BC Geological Survey
Assessment Report
32438

ASSESSMENT REPORT

THE SEEL PROPERTY

Claims:

505930, 505931, 509107, 509109, 509116, 509117, 509119, 509121, 509122, 509125, 509126, 509140, 509150, 509151, 544319, 544320, 544321, 544841, 544842, 544844, 544845, 544847, 545720, 545721, 545722, 545724, 545726, 545727, 545728, 545729, 545730, 545731, 545732, 690603, 690623, 836962, 505713, 505731, 505733, 505734, 505736, 505738, 505744, 505746, 505749, 513095, 513096, 513097, 513098, 513099, 513136, 517041, 658944

53°40.2''N 127° 3.1'W

NTS Sheet: 093E/11

Mining Zone: Omineca Mining Division

Location: Tahtsa Reach, Central British Columbia

888 – 700 WEST GEORGIA ST.
Vancouver, BC V7Y 1G5

OWNER:
GOLD REACH RESOURCES LTD.
Vancouver, BC V7Y 1G5

By

October 4 2011
Derrick Strickland, P.Geo.

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1 Summary

The Seel Property is located within the Omineca Mining Division approximately 120 kilometres by gravel road from the town of Houston in West Central British Columbia. The Property is located on the south side of Tahtsa Reach, an arm of Ootsa Lake, an artificial lake created by the Kenney dam which blocks the Nechako River. Ox Lake is located 8 km east of the operating Huckleberry porphyry copper mine

The district is located in the Tahtsa Ranges physiographic region of central British Columbia. Physiographically, the claims area is part of the transition zone between the Coast Mountains and Interior Plateau. The Property lies astride the northern flank of the Whitesail Range. This range is an up-faulted, block-like mountain which rests abruptly along its northwestern margin and slopes cuesta-like generally towards the south and east. It represents an uplifted portion of the Interior Plateau.

The Seel Property is underlain by the Hazelton Group, which can be divided into three units: felsic tuff, andesitic tuff, and sandstone and siltstone. The felsic tuff is greater than 300 metres thick and is made up of about equal amounts of feldspar porphyry and pale grey siliceous tuff with minor andesitic tuff. The andesitic tuff unit overlies the felsic tuff is comprised of dark green tuffs and/or volcanic sedimentary strata. These rocks are intruded by a small granodiorite porphyry plug, a larger diorite intrusion and several basic dykes. Mineralization is associated with the granodiorite porphyry plug, but it is most intensively developed within the adjacent felsic tuff and andesitic tuff.

Gold Reach Resource undertook an exploration program on the Seel Property from June 15 to July 29 2011 consisting of 41.7 line kilometres of 3DIP and 1382.46 meters of drilling. Total expenditures for the 2011 Exploration Program, that qualify as assessment work, is $ 602,418.21 in the name of Gold Reach Resources Ltd

The recent drilling has shown the mineralized Cu-Au zone is continuous for over 450 metres vertically, and the zone still remains open at depth. This nearly doubles the previously drilled depth extent of the zone and opens up a lot of potential to significantly expand the resource.

2 Terms of References

This report has been written to fulfill the requirements for filing assessment work under the British Columbia Mineral Tenure Act. It describes the exploration undertaken on the Seel Property in form June 15th to July 29th 2011. The Property is described in an assessment report titled "Assessment Report on the Seel Mineral Claims Tahtsa Reach, Omineca Mining Division". This report is not compliant with National Instrument 43-101 and Form 43-101F1, and should not be used as a "Technical Report" under National Instrument 43-101.

3 Property Description and Location

The Seel Property is located on NTS 093E/11 approximately 120 kilometres southwest of Houston, a small town in the Central Interior of British Columbia. The claims are centred at UTM 628835E by 5949181N (NAD83), or latitude 53°10'N by longitude 127°03'W. The Property is about six kilometres east of Huckleberry Mountain, in the northern limit of the Whitesail Range. The lake is roughly 800 metres long, and is drained by a small creek at its north end. Locally, hills rise to 1067 metres, compared to 853 metres elevation of Tahtsa Reach, but peaks in the Whitesail Range rise to elevations of over 1,981 metres. The hills are thickly timbered. The Seel claims are owned by Gold Reach Resources Ltd.

Table 1: Seel Claims

Tenure Number	Claim Name	Owner	Good To Date	Area (ha)
505930		206087 (100%)	2018/nov/30	76.625
505931		206087 (100%)	2019/nov/15	76.62
509107		206087 (100%)	2018/nov/30	76.61
509109		206087 (100%)	2018/nov/30	76.603
509116		206087 (100%)	2018/nov/30	19.15
509117		206087 (100%)	2018/nov/30	38.302
509119		206087 (100%)	2019/nov/15	57.462
509121		206087 (100%)	2019/nov/15	38.315
509122		206087 (100%)	2018/nov/30	19.155
509125		206087 (100%)	2018/nov/30	19.154
509126		206087 (100%)	2018/nov/30	19.154
509140		206087 (100%)	2018/nov/30	19.157
509150		206087 (100%)	2018/nov/30	19.152
509151		206087 (100%)	2018/nov/30	19.157
544319	SEEL20	206087 (100%)	2018/nov/30	402.5396
544320		206087 (100%)	2018/nov/30	479.2105
544321	SEEL22	206087 (100%)	2018/nov/30	479.447
544841	SEEL23	206087 (100%)	2018/nov/30	440.8315
544842	SEEL24	206087 (100%)	2018/nov/30	440.9656
544844	SEEL25	206087 (100%)	2018/nov/30	478.9541
544845	SEEL26	206087 (100%)	2018/nov/30	460.1608
544847	SEEL27	206087 (100%)	2018/nov/30	460.2722
545720	SEEL28	206087 (100%)	2018/nov/30	478.8621
545721	SEEL29	206087 (100%)	2018/nov/30	440.5673
545722	SEEL30	206087 (100%)	2018/nov/30	440.573
545724	SEEL31	206087 (100%)	2018/nov/30	478.9425
545726	SEEL32	206087 (100%)	2018/nov/30	479.206
545727	SEEL33	206087 (100%)	2018/nov/30	479.2168
545728	SEEL34	206087 (100%)	2018/nov/30	479.1507
545729	SEEL35	206087 (100%)	2018/nov/30	479.3192
545730	SEEL36	206087 (100%)	2018/nov/30	479.4968
545731	SEEL37	206087 (100%)	2018/nov/30	479.4962
545732	SEEL38	206087 (100%)	2018/nov/30	326.0692
690603	SEEL 40	206087 (100%)	2018/nov/30	460.3753
690623	SEEL41	206087 (100%)	2018/nov/30	460.3536
836962	XE1	206087 (100%)	2018/nov/30	19.1687
505713	Seel 11	201965 (100%)	2018/nov/30	441.285
505731	Seel 12	201965 (100%)	2018/nov/30	460.557
505733	Seel 13	201965 (100%)	2018/nov/30	306.504
505734	Seel 13	201965 (100%)	2018/nov/30	459.933
505736	Seel 15	201965 (100%)	2018/nov/30	479.031
505738	Seel 16	201965 (100%)	2018/nov/30	460.194
505744	Seel 17	201965 (100%)	2018/nov/30	478.841
505746	Seel 18	201965 (100%)	2018/nov/30	479.923
505749	Seel 19	201965 (100%)	2018/nov/30	478.736
513095		201965 (100%)	2018/nov/30	1226.884
513096		201965 (100%)	2018/nov/30	268.474
513097		201965 (100%)	2018/nov/30	919.762
513098		201965 (100%)	2018/nov/30	421.93
513099		201965 (100%)	2018/nov/30	613.375
513136		201965 (100%)	2018/nov/30	613.303
517041	SEEL 20	201965 (100%)	2018/nov/30	57.468
658944	SEEL L1	201965 (100%)	2018/nov/30	460.2137
866969		201965 100%	2012/jul/21	421.32
Total				**19,245.53**

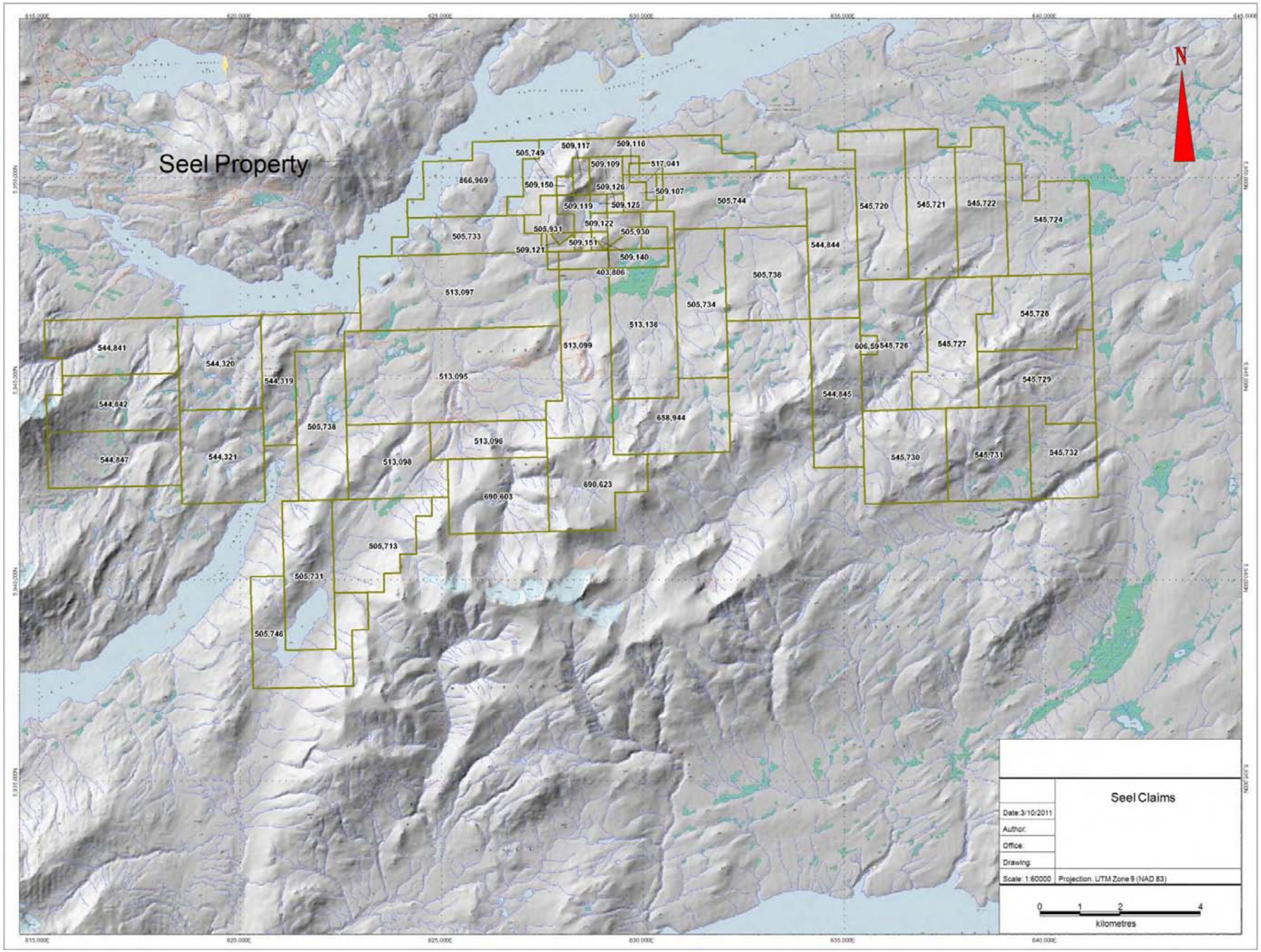
Figures 1 show the general location of the Property, and Appendix II illustrates the mineral claims.

Total expenditures for the 2011 Exploration Program, that qualify as assessment work, is $ 602,418.21 in the name of Gold Reach Resources Ltd. A detailed breakdown of the expenditures is contained in Appendix 1

Figure 1: Location of Property



Figure 2:Seel Claims



4 Access, Local Resources, Infrastructure and Physiography

The Property is located southwest of the town of Houston, a local supply and industrial centre and is serviced by the CNR transcontinental railway as well as by Highway 16, a major thoroughfare. Daily air service to Vancouver is available from Smithers, BC, approximately 70 kilometres by road to the northwest of Houston. From Houston, access to the Property is by road using two wheel drive vehicles in fair weather, and a four wheel drive vehicle in poor weather. A small ferry, servicing the logging industry, was used to cross Tahtsa Reach, where the Property is located on the south side. Road access is achieved by first travelling west from Houston on Highway 16 to the intersection with the Morice Forest Service Road (FSR); then south 56.5 km on the Morice FSR and the Morice-Owen FSR to the intersection with the Morice-Nadina Forest Service Road. Travel is then south and west along the Morice-Nadina FSR a further 33 kilometres to the Morice Reach Forest Service Road. The Morice Reach FSR is taken to the south for a further 20 km to the Tahtsa Reach Ferry crossing. The ferry is taken to the southern shore of Tahtsa Reach, and travel is resumed west and south by road to approximately 10km on the Troitsa Main Forest Service Road.

The Property lies at the northern end of the Whitesail Range and on the southern shore of Tahtsa Reach. The district is located in the Tahtsa Ranges physiographic region of central British Columbia. Relief is moderate on the Property with a maximum difference in elevation of approximately 400 metres.

Climate is transitional between that of the Coast Ranges and that of the Central Interior Plateau, with short cool summers, and long relatively mild winters. Annual temperature variation in the region is approximately -25 to +25 degrees Celsius. Snow pack in the

winter ranges from 1 to 4 metres. The operating season for ground based activities such as geological mapping, surface sampling and geophysical surveys extends from approximately early June to late October. With sufficient support, diamond drilling can be conducted year round.

5 Regional Geology

The Ox Lake district lies within the Intermontane Tectonic Belt, and flanks the eastern edge of the Coast Crystalline Belt. The Ox Lake area is underlain predominately by Early to Middle Jurassic volcanic and sedimentary rocks of the Hazelton Group. The Hazelton Group is comprised of subaerial andesitic volcanic rocks of the Lower Jurassic Telkwa Formation, felsic pyroclastic and volcaniclastic rocks of the Lower to Middle Jurassic Whitesail Formation, shallow water feldspathic sedimentary rocks of the Middle Jurassic Smithers Formation and shallow to deep water marine sedimentary rocks of the Middle to Upper Jurassic Ashman Formation.

South of Tahtsa Reach, the Hazelton Group is unconformably overlain by basalt and rhyolite of the Eocene Ootsa Lake Group. To the west, the Hazelton Group is overlain in several areas by successor basin deposits of Middle-Late Jurassic Bowser Lake sedimentary rocks and Early Cretaceous Skeena Group turbidites and local basalt flows. These are unconformably overlain by Late Cretaceous Kasalka Group volcanic rocks, consisting of felsic pyroclastics, felsic flows, and younger basalt flows.

The Jurassic and Cretaceous rocks are preserved within the Tahtsa Lake cauldron subsidence complex. These rocks have been intruded by numerous small to medium-sized stocks and zoned intrusions ranging in age from Late Cretaceous to Early Tertiary (MacIntyre, 1985). The Late Cretaceous Bulkley Intrusions are mainly hornblende-biotite granodiorite stocks and larger zoned intrusions and are of economic interest because they have associated copper mineralization. The associated deposits include Huckleberry, Whiting Creek, Ox Lake, Coles Creek and Berg. Copper-molybdenum mineralization is also associated with the Eocene Nanika quartz monzonite intrusions, but Berg is the only significant deposit of this type known to occur near Huckleberry. Numerous northwest trending dike swarms of rhyolitic to basaltic composition occur

throughout the area, and these are assumed to be of Late Cretaceous to Early Tertiary age.

The formation of porphyry copper mineralization is also believed to be controlled by faults related to the Tahtsa Lake cauldron subsidence complex (MacIntyre, 1985). A period of crustal extension and block faulting that is recognized throughout central B.C. has been superimposed on Eocene and older rocks in the area resulting in a complex map pattern. In the vicinity of the Ox Lake Property a series of northeast and north trending faults is probably related to this period of extension.

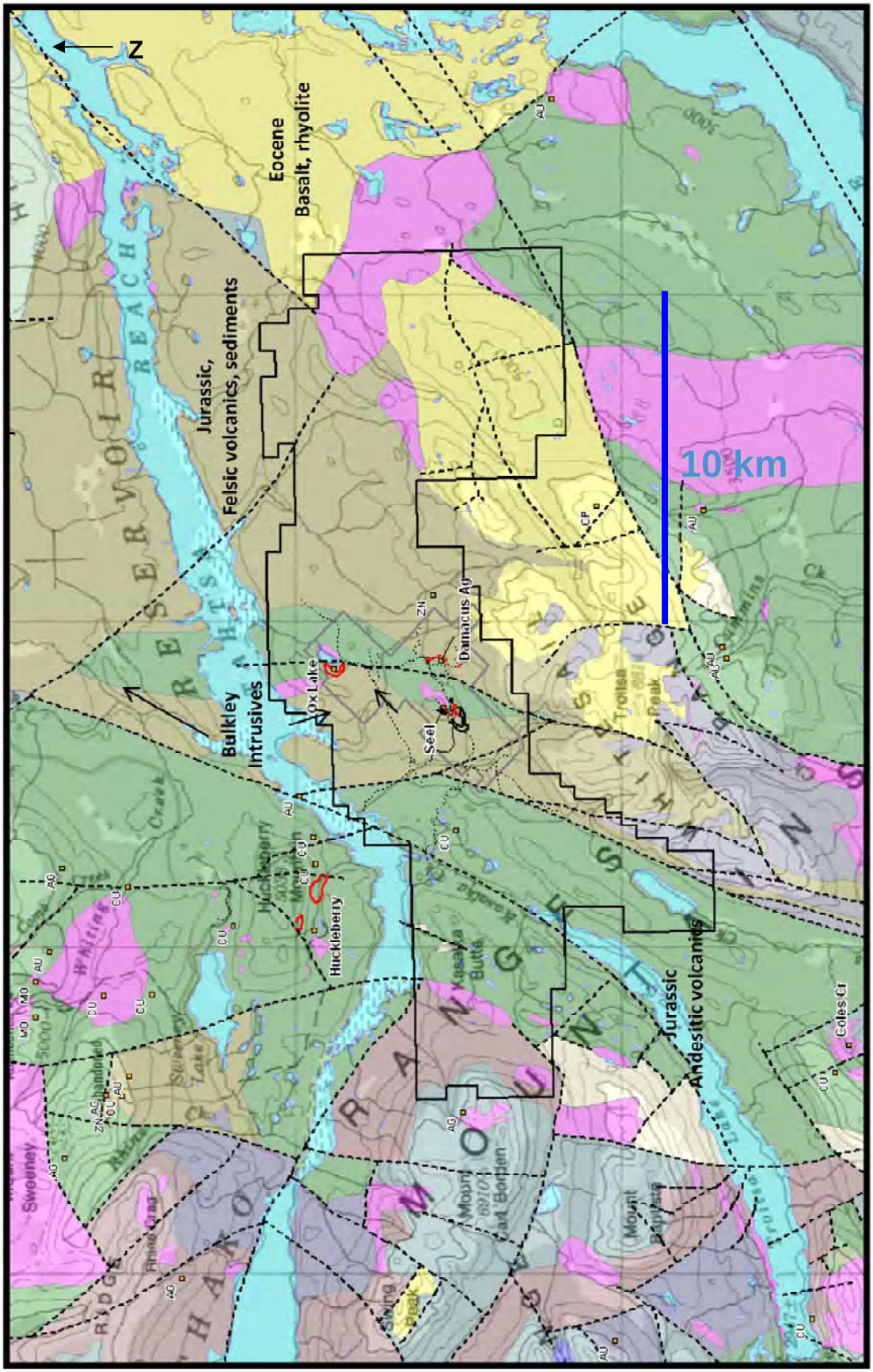
6 Property Geology

The Seel Property is underlain by a series of juxtaposed fault blocks containing tilted and locally folded strata of the Telkwa, Nilkitkwa, Whitesail and Smithers Formations of the Lower to Middle Jurassic Hazelton Group (Figure 2). These rocks are cut by multi-phase intrusive complexes that are correlative with the Late Cretaceous Bulkley Intrusive suite. Intrusive phases include diorite, granodiorite, quartz diorite, porphyritic quartz monzonite, porphyritic granodiorite, feldspar porphyry and quartz feldspar porphyry. The youngest rocks on the Property are gently dipping basaltic and rhyolitic flows of the Eocene Ootsa Lake Group that cap older strata in the Whitesail and Kasalka ranges.

6.1 Telkwa Formation (lJT)

Widely spaced outcrops of maroon, purple and red lapilli tuff with lesser crystal, lithic and ash tuff, volcanic breccia and agglomerate interbeds occur along the Troitsa Main Forest Service Road and at isolated localities throughout the Property. These rocks, which typically contain 30-60% 1-2 mm feldspar crystal fragments, are lithologically identical to the lower Telkwa Formation elsewhere in central B.C. Therefore, these rocks are correlated with the Telkwa Formation. The best exposure visited by the writer is located on the north side of the Troitsa Main just past the 15 km marker. Here, medium-bedded maroon and green lapilli tuff beds strike south-easterly and dip moderately to the northwest. Hornfelsed and altered andesitic tuffs were also intersected in drill holes near the Lean-To showing and are presumed to be part of the Telkwa Formation.

