1	1	1291	1291	1275	1272	50	175	3	-3.163	0.78	69.771	337.22	0.4811	3	5.01	18.89873	14.60117	12.64671	11.28044	10.23451	9.41012	8.74567	7.90102	7.03879	6.33507	5.82061	5.32225	4.92278	4.56267	4.14919	3.7067	3.31706	2.98781	2.75439
100	100	300	350	1	1	1	1	1291	1291	1272	1272	50	200	4	-75.15	0.78	20.415	164.45	1.1137	3	6.6	24.34657	19.08762	16.55693	14.7439	13.43756	12.3821	11.49352	10.41802	9.32379	8.29708	7.70996	7.09694	6.52643	5.96854	5.47032	4.81258	4.31197	3.89929	3.61074
100	100	350	400	1	1	1	1	1291	1291	1272	1278	50	225	5	77.304	0.78	16.229	196.1	2.8181	3	5.38	21.32687	16.38832	14.02915	12.36047	11.27412	10.08633	9.52997	8.70104	7.71902	6.8545	6.40898	5.68221	5.32212	4.90154	4.35074	3.96687	3.52646	3.1111	2.94359
100	100	400	450	1	1	1	1	1291	1291	1278	1283	50	250	6	-38.233	0.78	11.115	188.02	6.5963	3	4.67	18.49687	14.62792	12.28427	11.0187	9.89193	8.59924	8.17376	7.4053	6.71279	5.75434	5.58375	5.03026	4.6398	4.25872	3.81542	3.36011	2.96655	2.62281	2.53771
100	100	450	500	1	1	1	1	1291	1291	1283	1287	50	275	7	16.106	0.78	8.3235	187.74	11.601	3	4.04	17.42347	13.27026	11.32962	10.10183	9.20741	7.79198	7.32831	6.67652	5.68076	4.85076	4.78427	4.378	4.3422	3.75232	3.24364	2.80049	2.65731	2.14576	2.04347
100	100	500	550	1	1	1	1	1291	1291	1287	1298	50	300	8	-23.071	0.78	13.621	394.99	15.986	3	3.28	15.37019	11.105	9.53193	8.46653	7.78741	6.27779	5.80597	5.54478	4.65918	4.06666	3.93589	3.59616	3.38774	2.70977	2.70458	2.43358	2.09888	1.761	1.7463
100	100	550	600	1	1	1	1	1291	1291	1298	1326	50	325	9	11.281	0.78	12.192	441.96	17.746	2	3.24	15.16714	11.17303	8.76589	8.16252	7.88118	6.10705	6.52928	5.30924	4.71992	3.91817	3.74889	3.29556	3.45867	2.70161	2.80544	2.45452	1.91528	1.26557	1.33938
100	100	600	650	1	1	1	1	1291	1291	1326	1354	50	350	10	26.962	0.78	9.1739	406.44	20.58	2	2.61	14.97952	11.39286	8.66444	7.35029	7.3139	5.78163	5.2803	4.46393	3.78325	2.96082	3.2126	2.65486	2.92134	2.54921	2.00108	1.99518	1.42173	0.60279	0.63087
150	150	200	250	1	1	1	1	1280	1280	1275	1275	50	175	1	-6.45	0.887	974.97	690.55	0.0525	3	3.08	11.56067	8.69851	7.58084	6.79423	6.19073	5.70607	5.3087	4.81891	4.30049	3.88759	3.55016	3.27057	3.03242	2.82267	2.56152	2.27442	2.04352	1.852	1.69268
150	150	250	300	1	1	1	1	1280	1280	1275	1272	50	200	2	-2.822	0.887	202.5	430.28	0.2214	3	4.8	17.94236	13.85344	12.02166	10.75441	9.76637	8.99101	8.34674	7.5573	6.73244	6.0769	5.54453	5.10239	4.72229	4.39961	3.98911	3.5422	3.18627	2.88659	2.64238
150	150	300	350	1	1	1	1	1280	1280	1272	1272	50	225	3	-70.675	0.85	47.815	211.68	0.553	2	6.62	24.08605	19.00643	16.48614	14.76927	13.43705	12.41288	11.46214	10.47087	9.27591	8.39951	7.60977	7.01023	6.53027	6.07125	5.49139	4.89821	4.3726	3.9551	3.64055
150	150	350	400	1	1	1	1	1280	1280	1272	1278	50	250	4	72.829	0.85	33.24	245.26	1.6368	2	5.61	21.63793	16.76496	14.43852	12.88753	11.61371	10.61676	9.83734	8.88004	7.91471	7.22025	6.43848	5.96733	5.5096	5.0887	4.6275	4.12588	3.69738	3.40148	3.14062
150	150	400	450	1	1	1	1	1280	1280	1278	1283	50	275	5	-37.636	0.85	20.843	230.69	4.1182	2	5.19	20.09528	15.59402	13.50169	11.95708	10.85716	9.83431	8.94261	8.23026	7.30791	6.70663	5.94285	5.4543	5.05154	4.84367	4.26363	3.81784	3.48056	3.20425	2.95816
150	150	450	500	1	1	1	1	1280	1280	1283	1287	50	300	6	16.973	0.85	14.134	219.56	9.1941	2	5.02	17.61261	14.55064	12.15959	10.99515	9.80615	8.85805	8.15977	7.67432	6.90086	6.34219	5.18975	5.12322	4.89376	4.75388	4.33714	4.24279	3.71347	3.67458	3.29628
150	150	500	550	1	1	1	1	1280	1280	1287	1298	50	325	7	-23.681	0.887	23.348	463.04	11.946	3	4.5	18.57084	13.88742	11.88585	10.73344	9.44899	8.26246	7.9082	6.95518	6.3091	5.89595	4.91165	4.75797	4.50945	4.08939	3.71943	3.40622	3.07433	2.97161	2.8467
150	150	550	600	1	1	1	1	1280	1280	1298	1326	50	350	8	13.278	0.887	20.508	522.92	14.831	3	3.84	16.84871	12.4229	10.56144	9.47909	8.32407	7.25889	6.99672	6.07899	5.38179	5.1443	4.23442	3.88641	3.89529	3.40265	3.21204	2.89379	2.72728	2.722	2.61071
150	150	600	650	1	1	1	1	1280	1280	1326	1354	50	375	9	26.593	0.85	14.397	479.23	19.266	2	4.01	17.20926	12.73718	10.44992	9.26371	8.17847	6.74257	6.99368	6.01393	5.53121	5.37622	4.0887	4.09404	4.05343	3.52614	3.48623	3.24799	2.94744	3.29636	3.16501
200	200	250	300	1	1	1	1	1275	1275	1275	1272	50	225	1	-0.354	0.72	755.73	660.08	0.0289	3	2.58	10.20369	7.49246	6.48015	5.78419	5.2533	4.83159	4.48235	4.06332	3.61657	3.26481	2.98079	2.74257	2.53793	2.36215	2.1424	1.90117	1.7087	1.54739	1.41421
200	200	300	350	1	1	1	1	1275	1275	1272	1272	50	250	2	-76.919	0.72	113.09	296.34	0.0863	3	5.44	19.65945	15.36042	13.38142	12.01381	10.94681	10.10706	9.38842	8.52016	7.60284	6.87477	6.27405	5.76673	5.34156	4.98197	4.5288	4.01775	3.60752	3.26149	2.98405
200	200	350	400	1	1	1	1	1275	1275	1272	1278	50	275	3	73.414	0.72	58.294	305.5	0.3253	3	4.99	18.81005	14.50589	12.5316	11.16887	10.17957	9.3215	8.67804	7.84773	7.01131	6.33571	5.77277	5.30081	4.89258	4.55932	4.13466	3.68351	3.30316	2.98873	2.71884
200	200	400	450	1	1	1	1	1275	1275	1278	1283	50	300	4	-38.97	0.72	31.721	277.06	0.9563	3	4.83	18.66594	14.42483	12.40858	10.94617	9.9854	9.09858	8.44815	7.63914	6.83523	6.1251	5.60405	5.1101	4.77781	4.42472	4.00556	3.52616	3.14852	2.85829	2.60897
200	200	450	500	1	1	1	1	1275	1275	1283	1287	50	325	5	20.432	0.72	19.443	254.73	2.0828	3	4.64	17.75686	14.0421	12.16349	10.74963	9.75179	8.83399	8.02172	7.42691	6.57513	5.92563	5.39549	4.95053	4.45699	4.27245	3.86579	3.34272	2.99081	2.69958	2.45711
200	200	500	550	1	1	1	1	1275	1275	1287	1298	50	350	6	-23.897	0.72	28.382	520.58	3.2122	3	4.32	18.14212	13.92519	11.84154	10.29417	9.39731	8.5189	7.87543	7.1206	6.31096	5.54539	5.10338	4.52225	4.29523	3.95026	3.49245	3.07352	2.64399	2.45315	2.219
200	200	550	600	1	1	1	1	1275	1275	1298	1326	50	375	7	15.169	0.72	24.191	591.61	4.1222	3	3.87	16.86539	12.80925	10.89765	9.30207	8.53952	7.64351	6.96382	6.46207	5.70885	4.89628	4.63207	4.15498	3.88411	3.59436	3.07266	2.70887	2.29133	2.15297	2.04597
200	200	600	650	1	1	1	1	1275	1275	1326	1354	50	400	8	28.222	0.72	17.579	552.73	5.052	3	3.36	16.34745	11.92936	10.04876	8.5061	7.93609	6.96621	6.19616	5.65161	5.02121	4.3293	4.08906	3.57399	3.29553	3.10737	2.6837	2.23294	1.99767	1.73248	1.53502
200	200	650	700	1	1	1	1	1275	1275	1354	1377	50	425	9	7.194	0.73	10.547	409.07	21.688	2	7.66	20.22852	15.92151	14.22318	12.79942	11.66903	11.0605	9.98911	9.78034	8.8309	8.1488	7.88619	7.78716	7.8304	7.9395	7.30165	6.325	5.33691	4.84846	4.50348
200	200	700	750	1	1	1	1	1275	1275	1377	1395	50	450	10	55.972	0.7	5.7665	284.68	31.278	30	15.64	28.16723	24.3655	22.21984	19.89061	18.71338	18.05018	16.88529	16.47045	16.27004	15.74185	15.48074	15.87756	16.44036	15.85123	15.27183	14.73637	13.9397	13.28911	13.03491
250	250	300	350	1	1	1	1	1275	1275	1272	1272	50	275	1	-77.596	0.713	703.14	619.34	0.0416	3	3.51	12.73458	9.66915	8.46063	7.60908	6.9548	6.42871	5.99005	5.45303	4.87848	4.42128	4.04768	3.73533	3.46216	3.22871	2.93382	2.60867	2.34638	2.12793	1.94303
250	250	350	400	1	1	1	1	1275	1275	1272	1278	50	300	2	68.574	0.713	161.46	426.64	0.2287	3	3.87	13.99792	10.63076	9.26234	8.32367	7.60414	7.02412	6.54404	5.96126	5.34184	4.84522	4.43435	4.10483	3.81046	3.5614	3.25325	2.90217	2.62387	2.39241	2.18356
250	250	400	450	1	1	1	1	1275	1275	1278	1283	50	325	3	-38.709	0.713	66.517	351.53	0.8872	3	4.02	14.65809	11.1842	9.71722	8.76039	7.93952	7.34557	6.87522	6.23124	5.57544	5.04213	4.5993	4.28597	3.91203	3.70067	3.37617	2.99913	2.704	2.46992	2.2628
250	250	450	500	1	1	1	1	1275	1275	1283	1287	50	350	4	19.157	0.713	32.796	288.87	2.3849	3	4.06	14.64719	11.47356	9.93046	8.97951	8.21493	7.56161	7.01188	6.31337	5.64481	5.15335	4.62984	4.33456	3.91223	3.74175	3.42049	2.98544	2.70943	2.47821	2.26229
250	250	500	550	1	1	1	1	1275	1275	1287	1298	50	375	5	-25.068	0.713	42.36	559.67	4.1344	3	4.31	17.78185	13.18004	11.22929	10.06784	9.00947	8.30918	7.80306	6.83315	6.16081	5.54392	4.98216	4.66244	4.09026	4.01132	3.55733	3.09582	2.84329	2.56962	2.33272
250	250	550	600	1	1	1	1	1275	1275	1298	1326	50	400	6	12.924	0.713	34.631	640.57	5.5196	3	3.82	15.97775	11.84212	9.96957	9.02395	7.9941	7.29761	6.8695	6.12453	5.45014	4.91662	4.37362	4.1867	3.54052	3.61583	3.16917	2.74434	2.54545	2.28055	2.03539
250	250	600	650	1	1	1	1	1275	1275	1326	1354	50	425	7	25.822	0.713	24.512	604.54	6.8102	3	3.37	15.50516	11.25357	9.42466	8.30264	7.35793	6.80479	6.32109	5.41481	4.96429	4.40066	3.8485	3.83812	3.03887	3.17588	2.7139	2.34502	2.11663	1.88706	1.72649
250	250	650	700	1	1	1	1	1275	1275	1354	1377	50	450	8	1.925	0.73	14.348	444.57	10.523	30	4.91	15.02782	10.75221	9.37401	9.00753	7.56429	7.29516	7.26602	6.19278	5.92919	5.25057	4.83248	5.19945	4.43558	4.66456	4.79809	4.95355	4.85518	4.61779	4.30878
250	250	700	750	1	1	1	1	1275	1275	1377	1395	50	475	9	54.15	0.705	7.9319	318.25	28.662	2	8.85	31.06339	25.50167	22.70915	20.93032	19.21353	18.1622	17.31941	15.63016	14.20256	12.8328	10.93797	10.48419	9.03729	8.4466	5.89326	4.02823	2.26188	1.51495	1.59375

Geophysical Survey Data (Continued)

LINE: A1

C1X	C2X	P1X	P2X	C1Y	C2Y	P1Y	P2Y	C1Z	C2Z	P1Z	P2Z	RxDipole	PltPt	Nlevel	SP	I	Vp	Res	SD	Nstack	Mx	IP1	IP2	IP3	IP4	IP5	IP6	IP7	IP8	IP9	IP10	IP11	IP12	IP13	IP14	IP15	IP16	IP17	IP18	IP19
250	250	750	800	1	1	1	1	1275	1275	1395	1411	50	500	10	-15.278	0.713	5.1113	247.62	12.185	3	19.84	62.55453	51.13202	44.81277	41.2577	37.31154	35.34193	33.45046	29.74671	27.15932	24.5279	22.62916	20.89209	19.18524	18.86159	16.76832	15.16548	13.91481	12.75273	11.43734
300	300	350	400	1	1	1	1	1272	1272	1272	1278	50	325	1	70.957	0.78	910.16	733.18	0.0694	3	4.25	14.91376	11.55056	10.1215	9.1105	8.33487	7.7072	7.18961	6.55155	5.87134	5.32777	4.88302	4.50985	4.18719	3.91102	3.56008	3.17223	2.85889	2.60009	2.38021
300	300	400	450	1	1	1	1	1272	1272	1278	1283	50	350	2	-39.724	0.78	232.51	561.89	0.3955	3	4.18	14.49876	11.19969	9.81044	8.84568	8.09878	7.50521	6.99818	6.38874	5.74213	5.2161	4.78309	4.44077	4.12667	3.86593	3.51903	3.14475	2.8462	2.59245	2.37988