Figure 3: Regional Geology



6.2 Nilkitkwa Formation (lmJs)

Medium to thin bedded, dark grey siltstones and mudstones crop out in a number of steep sided creek gullies that are part of the upper Seel Creek drainage system. Good exposures also occur along the banks of Seel Creek near the old Bethlehem Copper camp. These fine grained sedimentary rocks were mapped as unit 6 argillites by Bethlehem Copper (Assessment Report 3576). The GSC assigned these rocks to the Middle to Upper Jurassic Ashman Formation (Woodsworth, 1980), but in the writers opinion these rocks are sufficiently different in lithology and stratigraphic position to be mapped as a separate and older unit. The primary differences between these rocks and the Smithers or Ashman formations is the lack of feldspar detritus and the more reduced, finer-grained and presumably deeper marine nature of these rocks. These features are similar to the Lower Jurassic Nilkitkwa Formation that is found further north in the Smithers-Babine Lake area. This correlation is supported by the apparent stratigraphic position of these rocks which suggest they overlie the Lower Jurassic Telkwa Formation. Similar marine sedimentary rocks occur near the mouth of Kasalka Creek but these rocks were either mapped as the Smithers or Ashman Formations (Woodsworth, 1980) or included in the Telkwa Formation (MacIntyre, 1985).

6.3 Whitesail Formation (lmJW)

A distinctive unit comprised of well bedded cream to light grey rhyolitic ash flow tuffs with lesser interbeds of chert, feldspathic wacke, felsic lapilli tuff and volcanic breccia crops out in creeks draining the steep north facing slope of the Whitesail range and in the Bedrock geology, Seel Property area east of the Damascus vein. These rocks occur elsewhere in the Whitesail-Tahtsa Lake area and were mapped as the Lower to Middle Jurassic Whitesail Formation by the GSC (Woodsworth, 1980). These rocks grade upward and are in part interbedded with lower part of the Middle Jurassic Smithers Formation.

6.4 Smithers Formation (mJS)

Medium to thin-bedded feldspathic wackes, siltstones and heterolithic granule to pebble conglomerates are exposed on the steep north facing slope south of the Lean-To grid and along prominent cliffs, road cuts and trenches northeast and west of the Damascus vein. These rocks are assigned to the Smithers Formation based on lithology and apparent stratigraphic position. Some limy beds containing macrofossils are reported to occur at the base of cliffs east of the Damascus vein (Blackwell, 1985) but these could not be located.

6.5 Bulkley Intrusive Suite

Intrusive rocks on the Seel Property crop out in trenches, road cuts and along the crest of the northeast trending ridge at the Lean-To showing, in creeks and along quad trails near the headwaters of Seel Creek and as small isolated bodies east of the Damascus vein. Most of the drill holes at the Lean-To showing also intersected highly altered feldspar phyric intrusive rocks. Six lithologically distinct intrusive phases are recognized and all are assigned to the Late Cretaceous Bulkley Intrusive Suite based on lithology and crosscutting relationships. These include from oldest to youngest, equigranular diorite, quartz diorite to granodiorite, porphyritic quartz monzonite (aka quartz porphyry), quartz-feldspar porphyry, feldspar porphyry and porphyritic granodiorite.

6.6 Diorite (LKBdr)

Several small outcrops of medium grained diorite with trace amounts of pyrite crop out east of the Damascus vein. This rock is equigranular and comprised mostly of intergrown 2-4 millimetre feldspar crystals. Primary mafic minerals are generally weathered out or replaced by chlorite which imparts a dark greenish grey colour to the rock. Similar fine grained dioritic intrusions occur in the Kasalka Creek and Troitsa Lake area (Late Cretaceous Kasalka Intrusions of Macintyre, 1985).

6.7 Quartz Diorite to Granodiorite (LKBqd, LKBgd)

Equigranular biotite granodiorite to quartz diorite outcrops near the crest of the ridge at the Lean-To showing. This rock is generally massive and resistant. Near the Lean-To showings it is weakly altered to clay. Similar equigranular intrusions occur at other porphyry copper prospects in the Tahtsa Lake district and all of these intrusions are interpreted to be the earliest phase of Late Cretaceous intrusive centers (MacIntyre, 1985). They probably represent initial, relatively slow cooling and crystallization of granitic magma in large magma reservoirs prior to fracturing and emplacement of more differentiated porphyritic phases. Rocks in contact with these equigranular intrusions are generally thermally metamorphosed to biotite hornfels.

6.8 Porphyritic Quartz Monzonite (LKBpqm)

A distinctive intrusive phase comprised of 40-60% 2 to 4 millimetre-rounded quartz phenocrysts in a finer-grained feldspar-quartz groundmass crops out on the lower south facing slopes above the Lean-To showing. Identical porphyritic rocks also crop out in steep sided creek valleys and along an old exploration road in the southwest corner of the Property. The distribution of outcrop in this area suggests the presence of a south-westerly elongate intrusion that cuts marine sedimentary rocks assigned to the Nilkitkwa Formation. Locally, groundmass feldspar is clay altered and on weathered surfaces the clay is recessive, producing a distinctive, strongly pitted surface with prominent protruding quartz phenocrysts. Previous workers have referred to this intrusive phase as quartz porphyry but the writer believes porphyritic quartz monzonite is a more appropriate classification. Regardless, this rock type is not common in the Tahtsa Lake district and appears to be restricted to the Seel Property. This intrusive phase probably represents differentiated granitic magma that was emplaced after initial crystallization of quartz diorite and granodiorite.

6.9 Quartz-Feldspar Porphyry (LKBqfp)

Granodiorite and porphyritic quartz monzonite phases appear to be cut by younger quartz-feldspar porphyry at the Lean-To showing. This rock is sparsely porphyritic with 5-10% 1 to 2 millimetre quartz and feldspar phenocrysts in a very fine-grained quartz-feldspar groundmass. Compositionally the rock is a dacite or rhyodacite. It is often

strongly quartz-sericite-pyrite altered with scattered quartz “eyes” the only identifiable primary mineral. Similar quartz phyric dacitic and rhyodacitic intrusions occur at the Coles Creek and Whiting Creek porphyry copper prospects (MacIntyre, 1985) and post-date early granitoid phases but pre-date the emplacement of porphyritic granodiorite and formation of associated porphyry copper mineralization.

6.10 Porphyritic Granodiorite (LKBpgd)

Porphyritic granodiorite is exposed in three trenches that are on or near the quad trail just southwest of the Lean-To showing. This rock is a ‘crowded’ porphyry with 40-60% 2 to 6 millimetre equant feldspar phenocrysts in a finer-grained quartz-feldspar groundmass. In places 2 to 4 millimetre remnant biotite phenocrysts are present but for the most part the rock is altered to quartz-sericite-pyrite and primary mafic minerals have been pseudomorphed by sericite. Unaltered porphyritic granodiorite crops out near the junction of the base line and line 49 N and contains fresh hornblende as well as biotite. The lack of alteration suggests this rock is a post-mineral phase of the porphyritic granodiorite intrusion. The porphyritic granodiorite on the Seel Property is lithologically similar to intrusions at the Coles Creek, Ox Lake, Whiting Creek, Bergette and Huckleberry porphyry copper deposits. Mineralization at these properties is spatially and temporally related to emplacement of porphyritic granodiorite and it is likely the same relationship is true at the Seel Property.

A fine-grained crowded feldspar porphyry with 40-60% 1 to 2 millimetre feldspar phenocrysts in a finer-grained quartz-feldspar groundmass is exposed in trenches and outcrops in the vicinity of the Lean-To breccia and has also been intersected in drilling. This intrusive phase, which is typically quartz-sericite-pyrite or clay altered appears to be inter-fingered with quartz-feldspar porphyry along the north side of the porphyritic granodiorite stock. The feldspar porphyry is interpreted to represent finer-grained offshoots or dykes emanating from this stock. Locally the feldspar porphyry has small chloritic patches which may have formed after primary mafic minerals.

6.11 Ootsa Lake Group

The southern boundary of the Seel Property overlaps the northern edge of the Whitesail Range. At higher elevations tilted and folded fault blocks of Hazelton Group rocks are unconformably overlain by gently dipping feldspar phyric basalt and lapilli tuff of the Eocene Ootsa Lake Group. Blackwell (1985) reports small outliers of these rocks in Poison Creek west of the Damascus vein. These rocks were not examined as part of this project.

A fresh dyke with 5-10% 1 to 2 millimetre quartz and k-feldspar phenocrysts crops out just east of Poison Creek near the Damascus vein (LKBqfp). Two small stocks, one comprised of coarse feldspar porphyry, the other biotite-feldspar porphyry intrude Eocene Ootsa Lake Group rocks south of the Seel Property (Ti). These high level intrusions were probably feeders for Eocene flows that cap the Whitesail range.

6.12 Breccia zone

A zone of brecciation is recognized. This breccia is probably related to release of over-pressured hydrothermal fluids resulting in hydraulic brecciation and subsequent healing with quartz and sulphides. An annular zone of high grade copper-silver-gold mineralization has been defined by drilling. The sub-circular nature of this zone suggests brecciation was related to a ring and radial fracture system developed above a buried intrusive body. The brecciated and pervasively altered rocks are quartz-feldspar porphyry, feldspar porphyry and hornfels suggesting brecciation was superimposed on the contact zone of an intrusive body, possibly the porphyritic granodiorite that outcrops to the west.

6.13 Alteration and Mineralization

Previous diamond drilling and trenching on the Property has defined an area of brecciated feldspar porphyry, quartz-feldspar porphyry, porphyritic granodiorite and hornfelsed volcanic rocks with strong, locally high grade copper ± silver ± gold mineralization southwest of the granodiorite stock. Rocks in the vicinity of this breccia zone are pervasively altered to quartz-sericite-pyrite ± clay alteration assemblages. Low grade

copper and locally molybdenum in the form of disseminated and vein controlled chalcopyrite and molybdenite occurs within altered porphyritic granodiorite and feldspar porphyry southwest of the breccia zone. Outcrops in local creeks approximately 1.2 kilometres southwest of the breccia are also pervasively altered to quartz-sericite-pyrite and clay. The rocks are hornfels with strong disseminated pyrite suggesting proximity to an intrusive contact. Highly altered volcanic and intrusive rocks are exposed sporadically over a minimum distance of 2 kilometres. If alteration and associated sulphide mineralization is contiguous over this distance then the presence of a very large hydrothermal system is indicated. This system is probably centered on a porphyritic granodiorite stock or stocks.

7 Exploration History

The Tahtsa Reach area has been actively explored since the early part of the 20th century. The Emerald Glacier Mine is located approximately 20-km northwest of the Seel Claims and was one of the first mines developed in north central British Columbia. T he mine intermittently exploited a high grade Ag-Pb-Zn vein up to the late 1960's. Exploration in the area increased in the late 1960's and early 1970's leading to the discovery of the Berg and Ox Lake porphyry Cu-Mo deposits, which are located 29.5 kilometres to the northwest, and 3.5 kilometres to the north of the Seel Property respectively.

Exploration during this period also led to the discovery of the Huckleberry deposit, which was brought into production in 1997, and remains in production at the time of preparation of this report. The Huckleberry mine lies on the northern shore of Tahtsa Reach approximately 7 kilometres northwest of the Seel porphyry copper-gold discovery. The mine is a modern mine and mill industrial complex producing copper, molybdenum and a minor amount of silver and gold. The mine is well serviced with road, power and water.

Portions of the area enclosed by the Seel Mineral Claims were acquired at various times between 1995 and 2000 as the SEEL 1 to 29 two post claims by Seel Enterprises Ltd. These claims were all abandoned on June 25, 2001, and the area was re-staked as the Seel #1 and Seel #2 Mineral Claims on June 28 and June 30, 2001 by the same owner. The Seel #3 to Seel #10 Mineral Claims were added at various time between June 30, 2001 and July 20, 2003.

The eastern portion of the area enclosed by the Seel #1 to 10 Mineral Claims was previously held as the OX A, OX B, OX C, and OX-EAST Mineral Claims. These claims were staked between 1981 and 1982, and forfeited on October 1, 2002. The claims were held by Ravenhead Recovery Corporation of Vancouver, BC at the time of forfeiture.

The first recorded work on what are now the Seel Claims was done on the REA group of mineral claims in the early 1970's by Bethlehem Copper (Anderson, 1972). A widely spaced grid geochemical survey for copper and silver covered the middle and upper reaches of Seel Creek. The geochemical survey appears to have led to a diamond or percussion drilling program, but there is no public record of this work. The results from this geochemical survey have been incorporated into the current project database.

The Property was staked by Lansdowne Oil and Minerals in 1980. Landsdowne actively explored the area around the Seel Breccia Pipe from 1980 to 1985. Surface work consisted of geochemical soil sampling, trenching, magnetometer and VLF surveying (Ager, 1981). An Induced Polarization geophysical survey conducted in 1985 returned very high chargeabilities (to 80 milliseconds) and the area of high (+20 msec) chargeabilities extended beyond the limits of the survey (Ager, 1985). The raw IP data was reprocessed in 2003 using modern geophysical inversion techniques, and revealed in cross section a zone of high chargeabilities in the form of an inverted bowl. These geochemical and geophysical surveys have been included in the project compilation.

This work was a precursor to three drilling programs conducted in 1982, 1983 and 1985. In 1982, 38 BQ diamond drill holes were completed for a total of 917.3 metres (Ager et al, 1983) and in 1983, 24 holes were completed for a total of 1,480.9 metres. Drill logs for the 1983 program are not available, but summary results have been obtained from a compilation map. An additional ten drill holes totalling 203 metres were completed in 1985. Drill logs for this program are included in Kallock (1984) and were reviewed by MacIntyre, (2004). Locations and significant intersections for drilling done in 1982, 1983 and 1985 are shown on a map prepared by Arctex Engineering Services in 1986. This is believed to be the best and most accurate source for drill hole locations. T here are also indications that a minor drill program took place in 1987, but there are no public records to verify this. Some core from the earlier drill has been recovered but has suffered considerable damage.

The surface exploration and drilling resulted in the delineation of an arcuate zone of sulphide cemented breccia. Highlights of the programs described above include; DH82-19 which reported 18 metres of 1.59% Cu and 640 ppb Au; DH85-1 with 9.76 metres of 2.08% Cu, 47 g/t Ag and 0.3 g/t Au; DH85-9 with 0.46m of 8.14% Cu, 112.7 g/t Ag and 6 g/t Au, and DH85-10 with 0.9 metres of 8.26% Cu, 120 g/t Ag and 9.5 g/t Au. In general, the breccia was intersected along an arc length of 450 metres and to a depth of approximately 40 metres. Although the records as supplied are incomplete, the average width and grade as observed in drill core has be estimated at approximately 8.5 metres grading 1.7% Cu, 20 g/t Ag and 0.20 g/t Au.

The Property was revisited between 1995 and 2000 by Mr. Rupert Seel, who undertook a program of backhoe trenching and rock and reconnaissance soil. A limited program of stream sediment geochemical surveying and prospecting was also performed in 2003 (Orgyzlo, 2004).

Reconnaissance exploration was undertaken on the Seel Property during the summer of 2003. This work included geologic mapping, prospecting, rock and stream sediment sampling. A description of this program and the results obtained are included in an assessment report titled “Report on Diamond Drilling on the Seel Mineral Claims Tahtsa Reach, Omineca Mining Division” dated July 2005.

Don MacIntyre PhD conducted geologic mapping over a nine-day period in late September 2004. Field data gathered during this program was combined with the results of geological mapping done on and in the vicinity of the Property by previous operators, and the federal and provincial governments to produce a geological compilation map. The purpose of this work was to better define the location of intrusive bodies and major structures on the Property, particularly faults that could have an influence on the distribution and tenor of subsurface mineralization. The results from this work are included in an assessment report titled “Report on Diamond Drilling on the Seel Mineral Claims Tahtsa Reach, Omineca Mining Division” dated July 2005.

A ground geophysical exploration program was undertaken on the Seel Property between September 27 and October 29, 2004. A combined 2D/3D Induced Polarization survey was conducted by SJ Geophysics Ltd. from September 27 through to October 10, 2004, while a magnetic survey took place from October 26 to October 29, 2004. The two surveys were conducted to determine the potential for a sulphide rich porphyry system

on the Property and were undertaken on a 20 line km grid comprised of 10 lines spaced either 100 or 200 metres apart. The IP survey was successful in confirming the results of previous surveys and this combined with data obtained from portions of the Property not previously surveyed defined a NE-SW striking, 1.0 x 1.2 km greater than 30 millisecond chargeability anomaly. The results from this survey are include in a report titled "3D Induced Polarization and Magnetic Survey on the Seel Property for Gray'd Resource Corporation [and] Gold Reach Resources Ltd." dated July 2005 and which is contained in Appendix IV of this report.

The diamond drill program conducted during the winter of 2004-05 was designed to test the Seel breccia and various IP and magnetic anomalies outlined by the geophysical surveys. The drill program commenced in December 2004 and nine drill holes were completed between December 7 and January 20, 2005. A phase II drill program, consisting of eight holes designed to further explore Cu-Au-Mo mineralization intersected in the phase I program, was conducted between February 20th and March 20th 2005.

The summer 2005 geophysical program was based out of Tahtsa Timber Company's Whitesail logging camp located approximately 14 km by all weather logging road from the western boundary of the Seel claims. The December 2005 to February 2006 drilling program was based out of a trailer camp located at the barge landing on the north shore of Tahtsa Reach. The 2005 and 2006 exploration program on the Seel Property comprised access trail construction, line cutting, IP and magnetometer geophysical surveys and diamond drilling.

Ground geophysical exploration programs covered by this report took place between June 12th and July 12th, 2005. During the summer of 2005, Gold Reach conducted 51.4 line kilometres of 3D/2D Induced Polarization and magnetometer surveying on a 5 km long, 2 to 4 km wide, 29 line grid. The 2005 survey consisted of northeast and southwest extensions to a similar survey undertaken in 2004 and together these two surveys defined a 2.3 by 1.3 km strong IP response underlying the SW portion of the grid and a "peripheral" IP feature underlying the NE portion.

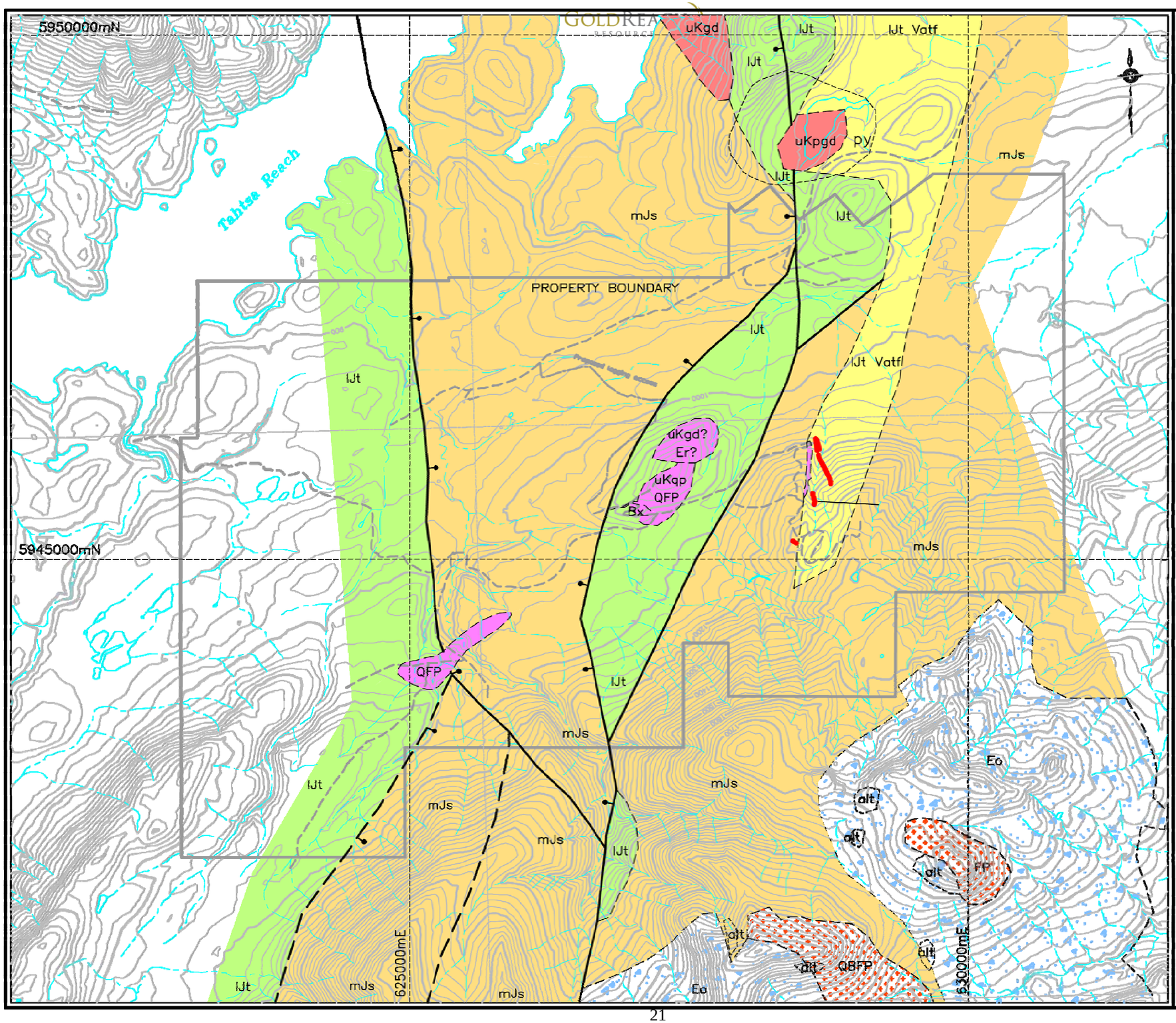
The diamond drill program conducted during the winter of 2005-06 was designed to further test the extent of potentially economic porphyry copper-molybdenum-gold mineralization first intersected in the 2003-2004 drill program and to test IP and magnetic

anomalies defined in the 2004-2005 geophysical programs. The geophysical and diamond drill program expenditures were filed for assessment credit, and the results of this work form the basis of this report. The work completed and results are presented in the following section.

The diamond drill program commenced in December 2005 and 15 drill holes were completed between December 5 and February 1st, 2006. The total drilled was 3,242.8 metres from which 2902.5 metres of core were recovered, the remainder being overburden. All drill holes were drilled “NQ”.

In 2006 a 15 hole, 3,638-metre diamond drill program was carried out from August 30th to September 26th, 2006. The drilling was designed to expand on the known porphyry-style mineralization intersected during the 2004-2006 drill programs, and to test the area adjoining the Seel breccia, a higher-grade sulphide breccia drilled during the early 1980’s by Landsdowne Oil & Gas. In addition to a 10.5 line kilometres of 3D Induced Polarization and magnetometer surveying were carried out on a 1.5 km long by 1.2 km wide (7 lines) grid, located in an area adjacent to two earlier surveys.

GOLDREACH RESOURCES



LEGEND

- Topographic Contours (20m contour interval)
- Drainage
- Roads / Trails

OOTSA LAKE GROUP

- Eo — Volcanics, epiclastics
- QFP, FP — Intrusives

EOCENE?

- uKgd?, Er? / uKqp, QFP — Granodiorite, rhyolite Quartz feldspar ppy
- Bx — Seel breccia: angular clasts with cpy cement.

BULKLEY INTRUSIVES

- uKgd / uKpgd — Granodiorite

HAZELTON GROUP

- mJs — Smithers formation Sediments
- lJt Vatf — Telkwa fm, felsic tuff, felsic volcanics
- lJt — Telkwa fm, intermediate volcanics.

- Geological Contact
- Fault
- Fault Downthrown Side
- alt — Alteration

Note: Geology from McIntyre (1985) & Diakow (1987)

- Vein

0 1 km

Goldreach Resources

Figure 4-Seel Property Geology

SEEL PROPERTY

BRITISH COLUMBIA

Property Geology

In 2007-2008 Gold Reach Lake Resource from July to October 2007 and March-April of 2008 undertook an exportation program in the Seel Property. The exploration program consisted of 7638.57 m diamond drilling in 33 holes.

The drilling was completed in April of 2008 and consisted of 7638.57 m from 33 holes. 11 holes were drilled in the mineralization. Table 2 illustrates the significant sections encountered in the 2007-2008 drilling program.

The summer 2007 program was designed to further test Seel Breccia and Copper Gold areas. Previous drilling encountered high-grade mineralization of approximately 700 m by 500 m. This 15-hole program is designed to allow the company to 3-D model these zones for possible resource calculations and expand the field through exploration extension drilling.

The 2008 winter program winter drill program consisted of 4,407 metres in 21 drill holes in the Seel Breccia and Copper Gold areas. The program included further testing of areas 200 metres away from the Seel Breccia where previous drill programs have intersected: 135 metres of 0.35 per cent copper, 0.38 g/t gold and 1.23 g/t silver, 147 metres of 0.29 per cent copper and 0.27 g/t gold and 102.1 metres of 0.44 per cent Cu and 0.48 g/t Au.

Drilling in the area containing the breccia with sulphide infilling proved that it is a much wider and a more continuous body than was previously thought. There is a good correlation of silver values with copper mineralization in the breccia and through the areas of chalcopyrite mineralization

Between October 4th -10th, 2009 Gold Reach Resources Limited undertook an airborne geophysical survey totalling 1,325 line kilometres km on the Seel Property. The program consisted of Airborne Gamma Ray Spectrometer and a magnetometer survey over the entire claim block.

Table 2: Drill holes with Significant Intersections

Hole	FROM	TO	LENGTH	CU%	AU_GT	AG_GT	MO%
S07-57	52.50	237.50	185.00	0.131	0.062	0.5	0.5
S07-57	247.50	252.50	5.00	0.126	0.040	0.2	0.2
S07-58	15.00	152.50	137.50	0.124	0.087	0.2	0.2
S08-69	73.15	110.00	36.85	0.319	0.288	0.7	0.0042
S08-69	117.50	312.50	195.00	0.281	0.296	0.5	0.0009
S08-70	48.77	175.00	126.23	0.128	0.081	0.4	0.0176
S08-70	182.50	200.00	17.50	0.076	0.108	0.7	0.0083
S08-70	217.50	222.50	5.00	0.071	0.058	0.3	0.0067
S08-70	240.00	245.00	5.00	0.024	0.506	0.3	0.0036
S08-70	255.00	267.50	12.50	0.085	0.167	1.8	0.0014
S08-71	30.48	313.03	282.55	0.109	0.077	0.6	0.0186
S08-72	83.82	125.00	41.18	0.246	0.246	0.4	0.0005
S08-72	155.00	255.00	100.00	0.497	0.43	5.6	0.0005
S08-72	282.50	300.00	17.50	0.082	0.045	0.3	0.0049
S08-72	310.00	317.50	7.50	0.116	0.029	1.5	0.0018
S08-73	25.00	35.00	10.00	0.046	0.049	0.3	0.0054
S08-73	57.50	237.50	180.00	0.094	0.1	0.2	0.0164
S08-76	90.00	97.50	7.50	0.218	0.051	7.9	0.0005
S08-77	132.50	135.00	2.50	0.133	0.02	4.9	0.001
S08-78	6.10	42.50	36.40	0.209	0.173	7.8	0.0031
S08-78	62.50	70.00	7.50	0.079	0.043	0.4	0.0041
S08-78	147.50	155.00	7.50	0.116	0.103	0.2	0.0017
S08-78	167.50	172.50	5.00	0.133	0.125	0.2	0.0005
S08-78	190.00	200.00	10.00	0.091	0.111	0.3	0.0008
S08-78	207.50	225.00	17.50	0.105	0.12	0.3	0.0008
S08-78	232.50	242.50	10.00	0.148	0.134	0.3	0.001
S08-78	262.50	287.50	25.00	0.108	0.15	0.7	0.0017
S08-78	297.50	303.90	6.40	0.224	0.315	1.5	0.003
S08-79	37.50	205.00	167.50	0.1	0.063	0.3	0.0093

In 2010 Gold Reach Resources engaged the service of Ranex Exploration of Smithers to undertaken regional exploration program on the Seel property. The program consisted of 62 rock samples and 200 stream samples and was undertaken from August 18th to August 31st 2010.

9 2011 Exploration

Gold Reach Resource undertook an exploration program on the Seel Property from June 15 to July 29 2011 consisting of 41.7 line kilometres of 3DIP and 1382.46 meters of drilling.

9.1 3DIP Geophysics

The program consisted of engaging the services of SJ Geophysics to undertake 41.7 line kilometres Mag and 3DIP

The Seel grid consisted of 14 survey lines, spaced at 200 m with stations flagged and marked every 25m. All of the location information was recorded by the SJ Geophysics crew, including GPS control points and slope/clinometric data. Control points were recorded with a Garmin GPSMap 60CSx handheld GPS in the UTM projection and NAD83 datum. Slope data was recorded with a Sunnto handheld clinometer. During the survey period, the temperature ranged from around 10^0 C at night up to 25^0C during the day. Precipitation was heavy with a few lightening weather days. The ground was covered mostly by vegetation with zero to a few metres thickness of soil. There are a few active/inactive dirt roads in the survey area, providing good access for the survey (See Appendix 2 report and maps).

9.2 Drilling

In addition 1382.46 meters of drilling in two drill holes (S11-81 and S11-82) were completed during this period. See Appendix 3 for Drill logs, assays and drill sections

Hole 81 was a vertical hole drilled to a depth of 694.94 metres. The hole intersected a mineralized fault zone at 164 metres depth. Above the fault the zone contains consistent copper and gold mineralization in strongly altered and veined porphyry intrusive. This upper zone, including the fault and surrounding rock, averages 0.34 gram per tonne gold and 0.39 per cent copper over 137.5 metres from 38.5 metres to 176 metres depth. The fault itself returned 8.56 per cent copper and 223 grams per tonne silver (7.87 ounces per tonne) over one metre from 163 metres to 164 metres depth. Below the fault the system remains strongly altered; however, the grades decrease and a late silver-zinc-lead-copper

metal association occurs locally. Lower-grade sections below the fault include 76 metres grading 0.11 per cent copper (from 176 metres to 252 metres) and 18 metres grading 0.1 g/t gold and 0.24 per cent copper (from 594 metres to 612 metres).

Hole 82 was drilled at an angle of minus-70 degrees toward the southeast and reached a total depth of 731.5 metres. The hole has encountered 494.4 metres of continuous mineralization grading 0.23 g/t gold and 0.19 per cent copper (from 29.6 metres to 524 metres depth) and the zone remains open at depth. The upper part of the hole returned 174.4 metres grading 0.4 g/t gold and 0.35 per cent copper from 29.6 metres to 204 metres depth.

Both drill holes 81 and 82 have intersected a significant zone of higher-grade gold and copper mineralization which sits close to surface, including 66 metres grading 0.47 g/t gold and 0.42 per cent copper in hole 81 (38.5 metres to 104.5 metres depth) and 76 metres grading 0.47 g/t gold and 0.43 per cent copper in hole 82 (50 metres to 126 metres depth). The presence of this higher-grade zone situated near the surface could have an important positive impact on the potential economic viability of the Seel deposit and the extent of this zone is being assessed during the current drill program.

Table 3: 2011 Drill holes Location

HOLE	East_N83_Z9	North_N83_Z9	Elev m	LEN_m	Azi	Dip	Start date	End date	Year
S11-81	627,199	5,945,240	1068.10	694.94		-90	06-Jul-11	16-Jul-11	2011
S11-82	627,073	5,945,212	1064	731.52	135	-70	16-Jul-11	29-Jul-11	2011

SUMMARY OF SELECT DRILL INTERCEPTS -- SEEL PROPERTY

Drill hole	From (m)	To (m)	Width (m)(i)	Au (g/t)	Cu (%)	Ag (g/t)	Zn (%)
S11-81	38.50	176.0	137.5	0.34	0.39	-	0.01
including	38.5	104.5	66.0	0.47	0.42	-	-
including	160.5	164.0	3.5	0.39	3.20	89.2	0.19
including	163.0	164.0	1.0	0.09	8.56	223.0	0.54
S11-81	176.0	252.0	76.0	0.06	0.11	-	-
S11-81	341.5	380.0	38.5	0.07	0.13	2.2	-
S11-81	594.0	612.0	18.0	0.10	0.24	6.1	0.02
S11-82	29.6	524.0	494.4	0.23	0.19	-	-
including	29.6	204.0	174.4	0.40	0.35	-	-
including	50.0	126.0	76.0	0.47	0.43	-	-

(i) Width refers to drill hole intercepts; true widths have not been determined.

Figure 5: 3DIP Grid Location

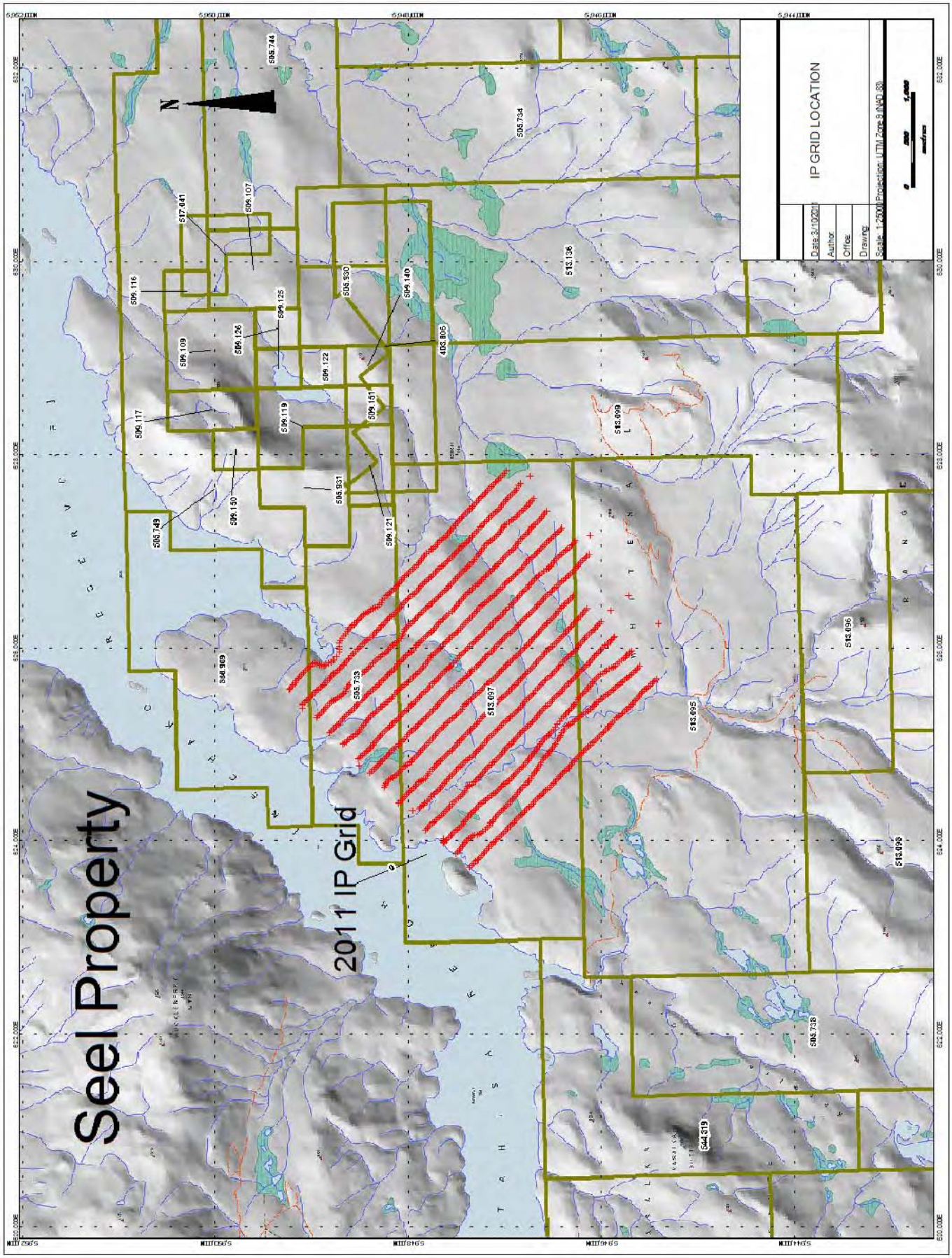
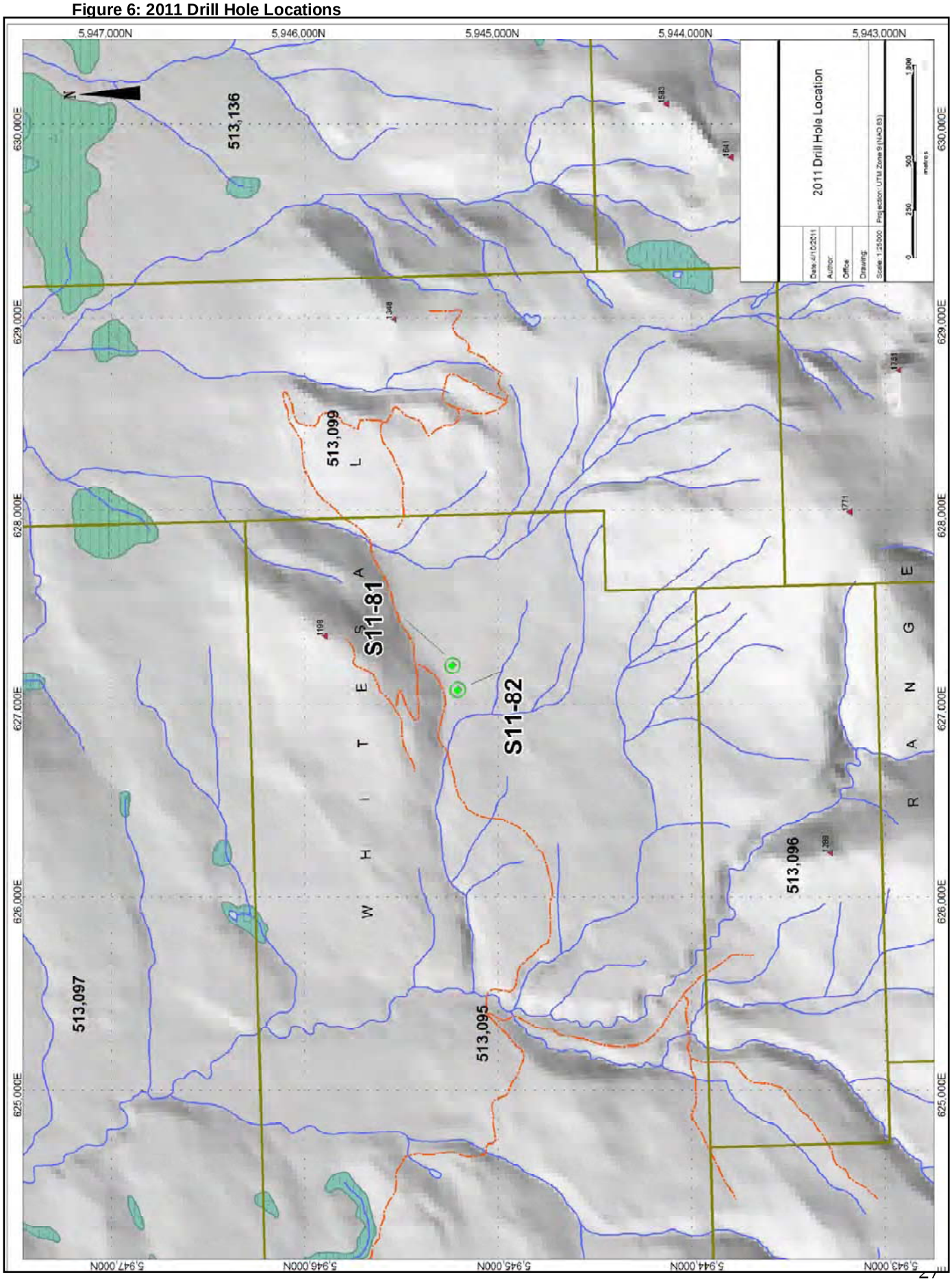


Figure 6: 2011 Drill Hole Locations



10 Sample Method, Preparation, Analysis and Security

Drill core from the drill program was logged and split in facilities set up at the camp. Split All drill core is logged, photographed and cut in half with a diamond saw. Half of the core is bagged and sent to SGS Mineral Services for analyses while the other half is archived and stored on site for verification and reference purposes. Gold is assayed by standard fire assay methods with additional elements analyzed by induced coupled plasma (ICP). Duplicate samples, blanks and certified standards are included with every sample batch and then checked to ensure proper quality assurance and quality control.

11 Conclusions and Recommendations

The Seel Property covers a large area of pervasive hydrothermal alteration and mineralization that is spatially and probably genetically related to emplacement of a Late Cretaceous porphyritic granodiorite intrusion. This intrusion is similar to those at the nearby Huckleberry and Ox Lake porphyry Cu deposits. Although the Seel breccia has been the focus of previous exploration efforts, recent drilling has discovered a new Cu-Au zone within a porphyritic granodiorite intrusion. The presence of Au with the Cu mineralization is encouraging as this may have a significant impact on the economic viability of the deposit. It is recommended that additional drilling be done to determine the geometry and ultimate size and grade of the Cu-Au zone intersected. This zone may extend further to the west.

Future exploration of the Property must also take into account possible fault displacements related to post-mineral extension and block faulting. This might prove to be particularly important in the vicinity of the Seel breccia zone. The breccia zone itself might be occupying a down-dropped fault block that has preserved the subvolcanic part of a high level porphyry system. Unfortunately, due to a lack of outcrop and trenching there is currently insufficient information to develop a detailed model of fault displacements in the area of current exploration interest.

During the past several years over 80 drill holes now identify at least two distinct mineralized copper-gold and copper-molybdenum porphyry systems, flanked by a copper-silver-rich breccia pipe. The entire mineralized area occurs as a horseshoe-shaped feature with combined arms of the horseshoe extending at least 1,100 metres long and up to 200 metres wide. Mineralization is porphyry in style and is hosted exclusively in Cretaceous rocks of the Bulkley intrusive suite, similar to the Huckleberry, Bergette, Whiting Creek and Ox Lake porphyry copper deposits.

The recent drilling has shown the mineralized Cu-Au zone is continuous for over 450 metres vertically, and the zone still remains open at depth. This nearly doubles the previously drilled depth extent of the zone and opens up a lot of potential to significantly expand the resource.

As a result of the excellent success of the current drill program, a second drill rig should be added to the project and increase the metres drilled to 5,500 metres to 8,000 metres.

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13 Certificates

I, Derrick Strickland, do hereby certify as follows:

STATEMENT OF QUALIFICATIONS

I Derrick Strickland, of 888-700 West Georgia Street, in the City of Vancouver in the Province of British Columbia do hereby certify that:

1. I am a Consulting Geologist working in Vancouver, British Columbia. Who was a contract supervisor for Gold Reach Resources Ltd's for these particular programs.

2. I hold a Bachelor of Science in Geology (1993)

3. I have been employed in the mineral exploration industry since 1987 and have practiced my profession since graduation.