300	300	450	500	1	1	1	1	1272	1272	1283	1287	50	375	3	18.97	0.78	77.947	376.74	1.556	3	3.96	13.39485	10.45782	9.22081	8.33621	7.66812	7.07635	6.54511	6.00327	5.45106	4.89502	4.51826	4.21372	3.8979	3.68119	3.3569	2.97412	2.70533	2.4593	2.25092
300	300	500	550	1	1	1	1	1272	1272	1287	1298	50	400	4	-27.211	0.78	77.522	624.48	3.5047	3	4.2	16.50043	12.42866	10.66805	9.46582	8.62138	7.93415	7.28751	6.57757	5.92487	5.26972	4.79615	4.48984	4.13366	3.8895	3.51351	3.1071	2.80658	2.54034	2.35477
300	300	550	600	1	1	1	1	1272	1272	1298	1326	50	425	5	14.5	0.78	58.341	704.95	5.0469	3	3.82	15.0098	11.25623	9.66206	8.55853	7.81223	7.18724	6.51093	5.91884	5.39573	4.77009	4.31712	4.10724	3.72353	3.53232	3.20574	2.82646	2.54904	2.3093	2.1338
300	300	600	650	1	1	1	1	1272	1272	1326	1354	50	450	6	24.885	0.78	39.505	668.28	6.4799	3	3.37	14.49427	10.65749	9.04542	7.89829	7.2605	6.6869	5.91399	5.31396	4.89579	4.18285	3.81938	3.60685	3.28115	3.10376	2.86091	2.40653	2.16709	1.96404	1.83415
300	300	650	700	1	1	1	1	1272	1272	1354	1377	50	475	7	-6.049	0.79	22.511	501.31	9.5354	2	1.63	11.66981	8.07678	6.49413	5.41668	4.93217	4.87229	3.95112	3.58853	3.04783	2.45197	2.00914	1.79971	1.6625	1.28088	1.10531	0.91503	1.04904	1.09174	0.94026
300	300	700	750	1	1	1	1	1272	1272	1377	1395	50	500	8	63.103	0.79	12.553	359.42	13.001	2	9.15	26.80061	22.16534	19.11516	17.32225	15.88738	15.18519	13.84161	13.19954	11.92769	10.91856	10.01953	9.68767	9.11877	8.56603	7.99233	7.47999	6.20862	5.61586	5.82873
300	300	750	800	1	1	1	1	1272	1272	1395	1411	50	525	9	-9.399	0.78	7.5234	272.72	12.944	3	20.91	63.85239	53.11154	46.37791	41.63911	38.53433	36.22733	33.55648	31.3336	28.51989	25.65416	23.26626	22.38755	21.02894	19.25541	17.73886	16.21452	14.66597	13.32434	12.87096
300	300	800	850	1	1	1	1	1272	1272	1411	1429	50	550	10	37.216	0.78	5.6213	249.06	15.498	3	18	60.47992	49.89629	42.73746	38.33196	34.70484	32.90694	31.33071	28.16378	25.0411	22.73162	19.99803	19.48323	18.10439	16.81657	14.73449	13.6414	12.30318	11.35128	10.91504
350	350	400	450	1	1	1	1	1272	1272	1278	1283	50	375	1	-25.111	0.833	1205.8	909.1	0.0793	3	4.63	16.48359	12.85365	11.24518	10.10592	9.2285	8.52153	7.93495	7.21977	6.45066	5.84136	5.34158	4.92361	4.56654	4.25582	3.86581	3.43672	3.08882	2.80059	2.55802
350	350	450	500	1	1	1	1	1272	1272	1283	1287	50	400	2	6.209	0.833	217.18	491.24	0.5371	3	4.33	14.97098	11.67498	10.26144	9.24176	8.46181	7.83561	7.31782	6.66203	5.96999	5.42166	4.96948	4.6018	4.27179	3.98327	3.6375	3.24876	2.93448	2.65709	2.43555
350	350	500	550	1	1	1	1	1272	1272	1287	1298	50	425	3	-28.116	0.833	138.88	628.26	1.8784	3	4.15	15.80882	12.06221	10.48305	9.3541	8.48083	7.79583	7.24125	6.55408	5.80845	5.245	4.79482	4.42284	4.0605	3.78614	3.46582	3.07746	2.77627	2.47089	2.27494
350	350	550	600	1	1	1	1	1272	1272	1298	1326	50	450	4	16.462	0.833	90.685	683.73	3.1385	3	3.54	14.00875	10.59356	9.16886	8.17254	7.36766	6.74596	6.26312	5.65977	4.96834	4.49814	4.08788	3.76461	3.47702	3.19809	2.95507	2.62211	2.36621	2.08276	1.90809
350	350	600	650	1	1	1	1	1272	1272	1326	1354	50	475	5	25.973	0.833	57.588	651.29	4.2905	3	2.98	13.37489	9.84977	8.38467	7.46862	6.6314	6.01112	5.58841	5.08468	4.31106	3.85709	3.4785	3.16885	2.87623	2.64769	2.46419	2.17068	1.97509	1.67391	1.49298
350	350	650	700	1	1	1	1	1272	1272	1354	1377	50	500	6	-0.267	0.83	31.554	501.62	8.4993	30	4.43	13.42508	10.61771	9.05226	8.36339	8.05771	7.76687	7.22009	6.78206	5.84229	5.46027	4.97387	4.6813	4.43747	3.90704	3.88091	3.39718	3.11068	2.77789	2.44592
350	350	700	750	1	1	1	1	1272	1272	1377	1395	50	525	7	57.434	0.835	17.197	362.31	21.822	2	9.64	26.89153	21.68448	19.45296	18.09879	16.3254	15.11241	14.37832	13.57074	12.07503	10.97133	10.46029	9.98623	9.58757	9.38536	8.75223	7.90689	6.84535	5.70402	4.83102
350	350	750	800	1	1	1	1	1272	1272	1395	1411	50	550	8	-7.918	0.833	9.9756	270.76	9.4479	3	20.73	64.68359	53.59502	47.26752	43.55457	39.30614	36.39004	34.40453	31.59556	28.10174	25.75279	23.40741	21.82987	20.33405	19.10033	17.71043	16.02268	14.44937	13.37048	12.03206
350	350	800	850	1	1	1	1	1272	1272	1411	1429	50	575	9	36.555	0.833	7.3725	250.13	11.264	3	17.97	61.3842	50.43956	43.66633	39.96433	35.58356	32.71836	31.21945	28.41367	24.89649	22.45025	20.5431	18.94421	17.45742	16.46766	15.33999	13.54585	12.36822	11.13066	9.9488
350	350	850	900	1	1	1	1	1272	1272	1429	1450	50	600	10	-20.992	0.833	5.0203	208.18	19.088	3	17.87	64.02037	52.16578	44.74133	40.85916	35.78804	31.85059	30.74731	28.06194	24.51207	22.25684	19.9385	18.45576	17.84396	16.32082	15.5975	13.27716	12.17973	10.87454	9.78941
400	400	450	500	1	1	1	1	1278	1278	1283	1287	50	425	1	-4.832	0.653	1333.4	1282.5	0.0554	3	3.25	12.53734	9.4019	8.13555	7.25846	6.60145	6.07271	5.63413	5.11155	4.55361	4.11317	3.75384	3.45561	3.20036	2.98183	2.70672	2.40612	2.16396	1.96234	1.79325
400	400	500	550	1	1	1	1	1278	1278	1287	1298	50	450	2	-28.579	0.653	357.7	1032.1	0.4356	3	3.82	14.61852	11.00781	9.50974	8.47499	7.72235	7.09271	6.57091	5.97704	5.32393	4.82485	4.40004	4.05233	3.76439	3.49704	3.18487	2.84056	2.55627	2.30538	2.11929
400	400	550	600	1	1	1	1	1278	1278	1298	1326	50	475	3	16.329	0.653	164.63	950.09	1.034	3	3.09	11.76953	8.79969	7.63902	6.80972	6.22624	5.72267	5.26034	4.84415	4.31719	3.89493	3.55971	3.28188	3.03991	2.83811	2.57004	2.31933	2.07547	1.8702	1.71514
400	400	600	650	1	1	1	1	1278	1278	1326	1354	50	500	4	27.005	0.653	88.088	847.25	1.6883	3	2.51	10.86933	7.92853	6.72136	5.89897	5.37643	4.88945	4.43381	4.04361	3.58243	3.22806	2.90149	2.6703	2.48172	2.2527	2.05685	1.83197	1.65937	1.42524	1.31874
400	400	650	700	1	1	1	1	1278	1278	1354	1377	50	525	5	-11.914	0.645	43.577	637.03	3.79	2	1.61	7.29332	4.54388	3.68406	3.17835	2.84757	2.55421	2.35378	2.09463	1.84547	1.80667	1.72207	1.65581	1.63457	1.48612	1.49748	1.41093	1.31481	1.18615	1.12433
400	400	700	750	1	1	1	1	1278	1278	1377	1395	50	550	6	69.778	0.653	23.483	474.3	5.2394	3	5.78	21.33554	17.35439	15.33226	13.69194	12.51809	11.55037	10.62923	9.78583	8.63794	7.86473	6.96852	6.27409	5.64246	5.05968	4.56616	3.71538	3.19849	2.53309	2.18463
400	400	750	800	1	1	1	1	1278	1278	1395	1411	50	575	7	-8.584	0.653	12.286	330.89	4.5104	3	22.02	66.63003	55.81184	49.20617	44.60946	41.19165	38.05629	35.8002	32.61979	29.44415	27.46264	24.86369	23.26918	21.96752	20.28509	18.76534	16.61201	15.37821	13.8526	12.74191
400	400	800	850	1	1	1	1	1278	1278	1411	1429	50	600	8	38.299	0.653	8.8953	308.01	5.5019	3	18.46	61.03306	49.88891	43.93469	39.11539	36.30561	33.66049	30.74419	28.21957	25.29104	23.17612	21.2496	19.57699	17.95791	17.23386	15.47222	13.80084	12.55005	11.24398	10.39546
400	400	850	900	1	1	1	1	1278	1278	1429	1450	50	625	9	-20.605	0.653	5.9016	255.43	9.3681	3	18.64	62.65349	50.38195	43.56106	38.78549	35.85386	33.05269	30.37086	28.05265	25.22708	23.65329	21.57617	19.57733	18.30076	17.01392	15.68296	13.97124	12.95458	11.19564	10.3166
400	400	900	950	1	1	1	1	1278	1278	1450	1474	50	650	10	-52.38	0.653	4.5369	240	12.902	3	14.87	45.54185	38.67019	33.49163	29.79908	28.29328	26.49704	23.51271	22.02982	20.13601	18.32306	17.21507	15.348	14.69741	13.64673	12.88468	10.98947	10.52404	9.23282	8.70575
450	450	500	550	1	1	1	1	1283	1283	1287	1298	50	475	1	-32.799	0.62	1748.8	1772.3	0.0628	3	3.44	13.33376	10.07107	8.71365	7.7662	7.05652	6.48516	6.01439	5.44543	4.84037	4.36998	3.98324	3.65969	3.39048	3.14999	2.85459	2.53387	2.27364	2.06028	1.88116
450	450	550	600	1	1	1	1	1283	1283	1298	1326	50	500	2	11.523	0.62	468.85	1425.4	0.2329	3	2.96	11.32195	8.44085	7.32269	6.53556	5.96632	5.49475	5.10999	4.62933	4.12062	3.73606	3.41393	3.13558	2.92245	2.7069	2.45928	2.18952	1.97195	1.78625	1.63519
450	450	600	650	1	1	1	1	1283	1283	1326	1354	50	525	3	22.306	0.62	193.93	1179.2	0.4831	3	2.27	9.82151	7.12354	6.11428	5.38003	4.88838	4.47291	4.13803	3.69984	3.25375	2.9397	2.65132	2.41222	2.25989	2.04535	1.85311	1.63008	1.45712	1.30454	1.18137
450	450	650	700	1	1	1	1	1283	1283	1354	1377	50	550	4	-10.108	0.62	88.623	898.12	1.4648	2	0.78	4.52217	2.76131	2.31791	1.93723	1.83672	1.63758	1.49413	1.30445	1.11459	1.03548	0.94281	0.79818	0.80214	0.63805	0.62838	0.54443	0.48212	0.43405	0.40878
450	450	700	750	1	1	1	1	1283	1283	1377	1395	50	575	5	66.881	0.62	43.488	661.07	3.5552	2	7.03	20.15838	15.98545	14.1713	12.80307	11.88917	11.01842	10.44761	9.65867	8.80158	8.23337	7.68705	7.30053	6.99805	6.68996	6.28402	5.76736	5.26864	4.78823	4.38633
450	450	750	800	1	1	1	1	1283	1283	1395	1411	50	600	6	-4.412	0.62	19.854	422.53	1.8331	3	23.5	70.68869	59.21013	52.46756	47.53851	44.11398	40.89806	38.57873	35.3354	31.74801	29.13606	26.74352	24.79818	23.38035	21.77602	19.90067	17.89974	16.27615	14.83754	13.68454
450	450	800	850	1	1	1	1	1283	1283	1411	1429	50	625	7	33.35	0.62	13.959	396.11	2.235	3	18.76	61.84206	50.93336	44.75904	39.94868	37.02138	34.11456	32.12192	29.20945	25.97257	23.58324	21.47131	19.79288	18.61499	17.36603	15.70877	13.88797	12.69185	11.55666	10.51618
450	450	850	900	1	1	1	1	1283	1283	1429	1450	50	650	8	-20.6	0.62	8.9884	327.92	4.1869	3	17.95	60.98935	49.48782	43.02834	38.13937	35.68059	32.58699	30.24219	27.55284	24.9002	22.78195	20.50828	18.97244	17.81659	16.60518	14.92388	13.30729	12.20208	10.9866	10.19152
450	450	900	950	1	1	1	1	1283	1283	1450	1474	50	675	9	-49.07	0.62	6.7502	307.83	5.9295	3	14.04	44.98465	37.93901	33.09351	29.16726	27.09151	24.74107	23.8069	21.85723	19.03849	17.38122	16.0705	14.94676	14.10742	13.22772	11.68805	10.42121	9.61406	8.71462	7.96306
450	450	950	1000	1	1	1	1	1283	1283	1474	1500	50	700	10	22.16	0.62	5.3954	300.73	7.9438	3	14.28	49.0104	40.04133	34.13778	30.10657	28.21423	26.25671	24.47368	21.9663	20.1374	18.4639	16.52375	15.04601	14.57333	12.97354	11.51135	10.49256	9.45637	8.83131	8.04061
500	500	550	600	1	1	1	1	1287	1287	1298	1326	50	525	1	-15.771	0.525	1268.8	1519.3	0.4784	4	2.94	10.8746	8.08593	7.05805	6.34373	5.79614	5.35623	4.99424	4.54812	4.06886	3.69042	3.38132	3.11808	2.88994	2.69162	2.45149	2.19679	1.98821	1.8074	1.65451