4. The information for this report has been taken from government and old geological reports and work undertaken by Gold Reach Resources Ltd.

5. I am a member in good standing with Association of Professional Engineers, Geoscientist of British Columbia.

6. The assessment costs presented in this report are true and accurate to the best of my knowledge.

DATED at Vancouver, British Columbia, this 4th day of October 2011



Derrick Strickland, P.Geo.

Appendix 1

Statement of Expenditure for Seel Program					
Labour-Contract		**Rate**		**Number of units**	**Cost**
Project Geologist-Supervision	Shane Ebert Ph.D P.Geo	$ 750	**June 15 to July 29**	25	$ 18,750.00
Geologist	Derrick Strickland P.Geo	$ 650	**June 15 to July 29**	16	$ 10,400.00
Geologist /Core logger	Maja Kiridzija P.Geo	$ 500	**July 23 to July 29**	7	$ 3,500.00
Jr Geologist	Regan Glazier	$ 300	**June 15 to July 29**	23	$ 6,900.00
Core Splitter /First aid	Sam Swanson	$ 300	**June 15 to July 29**	42	$ 12,600.00
Camp Man	Benny	$ 400	**June 15 to July 03**	19	$ 7,600.00
Head line Cutter	Rick Jensem	$ 350	**June 15 to July 4**	19	$ 6,650.00
Line Cutter	Steve Smith	$ 350	**June 15 to July 4**	19	$ 6,650.00
Assistant/ Labour	Hunder Chevladave	$ 250	**July 08to July 29**	21	$ 5,250.00
Cheslatt Carrier Nation Services					
Supervisor	James	$ 300	**June 15 to June 18**	3	$ 900.00
Cook	Gussie	$ 300	**June 15 to July 29**	40	$ 12,000.00
assistant Cook and First Aid	Fabain	$ 325	**June 15 to July 29**	40	$ 13,000.00
Labour/ line cutter	Devon	$ 290	**June 15 to July 29**	35	$ 10,150.00
Labour/ line cutter	Leon	$ 300	**June 15 to July 29**	20	$ 6,000.00
Labour/ line cutter	Anthony	$ 275	**June 15 to July 29**	25	$ 6,875.00
Labour/ line cutter	Trennis	$ 290	**June 15 to July 29**	24	$ 6,960.00
Labour/ line cutter	Jason	$ 275	**June 15 to July 29**	25	$ 6,875.00
Labour/ line cutter	Daryl	$ 275	**June 15 to July 29**	23	$ 6,325.00
Truck Rental		$ 95	**June 15 to July 29**	44	$ 4,180.00
SJ Geophysics	**For a total of 3DIP: 41.7 km, Magnetics: 41.7 km**				
Geophysicist	Brian Chen		**July 2 to July 21**		
Technician	Paul White		**July 2 to July 21**		
Technician	Alex Tryon		**July 2 to July 21**		
Helper	Darren Moens		**July 2 to July 21**		
Helper	George Jordan		**July 2 to July 21**		
Helper	Cody Gagnon		**July 2 to July 21**		
					$ 111,600.00
Full Force Drilling					
Drilling			**June 20 to July 29**		**$ 146,572.72**
Other Services and Supplies					
UTEM Exploration Services Ltd/Camp Support			**June 15 to July 29**		$ 17,529.00
Camp building Supplies					$ 35,850.00
Excavator Road/Pad Building			**June 15 to July 29**		$ 13,422.20
Truck Rental two Trucks		$ 200	**June 15 to July 29**	44	$ 8,800.00
ATV Rental		$ 100	**June 15 to July 29**	44	$ 4,400.00
Food			**June 15 to July 29**		$ 8,500.00
Field Supplies					$ 16,458.00
Assays		$ 25		749	$ 18,725.00
Fuel					$ 4,567.00
First Aide Equipment		$ 50	**June 15 to July 29**	44	$ 2,200.00
Communications/Sat phone/ Radios		$ 56	**June 15 to July 29**	44	$ 2,464.00
Assessment Report					$ 5,000.00
Field Program Expenses					
					$ 547,652.92
Administration 10%					**$ 54,765.29**
Total Exploration Expense					**$ 602,418.21**

Appendix 2

Logistics Report Prepared

for

Gold Reach Resources Ltd.

Three Dimensional Induced Polarization and Magnetometer survey

on the

Seel/Ox Lake Project

Houston, B.C., Canada
Latitude: 53° 40' Longitude: W127° 06'
NAD83

Survey conducted by SJ Geophysics Ltd.
July 2011

Report prepared by
Brian Chen
August 2011

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1. SURVEY SUMMERY

Client	Gold Reach Resources Ltd.
Project Name	Seel/Ox Lake
Location	*Grid Location: 53° 40' / W127° 06'* *(Latitude/Longitude), NAD83*
Survey Type	3D Induced Polarization (3DIP), Magnetometer
Number of Survey Lines	3DIP: 14, Magnetometer: 14
Total Line Kilometres	3DIP: 41.7 km, Magnetics: 41.7 km
Dates	July 2 – July 22, 2011
Objective	SJ Geophysics Ltd was contracted to carry out 3DIP and magnetic surveys with the purpose of providing 3D inverted models of resistivity and chargeability properties and a plan map of magnetic field anomalies.

Table 1: Survey Summery

This logistical report summarizes the operational aspects and methodologies of the geophysical survey. This report does not discuss or interpret the survey results.

2. LOCATION AND ACCESS

The Seel/Ox Lake project is located in the British Columbia, Canada (see Figure 1). The closest major town to the survey area is Houston, which is approximately 84 km directly NNE of the Seel/Ox Lake project. The project area can be accessed from Houston by the following directions: From Houston, turn left on to Morice River Road (radio frequency 159.78), at 89 km turn left on to Tahtsa Reach Road (153.650 Barge radio). The survey grid is located on the south side of Tahtsa Reach, an arm of Ootsa Lake. A small ferry, servicing the logging industry, was used to access Tahtsa Reach. Follow the main dirt road after cross Tahtsa Reach to the Gold Reach camp, see Figure 2.

The survey area is situated to the northern flank of the Troitsa mountain, bound by Tahtsa Reach to its north. Majority of the area is flat with a few creeks running across and swamps/marshes dotting the grid. Towards south southeastern portion of the grid, the elevation increases from 850 m on the bottom flat part to 1200 m up to the northern flank of the mountain. The local flora consists primarily of pine, white spruce, and fir. Devil's club is also seen on the wet spots. The local fauna consists of moose, deer, black bear, bobcat and smaller game such as rabbit and grouse. Black bears are quite active in the area.



Figure 1: Overview map of the Seel/Ox Lake project B.C., Canada.

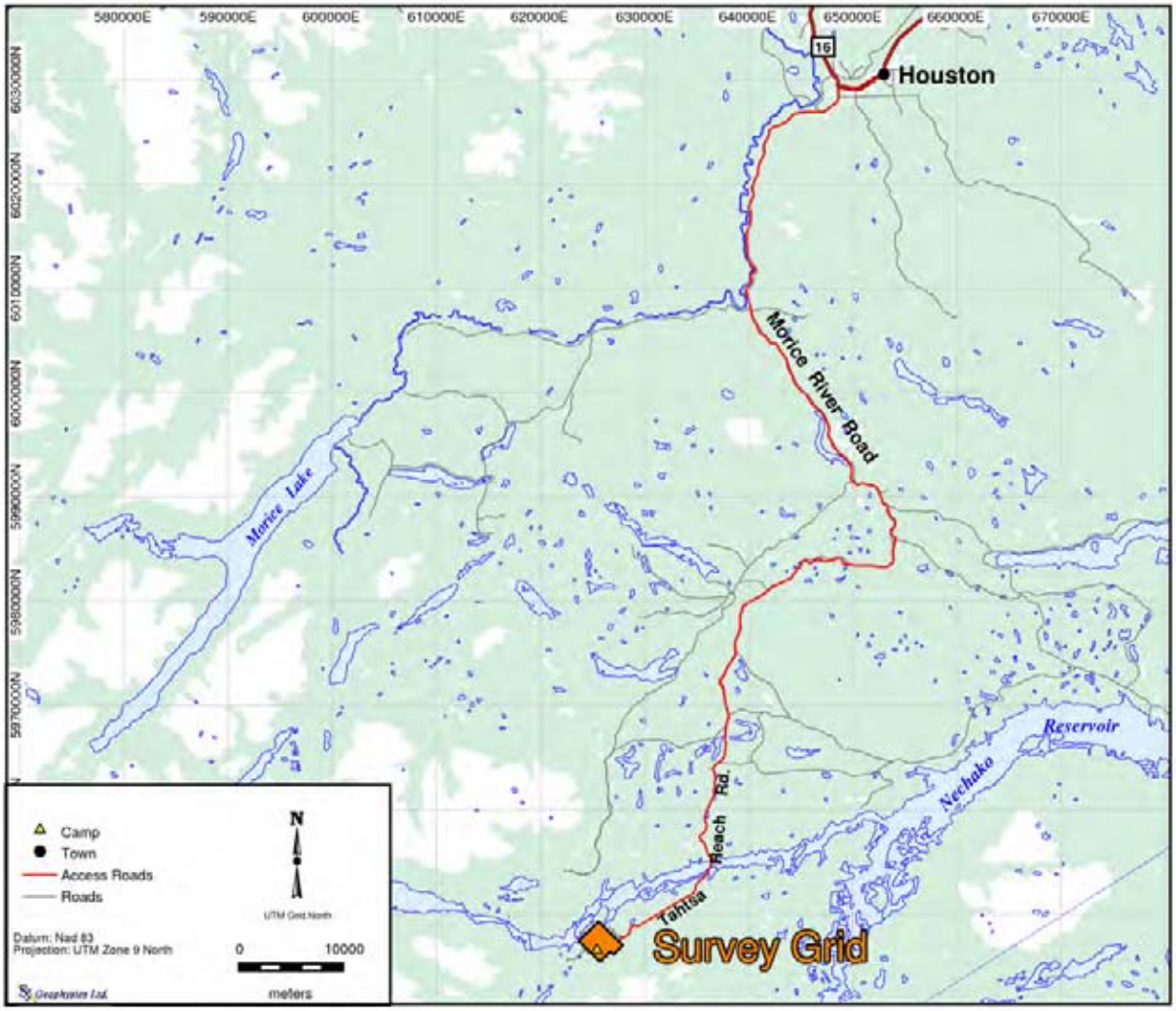


Figure 2: Location map for the Seel/Ox Lake project.

3. GRID INFORMATION

Grid	Seel/Ox Lake
Number Of Lines	14 (3DIP); 14 (Magnetometer)
Survey Line Azimuth	135º
Line Spacing	200 m
Station Spacing	3DIP: 100 m , Magnetometer: 12.5 m
Elevation range	850 – 1300 m

Table 2: Grid parameters

The Seel/Ox Lake grid consisted of 14 survey lines, spaced at 200 m with stations flagged and marked every 25 m (Figure 3).

All of the locational information was recorded by the SJ Geophysics crew, including GPS control points and slope/clinometric data. Control points were recorded with a Garmin GPSMap 60CSx handheld GPS in the UTM projection and NAD83 datum. Slope data was recorded with a Sunnto handheld clinometer.

During the survey period, the temperature ranged from around 10 ºC at night up to 25 ºC during the day. Precipitation was heavy with a few lightening weather days. The ground was covered mostly by vegetation with zero to a few metres thickness of soil. There are a few active/inactive dirt roads in the survey area, providing good access for the survey.

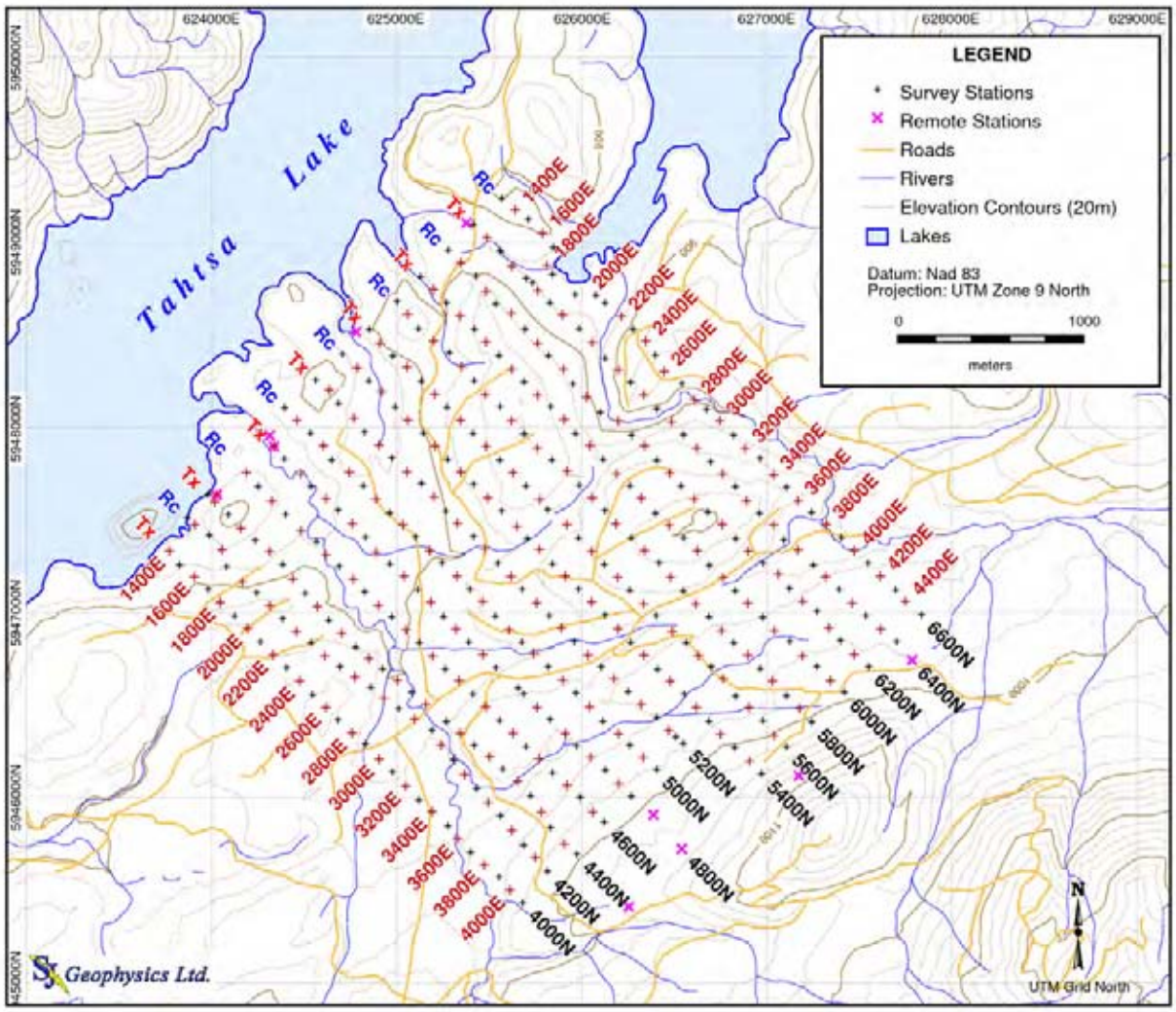


Figure 3: Grid map for the Seel/Ox Lake project.

4. FIELD WORK AND INSTRUMENTATION

4.1. Field Logistics

An SJ Geophysics field crew typically consists of at least two field geophysicists or technicians and at least 4 helpers to assist in the day-to-day operation of the survey. The field geophysicists and technicians oversee all operational aspects including field logistics, data acquisition and initial field data quality control. On the Seel/Ox Lake project the SJ Geophysics crew consisted of Brian Chen (Field Geophysicist), Paul White (Technician), Alex Tryon (Technician), Darren Moens (helper), and George Jordan (helper). One local helper, Cody Gagnon, was hired to assist the SJ Geophysics crew in the day-to-day operation of the survey.

The SJ Geophysics crew arrived at the Seel/Ox Lake project on July 2nd and began production on July 3rd . On July 21st production on the Seel/Ox Lake project was completed and the SJ Geophysics crew picked up all remaining equipment and demobilized on the same day.

Crew Member Name	*Role*	*Mobilization Date*	*Demobilization Date*
Brian Chen	Geophysicist	July 02	July 21
Paul White	Technician	July 02	July 21
Alex Tryon	Technician	July 02	July 21
Darren Moens	Helper	July 02	July 21
George Jordan	Helper	July 02	July 21
Cody Gagnon	Local helper	July 02	July 21

Table 3: Details of the SJ Geophysics crew mobilization and demobilization date

The SJ Geophysics crew was accommodated by the client at the Seel/Ox Lake camp with internet and satellite phone as ways of communication. Two trucks provided by SJ Geophysics Ltd. were used to transport equipment and the crew from camp to the field.

During the 3DIP survey, there were several factors slowing down the production. Crossing creeks and swamp, going around lake took extra time. Also, fixing breaks on wires/cables by animals and burn outs on wires due to the wet weather took a fair amount of time in daily operation. Black bears were spot in the survey area quite often, crew was required to carry bear sprays and air horns. Despite of the above negative impaction, the crew was able to carry out the

survey effectively and safely. A total line kilometers of 41.7 was surveyed by using 3DIP and magnetometer methods in 19 days.

4.2. Survey Parameters and Instrumentation

The geophysical instrumentation used to acquire the 3DIP data consisted of a SJ-24 full waveform receiver and two Walcer Tx 9000 transmitter system. To acquire the magnetic survey data GEM 19 Overhauser magnetometers with GPS module were used. The specifications of these instruments are listed in Appendix A and the equipment parameters are summarized in Table 2.

Array Type	3DIP – Offset Pole-Dipole
Number of Dipoles	16 to 24
Dipole Length	100 m
Array Length	1600 to 2400 m
Current Interval	100 m
IP Transmitter	Walcer Tx 9000
Duty Cycle	50%
Waveform	Square
Cycle and Period	2 sec on / 2 sec off; 8 second
IP Receiver	SJ-24 Full Waveform Digital Receiver
Reading Length	Minimum 90 seconds
Vp Delay, Vp Integration	1200 ms, 600 ms
Mx Delay, # of Windows Width (Mx Intergration)	200 ms, 20 36, 39, 42, 45, 48, 52, 56, 60, 65, 70, 75, 81, 87, 94, 101, 109,118, 128, 140, 154 (200 ms – 1800 ms)
Properties Calculated	Vp, Mx, Sp, Apparent Res
Magnetometer	GEM 19 Overhouser Magnetometer
Station Spacing	12.5 m
Base Unit Reading Interval	5 seconds
Measured Property	Total magnetic field
GPS	Garmin GPSmap 60CSx. 62s
Average Accuracy	5 m
Datum / Projection	Projection/DATUM:NAD83 Zone 9

Table 4: Instrument parameters

The IP array was connected using special 8-conductor cables with 100m takeouts for the receiver electrodes. For the potential line, the electrodes consisted of stainless steel pins, 50cm long and 10mm in diameter, which were hammered into the ground. At each current station (100m intervals), current was injected using two long (75 cm) stainless steel electrodes hammered into the ground. The remote current locations consisted of four 1m stainless steel rods, 15mm in diameter. At both current and remote sites the ground was soaked with a saline water solution to improve contact.

For the Magnetometer survey a stationary base unit was used to record the diurnal variation in the total magnetic field at 20 second intervals. The mobile units, known as rovers, recorded the total magnetic field every 12.5m along the grid survey lines. Calibration measurements were taken by the rover units at the start and end of each day to account for instrument drift. Table 3 shows the UTM locations of the remote sites as well as the Magnetic base station and calibration point locations.

Type	UTM Northing	UTM Easting
South Remote 1	624027	5947637
North Remote 1	626253	5945411
South Remote 2	624313	5947956
North Remote 2	626540	5945724
South Remote 3	624781	5948515
North Remote 3	627172	5946118
South Remote 4	624336	5947897
North Remote 4	627784	5946743
Magnetic Base Station	0	5946243
Magnetic Calibration Point	0	5946245

Table 5: 3DIP remote sites, magnetic base station, and magnetic calibration points

5. GEOPHYSICAL TECHNIQUES

5.1 IP Method

The time domain IP technique energizes the ground by injecting square wave current pulses via a pair of current electrodes. During current injection, the apparent (bulk) resistivity of the ground is calculated from the measured primary voltage and the input current. Following current injection, a time decaying voltage is also measured at the receiver electrodes. This IP effect measures the amount of polarizable (or "chargeable") materials in the subsurface rock.

Under ideal circumstances, high chargeability corresponds to disseminated metallic sulfides. Unfortunately, IP responses are rarely uniquely interpretable as other rock materials are also chargeable, including some graphitic rocks, clays and some metamorphic rocks (e.g., serpentinite). Therefore, it is prudent from a geological perspective to incorporate other data sets to assist in interpretation.

IP and resistivity measurements are generally considered repeatable to within about five percent. However, changing field conditions, such as variable water content or electrode contact, reduce the overall repeatability. These measurements are influenced to a large degree by the rock materials near the surface or, more precisely, near the measuring electrodes. In the past, interpretation of a traditional IP pseudosection was often uncertain because strong responses located near the surface could mask a weaker one at depth.

5.2 3DIP Method

Three dimensional IP surveys were designed to take advantage of recent advances in 3D inversion techniques. Unlike conventional 2DIP, the electrode arrays are not restricted to an in-line geometry. In the standard 3DIP configuration, a receiver array is established along a survey line while current electrodes are located on two adjacent lines. Current electrodes are advanced along the adjacent lines at fixed increments (25, 50, 100 or 200 m). A typical receiver array consists of 12 to 16 dipoles separated by the same interval as the current lines or by some multiple of that interval. These spacings are sometimes modified to compensate for local conditions, such as inaccessible sites and streams, or the overall conductivity of ground. Receiver arrays are typically established on every second line. By injecting multiple current

locations to a single receiver electrode array, data acquisition rates are significantly improved over conventional surveys.