500	500	600	650	1	1	1	1	1287	1287	1326	1354	50	550	2	11.272	0.525	368.78	1324.7	1.4282	4	2.47	10.08495	7.32572	6.33637	5.66003	5.14382	4.72586	4.39455	3.97455	3.52333	3.17603	2.88926	2.64275	2.4272	2.23404	2.02301	1.82506	1.65489	1.49566	1.35525
500	500	650	700	1	1	1	1	1287	1287	1354	1377	50	575	3	-35.664	0.52	147.04	1066.6	2.3348	2	0.8	4.09925	2.3819	2.03561	1.83081	1.68655	1.54448	1.4677	1.30136	1.14102	0.99103	0.96394	0.85868	0.76992	0.69501	0.65845	0.66618	0.6406	0.51367	0.38126
500	500	700	750	1	1	1	1	1287	1287	1377	1395	50	600	4	77.372	0.525	67.965	813.82	3.9702	4	5.07	17.25679	13.33222	11.7131	10.59331	9.71152	9.03124	8.47679	7.75542	7.00901	6.42881	5.91479	5.42621	4.97687	4.58589	4.17962	3.81686	3.46166	3.12505	2.83274
500	500	750	800	1	1	1	1	1287	1287	1395	1411	50	625	5	-6.215	0.525	26.82	481.71	7.2777	4	25.65	76.4662	64.04787	56.89882	51.73359	47.90811	44.52644	41.85911	38.49335	34.73733	31.76663	29.39262	27.23851	25.28913	23.63045	21.66334	19.63326	17.96082	16.42911	15.08513
500	500	800	850	1	1	1	1	1287	1287	1411	1429	50	650	6	35.103	0.525	18.297	460.09	9.4163	4	19.85	64.62119	53.00879	46.78861	42.06987	38.77807	35.82047	33.64009	30.6855	27.46604	24.91858	23.03325	21.10894	19.45899	18.10149	16.56157	14.94954	13.64331	12.47827	11.36172
500	500	850	900	1	1	1	1	1287	1287	1429	1450	50	675	7	-24.652	0.523	11.739	394.75	14.317	3	19.52	62.26847	51.14169	45.36015	40.90669	38.06042	35.22197	33.16507	29.9233	26.92612	24.36682	22.51186	20.69917	18.95847	17.55179	16.48077	15.21677	13.7959	12.43403	10.51714
500	500	900	950	1	1	1	1	1287	1287	1450	1474	50	700	8	-53.024	0.523	8.651	374.03	20.321	3	16.31	50.35151	41.07383	37.22972	33.47808	31.24814	28.84995	27.87383	24.90109	21.83574	20.4647	18.93202	17.46036	15.51974	14.4135	13.85291	13.13899	12.09846	10.40131	8.88656
500	500	950	1000	1	1	1	1	1287	1287	1474	1500	50	725	9	23.066	0.52	6.8739	373.8	20.773	2	18.82	55.07545	45.57955	40.16705	37.08606	34.88631	32.24109	30.53403	27.08363	24.36509	22.42692	21.36998	19.50761	18.46222	17.51967	16.50171	15.34586	14.17184	12.83274	10.91129
500	500	1000	1050	1	1	1	1	1287	1287	1500	1518	50	750	10	68.963	0.52	6.1022	405.56	27.948	2	22.03	63.98477	52.78362	47.28026	42.80765	40.09443	37.02932	35.13094	31.86634	28.06446	26.60882	24.65022	22.69738	21.51878	20.31979	19.58895	17.99048	17.24977	15.4406	13.09229
550	550	600	650	1	1	1	1	1298	1298	1326	1354	50	575	1	18.171	0.76	3861.5	3192.5	0.1951	3	3.64	13.91306	10.5642	9.16538	8.18495	7.43766	6.8388	6.34718	5.7499	5.11498	4.61529	4.208	3.87026	3.57945	3.33207	3.01859	2.68419	2.41556	2.19107	2.00134
550	550	650	700	1	1	1	1	1298	1298	1354	1377	50	600	2	-25.147	0.76	880.87	2184.7	0.5844	3	1.52	6.4158	4.39504	3.80612	3.3914	3.0822	2.83088	2.63115	2.38988	2.12427	1.91846	1.75095	1.6112	1.49131	1.38468	1.25553	1.13272	1.03137	0.9399	0.85758
550	550	700	750	1	1	1	1	1298	1298	1377	1395	50	625	3	84.15	0.76	346.32	1717.9	0.945	3	4.15	14.85174	11.36684	9.91564	8.89822	8.1288	7.50737	6.99272	6.37595	5.70508	5.18908	4.75988	4.40398	4.0865	3.82044	3.49346	3.15914	2.88057	2.65159	2.43705
550	550	750	800	1	1	1	1	1298	1298	1395	1411	50	650	4	-4.928	0.76	97.084	802.63	2.926	3	31.59	91.80847	77.44022	69.03934	62.91235	58.12435	54.18976	50.89596	46.84694	42.40534	38.84215	35.88202	33.39627	31.205	29.31771	26.92951	24.3453	22.22173	20.43328	18.85317
550	550	800	850	1	1	1	1	1298	1298	1411	1429	50	675	5	38.615	0.76	61.084	757.5	4.0923	3	23.11	72.48923	60.00252	53.0098	47.90075	43.98188	40.84637	38.17593	34.94729	31.45273	28.68374	26.40995	24.48006	22.78503	21.36785	19.51042	17.63041	16.08257	14.76501	13.57684
550	550	850	900	1	1	1	1	1298	1298	1429	1450	50	700	6	-24.015	0.76	35.883	622.98	7.8382	3	21.26	65.33826	54.11787	47.78009	43.24112	39.74205	36.91819	34.61677	31.81932	28.64732	26.19727	24.20844	22.46335	20.95677	19.6788	18.07673	16.48326	15.07499	13.98904	12.81459
550	550	900	950	1	1	1	1	1298	1298	1450	1474	50	725	7	-50.275	0.76	25.515	590.64	11.538	3	17.66	51.14103	42.92796	37.99358	34.68577	31.96381	29.66826	28.00426	25.86781	23.58001	21.61681	19.99075	18.5986	17.41332	16.26885	15.14972	13.97344	12.97303	12.1791	11.16998

Geophysical Survey Data (Continued)

LINE: A1

C1X	C2X	P1X	P2X	C1Y	C2Y	P1Y	P2Y	C1Z	C2Z	P1Z	P2Z	RxDipole	PltPt	Nlevel	SP	I	Vp	Res	SD	Nstack	Mx	IP1	IP2	IP3	IP4	IP5	IP6	IP7	IP8	IP9	IP10	IP11	IP12	IP13	IP14	IP15	IP16	IP17	IP18	IP19
550	550	950	1000	1	1	1	1	1298	1298	1474	1500	50	750	8	26.579	0.76	19.557	582.06	15.822	3	18.32	53.07278	44.07106	39.20276	35.58975	32.95178	30.63896	28.78673	26.51018	24.13802	22.21295	20.74291	19.37172	18.1175	17.02265	15.69006	14.64006	13.69936	12.77222	11.7146
550	550	1000	1050	1	1	1	1	1298	1298	1500	1518	50	775	9	71.566	0.76	16.863	627.37	22.018	2	24.51	62.52252	52.66186	47.13782	42.95615	40.21694	37.64205	35.50972	33.32947	30.94789	28.90209	27.09594	25.15954	24.0778	23.02919	21.90188	20.57559	18.93298	17.83583	16.32725
550	550	1050	1100	1	1	1	1	1298	1298	1518	1541	50	800	10	-53.88	0.76	11.802	536.63	29.181	2	16.7	54.8265	46.00538	40.59492	36.62056	33.37167	30.43473	28.85982	26.32077	23.42822	21.59401	19.77931	18.0351	16.2965	14.9468	13.41931	12.53015	11.96106	11.15596	10.16914
600	600	650	700	1	1	1	1	1326	1326	1354	1377	50	625	1	-148.48	0.71	3633.4	3215.4	0.0763	2	2.04	8.16449	5.91569	5.144	4.60342	4.18878	3.85636	3.57763	3.24269	2.88383	2.60053	2.36849	2.17299	2.01061	1.86822	1.68659	1.49189	1.33391	1.20265	1.09257
600	600	700	750	1	1	1	1	1326	1326	1377	1395	50	650	2	65.687	0.71	1077.7	2861	0.1603	2	3.59	13.57629	10.21221	8.85884	7.92539	7.21692	6.64951	6.17689	5.61197	5.00548	4.52528	4.13775	3.81094	3.53375	3.29641	2.99272	2.65996	2.39144	2.171	1.98419
600	600	750	800	1	1	1	1	1326	1326	1395	1411	50	675	3	-12.382	0.71	195.78	1039.5	0.7573	2	37.64	109.7942	92.82807	82.74347	75.41943	69.6582	64.94938	60.94936	56.04253	50.699	46.39533	42.82867	39.81097	37.19426	34.93523	32.01012	28.79754	26.15261	23.95478	22.06289
600	600	800	850	1	1	1	1	1326	1326	1411	1429	50	700	4	46.367	0.71	110.06	973.96	1.1544	2	25.52	80.8833	67.05128	59.15208	53.53465	49.14331	45.5702	42.60847	38.9261	35.01491	31.84101	29.24918	27.07785	25.16457	23.53937	21.47987	19.186	17.31641	15.77347	14.44084
600	600	850	900	1	1	1	1	1326	1326	1429	1450	50	725	5	-25.929	0.71	59.679	792.2	2.399	2	21.27	69.0202	56.91039	50.06942	45.23207	41.56578	38.46361	35.84983	32.74067	29.36333	26.65071	24.41536	22.60452	20.93032	19.68623	17.82106	15.85966	14.28287	12.9487	11.79274
600	600	900	950	1	1	1	1	1326	1326	1450	1474	50	750	6	-48.427	0.71	40.641	755.28	3.6948	2	15.93	51.73264	42.81649	37.75588	34.24856	31.38491	29.07228	27.15546	24.71009	22.20284	20.02454	18.35613	17.0167	15.67326	14.69311	13.2716	11.76782	10.50508	9.56254	8.60241
600	600	950	1000	1	1	1	1	1326	1326	1474	1500	50	775	7	25.692	0.71	30.283	750.38	5.2455	2	15.14	51.24657	42.04703	36.91512	33.43527	30.65718	28.09233	26.05191	23.78471	21.36684	19.23496	17.49529	16.1836	14.80001	14.02487	12.50334	10.99379	9.72186	8.77745	7.79565
600	600	1000	1050	1	1	1	1	1326	1326	1500	1518	50	800	8	74.427	0.71	25.368	808.19	7.4884	2	16.33	56.84164	46.41006	40.48363	36.78421	33.74038	30.86756	28.70636	25.94782	23.18641	20.88929	19.04987	17.58148	16.04575	15.04373	13.33067	11.58456	10.21817	9.09076	8.09877
600	600	1050	1100	1	1	1	1	1326	1326	1518	1541	50	825	9	-57.897	0.71	17.612	701.37	9.667	2	15.83	56.2389	46.06443	40.22645	36.11943	33.25059	30.31673	28.1615	25.52747	22.78958	20.42876	18.40939	16.98285	15.43416	14.61432	12.9268	11.14454	9.645	8.45995	7.44815
650	650	700	750	1	1	1	1	1354	1354	1377	1395	50	675	1	8.131	0.68	4415.1	4079.5	0.042	30	2.95	12.0787	8.92635	7.68638	6.82794	6.1804	5.66571	5.24091	4.72923	4.19119	3.76725	3.42254	3.1367	2.8946	2.68876	2.42507	2.13865	1.91275	1.72361	1.56727
650	650	750	800	1	1	1	1	1354	1354	1395	1411	50	700	2	-12.673	0.68	430.79	1194.1	0.2808	30	45.81	133.0288	112.668	100.4673	91.56738	84.58536	78.8676	74.05905	68.09356	61.62836	56.43479	52.10002	48.43589	45.27568	42.5253	39.00156	35.10151	31.90522	29.24754	26.98763
650	650	800	850	1	1	1	1	1354	1354	1411	1429	50	725	3	38.357	0.68	204.04	1131.2	0.3638	30	29.92	92.87194	77.36674	68.4033	61.94379	56.97758	52.92078	49.51437	45.32819	40.81128	37.20834	34.20621	31.68512	29.53074	27.65603	25.27743	22.62462	20.46237	18.70106	17.20132
650	650	850	900	1	1	1	1	1354	1354	1429	1450	50	750	4	-25.72	0.68	100.98	933.08	0.77	30	24.1	76.03519	63.03804	55.59863	50.30638	46.21344	42.86815	40.11478	36.63084	32.96886	30.07086	27.60091	25.57746	23.75993	22.23419	20.31477	18.13754	16.39174	14.96449	13.71475
650	650	900	950	1	1	1	1	1354	1354	1450	1474	50	775	5	-48.768	0.68	65.456	907.22	1.2316	30	18.41	57.9353	47.93361	42.31034	38.31441	35.28806	32.75628	30.64775	28.02756	25.19801	23.0534	21.08052	19.573	18.16072	16.9888	15.47989	13.77535	12.42734	11.37404	10.38275
650	650	950	1000	1	1	1	1	1354	1354	1474	1500	50	800	6	26.985	0.68	47.381	919.38	1.7965	30	17.39	55.7124	45.89748	40.42651	36.64569	33.66151	31.15278	29.1318	26.62001	23.89328	21.845	19.98175	18.55535	17.16729	15.95084	14.57002	12.96102	11.65935	10.5584	9.67401
650	650	1000	1050	1	1	1	1	1354	1354	1500	1518	50	825	7	73.04	0.68	38.571	997.9	2.6203	30	18.82	60.61764	50.04848	44.08229	39.8687	36.70164	34.03482	31.74045	28.96033	25.97651	23.78053	21.70124	20.14683	18.48276	17.21119	15.72573	13.81566	12.45841	11.27566	10.24249
650	650	1050	1100	1	1	1	1	1354	1354	1518	1541	50	850	8	-58.647	0.68	26.525	882.32	3.4381	30	18.82	60.64188	50.18188	44.12401	39.69529	36.6898	33.99778	31.7574	29.04133	26.03641	23.82892	21.66758	20.14839	18.53824	17.33637	15.67062	13.76707	12.24692	11.15211	10.14513
700	700	750	800	1	1	1	1	1377	1377	1395	1411	50	725	1	-11.612	0.66	914.23	870.34	0.2629	30	55.82	160.886	137.1699	122.4881	111.6967	103.2104	96.24963	90.36731	83.08449	75.18213	68.80481	63.51307	59.02605	55.16633	51.79443	47.4976	42.72813	38.82605	35.56892	32.8065