5.3 Magnetic Survey Method

Magnetic intensity measurements are taken along survey traverses (normally on a regular grid) and are used to identify metallic mineralization related to magnetic materials in the ground (e.g., magnetite and/or pyrrhotite). Magnetic data are also used as a mapping tool to distinguish rock types and to identify faults, bedding, structure and alteration zones. Line and station intervals are usually determined by the size and depth of the exploration targets.

The magnetic field has both an amplitude and a direction and our instrumentation measures both components. The most common technique used in mineral exploration is to measure just the amplitude component using an overhauser magnetometer. The instrument digitally records the survey line, station, total magnetic field and time of day at each station. After each day of surveying, data are downloaded to a computer for archiving and further processing.

The earth's magnetic field is continually changing (diurnal variations) so field measurements are calibrated to these variations. The most accurate technique is to establish a stationary base station magnetometer to continually monitor and record the magnetic field over the course of a day. The base station and field magnetometers are synchronized on the basis of time and computer software is used to correct the field data for the diurnal variations.

6. DATA PROCESSING

6.1. Acquisition and Quality Assurance Measures

The IP geophysical data go through a series of quality assurance processes. Prior to acquisition, it is SJ Geophysics' best practice to acquire a noise reading to determine the background noise levels and to detect possible bad channels (i.e. poor ground contacts). This allows the operator to troubleshoot problem areas in the array prior to acquisition, then once the operator is satisfied surveying can begin. Immediately after each full waveform reading is completed the data are analyzed in the field to provide the operator a set of Vp's, Sp's and a chart of the decay curves for each dipole in the array. This gives the operator valuable information to verify the quality of data in real time. Also available to the operator are visualization tools for full waveform signals and a spectral analysis program to assist in troubleshooting possible bad stations and unwanted noise.

Each evening, the analyzed data are imported into JavIP: a proprietary IP database management system developed by S.J.V. Consultants Ltd. (SJV). This package integrates the locational information with each reading, thus allowing the calculation of the apparent resistivity and apparent chargeability. The package's interactive quality control tools include: plots of decay curves, tables of calculated parameters and a dot plot (a graphical display of data of the various parameters). These enable the field geophysicist to validate each data point. After the field geophysicist removes known bad points from field observations and other obvious outliers, the database is delivered to SJV for a second review.

The second review is more stringent; the data is scrutinized to ensure erroneous data points are not passed along to the next stage of processing: the inversion. SJV predominantly uses the UBC-GIF algorithms to invert their geophysical data.

The data collected on the Seel/Ox Lake project was of fair quality. The Vp's, for the most part, were strong and the signals and resulting decay curves were mostly clean. On the last receiver line (6600N), two receivers were used to go around a lake. In most cases, one receiver recorded a full 16 dipole array. On the Seel/Ox Lake project most of the data attrition was caused by non-coupling (where the dipoles adjacent to the injection point have opposite polarities and generally experience a significant decrease in signal strength); however, some data attrition was

also caused by poor signals. The northwest portion of the grid is where most of the contact issues were located , especially when the cable crossed a creek. As a result there is a much higher data attrition rate in this area. Figure 4 shows data from the northeast side of the grid where data was generally very clean, and Figure 5 shows data from the northwest side of the grid that is slightly more noisy.

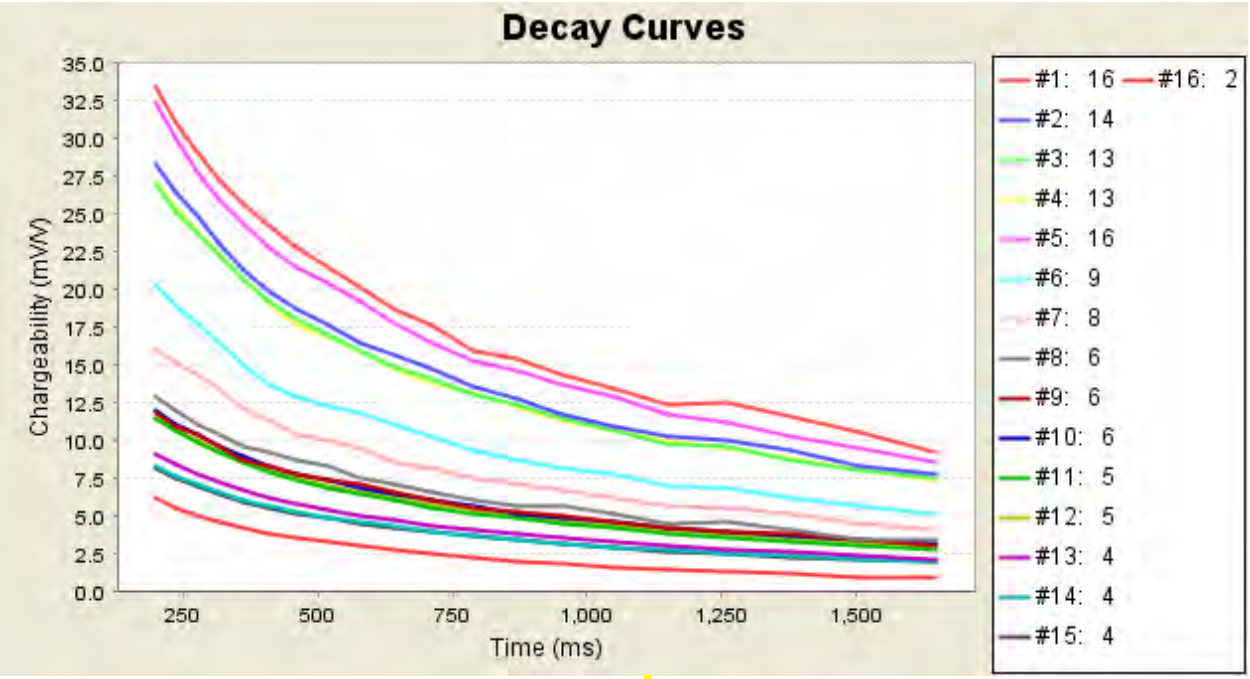


Figure 4: Decay curves for receiver line 6200N from 6000N injection station 4500E.

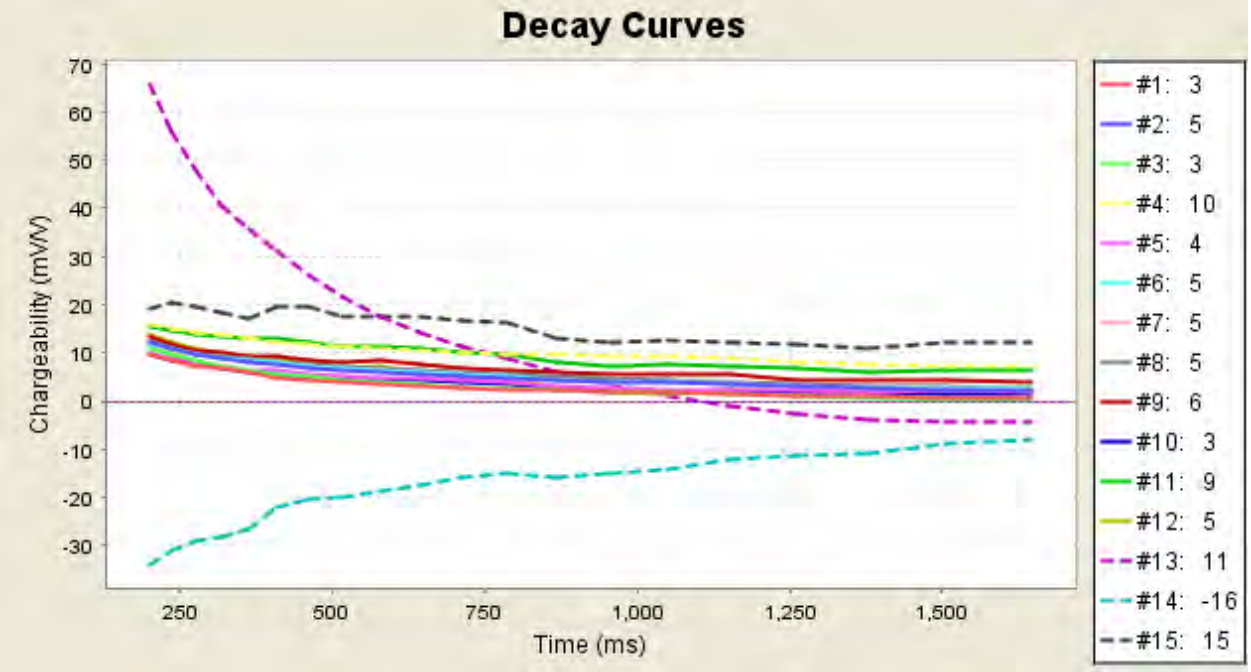


Figure 5: Decay curves for receiver line 4600N from 4800N injection station 2500E.

The magnetometer data were downloaded to computer on the evening whenever there was a magnetometer survey carried out. Magnetic material carried by the operators was reduce to as minimum as possible to ensure the good data quality. Repeat readings were also taken when there was a weak signal quality factor shown on the magnetometer. The magnetometer data are in good quality (See Figure 6).

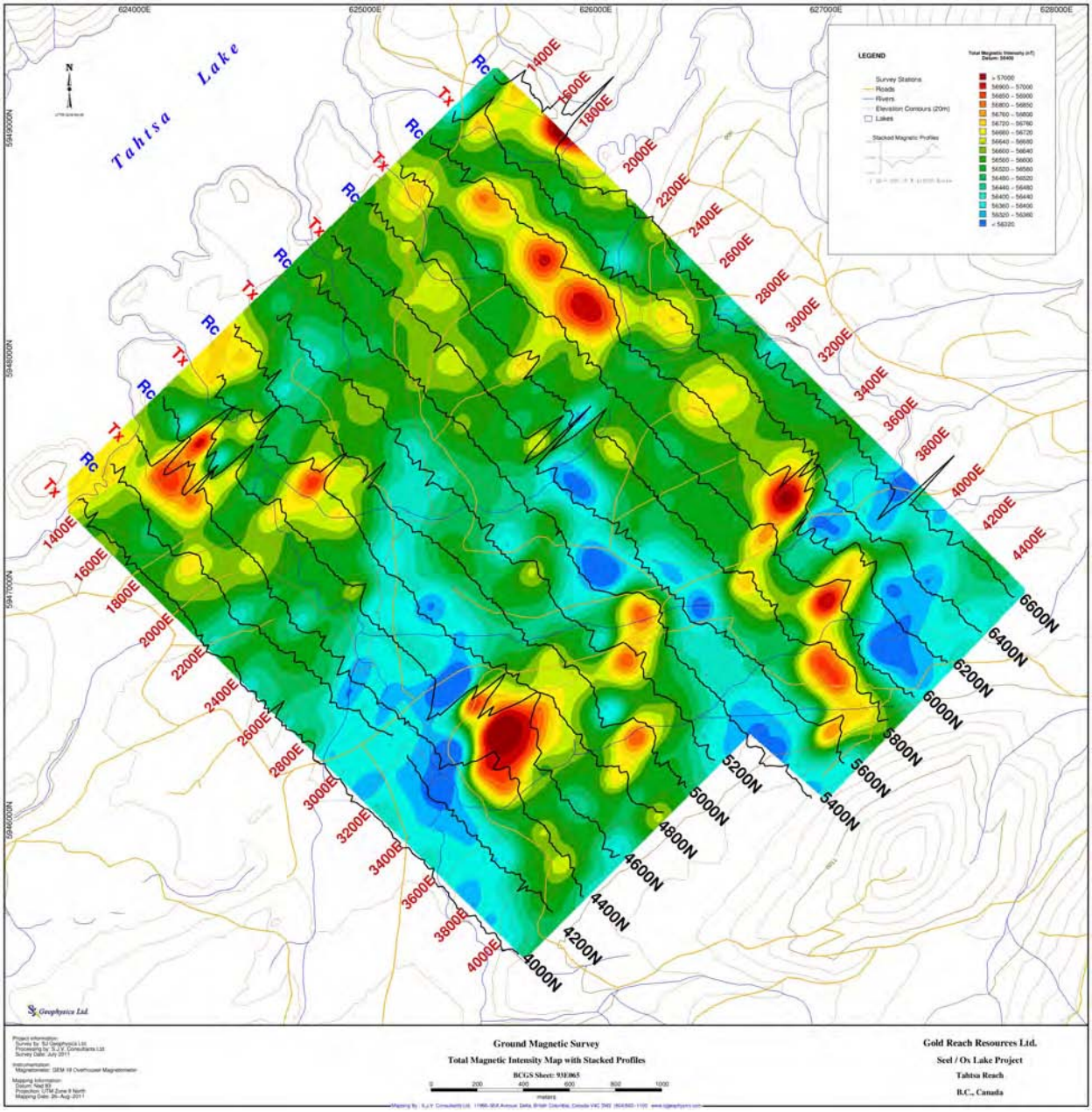


Figure 6: Total Field Magnetic Intensity Map with Stacked Profiles.

6.2. Inversion Program

The purpose of the inversion process is to convert surface IP/Resistivity measurements into a realistic "Interpreted Depth Section." However, note that the term is left in quotation marks. The use of the inversion routine is a subjective one because the input into the inversion routine calls for a number of user selectable variables whose adjustment can greatly influence the output. The output from the inversion routines do assist in providing a more reliable interpretation of IP/Resistivity data.

The inversion programs are generally applied iteratively to evaluate the output with regard to what is geologically known, estimate the depth of detection, and determine the viability of specific measurements.

The Inversion Program (DCINV3D) used by the SJ Geophysical Group was developed by a consortium of major mining companies under the auspices of the UBC-Geophysical Inversion Facility. It solves two inverse problems. The DC potentials are first inverted to recover the spatial distribution of electrical resistivities, and, secondly, the chargeability data (IP) are inverted to recover the spatial distribution of IP polarizable particles in the rocks.

The Interpreted Depth Section maps represent the cross-sectional distribution of polarizable materials, in the case of IP effect and the cross-sectional distribution of the apparent resistivity, in the case of the resistivity parameter.

Respectfully submitted,
per SJ Geophysics Ltd.

Brian Chen

APPENDIX A: INSTRUMENT SPECIFICATIONS

SJ-24 Full Waveform Digital IP Receiver

Technical:

Input impedance:	10Ω
Input overvoltage protection:	up to 1000V
External memory:	Unlimited readings
Number of dipoles:	4 to 16 +, expandable
Synchronization:	Software signal post-processing user selectable
Common mode rejection:	More than 100 dB (for Rs=0)
Self potential (Sp):	Range: -5V to +5V Resolution: 0.1mV Proprietary intelligent stacking process rejecting strong non-linear SP drifts
Primary voltage:	Range: 1μV – 10V (24bit) Resolution: 1μV Accuracy: typ. <1.0%
Chargeability:	Resolution: 1μV/V Accuracy: typ. <1.0%

General (4 dipole unit):

Dimensions:	18 x 16 x 9 cm
Weight:	1.1kg
Battery:	12V external
Operating temperature range:	-20 ºC to 40 ºC

Walcer Tx9000 IP Transmitter

Input voltage:	120V / 400 Hz, three phase.
Output power:	9.0 kW maximum.
Output voltage:	150 to 3200 Volts
Output current:	30mA to 20A
Time domain:	1,2,4,8 sec ON/OFF cycle.
Operating temp. range:	-40^0 to $+65^0$ C
Display:	Digital LCD read to 0.01A
Dimensions (h w d):	90 x 40 x 20 cm
Weight:	20kg.

GEM 19 Overhauser Magnetometer

Resolution:	0.01 nT, magnetic field and gradient.
Accuracy:	0.2 nT over operating range.
Gradient Tolerance:	up to 5000 nT/metre.
Operating Interval:	4 seconds minimum, faster optional.
Reading:	Initiated by keyboard depression, external trigger or carriage return via RS-232C.
Input/Output:	6 Pin weatherproof connector, RS-232C, and optional analog output
Power Requirements:	12v 300 mA peak(during polarization), 35 mA standby, 600 mA peak in gradiometer
Power Source:	Internal 12v, 1.9ah sealed lead-acid battery standard, other optional External 12v power source can be used.
Battery Charger:	Input: 110/220 VAC, 50/60 Hz and/or 12VDC. Output: 12v dual level charging.
Operating Ranges Temperature:	-40o C to +600 C
Battery Voltage:	10v min. to 15v max.

Dimensions:

Console:	223 x 69 x 240 mm.
Sensor staff:	4 x 450 mm sections.
Sensor:	170 x 71 mm diameter.

Weights:

Console:	2.1 kg
Staff:	0.9 kg.
Sensor:	1.1 kg each.

APPENDIX B: SURVEY SUMMARY TABLE

Seel/Ox Lake Grid

Line	*Series*	*Type*	*Start Station*	*End Station*	*Survey Length (m)*
4000	N	Tx/Mag	1350	4100	2750
4200	N	Rc/Mag	1350	4100	2750
4400	N	Tx/Mag	1325	4100	2775
4600	N	Rc/Mag	1400	4100	2700
4800	N	Tx/Mag	1400	4100	2700
5000	N	Rc/Mag	1300	4100	2800
5200	N	Tx/Mag	1300	4100	2800
5400	N	Rc/Mag	1300	4500	3200
5600	N	Tx/Mag	1300	4500	3200
5800	N	Rc/Mag	1300	4500	3200
6000	N	Tx/Mag	1300	4500	3200
6200	N	Rc/Mag	1300	4500	3200
6400	N	Tx/Mag	1300	4500	3200
6600	N	Rc/Mag	1300	4500	3200

Total Linear Metres = 41675

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Tahtsa Lake

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

006 1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m

- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap
3D Inversion Model
Depth: 50m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.
Interpreted Resistivity (ohm−m)
Seel / Ox Lake Project
Tahtsa Reach
B.C., Canada

Plate R−1

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Tahtsa Lake

Rc Tx 1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E 4600N 4800N 5000N 5200N 5400N 5600N 5800N 6000N 6200N 6400N 6600N

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

006
1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m
- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap
3D Inversion Model
Depth: 75m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.
Interpreted Resistivity (ohm−m)
Seel / Ox Lake Project
Tahtsa Reach
B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Tahtsa Lake

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

006 1100

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m

- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap
3D Inversion Model
Depth: 100m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.

Interpreted Resistivity (ohm−m)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Plate R−3

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Lake

Tahtsa

Rc Tx 1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E 4600N 4800N 5000N 5200N 5400N 5600N 5800N 6000N 6200N 6400N 6600N

006

1100

6401N 1300E

5601N 1300E

4803N 1325E

4801N 1400E

4401N 1400E

6402N 4650E

5602N 4700E

4804N 4300E

4802N 4500E

4402N 4500E

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m

- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N

UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 150m Below Topography

0 200 400 600 800 1000

meters

Gold Reach Resources Ltd.

Interpreted Resistivity (ohm−m)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Lake

Tahtsa

Rc Tx

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

006 1100

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m

- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap
3D Inversion Model
Depth: 200m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.
Interpreted Resistivity (ohm−m)
Seel / Ox Lake Project
Tahtsa Reach
B.C., Canada

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Tahtsa Lake

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E 4600N 4800N 5000N 5200N 5400N 5600N 5800N 6000N 6200N 6400N 6600N

006 1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m

- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap
3D Inversion Model
Depth: 250m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.

Interpreted Resistivity (ohm−m)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Plate R−6

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Lake

Tahtsa

Tx Rc

6401N 1300E

5601N 1300E

4803N 1325E

4801N 1400E

4401N 1400E

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

006

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

6402N 4650E

5602N 4700E

4804N 4300E

4802N 4500E

4402N 4500E

1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m

- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N

UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 300m Below Topography

0 200 400 600 800 1000

meters

Gold Reach Resources Ltd.

Interpreted Resistivity (ohm−m)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Tahtsa Lake

Tx Rc

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

006 1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m

- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap
3D Inversion Model
Depth: 350m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.
Interpreted Resistivity (ohm−m)
Seel / Ox Lake Project
Tahtsa Reach
B.C., Canada

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Tahtsa Lake

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E 4600E 4800E 5000N 5200N 5400N 5600N 5800N 6000N 6200N 6400N 6600N

006 1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ohm−m
- > 2000
- 1400 − 2000
- 1000 − 1400
- 800 − 1000
- 600 − 800
- 500 − 600
- 400 − 500
- 300 − 400
- 200 − 300
- 100 − 200
- 50 − 100
- < 50

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

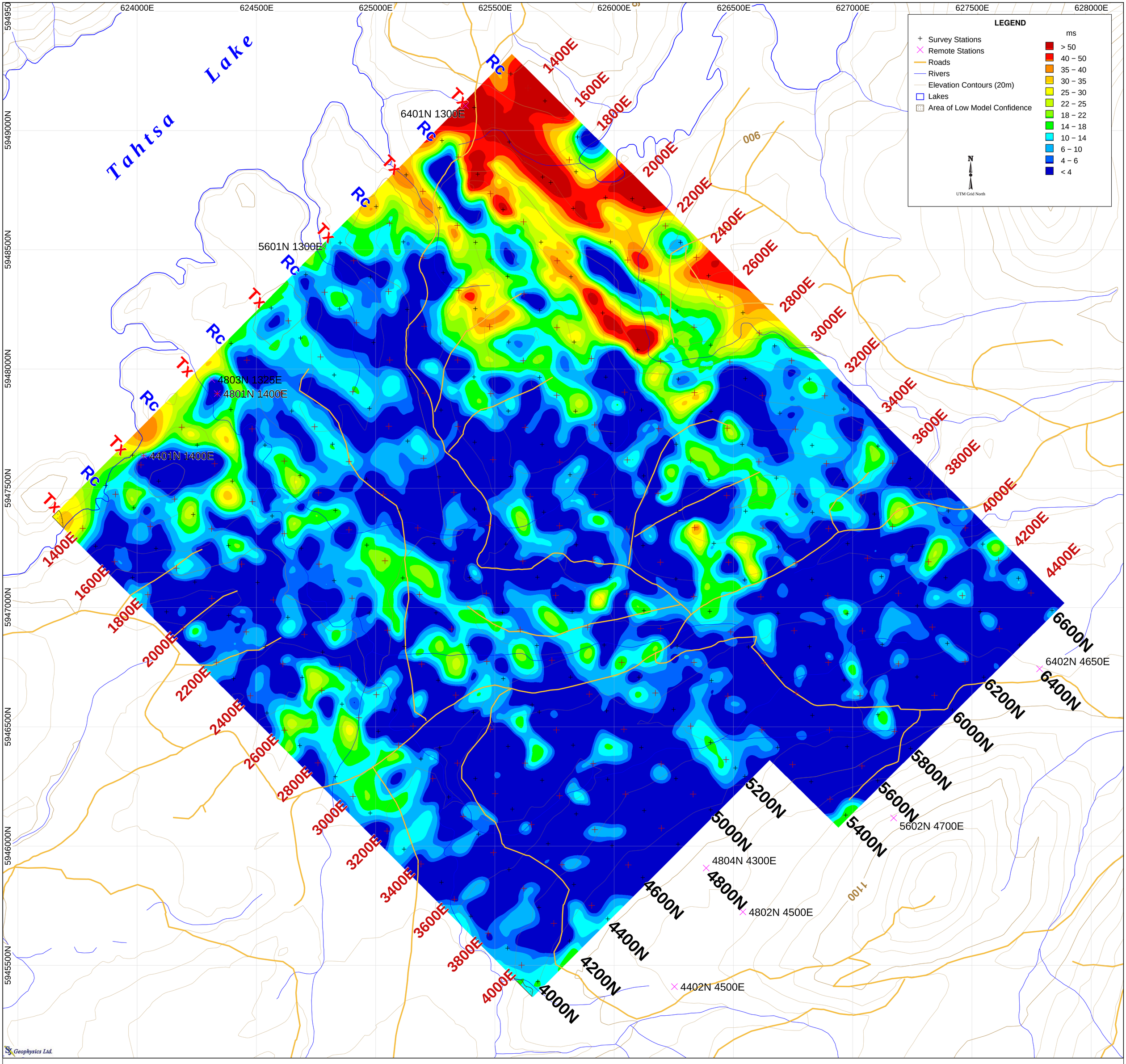
Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap
3D Inversion Model
Depth: 400m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.
Interpreted Resistivity (ohm−m)
Seel / Ox Lake Project
Tahtsa Reach
B.C., Canada

Plate R−9



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 50m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.

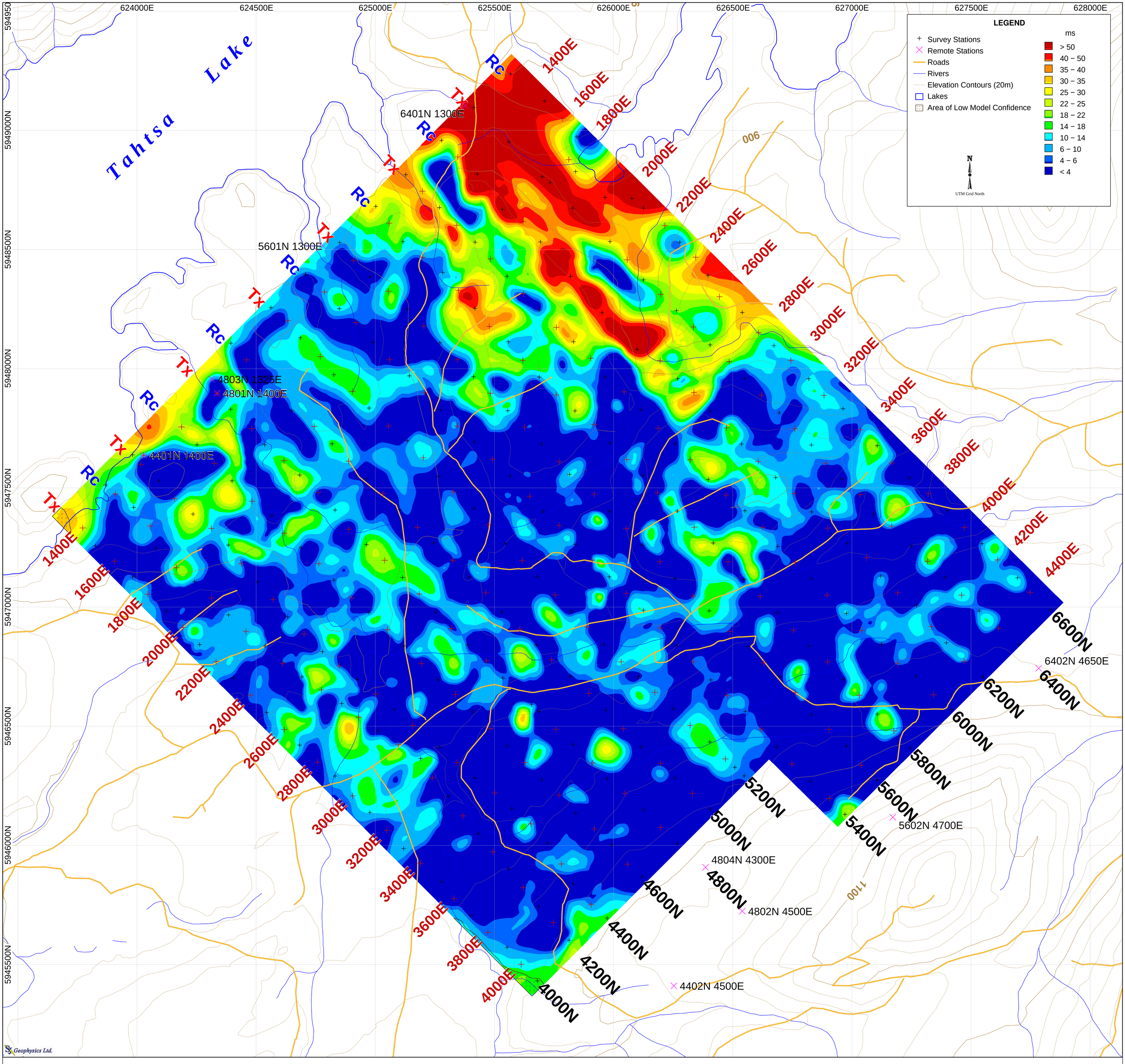
Interpreted Chargeability (ms)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 75m Below Topography

0 200 400 600 800 1000

meters

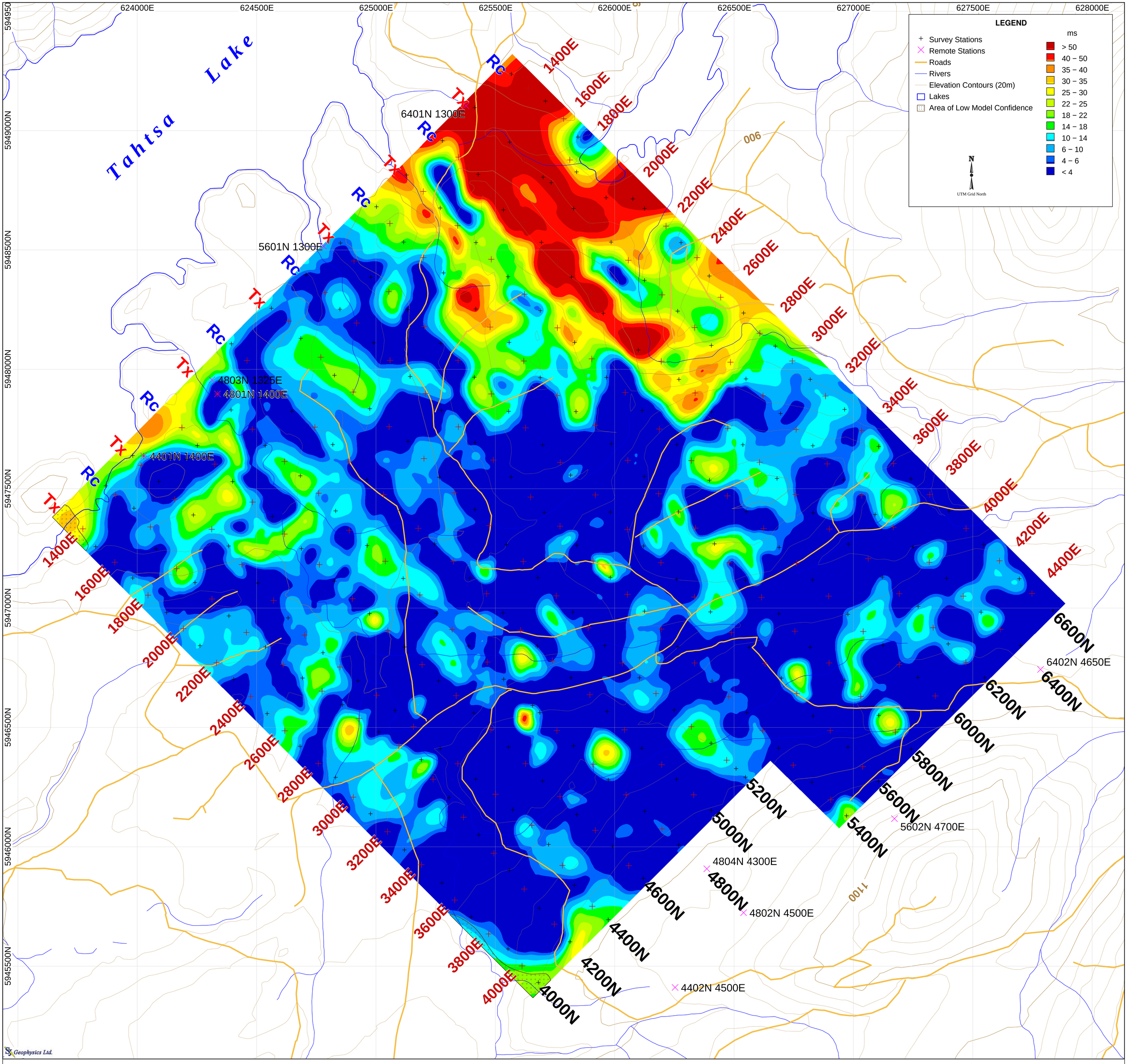
Gold Reach Resources Ltd.

Interpreted Chargeability (ms)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 100m Below Topography

0 200 400 600 800 1000

meters

Gold Reach Resources Ltd.

Interpreted Chargeability (ms)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Lake

Tahtsa

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

006 1100

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ms

- > 50
- 40 − 50
- 35 − 40
- 30 − 35
- 25 − 30
- 22 − 25
- 18 − 22
- 14 − 18
- 10 − 14
- 6 − 10
- 4 − 6
- < 4

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 150m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.

Interpreted Chargeability (ms)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Plate C−4

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Tahtsa Lake

Seel Lake

Ox Lake

006

1100

6401N 1300E

5601N 1300E

4803N 1325E

4801N 1400E

4401N 1400E

6402N 4650E

5602N 4700E

4804N 4300E

4802N 4500E

4402N 4500E

Rc Tx

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E 4600N 4800N 5000N 5200N 5400N 5600N 5800N 6000N 6200N 6400N 6600N

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ms

- > 50
- 40 − 50
- 35 − 40
- 30 − 35
- 25 − 30
- 22 − 25
- 18 − 22
- 14 − 18
- 10 − 14
- 6 − 10
- 4 − 6
- < 4

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 200m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.

Interpreted Chargeability (ms)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Tahtsa Lake

Rc Tx 1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

006

6401N 1300E

5601N 1300E

4803N 1325E

4801N 1400E

4401N 1400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

6402N 4650E

5602N 4700E

4804N 4300E

4802N 4500E

4402N 4500E

1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ms

- > 50
- 40 − 50
- 35 − 40
- 30 − 35
- 25 − 30
- 22 − 25
- 18 − 22
- 14 − 18
- 10 − 14
- 6 − 10
- 4 − 6
- < 4

N

UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 250m Below Topography

0 200 400 600 800 1000

meters

Gold Reach Resources Ltd.

Interpreted Chargeability (ms)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Plate C−6

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Lake

Tahtsa

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

006 1100

6401N 1300E
5601N 1300E
4803N 1325E
4801N 1400E
4401N 1400E
6402N 4650E
5602N 4700E
4804N 4300E
4802N 4500E
4402N 4500E

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ms

- > 50
- 40 − 50
- 35 − 40
- 30 − 35
- 25 − 30
- 22 − 25
- 18 − 22
- 14 − 18
- 10 − 14
- 6 − 10
- 4 − 6
- < 4

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap
3D Inversion Model
Depth: 300m Below Topography

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.
Interpreted Chargeability (ms)
Seel / Ox Lake Project
Tahtsa Reach
B.C., Canada

Plate C−7

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Lake

Tahtsa

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

6401N 1300E

5601N 1300E

4803N 1325E

4801N 1400E

4401N 1400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

6402N 4650E

5602N 4700E

4804N 4300E

4802N 4500E

4402N 4500E

006

1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ms

- > 50
- 40 − 50
- 35 − 40
- 30 − 35
- 25 − 30
- 22 − 25
- 18 − 22
- 14 − 18
- 10 − 14
- 6 − 10
- 4 − 6
- < 4

N

UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 350m Below Topography

0 200 400 600 800 1000

meters

Gold Reach Resources Ltd.

Interpreted Chargeability (ms)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

624000E 624500E 625000E 625500E 626000E 626500E 627000E 627500E 628000E

5949500N 5949000N 5948500N 5948000N 5947500N 5947000N 5946500N 5946000N 5945500N

Lake

Tahtsa

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

6401N 1300E

5601N 1300E

4803N 1325E

4801N 1400E

4401N 1400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

6402N 4650E

5602N 4700E

4804N 4300E

4802N 4500E

4402N 4500E

006 1100

LEGEND

- Survey Stations
- Remote Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes
- Area of Low Model Confidence

ms

- > 50
- 40 − 50
- 35 − 40
- 30 − 35
- 25 − 30
- 22 − 25
- 18 − 22
- 14 − 18
- 10 − 14
- 6 − 10
- 4 − 6
- < 4

N

UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 19−Sep−2011

Planmap

3D Inversion Model

Depth: 400m Below Topography

0 200 400 600 800 1000

meters

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604) 582−1100 www.sjgeophysics.com

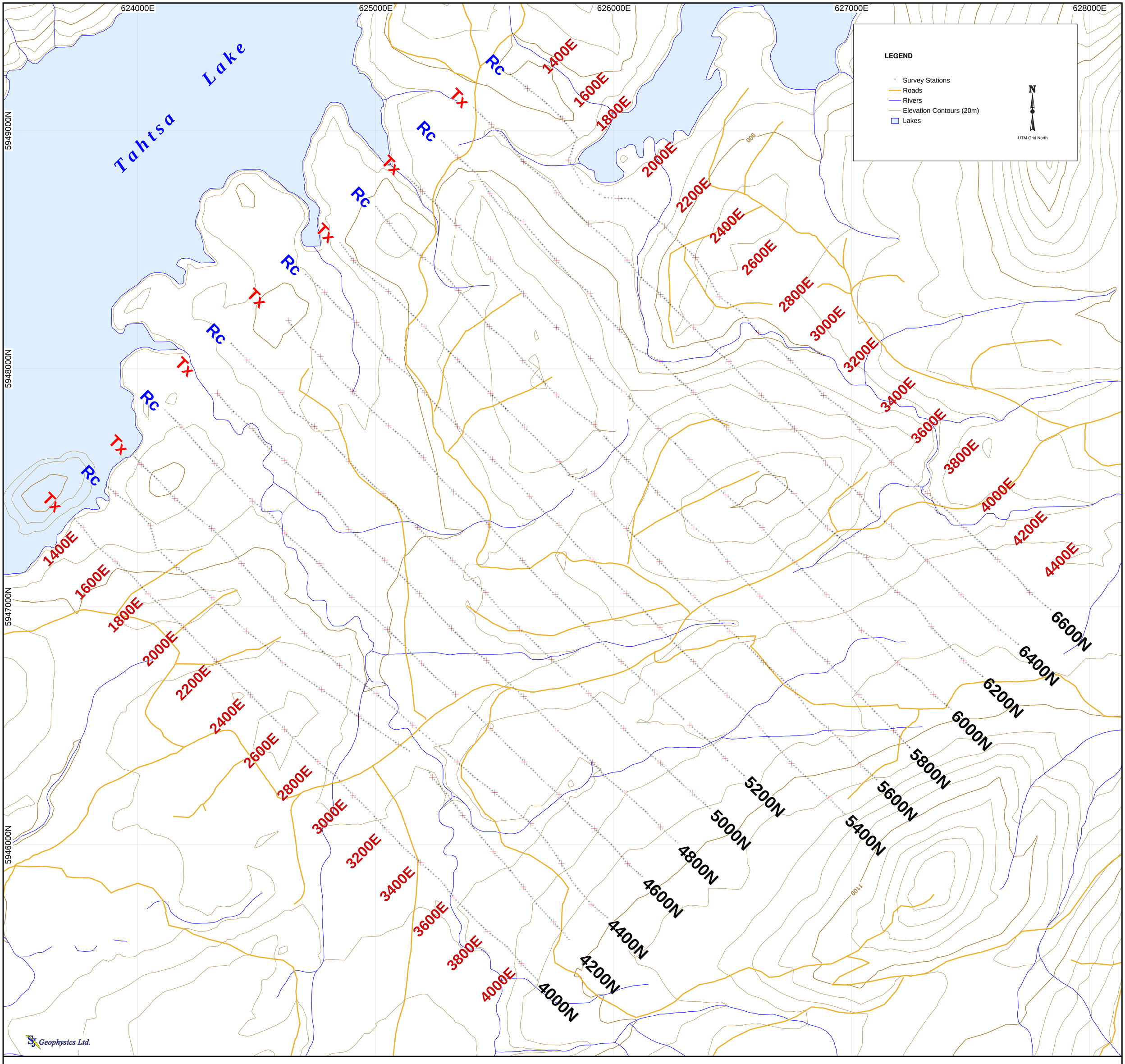
Gold Reach Resources Ltd.

Interpreted Chargeability (ms)

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada



Project Information:
Survey by: SJ Geophysics Ltd.
Processing by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Magnetometer: GEM 19 Overhouser Magnetometer

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 26−Aug−2011

Ground Magnetic Survey

Grid Map

BCGS Sheet: 93E065

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604)582−1100 www.sjgeophysics.com

624000E 625000E 626000E 627000E 628000E

5949000N 5948000N 5947000N 5946000N

Tahtsa Lake

Rc Tx 1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E 4600N 4800N 5000N 5200N 5400N 5600N 5800N 6000N 6200N 6400N 6600N

900 1100

LEGEND

- Survey Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes

Stacked Magnetic Profiles

56750
56550
56350

1 cm = 200 nT @ 1:5000 Scale

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
Processing by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Magnetometer: GEM 19 Overhouser Magnetometer

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 26−Aug−2011

Ground Magnetic Survey

Stacked Magnetic Profile Map

BCGS Sheet: 93E065

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604)582−1100 www.sjgeophysics.com

624000E 625000E 626000E 627000E 628000E

5949000N 5948000N 5947000N 5946000N

Tahtsa Lake

Tx Rc 1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E 4600E 4800E 5000N 5200N 5400N 5600N 5800N 6000N 6200N 6400N 6600N

900

1100

LEGEND

- Survey Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes

Total Magnetic Intensity (nT)
Datum: 56400

> 57000
56900 – 57000
56850 – 56900
56800 – 56850
56760 – 56800
56720 – 56760
56680 – 56720
56640 – 56680
56600 – 56640
56560 – 56600
56520 – 56560
56480 – 56520
56440 – 56480
56400 – 56440
56360 – 56400
56320 – 56360
< 56320

N
UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
Processing by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Magnetometer: GEM 19 Overhouser Magnetometer

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 26−Aug−2011

Ground Magnetic Survey

Total Magnetic Intensity Map

BCGS Sheet: 93E065

0 200 400 600 800 1000
meters

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604)582−1100 www.sjgeophysics.com

624000E 625000E 626000E 627000E 628000E

5949000N 5948000N 5947000N 5946000N

Tahtsa Lake

Tx Rc

1400E 1600E 1800E 2000E 2200E 2400E 2600E 2800E 3000E 3200E 3400E 3600E 3800E 4000E 4200E 4400E

6600N 6400N 6200N 6000N 5800N 5600N 5400N 5200N 5000N 4800N 4600N 4400N 4200N 4000N

900 1100

LEGEND

- Survey Stations
- Roads
- Rivers
- Elevation Contours (20m)
- Lakes

Total Magnetic Intensity (nT)
Datum: 56400

- > 57000
- 56900 – 57000
- 56850 – 56900
- 56800 – 56850
- 56760 – 56800
- 56720 – 56760
- 56680 – 56720
- 56640 – 56680
- 56600 – 56640
- 56560 – 56600
- 56520 – 56560
- 56480 – 56520
- 56440 – 56480
- 56400 – 56440
- 56360 – 56400
- 56320 – 56360
- < 56320

N

UTM Grid North

SJ Geophysics Ltd.