700	700	800	850	1	1	1	1	1377	1377	1411	1429	50	750	2	38.612	0.66	294.65	841.52	0.2375	30	34.58	104.0162	87.67461	77.893	70.73516	65.1485	60.62008	56.78572	52.05962	46.9696	42.86381	39.46757	36.59968	34.14887	32.00831	29.2927	26.27765	23.81611	21.77682	20.045
700	700	850	900	1	1	1	1	1377	1377	1429	1450	50	775	3	-25.906	0.66	131.95	753.7	0.426	30	26.47	81.20125	68.0506	60.33904	54.66457	50.28994	46.77372	43.75521	40.08486	36.11238	32.89441	30.2475	28.02728	26.13044	24.47947	22.3724	20.03793	18.13305	16.55713	15.23171
700	700	900	950	1	1	1	1	1377	1377	1450	1474	50	800	4	-47.453	0.66	81.559	776.44	0.6746	30	20.05	61.15578	51.17336	45.48046	41.17951	37.93204	35.33038	33.01865	30.27873	27.31345	24.90992	22.88839	21.1808	19.81079	18.51685	16.98369	15.19917	13.73448	12.50625	11.50823
700	700	950	1000	1	1	1	1	1377	1377	1474	1500	50	825	5	26.57	0.66	57.402	819.69	0.995	30	18.52	57.43087	47.78988	42.38994	38.27065	35.20736	32.90839	30.68301	28.14082	25.38859	23.09753	21.18361	19.54073	18.30966	17.07674	15.63177	13.94689	12.59691	11.45261	10.54225
700	700	1000	1050	1	1	1	1	1377	1377	1500	1518	50	850	6	72.259	0.66	45.616	911.95	1.5083	30	19.79	61.6562	51.37366	45.6484	41.07409	37.75835	35.4497	32.94827	30.13162	27.15278	24.64101	22.6429	20.83371	19.57278	18.15167	16.76022	14.95134	13.38927	12.19873	11.19015
700	700	1050	1100	1	1	1	1	1377	1377	1518	1541	50	875	7	-58.462	0.66	31.087	828.65	1.9455	30	19.82	61.16433	51.27578	45.63336	40.95099	37.53354	35.36301	32.94462	30.20536	27.25493	24.59546	22.80174	20.85367	19.5721	18.18916	16.77874	14.9773	13.3962	12.13862	11.19855
750	750	800	850	1	1	1	1	1395	1395	1411	1429	50	775	1	53.044	0.78	635.79	512.15	0.2577	30	52.53	151.629	129.1485	115.287	105.1143	97.11667	90.56341	85.02911	78.17465	70.74021	64.73854	59.76582	55.55193	51.92299	48.74487	44.70569	40.2238	36.54769	33.48749	30.88566
750	750	850	900	1	1	1	1	1395	1395	1429	1450	50	800	2	-24.715	0.78	204.33	493.79	0.3578	30	33.41	100.0035	84.35159	74.96406	68.10491	62.7394	58.38981	54.73281	50.18756	45.30333	41.36163	38.11028	35.3516	32.98867	30.91826	28.31388	25.42625	23.04191	21.0546	19.37393
750	750	900	950	1	1	1	1	1395	1395	1450	1474	50	825	3	-47.955	0.78	116.47	562.91	0.5779	30	24.48	73.25591	61.65611	54.84644	49.84327	45.84453	42.68307	40.02699	36.75495	33.18967	30.29908	27.91009	25.93821	24.20515	22.6467	20.75629	18.63266	16.86204	15.44484	14.1875
750	750	950	1000	1	1	1	1	1395	1395	1474	1500	50	850	4	28.442	0.78	78.961	636.06	0.8885	30	21.52	65.30502	54.69453	48.58056	44.08377	40.48431	37.72459	35.42135	32.4306	29.26202	26.67832	24.57772	22.80402	21.25337	19.8607	18.22558	16.32546	14.73741	13.43324	12.30787
750	750	1000	1050	1	1	1	1	1395	1395	1500	1518	50	875	5	74.548	0.78	61.247	740.05	1.3292	30	22.19	67.96915	56.79827	50.51419	45.64334	41.89621	38.9798	36.56427	33.59025	30.24704	27.55869	25.36943	23.52166	21.96655	20.46734	18.74043	16.78506	15.08397	13.77014	12.58316
750	750	1050	1100	1	1	1	1	1395	1395	1518	1541	50	900	6	-59.247	0.78	41.394	700.24	1.7803	30	21.97	67.06344	56.23143	49.99176	45.15295	41.52071	38.51956	36.30202	33.16166	29.85067	27.19553	25.11634	23.25974	21.76632	20.27609	18.61423	16.61778	14.92182	13.64443	12.40996
800	800	850	900	1	1	1	1	1411	1411	1429	1450	50	825	1	-26.309	0.72	952.42	831.15	0.0642	30	10.12	34.32281	27.61107	24.19283	21.77087	19.90773	18.40657	17.15472	15.62583	13.99425	12.69672	11.62559	10.73511	9.97705	9.30762	8.47742	7.56533	6.81858	6.20301	5.67973
800	800	900	950	1	1	1	1	1411	1411	1450	1474	50	850	2	-48.673	0.72	261.92	685.71	0.1501	30	15.29	48.14699	39.57556	34.98534	31.70874	29.14679	27.07418	25.31531	23.16226	20.8642	19.02405	17.48992	16.18907	15.09957	14.12445	12.90946	11.57628	10.46782	9.56018	8.77511
800	800	950	1000	1	1	1	1	1411	1411	1474	1500	50	875	3	22.931	0.72	128.61	673.38	0.2678	30	17.33	53.9514	44.6187	39.45673	35.7677	32.91503	30.64568	28.68167	26.22477	23.65292	21.56743	19.7651	18.35161	17.10651	16.0038	14.65204	13.10738	11.85141	10.82252	9.93128
800	800	1000	1050	1	1	1	1	1411	1411	1500	1518	50	900	4	75.49	0.72	84.458	737.03	0.4776	30	19.96	62.46085	51.6193	45.65711	41.44392	38.06189	35.37996	33.11619	30.25504	27.28329	24.91063	22.84175	21.18594	19.68763	18.36824	16.84008	15.07396	13.59539	12.39789	11.3537
800	800	1050	1100	1	1	1	1	1411	1411	1518	1541	50	925	5	-61.204	0.72	54.495	713.34	0.6326	30	20.63	64.41358	53.22251	47.0739	42.75578	39.21031	36.54141	34.15363	31.20401	28.20162	25.70738	23.55725	21.87595	20.42987	19.02765	17.39188	15.59523	14.02425	12.77681	11.67671
850	850	900	950	1	1	1	1	1429	1429	1450	1474	50	875	1	-48.838	0.57	999.94	1102.2	0.0864	30	14.01	45.71004	37.31294	32.83703	29.62336	27.15365	25.15386	23.48456	21.43778	19.24868	17.49566	16.05802	14.84538	13.81046	12.91523	11.78179	10.52822	9.51521	8.67176	7.95808
850	850	950	1000	1	1	1	1	1429	1429	1474	1500	50	900	2	24.185	0.57	236.95	783.58	0.3338	30	17.25	53.92904	44.48482	39.35239	35.60505	32.7477	30.43181	28.46922	26.05241	23.48135	21.40516	19.70774	18.251	17.00666	15.93676	14.60882	13.08576	11.86135	10.84202	9.95641
850	850	1000	1050	1	1	1	1	1429	1429	1500	1518	50	925	3	78.419	0.57	115.55	764.25	0.816	30	20.66	63.67793	52.74938	46.76305	42.32495	38.9884	36.25405	33.92926	31.05991	28.03542	25.60009	23.55318	21.83202	20.3624	19.10227	17.53871	15.71467	14.27461	13.05044	11.98655
850	850	1050	1100	1	1	1	1	1429	1429	1518	1541	50	950	4	-63.656	0.57	68.367	753.62	1.2535	30	21.86	66.69359	55.33016	49.14096	44.4269	41.00291	38.19476	35.7378	32.76141	29.6147	27.02009	24.90169	23.05758	21.56814	20.21623	18.62011	16.68746	15.20018	13.90119	12.73665
900	900	950	1000	1	1	1	1	1450	1450	1474	1500	50	925	1	25.698	0.51	1338.7	1649.2	0.0618	30	9.01	29.4877	23.84446	20.99901	18.96405	17.39324	16.1191	15.05031	13.74958	12.34976	11.2345	10.318	9.54431	8.88519	8.3084	7.58241	6.77686	6.12855	5.58138	5.12517
900	900	1000	1050	1	1	1	1	1450	1450	1500	1518	50	950	2	73.432	0.51	357.17	1320.1	0.2298	30	13.45	42.59936	35.00743	30.93616	27.99123	25.70121	23.85569	22.27707	20.39165	18.34857	16.71112	15.37725	14.23853	13.27687	12.42731	11.36328	10.17383	9.23135	8.39848	7.70864
900	900	1050	1100	1	1	1	1	1450	1450	1518	1541	50	975	3	-60.665	0.51	184.06	1360.6	0.4044	30	15.2	47.69209	39.29556	34.73782	31.4373	28.89574	26.83192	25.03461	22.93521	20.66394	18.83403	17.3618	16.07985	15.01072	14.05379	12.88812	11.538	10.47971	9.53766	8.74995
950	950	1000	1050	1	1	1	1	1474	1474	1500	1518	50	975	1	80.813	0.52	1174.9	1419.6	0.1003	30	7.26	23.70359	19.05409	16.82006	15.20728	13.9604	12.94928	12.10891	11.06147	9.94449	9.04609	8.31615	7.68836	7.1544	6.69414	6.11593	5.47559	4.94577	4.50939	4.14919
950	950	1050	1100	1	1	1	1	1474	1474	1518	1541	50	1000	2	-66.389	0.52	476.59	1727.6	0.21	30	9.59	30.80067	24.99203	22.06158	19.94398	18.32434	17.01098	15.91388	14.54519	13.09819	11.92361	10.97275	10.15707	9.46276	8.86027	8.10234	7.26261	6.57153	6.00123	5.52999
1000	1000	1050	1100	1	1	1	1	1500	1500	1518	1541	50	1025	1	-57.645	0.35	1121.4	2013.1	0.0705	30	4.68	16.53776	12.75174	11.16064	10.03396	9.17647	8.48274	7.90996	7.20744	6.45707	5.8642	5.37601	4.96694	4.62117	4.31291	3.92967	3.50494	3.15933	2.87472	2.63317

Geophysical Survey Data (Continued)

LINE: A2

C1X	C2X	P1X	P2X	C1Y	C2Y	P1Y	P2Y	C1Z	C2Z	P1Z	P2Z	RxDipol	PtPt	Nlevel	SP	I	Vp	Res	SD	Nstack	Mx	IP1	IP2	IP3	IP4	IP5	IP6	IP7	IP8	IP9	IP10	IP11	IP12	IP13	IP14	IP15	IP16	IP17	IP18	IP19
0	0	50	100	2	2	2	2	1344	1344	1330	1315	50	25	1	-29.878	0.76	927.0416	766.78	0.022	2	2.83	10.82394	8.0686	7.01394	6.27193	5.71019	5.25948	4.88645	4.43242	3.94953	3.56858	3.2602	3.00019	2.7827	2.59254	2.35195	2.09054	1.88148	1.70686	1.5599
0	0	100	150	2	2	2	2	1344	1344	1315	1297	50	50	2	85.86	0.76	166.2372	412.5	0.13	2	4.52	16.92387	13.03313	11.31311	10.11286	9.20149	8.45558	7.84576	7.10975	6.33814	5.72694	5.22555	4.79816	4.4446	4.14444	3.7602	3.32961	2.99842	2.71577	2.48237
0	0	150	200	2	2	2	2	1344	1344	1297	1275	50	75	3	45.886	0.76	107.2348	532.18	0.1756	2	5.06	19.0676	14.77023	12.76053	11.38085	10.34701	9.54038	8.78602	7.99461	7.12259	6.42894	5.84502	5.38915	4.98454	4.62637	4.19039	3.73256	3.3582	3.03065	2.77551
0	0	200	250	2	2	2	2	1344	1344	1275	1274	50	100	4	-76.253	0.76	20.4561	169.2	0.3993	2	5.12	19.47872	15.19169	13.04673	11.548	10.5862	9.62063	9.08561	8.15665	7.33147	6.64719	5.95352	5.44332	4.98072	4.67415	4.20405	3.61302	3.12113	2.81045	2.68808
0	0	250	300	2	2	2	2	1344	1344	1274	1273	50	125	5	-17.716	0.76	14.3412	177.93	0.5585	2	5.09	19.29279	15.35498	13.48402	11.68746	10.5008	9.49713	8.98356	8.20593	7.05566	6.41007	5.68112	5.68452	4.89051	4.60773	4.20213	4.0202	3.63496	3.22447	2.93071
0	0	300	350	2	2	2	2	1344	1344	1273	1272	50	150	6	-11.101	0.76	7.5559	131.24	0.944	2	5.28	19.77206	16.32772	13.9855	11.55495	11.31438	10.09554	9.00521	8.41001	6.96975	6.1613	5.61445	5.69075	5.51647	5.29791	4.60353	3.72511	2.98947	2.99259	2.82882
0	0	350	400	2	2	2	2	1344	1344	1272	1272	50	175	7	-18.253	0.76	3.7809	87.56	2.2217	2	5.24	19.27389	15.34045	14.94932	12.60935	10.6062	9.72424	10.05238	7.83963	7.13012	5.94941	6.1073	6.20475	5.34094	5.31775	4.11368	3.69363	3.13532	3.66131	2.57839
0	0	400	450	2	2	2	2	1344	1344	1272	1272	50	200	8	30.134	0.76	2.5764	76.71	3.033	2	5.53	16.71188	14.23592	13.29301	12.0965	9.02932	8.04894	9.01527	8.69036	6.62531	5.3511	6.73082	7.30788	5.89131	4.36382	4.62434	4.75588	3.0719	4.18179	3.24639
0	0	450	500	2	2	2	2	1344	1344	1272	1287	50	225	9	-1.37	0.76	7.1265	265.25	3.8583	2	5.04	18.04266	14.69374	13.39012	10.94175	9.91634	9.49498	8.89554	7.36021	7.01612	6.0285	5.80378	5.37204	5.38777	5.01224	3.95509	3.76483	3.18287	3.13887	3.19471
0	0	500	550	2	2	2	2	1344	1344	1287	1312	50	250	10	-46.101	0.76	6.6489	302.46	4.629	2	5.22	17.71788	14.23282	13.63081	11.05907	10.2237	10.14432	9.46669	7.98355	7.10211	5.83703	6.28654	5.97151	4.54754	5.18026	4.30023	4.38512	3.71516	2.88183	3.08155