Project Information:
Survey by: SJ Geophysics Ltd.
Processing by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Magnetometer: GEM 19 Overhouser Magnetometer

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 26–Aug–2011

Ground Magnetic Survey

Total Magnetic Intensity Map: Shadow Enhanced

BCGS Sheet: 93E065

0 200 400 600 800 1000
meters

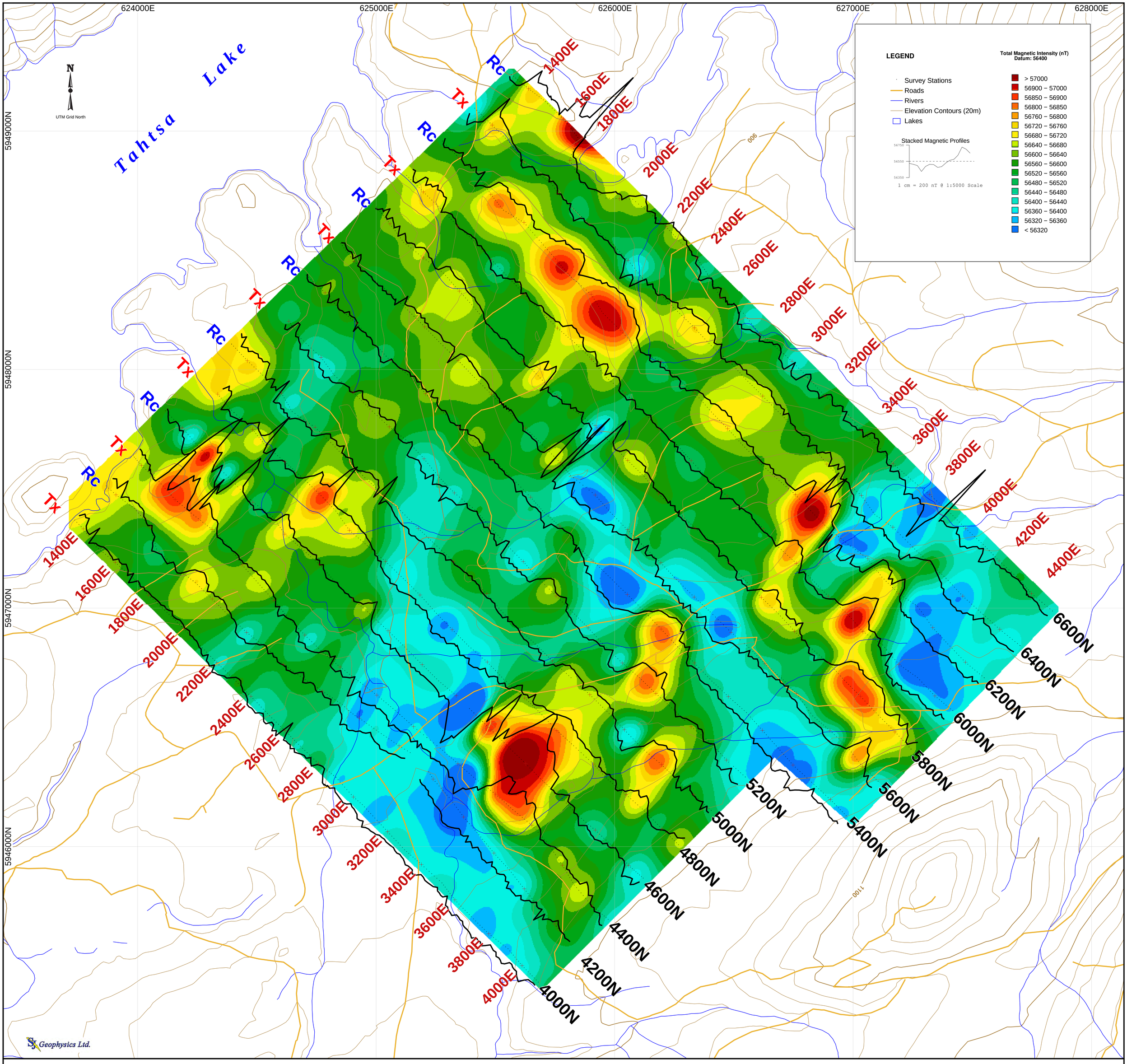
Mapping By : S.J.V. Consultants Ltd. 11966–95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604)582–1100 www.sjgeophysics.com

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada



Project Information:
Survey by: SJ Geophysics Ltd.
Processing by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Magnetometer: GEM 19 Overhouser Magnetometer

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 26−Aug−2011

Ground Magnetic Survey

Total Magnetic Intensity Map with Stacked Profiles

BCGS Sheet: 93E065

0 200 400 600 800 1000
meters

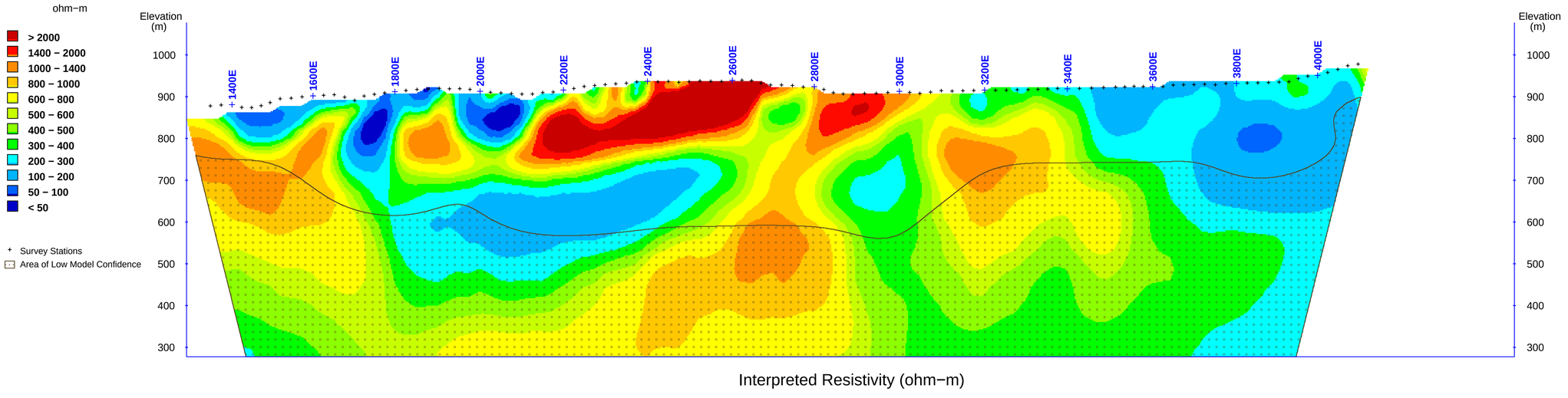
Gold Reach Resources Ltd.

Seel / Ox Lake Project

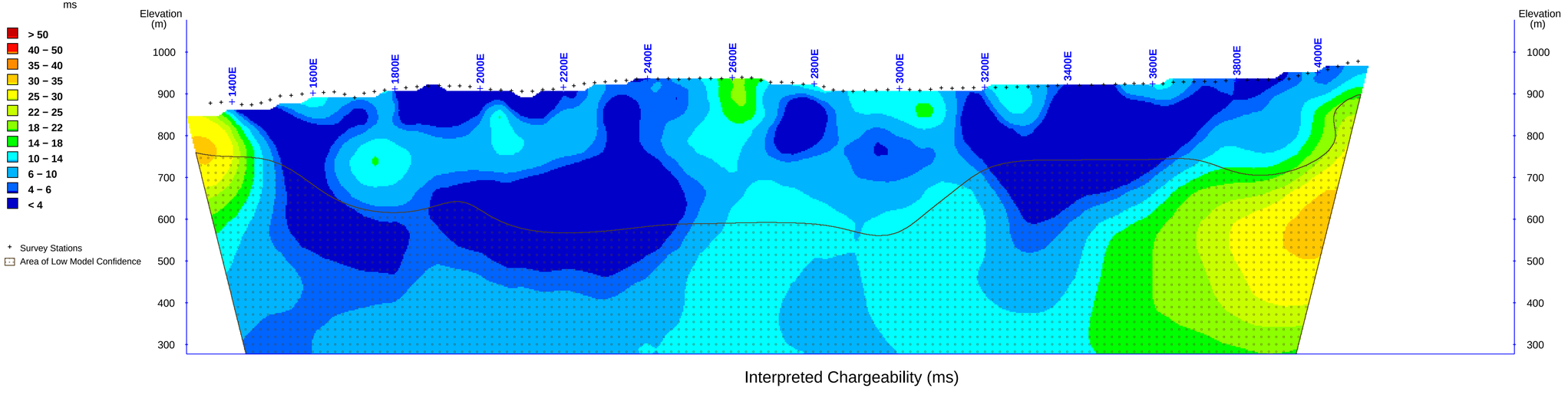
Tahtsa Reach

B.C., Canada

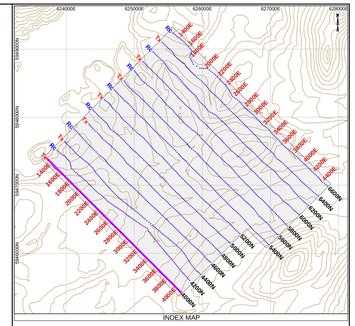
Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, Canada V4C 3W2 (604)582−1100 www.sjgeophysics.com



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

3D Inversion Model

of

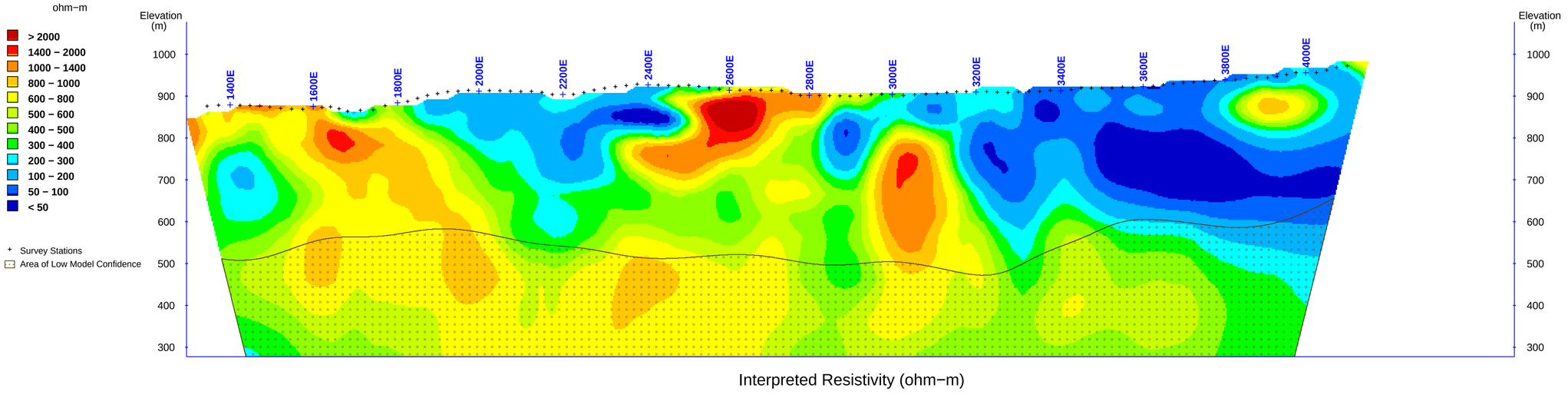
Interpreted

Resistivity & Chargeability

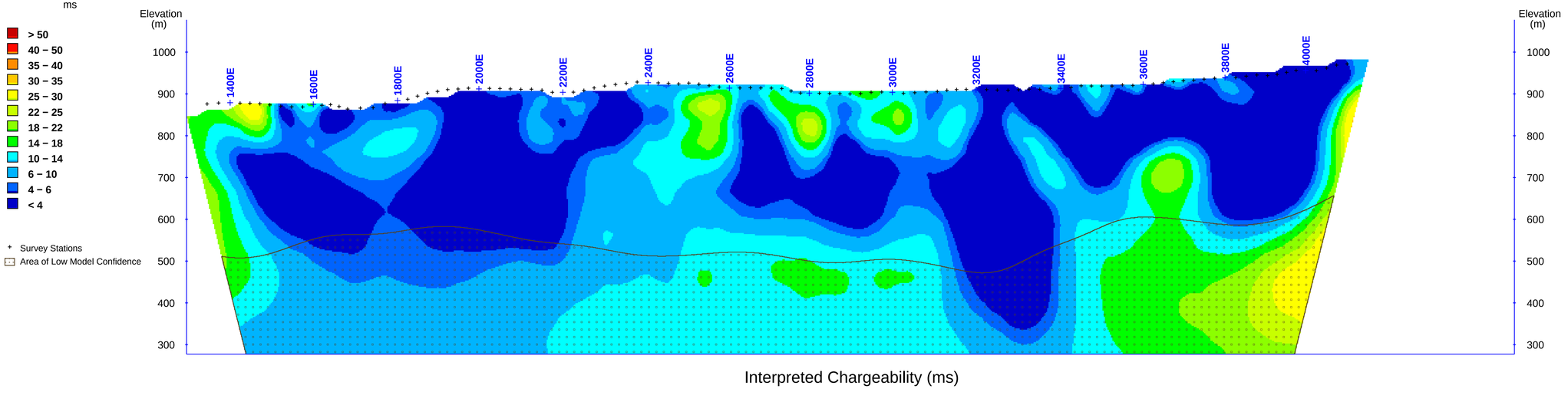
Cross Section Map

Section: 4000N

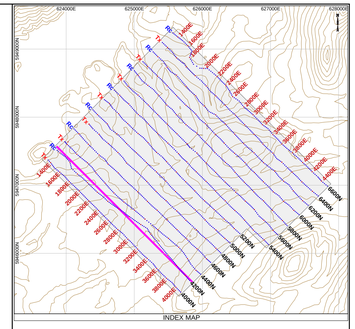
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

3D Inversion Model

of

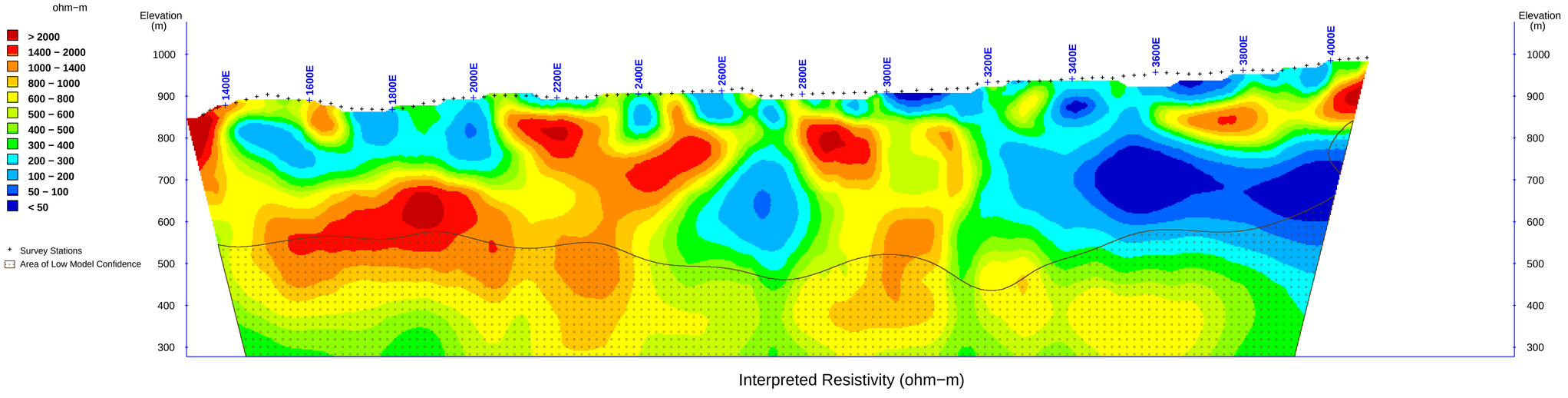
Interpreted

Resistivity & Chargeability

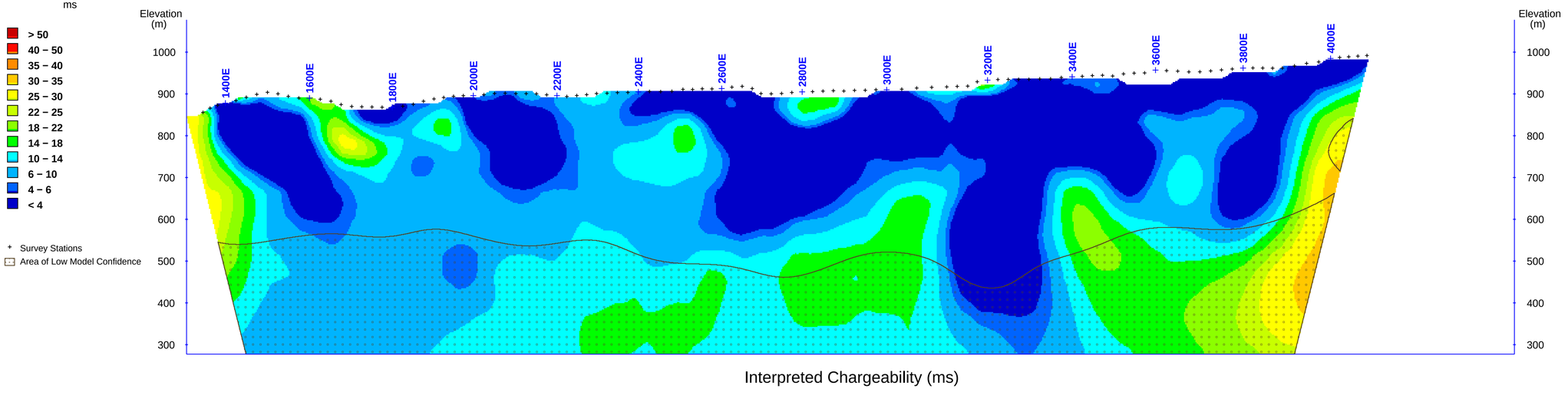
Cross Section Map

Section: 4200N

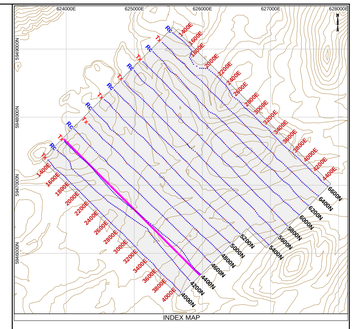
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

3D Inversion Model

of

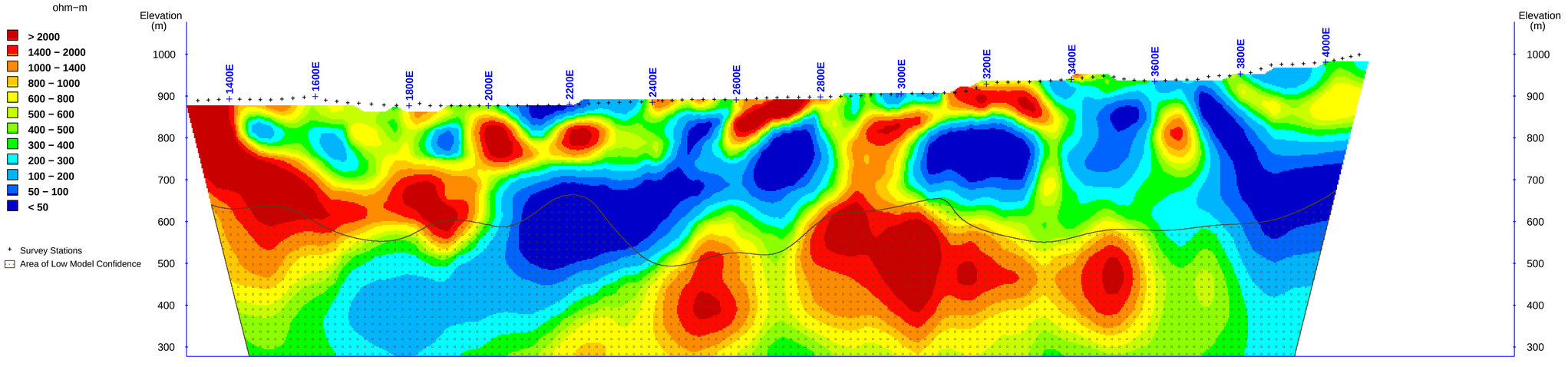
Interpreted

Resistivity & Chargeability

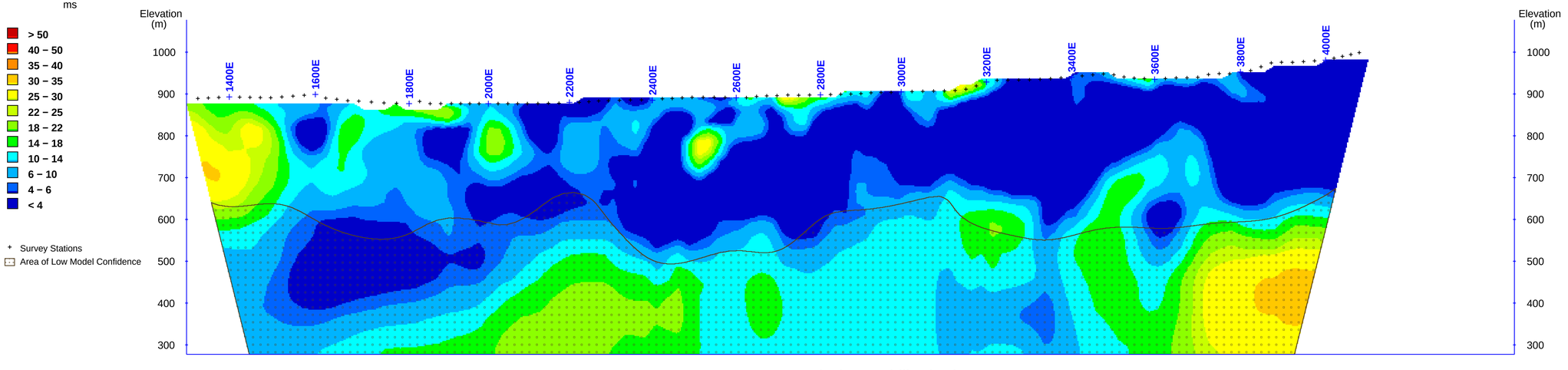
Cross Section Map

Section: 4400N

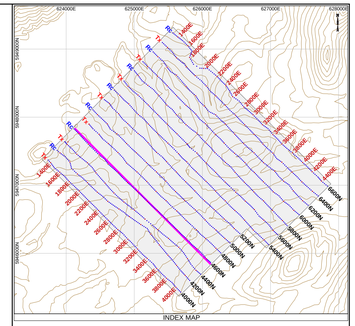
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