50	50	100	150	2	2	2	2	1330	1330	1315	1297	50	75	1	87.034	0.77	546.7464	446.24	0.0368	2	3.6	13.51041	10.26673	8.91839	7.98472	7.26951	6.69233	6.21907	5.64392	5.03237	4.54636	4.15365	3.82182	3.54269	3.29929	2.99441	2.65992	2.39033	2.16511	1.98028
50	50	150	200	2	2	2	2	1330	1330	1297	1275	50	100	2	42.227	0.77	214.3706	524.89	0.0716	2	4.91	18.68992	14.42545	12.4856	11.13035	10.09776	9.29291	8.60691	7.78172	6.92569	6.23835	5.69528	5.22342	4.82764	4.48244	4.06849	3.60308	3.22876	2.92219	2.66643
50	50	200	250	2	2	2	2	1330	1330	1275	1274	50	125	3	-75.27	0.77	35.6863	174.76	0.1179	2	5	19.01935	14.72046	12.7583	11.35942	10.35159	9.41505	8.60044	7.93762	7.0651	6.40361	5.8026	5.26501	4.94223	4.5086	4.16261	3.61527	3.26716	2.96852	2.75413
50	50	250	300	2	2	2	2	1330	1330	1274	1273	50	150	4	-17.141	0.77	23.8087	194.32	0.184	2	5.03	19.73026	15.42666	13.24856	11.76383	10.73456	9.83792	8.8788	8.07215	7.23786	6.52941	5.88362	5.36934	4.81843	4.60372	4.1206	3.60094	3.26344	2.93213	2.68047
50	50	300	350	2	2	2	2	1330	1330	1273	1272	50	175	5	-10.942	0.77	12.2878	150.44	0.3156	2	5.12	20.84352	15.74893	13.38468	12.12439	11.11902	9.9806	9.03934	8.31493	7.4641	6.91174	5.99557	5.43862	4.95293	4.60753	4.12949	3.55697	3.20416	2.83848	2.74034
50	50	350	400	2	2	2	2	1330	1330	1272	1272	50	200	6	-16.319	0.77	6.0198	103.18	0.7521	2	5.03	20.0606	15.30122	13.66353	12.25597	10.92706	9.90893	8.91573	8.35236	7.28167	6.56561	6.08783	5.34328	4.79554	4.45022	4.16208	3.46921	3.59302	3.36549	2.66181
50	50	400	450	2	2	2	2	1330	1330	1272	1272	50	225	7	29.07	0.77	4.0084	91.6	1.3039	2	4.79	17.21889	14.88518	13.01476	11.38072	11.32937	9.48811	8.53951	7.53358	6.8188	6.32599	6.14901	5.04399	3.65997	4.81243	3.84475	3.59658	2.59271	3.51294	2.90953
50	50	450	500	2	2	2	2	1330	1330	1272	1287	50	250	8	-1.61	0.77	10.8259	318.09	2.1903	2	4.66	19.26236	14.33976	12.34761	11.58083	10.54976	9.46926	8.08541	7.6354	6.64429	5.95675	5.72061	4.76749	4.41127	4.09168	3.94626	3.37861	3.04707	2.33727	2.11194
50	50	500	550	2	2	2	2	1330	1330	1287	1312	50	275	9	-43.963	0.77	9.9968	367.16	2.6235	2	4.68	19.09569	14.61337	12.09949	10.80482	10.22875	9.28386	8.51064	7.89933	6.83919	6.14301	5.87846	4.679	4.33981	4.21747	3.89047	3.27366	3.16001	2.4907	2.25973
50	50	550	600	2	2	2	2	1330	1330	1312	1342	50	300	10	21.464	0.77	8.6493	388.27	3.1063	2	4.31	18.55872	13.9567	11.23996	10.05739	9.8528	9.69131	8.74793	7.40401	6.35561	5.96828	5.48566	4.09212	4.27085	3.51395	3.59061	2.78976	2.77266	2.31582	2.29079
100	100	150	200	2	2	2	2	1315	1315	1297	1275	50	125	1	29.821	0.61	482.1143	496.59	0.0425	2	3.99	15.13591	11.55926	10.01902	8.95039	8.13648	7.48259	6.94739	6.29249	5.59839	5.05606	4.61464	4.24239	3.92355	3.65391	3.3086	2.93697	2.63376	2.38101	2.17766
100	100	200	250	2	2	2	2	1315	1315	1275	1274	50	150	2	-75.637	0.61	46.5774	143.93	0.0611	2	4.97	18.6775	14.51796	12.59886	11.25556	10.2268	9.29922	8.66179	7.88381	6.95758	6.33208	5.72886	5.3077	4.90866	4.54605	4.12596	3.64213	3.28401	2.94553	2.71252
100	100	250	300	2	2	2	2	1315	1315	1274	1273	50	175	3	-16.441	0.61	27.4823	169.85	0.122	2	5.14	20.3888	15.80391	13.48764	12.00834	10.83892	9.94435	9.20118	8.36666	7.3558	6.60017	5.95627	5.46655	5.10794	4.73839	4.19958	3.66652	3.36655	3.01509	2.68854
100	100	300	350	2	2	2	2	1315	1315	1273	1272	50	200	4	-11.936	0.61	13.4628	138.67	0.2272	2	5.23	20.93186	16.26929	13.96921	12.35469	11.12854	10.21832	9.3036	8.27421	7.41281	6.66725	6.03868	5.6054	5.09513	4.7803	4.33097	3.81204	3.35318	3.13668	2.81939
100	100	350	400	2	2	2	2	1315	1315	1272	1272	50	225	5	-13.644	0.61	6.2533	96.62	0.6547	2	5.47	21.12535	16.62241	14.32969	12.77859	11.34108	10.71063	10.1123	8.60056	7.99458	6.77603	6.47438	5.97032	5.25233	5.01412	4.48101	4.02405	3.29698	2.97358	2.91266
100	100	400	450	2	2	2	2	1315	1315	1272	1272	50	250	6	27.551	0.61	3.9887	86.28	1.1483	2	4.84	18.86313	14.75757	12.47437	11.86908	10.1863	9.12898	8.27604	8.41932	6.97197	5.89643	5.30318	4.93867	4.78272	5.07847	4.10916	3.2876	2.81806	2.68981	2.40684
100	100	450	500	2	2	2	2	1315	1315	1272	1287	50	275	7	-2.011	0.61	10.5409	304.01	2.0693	2	4.46	19.27299	15.11905	12.54869	11.8818	10.0558	9.39383	8.2298	7.33233	6.49873	5.59245	5.10217	5.206	4.3303	3.91271	3.64322	3.12668	3.29982	2.76141	2.34106
100	100	500	550	2	2	2	2	1315	1315	1287	1312	50	300	8	-44.706	0.61	9.6807	358.97	2.438	2	4.51	19.37494	14.82334	12.7847	11.85559	10.15054	9.27456	8.13777	7.229	6.7191	5.92277	5.55234	4.99678	4.45412	3.8363	3.43568	3.281	2.85356	2.63836	2.14993
100	100	550	600	2	2	2	2	1315	1315	1312	1342	50	325	9	18.897	0.61	8.3072	385.05	2.9114	2	4.2	18.93139	14.04552	11.95819	11.36449	9.37854	8.87322	7.54161	7.06783	6.30276	5.31268	5.21936	4.76862	4.47127	3.70133	3.08812	2.79465	2.38889	2.47829	1.68726
100	100	600	650	2	2	2	2	1315	1315	1342	1371	50	350	10	-11.67	0.61	5.4473	308.6	3.5455	2	3.67	17.65823	13.15542	11.67494	11.22674	9.16546	8.00538	7.02729	6.41667	5.88949	4.48622	4.45048	4.20957	3.74034	3.11397	2.87218	2.44453	2.39921	1.99904	1.40653
150	150	200	250	2	2	2	2	1297	1297	1275	1274	50	175	1	-76.968	0.68	174.0846	160.85	0.6689	30	4.75	17.44687	13.47995	11.7035	10.45748	9.51997	8.74442	8.13943	7.36728	6.59635	5.98612	5.46495	5.03752	4.68167	4.37572	3.97239	3.52452	3.18329	2.88925	2.63738
150	150	250	300	2	2	2	2	1297	1297	1274	1273	50	200	2	-16.816	0.68	68.4431	189.72	0.0815	30	5.02	20.28743	15.54808	13.27117	11.75917	10.63952	9.74442	9.00449	8.14208	7.22783	6.42545	5.82249	5.34059	4.91519	4.60276	4.12035	3.61555	3.20713	2.90245	2.69227
150	150	300	350	2	2	2	2	1297	1297	1273	1272	50	225	3	-11.888	0.68	30.0737	166.73	0.1163	30	5.21	21.15152	16.24314	13.94081	12.38209	11.1307	10.289	9.41882	8.44156	7.4572	6.75214	5.92614	5.53954	5.1118	4.83603	4.27329	3.71046	3.28425	2.98186	2.70016
150	150	350	400	2	2	2	2	1297	1297	1272	1272	50	250	4	-13.962	0.68	12.9516	119.67	0.2703	30	5.5	21.65109	17.29777	14.56024	13.34359	11.83175	10.93923	10.06921	9.01384	8.02222	7.06946	6.30135	5.83278	5.34748	5.1696	4.45476	4.01683	3.70096	3.16808	2.92334
150	150	400	450	2	2	2	2	1297	1297	1272	1272	50	275	5	29.05	0.68	7.6955	106.66	0.5476	30	5.51	20.46712	16.63985	13.95865	12.07045	11.13827	10.42409	9.54025	8.69666	7.65602	7.07235	6.18229	5.82748	5.44582	4.99212	4.69236	4.03815	3.55873	3.19825	2.5819
150	150	450	500	2	2	2	2	1297	1297	1272	1287	50	300	6	-1.682	0.68	18.7169	363.18	1.0586	30	5.38	21.25673	16.76105	14.15051	12.50144	11.74716	10.747	9.74793	9.00839	7.49615	6.84959	6.02469	5.95491	5.29857	5.0685	4.35363	3.95801	3.49383	3.10893	3.0648
150	150	500	550	2	2	2	2	1297	1297	1287	1312	50	325	7	-45.111	0.68	16.6723	431.34	1.3629	30	5.56	21.02244	17.10412	14.04524	12.49191	11.80265	10.8695	10.37213	9.05147	7.6107	6.96368	6.0816	6.22641	5.60881	5.35947	4.60315	3.79219	3.2762	3.27099	3.34525
150	150	550	600	2	2	2	2	1297	1297	1312	1342	50	350	8	19.822	0.68	14.0395	467.01	1.6579	30	5.32	20.21831	16.21732	13.51457	11.81113	11.23299	10.83332	9.71306	8.59099	7.18853	6.70552	5.64417	6.07186	5.48106	5.10464	4.41848	3.61686	3.51122	3.1501	3.18565
150	150	600	650	2	2	2	2	1297	1297	1342	1371	50	375	9	-12.054	0.68	9.0487	376.24	2.0788	30	5.13	20.47882	15.95974	13.47985	11.89916	11.82761	10.57149	9.57847	8.56068	6.75236	6.51719	5.51174	5.23002	5.15469	5.22529	4.31605	3.84642	3.13693	3.09297	3.58703
150	150	650	700	2	2	2	2	1297	1297	1371	1399	50	400	10	-2.02	0.68	8.8852	451.54	2.448	30	5.8	23.73376	18.59155	16.01049	14.10565	13.95752	12.05066	10.93125	9.95343	7.78447	7.22426	5.92456	6.90412	5.51254	5.75343	4.87297	4.16735	3.79529	3.33264	3.63373
200	200	250	300	2	2	2	2	1275	1275	1274	1273	50	225	1	-15.865	0.65	239.1401	231.16	0.2266	30	4.38	16.11643	12.37846	10.79319	9.67741	8.79276	8.09621	7.53617	6.84888	6.10049	5.52757	5.03815	4.61436	4.30061	4.00852	3.65723	3.28011	2.98975	2.73204	2.50664
200	200	300	350	2	2	2	2	1275	1275	1273	1272	50	250	2	-11.949	0.65	70.1258	203.36	0.0764	30	4.66	18.36789	14.00853	12.08393	10.7522	9.72801	8.90222	8.26796	7.44907	6.60437	5.93966	5.39923	4.9445	4.56759	4.25698	3.85128	3.39962	3.045	2.74898	2.4836
200	200	350	400	2	2	2	2	1275	1275	1272	1272	50	275	3	-11.851	0.65	25.777	149.5	0.1695	30	5.15	20.18487	15.63166	13.41696	11.99153	10.72799	9.96177	9.1083	8.25027	7.23694	6.64917	6.04506	5.3979	5.07294	4.76617	4.21898	3.70437	3.29697	2.99593	2.69064
200	200	400	450	2	2	2	2	1275	1275	1272	1272	50	300	4	26.597	0.65	13.6737	132.18	0.3785	30	5.29	20.11159	15.32683	13.45127	11.81127	10.55231	9.9925	9.12883	8.12125	7.41975	6.65071	6.1099	5.60823	5.31031	4.81087	4.4718	3.70582	3.52126	3.35035	2.87932
200	200	450	500	2	2	2	2	1275	1275	1272	1287	50	325	5	-1.656	0.65	29.4452	426.95	0.8867	30	5.57	20.98444	16.01621	14.04087	12.54654	11.13797	10.24162	9.55456	8.34964	7.62425	6.96837	6.50832	5.88699	5.41756	4.99133	4.75684	4.1218	3.91039	3.46399	2.98225
200	200	500	550	2	2	2	2	1275	1275	1287	1312	50	350	6	-44.533	0.65	25.044	508.38	1.1571	30	5.8	21.29609	16.16323	14.299	12.63925	11.30092	10.55337	9.46674	8.57061	7.8106	7.13362	6.79265	6.03616	5.61207	5.26494	5.03394	4.36589	4.0026	3.7935	3.24637
200	200	550	600	2	2	2	2	1275	1275	1312	1342	50	375	7	17.832	0.65	20.5495	556.19	1.4758	30	5.77	20.8888	15.86332	13.96513	12.41113	10.93604	10.57371	9.69747	8.16376	7.53457	7.21242	6.65104	6.07203	5.6255	5.11596	5.04394	4.41412	4.02344	3.7936	3.15661
200	200	600	650	2	2	2	2	1275	1275	1342	1371	50	400	8	-11.625	0.65	12.953	450.75	1.8506	30	5.86	20.96164	15.95996	13.81428	12.41986	10.84878	10.51761	9.30248	8.21559	7.39614	6.99799	7.08321	6.32337	5.927	5.17574	5.13542	4.1186	4.07197	4.08822	3.2918
200	200	650	700	2	2	2	2	1275	1275	1371	1399	50	425	9	0.166	0.65	12.4788	542.82	2.3475	30	6.83	24.56201	18.18218	16.78483	14.78345	12.98609	12.33953	11.00982	9.76251	8.74974	8.29133	7.85026	6.86091	6.69488	6.0143	6.26009	5.28367	4.76295	4.58425	3.83422
200	200	700	750	2	2	2	2	1275	1275	1399	1433	50	450	10	18.784	0.65	10.6337	565.34	2.8547	30	8.15	29.16854	21.97555	19.56504	17.36432	15.17947	14.71302	13.50755	11.31609	10.76122	10.09348	9.30841	8.33531	7.89719	7.22353	7.28568	6.29489	6.19558	5.45402	4.45757
250	250	300	350	2	2	2	2	1274	1274	1273	1272	50	275	1	-16.289	0.66	261.3757	248.83	0.0357	30	4.59	16.58578	12.92499	11.269	10.12144	9.22671	8.50025	7.92052	7.18866	6.4112	5.80433	5.29795	4.87926	4.51903	4.20281	3.80894	3.38933	3.03949	2.75518	2.50549
250	250	350	400	2	2	2	2	1274	1274	1272	1272	50	300	2	-14.782	0.66	59.471	169.85	0.0776	30	4.89	18.18663	14.14917	12.36577	10.97337	9.98145	9.16634	8.54338	7.7333	6.87473	6.21235	5.651	5.21677	4.78841	4.47242	4.04881	3.57993	3.22785	2.91538	2.63531
250	250	400	450	2	2	2	2	1274	1274	1272	1272	50	325	3	28.831	0.66	24.7503	141.37	0.2186	30	4.78	17.86599	13.84276	12.22454	10.80888	9.7898	8.92976	8.18157	7.45406	6.77149	6.05535	5.60611	5.02714	4.82386	4.28639	3.96349	3.39719	3.11636	2.87344	2.57218
250	250	450	500	2	2	2	2	1274	1274	1272	1287	50	350	4	-2.075	0.66	45.0129	428.52	0.5343	30	4.84	18.92651	14.33182	12.54552	11.12341	10.08985	9.26835	8.59296	7.68917	6.87241	6.11409	5.67132	5.04501	4.78144	4.38462	4.02886	3.53976	3.19631	2.92857	2.61229
250	250	500	550	2	2	2	2	1274	1274	1287	1312	50	375	5	-46.247	0.66	36.1257	515.87	0.7608	30	5.06	19.29465	14.75146	12.91815	11.44367	10.41715	9.61012	9.02101	8.01354	7.14763	6.41459	5.99542	5.21054	4.98094	4.51093	4.26502	3.70511	3.2935	3.06451	2.68313
250	250	550	600	2	2	2	2	1274	1274	1312	1342	50	400	6	18.703	0.66	28.796	575.69	0.9849	30	4.96	19.17299	14.58756	12.72108	11.35557	10.09146	9.3257	8.83688	7.78957	7.03406	6.21616	5.85792	5.18579	4.93421	4.39917	4.17746	3.58217	3.37082	3.02279	2.61477
250	250	600	650	2	2	2	2	1274	1274	1342	1371	50	425	7	-11.79	0.66	17.754	473.25	1.2551	30	4.85	18.98548	14.27269	12.55846	11.30981	9.74072	9.15657	8.38774	7.63926	7.18172	6.06624	5.79601	4.91982	4.75974	4.29643	4.12402	3.50058	3.10448	2.8163	2.52754
250	250	650	700	2	2	2	2	1274	1274	1371	1399	50	450	8	0.336	0.66	16.8196	576.44	1.5955	30	5.63	22.71827	16.81176	14.76523	13.31968	11.99166	11.08844	10.22442	9.03372	8.12342	7.20179	6.72762	5.75446	5.60332	5.06226	4.69152	3.92842	3.63192	3.20947	2.91932

Geophysical Survey Data (Continued)

LINE: A2

C1X	C2X	P1X	P2X	C1Y	C2Y	P1Y	P2Y	C1Z	C2Z	P1Z	P2Z	RxDipol	PtPt	Nlevel	SP	I	Vp	Res	SD	Nstack	Mx	IP1	IP2	IP3	IP4	IP5	IP6	IP7	IP8	IP9	IP10	IP11	IP12	IP13	IP14	IP15	IP16	IP17	IP18	IP19
250	250	700	750	2	2	2	2	1274	1274	1399	1433	50	475	9	19.881	0.66	14.1532	606.32	2.0033	30	6.97	27.11448	21.04697	18.16055	15.71883	14.59214	13.53244	12.83786	11.19883	10.08488	8.46718	8.1201	7.26864	7.04318	6.06823	6.0514	4.98686	4.58262	4.28921	3.43951
250	250	750	800	2	2	2	2	1274	1274	1433	1461	50	500	10	17.457	0.66	8.5062	445.39	2.2292	30	7.77	29.96675	23.21879	19.69612	17.97618	16.01876	14.59339	13.44416	12.39727	11.38585	9.56361	9.33988	8.12018	7.70002	6.97464	6.52211	5.50005	5.02936	4.77806	3.94093
300	300	350	400	2	2	2	2	1273	1273	1272	1272	50	325	1	-12.118	0.68	242.9084	224.45	0.0374	30	4.55	16.32478	12.61326	11.04157	9.91136	9.05909	8.39453	7.79958	7.08779	6.32558	5.72486	5.23276	4.821	4.4936	4.17481	3.79385	3.37729	3.03104	2.74998	2.50774
300	300	400	450	2	2	2	2	1273	1273	1272	1272	50	350	2	26.284	0.68	55.5287	153.93	0.0812	30	4.57	17.04205	13.02968	11.29101	10.16401	9.27388	8.56667	7.89633	7.17803	6.38814	5.79101	5.28115	4.86099	4.52027	4.16739	3.79149	3.34832	3.02154	2.73988	2.50671
300	300	450	500	2	2	2	2	1273	1273	1272	1287	50	375	3	-2.615	0.68	71.5239	396.53	0.2743	30	4.33	17.22164	13.0209	11.18972	9.95277	9.01183	8.3072	7.68341	6.98818	6.10505	5.54285	5.04983	4.60407	4.26833	3.85569	3.5759	3.17243	2.85339	2.53961	2.32448
300	300	500	550	2	2	2	2	1273	1273	1287	1312	50	400	4	-45.078	0.68	52.0247	480.71	0.4272	30	4.47	17.59827	13.34828	11.51836	10.27334	9.31699	8.58478	7.98129	7.32187	6.31872	5.80337	5.20211	4.73554	4.41867	3.99841	3.66862	3.28573	2.94944	2.65142	2.39596
300	300	550	600	2	2	2	2	1273	1273	1312	1342	50	425	5	15.926	0.68	39.5297	547.88	0.5601	30	4.39	17.73645	13.3669	11.59288	10.40633	9.41096	8.64325	7.93629	7.23447	6.23371	5.74647	5.17337	4.60852	4.30469	3.88733	3.57244	3.23433	2.88437	2.52687	2.32652
300	300	600	650	2	2	2	2	1273	1273	1342	1371	50	450	6	-11.027	0.68	23.5918	457.77	0.7608	30	4.22	17.85923	13.19144	11.40699	10.2948	9.23327	8.49948	7.91714	7.19346	5.94218	5.6983	5.02911	4.30217	4.34517	3.54755	3.41802	3.04072	2.82892	2.41435	2.15044
300	300	650	700	2	2	2	2	1273	1273	1371	1399	50	475	7	0.075	0.68	21.7294	562.18	1.0092	30	5	21.25828	16.19744	13.93043	12.43489	11.1784	10.29495	9.26613	8.4707	7.08649	6.57515	5.97396	5.25135	5.18108	4.2146	4.07107	3.48875	3.1995	2.77983	2.53427
300	300	700	750	2	2	2	2	1273	1273	1399	1433	50	500	8	17.9	0.68	17.9544	597.23	1.204	30	6.29	26.23965	20.1078	17.29121	15.20261	13.856	12.63416	11.69647	10.96235	9.05588	8.23914	7.56277	6.72499	6.33926	5.31046	5.09608	4.47265	4.32123	3.71488	3.21503
300	300	750	800	2	2	2	2	1273	1273	1433	1461	50	525	9	19.104	0.68	10.6499	442.82	1.4412	30	7.07	29.57284	22.41211	19.29554	17.27151	15.86092	14.16741	12.7196	12.08051	9.80666	9.25435	8.23886	7.39616	7.4337	5.93401	5.84763	5.04231	4.65103	4.0181	3.5872
300	300	800	850	2	2	2	2	1273	1273	1461	1489	50	550	10	136.995	0.68	9.5143	483.52	1.6512	30	6.92	28.05642	21.34034	19.29837	16.74829	15.39732	13.99009	12.15424	11.76526	9.88816	9.24149	8.40171	6.9038	7.25256	5.73292	5.65097	4.9241	4.34118	3.7386	3.51882
350	350	400	450	2	2	2	2	1272	1272	1272	1272	50	375	1	25.426	0.71	217.2348	192.24	0.0393	3	4.32	14.98733	11.7001	10.28237	9.27535	8.49831	7.85832	7.33627	6.67885	5.98483	5.4245	4.97613	4.59314	4.25082	3.96867	3.60937	3.20937	2.88085	2.6136	2.39991
350	350	450	500	2	2	2	2	1272	1272	1272	1287	50	400	2	-3.037	0.71	138.8034	368.5	0.2349	3	4.25	15.82422	12.12774	10.53859	9.42154	8.5802	7.88605	7.35605	6.6463	5.93827	5.35925	4.90383	4.51526	4.18362	3.90654	3.55869	3.13663	2.8148	2.55053	2.35854
350	350	500	550	2	2	2	2	1272	1272	1287	1312	50	425	3	-43.768	0.71	81.9848	435.32	0.4498	3	4.24	15.62262	12.00531	10.41948	9.32059	8.49474	7.78832	7.31749	6.57641	5.91211	5.30718	4.87894	4.49068	4.13442	3.89127	3.57805	3.12872	2.77412	2.4787	2.33101
350	350	550	600	2	2	2	2	1272	1272	1312	1342	50	450	4	14.093	0.71	57.5426	509.23	0.6679	3	4.24	16.00607	12.25406	10.62009	9.55403	8.61166	7.8846	7.35539	6.58312	5.95842	5.30831	4.88636	4.49423	4.16323	3.88928	3.56853	3.09706	2.73772	2.50561	2.35158
350	350	600	650	2	2	2	2	1272	1272	1342	1371	50	475	5	-10.353	0.71	32.8987	436.71	0.9323	3	4.17	16.06767	12.28788	10.54144	9.46108	8.52148	7.76962	7.34768	6.51957	5.82807	5.20702	4.7824	4.43635	4.08551	3.81497	3.53925	3.01813	2.63899	2.39422	2.25981
350	350	650	700	2	2	2	2	1272	1272	1371	1399	50	500	6	2.84	0.71	29.3011	544.53	1.2879	3	5.06	19.7456	15.28496	13.1754	11.69013	10.51505	9.60192	9.01238	7.88096	7.10349	6.36399	5.87023	5.29581	4.9345	4.67938	4.28644	3.68282	3.19261	2.88703	2.69427
350	350	700	750	2	2	2	2	1272	1272	1399	1433	50	525	7	16.026	0.71	23.719	587.73	1.6132	3	6.48	24.54142	19.1723	16.47345	14.78853	13.36501	12.21865	11.48417	10.16596	9.08462	8.09734	7.524	6.84486	6.39253	5.85714	5.52026	4.68542	4.1461	3.80532	3.48877
350	350	750	800	2	2	2	2	1272	1272	1433	1461	50	550	8	21.567	0.71	13.9022	442.9	1.9765	3	7.23	27.29674	21.554	18.457	16.67649	14.79663	13.5608	12.87807	11.30555	10.13255	9.02785	8.26864	7.72178	7.127	6.70923	6.09183	5.23865	4.59096	4.17551	3.98553
350	350	800	850	2	2	2	2	1272	1272	1461	1489	50	575	9	135.32	0.71	12.3228	490.73	2.2573	3	7.29	27.05347	21.2166	18.38878	16.62977	14.95402	13.85775	12.88411	11.34328	10.12184	9.14088	8.44922	7.82795	7.2743	6.70137	6.073	5.22374	4.50768	4.09005	3.95156
350	350	850	900	2	2	2	2	1272	1272	1489	1498	50	600	10	-87.335	0.71	6.3059	306.92	20.8902	2	2.87	21.88364	15.81864	12.95597	11.21478	9.42096	8.2067	8.25545	6.90507	6.10046	5.03321	4.16834	3.78211	2.83933	2.10476	1.39295	0.38493	-0.00145	-0.04155	-0.10147
400	400	450	500	2	2	2	2	1272	1272	1272	1287	50	425	1	-7.507	0.665	431.4627	407.69	0.0668	2	4.33	15.53982	12.07348	10.5532	9.48872	8.65062	7.98001	7.4411	6.75347	6.03512	5.46108	4.99337	4.59491	4.26281	3.9752	3.60223	3.19574	2.87429	2.60925	2.38168
400	400	500	550	2	2	2	2	1272	1272	1287	1312	50	450	2	-51.988	0.665	144.0124	408.24	0.2068	2	3.81	13.47179	10.40488	9.11675	8.24632	7.52305	6.94089	6.49437	5.87728	5.25501	4.7866	4.38347	4.02899	3.75924	3.52273	3.17008	2.83247	2.53106	2.31259	2.11837
400	400	550	600	2	2	2	2	1272	1272	1312	1342	50	475	3	14.844	0.665	82.3875	467.09	0.3649	2	3.83	14.26033	10.90681	9.4804	8.53489	7.77254	7.12584	6.68617	5.97425	5.32552	4.8098	4.44718	4.0777	3.7922	3.53187	3.17958	2.82571	2.53704	2.31306	2.10333
400	400	600	650	2	2	2	2	1272	1272	1342	1371	50	500	4	-15.111	0.665	43.2597	408.77	0.5649	2	3.69	14.33551	10.87398	9.35669	8.44666	7.59026	6.9308	6.52118	5.78888	5.19357	4.6864	4.25381	3.90206	3.66233	3.37613	3.0515	2.72158	2.41025	2.16473	1.98425
400	400	650	700	2	2	2	2	1272	1272	1371	1399	50	525	5	4.374	0.665	36.457	516.73	0.8161	2	4.55	17.91276	13.71852	11.67469	10.50281	9.45031	8.62774	8.12255	7.18642	6.37652	5.81919	5.19359	4.77612	4.59707	4.18489	3.75672	3.27134	2.95482	2.69281	2.41131
400	400	700	750	2	2	2	2	1272	1272	1399	1433	50	550	6	16.26	0.665	28.6187	567.88	1.0552	2	5.95	22.7963	17.5819	15.16123	13.7197	12.35404	11.31279	10.6317	9.41455	8.38728	7.48735	6.80823	6.27887	6.04526	5.54374	4.91665	4.25914	3.8712	3.50756	3.14525
400	400	750	800	2	2	2	2	1272	1272	1433	1461	50	575	7	23.608	0.665	16.4607	435.51	1.4036	2	6.68	25.34902	19.88564	17.00012	15.71673	13.77645	12.66524	11.88822	10.44041	9.49227	8.4219	7.75267	6.94409	6.78838	6.19059	5.49224	4.8963	4.28914	4.00892	3.70915
400	400	800	850	2	2	2	2	1272	1272	1461	1489	50	600	8	136.237	0.665	14.4436	491.32	1.5651	2	6.65	25.32413	19.69034	16.90748	15.42078	13.81012	12.66868	11.89892	10.40594	9.38158	8.35344	7.43551	7.01516	6.92963	6.24202	5.47063	4.83274	4.37258	4.00088	3.47384
400	400	850	900	2	2	2	2	1272	1272	1489	1498	50	625	9	-123.663	0.665	7.244	308.02	2.6688	2	4.75	20.21522	14.81107	13.14583	11.77129	10.55807	9.20109	8.74017	7.97629	6.96586	5.89403	5.1423	4.92442	4.84824	4.49836	4.06211	3.37393	2.93007	2.68364	2.63113
400	400	900	950	2	2	2	2	1272	1272	1498	1498	50	650	10	68.222	0.665	5.8304	303.01	2.796	2	3.86	14.70043	10.83911	9.03939	8.66958	7.52118	6.90276	6.73558	6.191	5.32622	5.16203	4.49638	3.53453	3.77557	3.43959	3.26843	3.18721	2.44026	2.31029	1.88489
450	450	500	550	2	2	2	2	1272	1272	1287	1312	50	475	1	-46.725	0.625	602.6671	605.88	0.0616	2	3.26	11.43351	8.7758	7.71836	6.97893	6.40358	5.92277	5.52146	5.02731	4.50652	4.1002	3.74468	3.45934	3.21102	2.99879	2.7204	2.42642	2.17758	1.97838	1.82014
450	450	550	600	2	2	2	2	1272	1272	1312	1342	50	500	2	13.145	0.625	176.2772	531.65	0.1981	2	3.41	12.39792	9.46184	8.26278	7.4612	6.82414	6.31723	5.87695	5.323	4.74236	4.30944	3.93318	3.63786	3.36928	3.13802	2.83588	2.53895	2.26786	2.04672	1.89425
450	450	600	650	2	2	2	2	1272	1272	1342	1371	50	525	3	-11.405	0.625	71.8644	433.48	0.3946	2	3.27	12.61701	9.4427	8.18658	7.31026	6.65416	6.22405	5.81353	5.21571	4.56673	4.15332	3.75806	3.50322	3.20902	3.0143	2.7039	2.38607	2.13578	1.91785	1.79358
450	450	650	700	2	2	2	2	1272	1272	1371	1399	50	550	4	0.646	0.625	53.2568	535.4	0.6354	2	4.03	16.09457	12.19858	10.431	9.3551	8.53599	7.88207	7.28801	6.4997	5.67213	5.14524	4.63861	4.33767	3.96969	3.6936	3.29135	2.97584	2.60291	2.30809	2.19563
450	450	700	750	2	2	2	2	1272	1272	1399	1433	50	575	5	17.725	0.625	39.1465	590.32	0.8933	2	5.39	20.94181	16.03164	13.83762	12.35516	11.24365	10.48292	9.73722	8.61501	7.55838	6.85207	6.24772	5.83552	5.28481	4.95368	4.40203	3.9781	3.5196	3.07828	2.93943
450	450	750	800	2	2	2	2	1272	1272	1433	1461	50	600	6	21.248	0.625	21.6277	456.6	1.1651	2	6.19	23.64718	18.33374	15.81588	14.1542	12.85918	11.93678	11.11089	9.93625	8.62144	7.86656	7.14202	6.72419	5.9715	5.66714	5.10688	4.59059	3.96507	3.5868	3.29763
450	450	800	850	2	2	2	2	1272	1272	1461	1489	50	625	7	141.772	0.625	18.5952	523.44	1.3509	2	6.18	24.10048	18.44056	15.97616	14.04521	12.65812	11.92021	11.35629	10.07258	8.76913	7.80725	7.25702	6.68964	5.9375	5.74265	5.10297	4.42123	3.91963	3.44926	3.36685
450	450	850	900	2	2	2	2	1272	1272	1489	1498	50	650	8	-137.946	0.625	9.1354	330.62	1.8277	2	4	17.61602	13.27456	11.15037	10.1323	8.68953	7.95981	7.5111	6.47752	5.76143	5.04578	4.72151	4.11897	3.76345	4.12312	3.19532	2.86657	2.14057	2.17395	2.1328
450	450	900	950	2	2	2	2	1272	1272	1498	1498	50	675	9	81.729	0.625	7.2378	327.43	2.3016	2	3.38	14.69456	10.52503	9.01788	8.06544	7.04654	6.33132	6.48702	6.14545	4.75541	4.18308	3.89947	3.95562	3.86931	3.47864	2.763	2.40471	2.01526	1.70022	1.78112
450	450	950	1000	2	2	2	2	1272	1272	1498	1488	50	700	10	-90.328	0.625	8.7383	483.17	1.9792	2	3.59	17.02627	11.89529	10.0566	9.43726	8.05828	7.32661	7.00898	5.94106	5.12659	4.54536	4.26644	3.97129	3.19004	3.56069	2.84153	2.69005	2.24086	1.67504	2.05492
500	500	550	600	2	2	2	2	1287	1287	1312	1342	50	525	1	39.15	0.69	3137.308	2856.85	0.0236	30	2.46	9.34077	6.88796	6.0111	5.4009	4.92312	4.54876	4.23205	3.84418	3.43311	3.10978	2.84011	2.62109	2.42336	2.26409	2.05562	1.82742	1.64335	1.48935	1.36197
500	500	600	650	2	2	2	2	1287	1287	1342	1371	50	550	2	-3.75	0.69	612.5938	1673.5	0.0522	30	2.5	9.7171	7.10111	6.16886	5.53204	5.01312	4.63532	4.30538	3.89953	3.47961	3.15162	2.86886	2.65694	2.45264	2.28775	2.08941	1.8517	1.66677	1.51698	1.3838
500	500	650	700	2	2	2	2	1287	1287	1371	1399	50	575	3	-1.331	0.69	294.8094	1610.73	0.1159	30	3.15	12.53117	9.31175	8.05995	7.20832	6.48278	6.00645	5.55399	4.99429	4.44576	4.01386	3.62448	3.36502	3.05979	2.884	2.61908	2.30627	2.07449	1.88687	1.72349
500	500	700	750	2	2	2	2	1287	1287	1399	1433	50	600	4	19.547	0.69	173.9337	1583.85	0.2015	30	4.28	16.45385	12.53135	10.88087	9.76185	8.79694	8.13158	7.55773	6.78543	6.04151	5.45474	4.9146	4.58833	4.16488	3.92028	3.57649	3.13141	2.81227	2.55832	2.33249
500	500	750	800	2	2	2	2	1287	1287	1433	1461	50	625	5	19.883	0.69	83.1324	1135.51	0.2898	30	5.08	19.25871	14.81633	12.90687	11.60196	10.43891	9.64895	8.9371	8.03745	7.16193	6.48819	5.82703	5.42253	4.89201	4.6528	4.2449	3.71334	3.34847	3.04074	2.77598
500	500	800	850	2	2	2	2	1287	1287	1461	1489	50	650	6	138.418	0.69	66.5954	1273.49	0.3872	30	5.19	19.75327	15.28845	13.33217	11.95481	10.69495	9.93808	9.24755	8.30662	7.30893	6.59183	5.89195	5.59297	5.04669	4.73714	4.36398	3.79731	3.36583	3.11674	2.82122
500	500	850	900	2	2	2	2	1287	1287	1489	1498	50	675	7	-138.777	0.69	31.2495	796.77	0.4414	30	3.09	13.59185	9.82142	8.39088	7.67813	6.60017	6.25598	5.76353	5.05503	4.42809	3.95468	3.62064	3.28175	2.93319	2.90084	2.53228	2.21999	1.97966	1.80787	1.64412
500	500	900	950	2	2	2	2	1287	1287	1498	1498	50	700	8	86.889	0.69	23.6594	775.6	0.5989	30	2.36	10.21669	7.42913	6.43171	5.98702	5.02999	4.78364	4.32941	3.72859	3.40434	3.02465	2.72603	2.54229	2.36944	2.14793	1.94121	1.5681	1.52562	1.44068	1.26259
500	500	950	1000	2	2	2	2	1287	1287	1498	1488	50	725	9	-93.454	0.69	27.2792	1117.83	0.6253	30	2.61	12.76604	9.03712	7.58215	6.82597	5.67548	5.5856	5.06925	4.37216	3.83346	3.47374	2.95411	2.81482	2.47801	2.36588	2.15391	1.81095	1.7621	1.57602	1.34239
500	500	1000	1050	2	2	2	2	1287	1287	1488	1475	50	750	10	-18.921	0.69	36.113	1808.66	0.7384	30	3.3	15.02487	10.85858	9.34165	8.45525	7.25386	6.884	6.32175	5.42451	4.92866	4.43733	3.77132	3.55363	3.08814	2.91437	2.75509	2.27103	2.04601	1.89171	1.72019
550	550	600	650	2	2	2	2	1312	1312	1342	1371	50	575	1	-219.765	0.74	2929.161	2487.09	0.0251	30	2.13	8.25422	5.88371	5.12258	4.59034	4.1888	3.86806	3.60321	3.27733	2.93476	2.66282	2.44394	2.25433	2.09451	1.9579	1.78606	1.59264	1.43707	1.30784	1.20063
550	550	650	700	2	2	2	2	1312	1312	1371	1399	50	600	2	4.827	0.74	884.1423	2252.12	0.0464	30	2.96	11.67451	8.5909	7.43577	6.62723	6.02043	5.53928	5.14552	4.65842	4.15183	3.74471	3.42167	3.14098	2.91025	2.70921	2.47009	2.18652	1.96724	1.7803	1.63018
550	550	700	750	2	2	2	2	1312	1312	1399	1433	50	625	3	13.615	0.74	442.7396	2255.53	0.0861	30	4	15.10978	11.47222	9.96642	8.90639	8.10223	7.47158	6.94521	6.28657	5.61645	5.06094	4.62969	4.24317	3.9332	3.65453	3.33689	2.95014	2.65722	2.39519	2.20084
550	550	750	800	2	2	2	2	1312	1312	1433	1461	50	650	4	14.829	0.74	192.5125	1634.58	0.1359	30	4.87	17.86518	13.80274	12.01764	10.74705	9.80528	9.03403	8.39955	7.60872	6.8114	6.14889	5.63457	5.15099	4.77065	4.4372	4.07305	3.58154	3.23743	2.92824	2.6928
550	550	800	850	2	2	2	2	1312	1312	1461	1489	50	675	5	147.522	0.74	147.9612	1884.46	0.1738	30	5.07	19.00156	14.60547	12.68559	11.32829	10.30038	9.49899	8.83432	7.97079	7.13827	6.41348	5.87718	5.38177	4.96346	4.62756	4.24757	3.72803	3.36306	3.03263	2.76618
550	550	850	900	2	2	2	2	1312	1312	1489	1498	50	700	6	-139.303	0.74	67.4093	1201.95	0.2166	30	3	12.47374	9.06239	7.86179	6.87563	6.22802	5.77937	5.26219	4.70293	4.26202	3.76993	3.51049	3.22246	2.97402	2.68702	2.49099	2.17407	2.00961	1.81228	1.65035

Geophysical Survey Data (Continued)

LINE: A2																																								
C1X	C2X	P1X	P2X	C1Y	C2Y	P1Y	P2Y	C1Z	C2Z	P1Z	P2Z	RxDipol	PltPt	Nlevel	SP	I	Vp	Res	SD	Nstack	Mx	IP1	IP2	IP3	IP4	IP5	IP6	IP7	IP8	IP9	IP10	IP11	IP12	IP13	IP14	IP15	IP16	IP17	IP18	IP19
550	550	900	950	2	2	2	2	1312	1312	1498	1498	50	725	7	85.696	0.74	49.8194	1184.42	0.3176	30	2.28	9.50597	6.94275	5.95578	5.18175	4.76572	4.52561	4.08089	3.65036	3.28188	2.89289	2.67085	2.38166	2.21882	2.03486	1.88815	1.72264	1.53364	1.37875	1.225
550	550	950	1000	2	2	2	2	1312	1312	1498	1488	50	750	8	-88.875	0.74	56.105	1714.95	0.3517	30	2.5	11.43885	8.13509	6.90108	6.11592	5.49675	5.02909	4.58413	4.08649	3.60941	3.26066	2.94301	2.60611	2.41763	2.1898	2.06495	1.84117	1.63313	1.45694	1.34894
550	550	1000	1050	2	2	2	2	1312	1312	1488	1475	50	775	9	-21.01	0.74	72.7807	2780.85	0.3139	30	3.3	14.23703	10.50234	9.02486	7.88074	7.12887	6.57284	6.0063	5.39065	4.81589	4.251	3.89077	3.48015	3.25004	2.96106	2.71108	2.35702	2.10551	1.89748	1.75091
550	550	1050	1100	2	2	2	2	1312	1312	1475	1478	50	800	10	31.768	0.74	49.9219	2331.32	0.4636	30	3.7	16.87081	12.1402	10.2809	9.07563	8.13872	7.43536	6.82803	6.05541	5.30502	4.79734	4.37223	3.89008	3.59835	3.37651	3.02639	2.67117	2.3581	2.10361	1.92685
600	600	650	700	2	2	2	2	1342	1342	1371	1399	50	625	1	-1.124	0.705	3455.28	3079.46	0.0274	2	2.56	10.19477	7.43517	6.43648	5.74424	5.21886	4.79888	4.4528	4.03612	3.59156	3.24146	2.95379	2.71742	2.51467	2.34108	2.11971	1.87741	1.68625	1.526	1.39063
600	600	700	750	2	2	2	2	1342	1342	1399	1433	50	650	2	12.511	0.705	1113.777	2977.91	0.0521	2	3.46	13.18945	9.89123	8.59932	7.69163	6.99994	6.44715	5.99455	5.43427	4.84328	4.38074	3.99579	3.67851	3.40703	3.17638	2.87878	2.5524	2.29493	2.08135	1.89607
600	600	750	800	2	2	2	2	1342	1342	1433	1461	50	675	3	13.041	0.705	387.2911	2071	0.0917	2	4.4	15.97505	12.28959	10.73959	9.63376	8.77947	8.10348	7.53692	6.84978	6.11755	5.54113	5.06417	4.67185	4.33326	4.04633	3.67254	3.26212	2.9413	2.67058	2.43166
600	600	800	850	2	2	2	2	1342	1342	1461	1489	50	700	4	151.981	0.705	273.7315	2439.59	0.1274	2	4.72	17.49262	13.40471	11.67048	10.43489	9.49736	8.75729	8.14947	7.38529	6.5811	5.95199	5.44147	5.01013	4.64365	4.33474	3.92729	3.47881	3.13048	2.84711	2.59092
600	600	850	900	2	2	2	2	1342	1342	1489	1498	50	725	5	-146.538	0.705	118.0258	1577.83	0.1593	2	2.67	11.08497	7.94218	6.84462	6.04586	5.48414	5.03445	4.65339	4.21216	3.74218	3.37274	3.06184	2.83979	2.6457	2.46203	2.21999	1.98469	1.76923	1.61713	1.46882
600	600	900	950	2	2	2	2	1342	1342	1498	1498	50	750	6	87.081	0.705	83.9422	1571.05	0.204	2	1.96	8.38601	5.96178	5.17331	4.51148	4.09163	3.77233	3.48938	3.13342	2.76431	2.46469	2.26831	2.10778	1.91873	1.81438	1.62953	1.43985	1.28091	1.19593	1.06986
600	600	950	1000	2	2	2	2	1342	1342	1498	1488	50	775	7	-96.461	0.705	91.2047	2275.97	0.2155	2	2.17	9.94757	6.95403	5.95763	5.21865	4.66505	4.29125	3.97153	3.52748	3.11543	2.75558	2.50061	2.28078	2.14687	1.99579	1.7914	1.56395	1.37286	1.27587	1.1189
600	600	1000	1050	2	2	2	2	1342	1342	1488	1475	50	800	8	-15.157	0.705	115.152	3694.59	0.2627	2	2.99	12.93372	9.43023	8.05405	7.09164	6.37946	5.84856	5.38993	4.82694	4.25655	3.81106	3.44683	3.18732	2.94929	2.73138	2.4714	2.12539	1.904	1.70378	1.53596
600	600	1050	1100	2	2	2	2	1342	1342	1475	1478	50	825	9	25.95	0.705	76.8018	3080.18	0.3903	2	3.34	15.30535	10.91655	9.23955	8.11215	7.24886	6.60794	6.14619	5.42347	4.78829	4.27718	3.88072	3.53397	3.28354	3.08065	2.75624	2.38276	2.14373	1.91705	1.70261
650	650	700	750	2	2	2	2	1371	1371	1399	1433	50	675	1	8.949	0.65	4146.115	4007.82	0.0247	30	3.29	12.83251	9.6768	8.37978	7.4735	6.78414	6.23777	5.78246	5.23049	4.64736	4.1874	3.81534	3.50554	3.23689	3.00952	2.72118	2.40969	2.1559	1.94969	1.77732
650	650	750	800	2	2	2	2	1371	1371	1433	1461	50	700	2	10.412	0.65	875.3312	2538.4	0.0359	30	4.15	15.03738	11.58342	10.10602	9.05929	8.26732	7.63489	7.10079	6.45326	5.76712	5.22769	4.78117	4.4078	4.08032	3.80696	3.45675	3.07496	2.76656	2.51355	2.30252
650	650	800	850	2	2	2	2	1371	1371	1461	1489	50	725	3	156.479	0.65	516.049	2993.01	0.0489	30	4.5	16.47724	12.69503	11.05873	9.89148	9.01732	8.317	7.73634	7.02912	6.27185	5.68701	5.19576	4.78654	4.41846	4.12147	3.73894	3.32483	2.98973	2.70914	2.48316
650	650	850	900	2	2	2	2	1371	1371	1489	1498	50	750	4	-153.859	0.65	200.9064	1942.05	0.0617	30	2.39	9.49984	6.91448	5.98913	5.32016	4.80625	4.45564	4.12541	3.72984	3.33776	3.01683	2.76639	2.55462	2.33893	2.21037	1.9925	1.77076	1.59024	1.44418	1.33632
650	650	900	950	2	2	2	2	1371	1371	1498	1498	50	775	5	97.046	0.65	133.0516	1929.2	0.077	30	1.77	8.08068	5.53172	4.72013	4.11145	3.68927	3.35948	3.1014	2.79071	2.4881	2.25844	2.0643	1.89608	1.72051	1.61062	1.44489	1.29537	1.15207	1.05509	0.95962
650	650	950	1000	2	2	2	2	1371	1371	1498	1488	50	800	6	-99.576	0.65	136.3016	2766.86	0.1006	30	1.87	8.8443	6.11527	5.21799	4.56883	4.07443	3.75818	3.44893	3.07854	2.70837	2.43363	2.20404	2.00414	1.83031	1.69252	1.52038	1.34559	1.20074	1.07365	1.00666
650	650	1000	1050	2	2	2	2	1371	1371	1488	1475	50	825	7	-14.767	0.65	164.655	4456.56	0.1287	30	2.69	11.66175	8.51605	7.32843	6.46217	5.78185	5.30215	4.87016	4.34812	3.87221	3.49021	3.14534	2.89289	2.64068	2.42879	2.19384	1.92268	1.73222	1.55165	1.41229
650	650	1050	1100	2	2	2	2	1371	1371	1475	1478	50	850	8	29.347	0.65	105.1572	3659.39	0.1832	30	2.98	13.59098	9.76134	8.26916	7.24652	6.46624	5.91864	5.37846	4.8217	4.25891	3.86399	3.46816	3.20439	2.91372	2.69317	2.42029	2.12826	1.91216	1.72112	1.59593
700	700	750	800	2	2	2	2	1399	1399	1433	1461	50	725	1	-10.806	0.61	3390.987	3492.82	0.0335	30	4.59	16.86475	12.97393	11.30304	10.12819	9.22791	8.50934	7.91328	7.18457	6.40929	5.79128	5.29629	4.87855	4.52061	4.21391	3.81954	3.39245	3.04909	2.76345	2.52484
700	700	800	850	2	2	2	2	1399	1399	1461	1489	50	750	2	117.586	0.61	1429.685	4417.86	0.0404	30	5.03	18.63679	14.28386	12.42417	11.12592	10.12912	9.33625	8.68519	7.87826	7.02562	6.34513	5.80161	5.34207	4.9579	4.6198	4.18333	3.71038	3.33714	3.02035	2.76181
700	700	850	900	2	2	2	2	1399	1399	1489	1498	50	775	3	-164.459	0.61	465.6566	2877.84	0.038	30	2.77	11.02403	8.03804	6.96901	6.21553	5.63469	5.1709	4.80605	4.34737	3.8753	3.49516	3.19828	2.94978	2.74445	2.55524	2.30714	2.04625	1.84818	1.66707	1.53613
700	700	900	950	2	2	2	2	1399	1399	1498	1498	50	800	4	90.233	0.61	273.8032	2820.26	0.0475	30	1.95	9.0171	6.15492	5.2473	4.62709	4.16467	3.78718	3.51253	3.15005	2.78262	2.47626	2.26082	2.07754	1.94184	1.79828	1.60976	1.40974	1.27216	1.14841	1.05572
700	700	950	1000	2	2	2	2	1399	1399	1498	1488	50	825	5	-96.881	0.61	254.4421	3931.25	0.0638	30	2.01	9.60818	6.56372	5.60291	4.912	4.42879	4.00205	3.72307	3.31616	2.90361	2.57568	2.34676	2.15035	1.98568	1.83669	1.64603	1.43442	1.28756	1.14217	1.04573
700	700	1000	1050	2	2	2	2	1399	1399	1488	1475	50	850	6	-19.515	0.61	286.0546	6187.54	0.0807	30	2.73	12.18045	8.72903	7.48053	6.60158	5.97471	5.39607	5.04566	4.47289	3.94525	3.49828	3.1732	2.90777	2.71852	2.48782	2.21768	1.94754	1.72634	1.54189	1.41138
700	700	1050	1100	2	2	2	2	1399	1399	1475	1478	50	875	7	26.338	0.61	170.6407	4921.42	0.1159	30	2.81	13.18876	9.34338	7.97871	6.99739	6.29752	5.67102	5.27427	4.64823	4.08279	3.62214	3.29426	3.00556	2.78548	2.573	2.2731	1.98707	1.74373	1.55459	1.43159
750	750	800	850	2	2	2	2	1433	1433	1461	1489	50	775	1	139.257	0.5	5316.624	6681.07	0.0403	30	6.64	23.74832	18.71822	16.33791	14.65898	13.3704	12.33088	11.4681	10.41563	9.29165	8.40175	7.67116	7.05684	6.53503	6.0842	5.51397	4.88983	4.38716	3.97202	3.62234
750	750	850	900	2	2	2	2	1433	1433	1489	1498	50	800	2	-143.157	0.5	1119.795	4221.53	0.0324	30	4.66	17.17713	13.21166	11.49667	10.29705	9.38254	8.64557	8.03493	7.29955	6.51341	5.89198	5.38277	4.95209	4.58971	4.27428	3.87763	3.44885	3.09853	2.81138	2.56971
750	750	900	950	2	2	2	2	1433	1433	1498	1498	50	825	3	68.572	0.5	521.0674	3928.76	0.0315	30	3.5	13.80022	10.26617	8.85309	7.88995	7.16448	6.5755	6.09651	5.52766	4.91425	4.44667	4.04998	3.71154	3.43736	3.20288	2.89174	2.57063	2.30731	2.09233	1.91297
750	750	950	1000	2	2	2	2	1433	1433	1498	1488	50	850	4	-89.274	0.5	409.3849	5144.48	0.0367	30	3.33	13.51798	10.02985	8.63347	7.67298	6.94531	6.36758	5.89606	5.32745	4.7293	4.25303	3.87883	3.54425	3.26693	3.03292	2.73991	2.43187	2.17531	1.96957	1.79495
750	750	1000	1050	2	2	2	2	1433	1433	1488	1475	50	875	5	-12.116	0.5	408.5412	7700.82	0.0514	30	3.89	15.80278	11.83616	10.17051	9.03044	8.18736	7.48461	6.91746	6.25806	5.5586	4.98539	4.53324	4.13627	3.82207	3.54051	3.18605	2.82326	2.51396	2.28293	2.07488
750	750	1050	1100	2	2	2	2	1433	1433	1475	1478	50	900	6	15.535	0.5	220.2151	5811.34	0.089	30	3.61	15.5283	11.4104	9.70967	8.60015	7.77622	7.06962	6.51867	5.87834	5.21271	4.69482	4.23223	3.84198	3.54414	3.28425	2.92503	2.60501	2.30818	2.1052	1.93931
800	800	850	900	2	2	2	2	1461	1461	1489	1498	50	825	1	-118.748	0.45	3481.31	4860.83	0.0262	30	4.53	17.01427	13.10341	11.37899	10.17021	9.24658	8.51112	7.89722	7.1589	6.37411	5.75073	5.24175	4.81937	4.45915	4.14654	3.75635	3.32902	2.98634	2.70155	2.46033
800	800	900	950	2	2	2	2	1461	1461	1498	1498	50	850	2	41.069	0.45	1105.241	4629.62	0.0271	30	3.54	14.14041	10.52576	9.06469	8.05905	7.30517	6.70524	6.21048	5.61494	4.98951	4.49923	4.09996	3.75995	3.4768	3.22919	2.92326	2.58637	2.31961	2.09881	1.91375
800	800	950	1000	2	2	2	2	1461	1461	1498	1488	50	875	3	-91.335	0.45	713.6542	5978.7	0.0332	30	3.56	14.25807	10.69099	9.21753	8.19977	7.41848	6.81379	6.30195	5.68863	5.0501	4.54342	4.13925	3.78935	3.50353	3.25583	2.93413	2.59018	2.32046	2.09692	1.90417
800	800	1000	1050	2	2	2	2	1461	1461	1488	1475	50	900	4	-13.556	0.45	629.4859	8789.28	0.0461	30	4.26	16.96672	12.85053	11.08726	9.86609	8.92557	8.18932	7.57275	6.83454	6.06825	5.45939	4.96342	4.54119	4.1897	3.89497	3.50138	3.09514	2.76671	2.49714	2.26042
800	800	1050	1100	2	2	2	2	1461	1461	1475	1478	50	925	5	8.351	0.45	308.8474	6468.48	0.0802	30	4	16.60452	12.34685	10.6004	9.39318	8.45028	7.73778	7.13994	6.44755	5.70586	5.13526	4.66341	4.25501	3.93238	3.64765	3.27004	2.87718	2.57626	2.31732	2.09994
850	850	900	950	2	2	2	2	1489	1489	1498	1498	50	875	1	70.038	0.46	3590.905	4904.85	0.0232	30	2.98	12.22048	8.96895	7.71586	6.85542	6.20512	5.68955	5.26733	4.75929	4.22378	3.79473	3.45358	3.17092	2.92604	2.71945	2.46036	2.17513	1.94915	1.76125	1.60329
850	850	950	1000	2	2	2	2	1489	1489	1498	1488	50	900	2	-85.6	0.46	1462.677	5993.65	0.0256	30	3.24	13.23921	9.78317	8.41681	7.47499	6.76924	6.20723	5.74561	5.18765	4.60338	4.1382	3.76124	3.45137	3.18646	2.95783	2.67394	2.36225	2.11453	1.90762	1.73685
850	850	1000	1050	2	2	2	2	1489	1489	1488	1475	50	925	3	-13.59	0.46	1040.706	8529.06	0.0348	30	4.21	16.83412	12.6883	10.93728	9.71862	8.81316	8.08176	7.48078	6.75754	5.99828	5.38746	4.89259	4.48355	4.1378	3.83482	3.46854	3.05948	2.73706	2.4663	2.24196
850	850	1050	1100	2	2	2	2	1489	1489	1475	1478	50	950	4	4.633	0.46	455.8935	6227.1	0.0482	30	4.05	16.71215	12.45985	10.67466	9.44991	8.55423	7.83535	7.24433	6.52887	5.78851	5.18767	4.70253	4.30619	3.97027	3.67593	3.33104	2.93028	2.62697	2.35912	2.14119
900	900	950	1000	2	2	2	2	1498	1498	1498	1488	50	925	1	-200.314	0.4	3636.056	5711.5	0.023	30	2.45	10.45027	7.48906	6.42752	5.69985	5.15296	4.72043	4.36478	3.93447	3.48273	3.12877	2.84323	2.60458	2.40273	2.23135	2.01363	1.77693	1.58944	1.43242	1.30386
900	900	1000	1050	2	2	2	2	1498	1498	1488	1475	50	950	2	-13.224	0.4	1462.113	6890.05	0.0361	30	3.63	14.92871	11.07698	9.52441	8.45367	7.64523	7.00789	6.48402	5.84668	5.18004	4.65194	4.22431	3.86837	3.57242	3.31403	2.98869	2.63423	2.35212	2.1193	1.92561
900	900	1050	1100	2	2	2	2	1498	1498	1475	1478	50	975	3	11.176	0.4	558.2381	5261.27	0.0624	30	3.68	15.36022	11.37033	9.74546	8.63165	7.78361	7.12513	6.58338	5.92451	5.24711	4.7096	4.26985	3.90969	3.61375	3.35412	3.02359	2.65673	2.3705	2.13972	1.93959
950	950	1000	1050	2	2	2	2	1498	1498	1488	1475	50	975	1	-9.924	0.46	3830.636	5232.3	0.0288	30	2.82	12.11082	8.8076	7.53965	6.6786	6.02922	5.50868	5.08825	4.57941	4.04539	3.62767	3.29053	3.01062	2.77169	2.56693	2.31516	2.03704	1.81612	1.63516	1.48427
950	950	1050	1100	2	2	2	2	1498	1498	1475	1478	50	1000	2	16.175	0.46	1068.091	4376.75	0.0381	30	3.16	13.58039	9.92423	8.47641	7.50623	6.76968	6.18014	5.71205	5.12637	4.53271	4.06086	3.68468	3.37219	3.1016	2.88076	2.5974	2.28258	2.03575	1.83846	1.66669
1000	1000	1050	1100	2	2	2	2	1488	1488	1475	1478	50	1025	1	-2.544	0.5	3848.156	4835.74	0.025	30	3.21	13.76013	10.11465	8.65233	7.64879	6.89685	6.30137	5.81332	5.22823	4.61358	4.13389	3.74446	3.41857	3.14711	2.91322	2.62463	2.30701	2.05725	1.84938	1.6763