3D Inversion Model

of

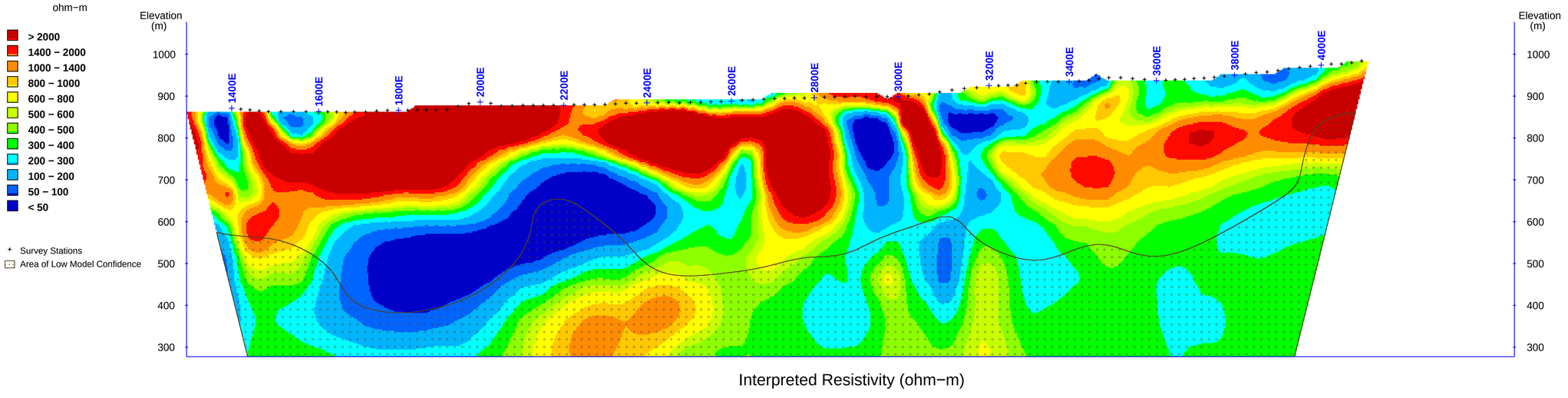
Interpreted

Resistivity & Chargeability

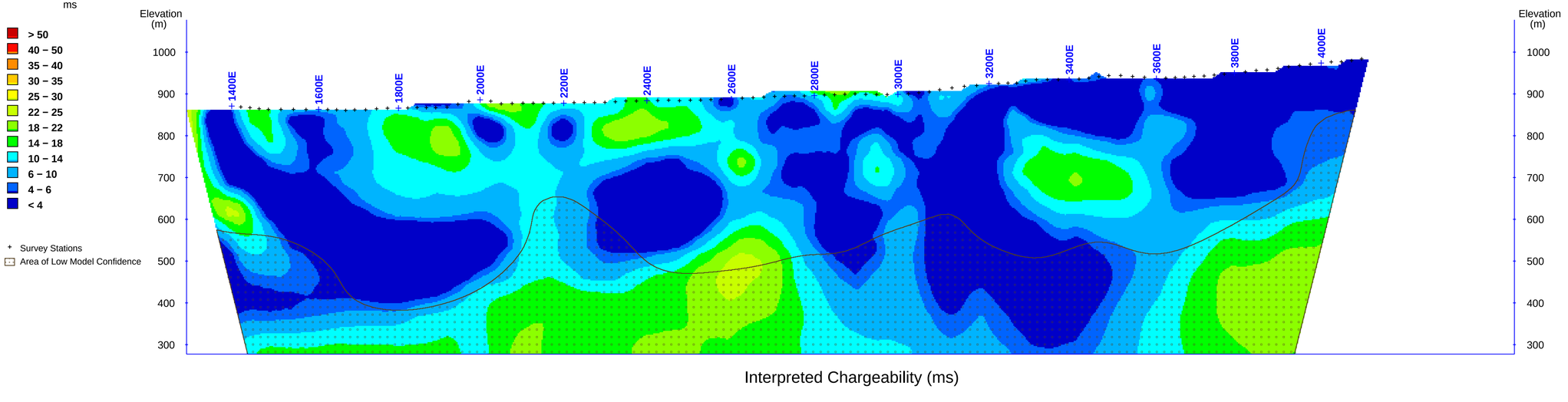
Cross Section Map

Section: 4600N

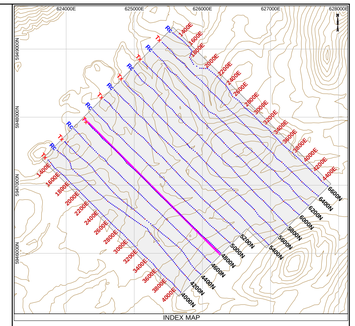
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

3D Inversion Model

of

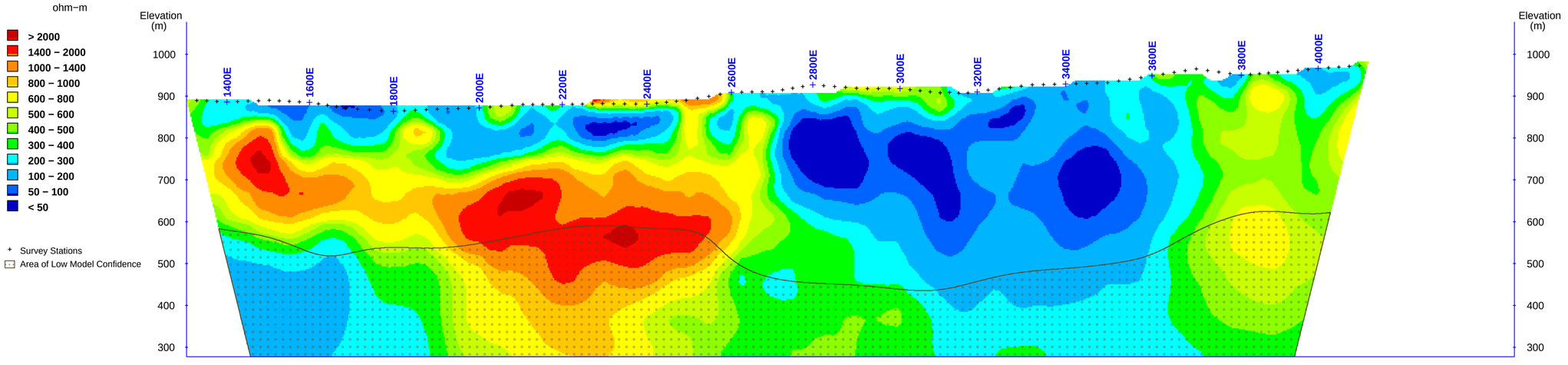
Interpreted

Resistivity & Chargeability

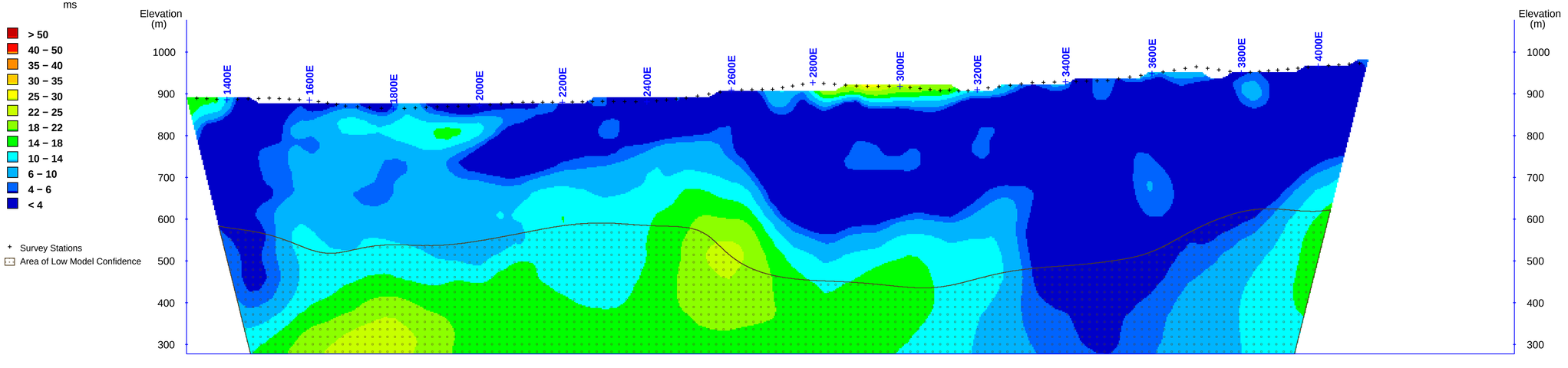
Cross Section Map

Section: 4800N

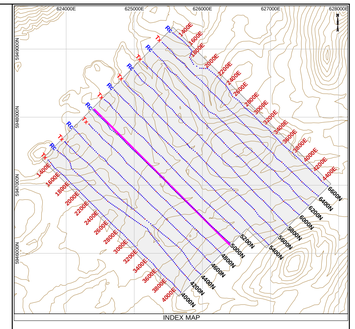
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

3D Inversion Model

of

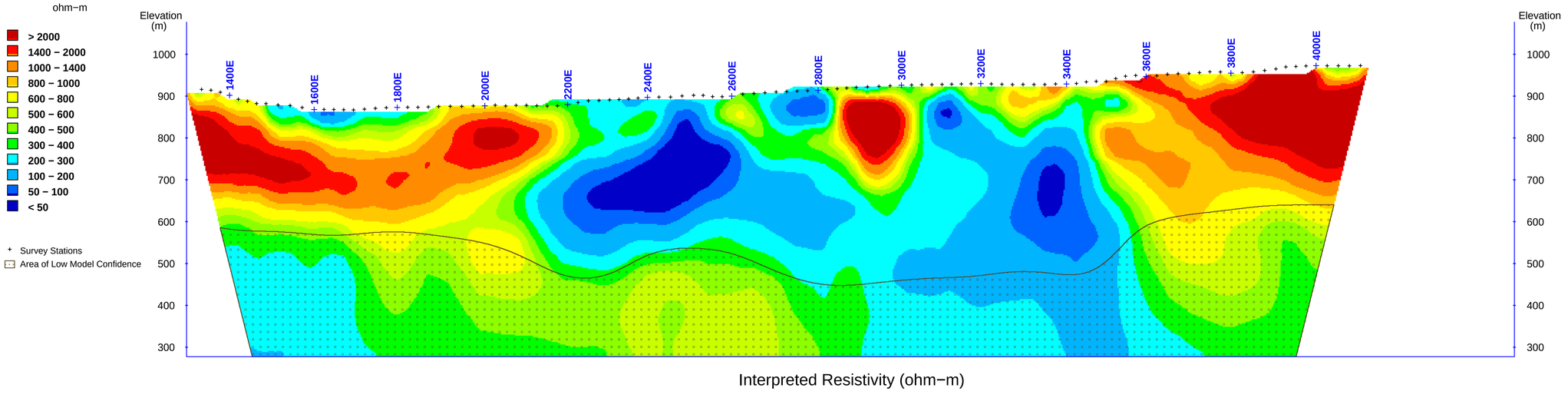
Interpreted

Resistivity & Chargeability

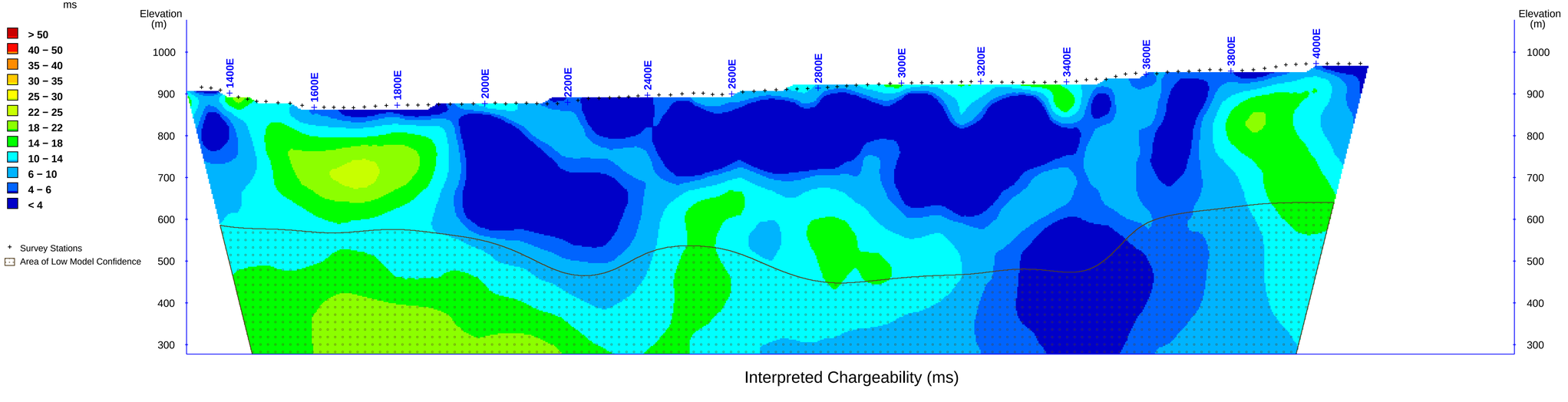
Cross Section Map

Section: 5000N

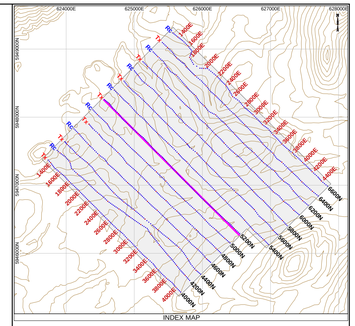
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

3D Inversion Model

of

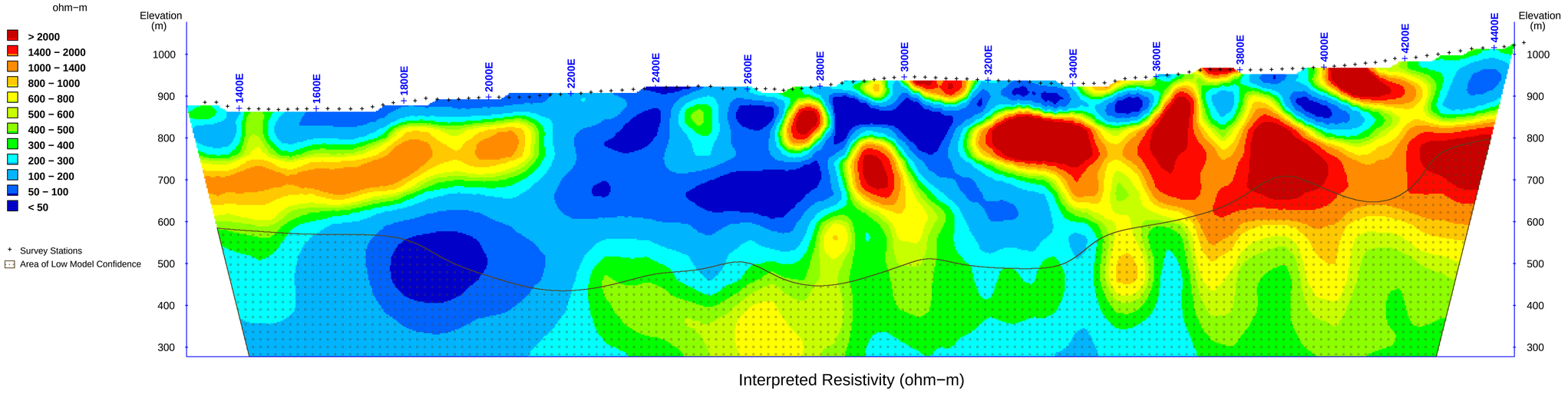
Interpreted

Resistivity & Chargeability

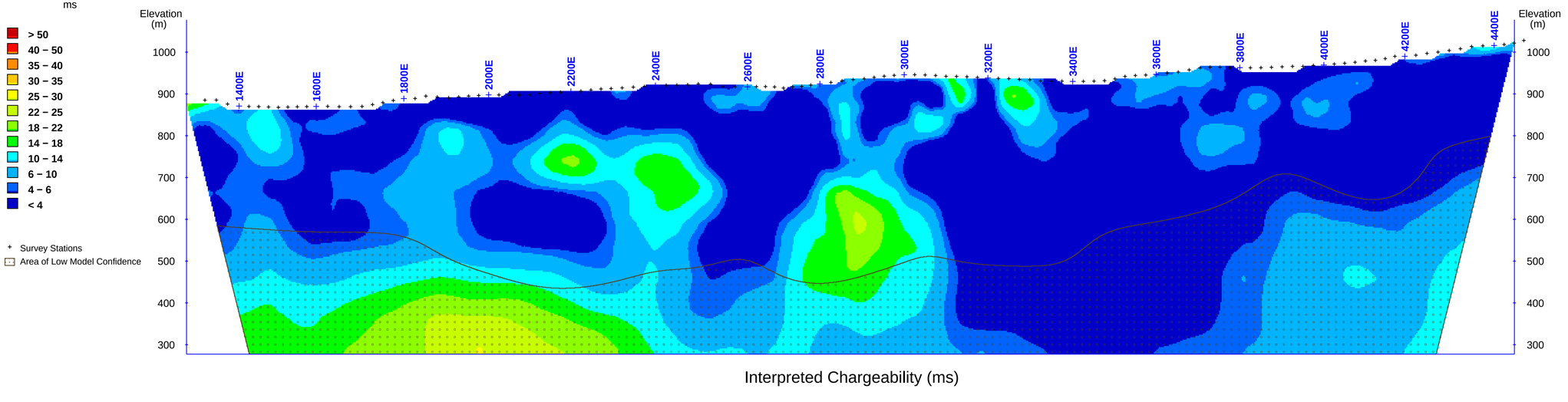
Cross Section Map

Section: 5200N

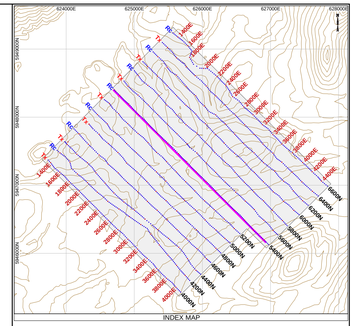
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

Gold Reach Resources Ltd.

Seel / Ox Lake Project

Tahtsa Reach

B.C., Canada

3D Inversion Model

of

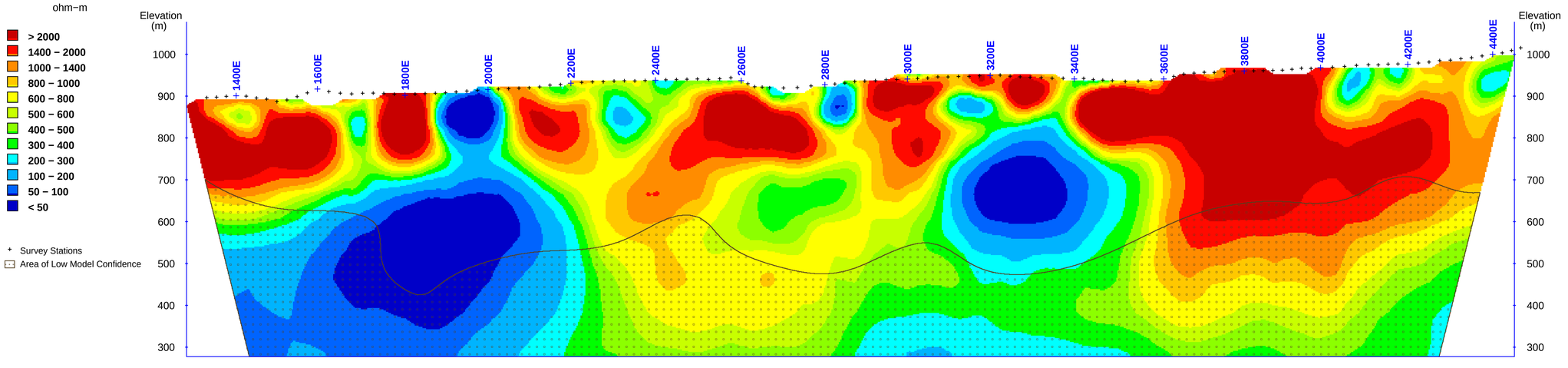
Interpreted

Resistivity & Chargeability

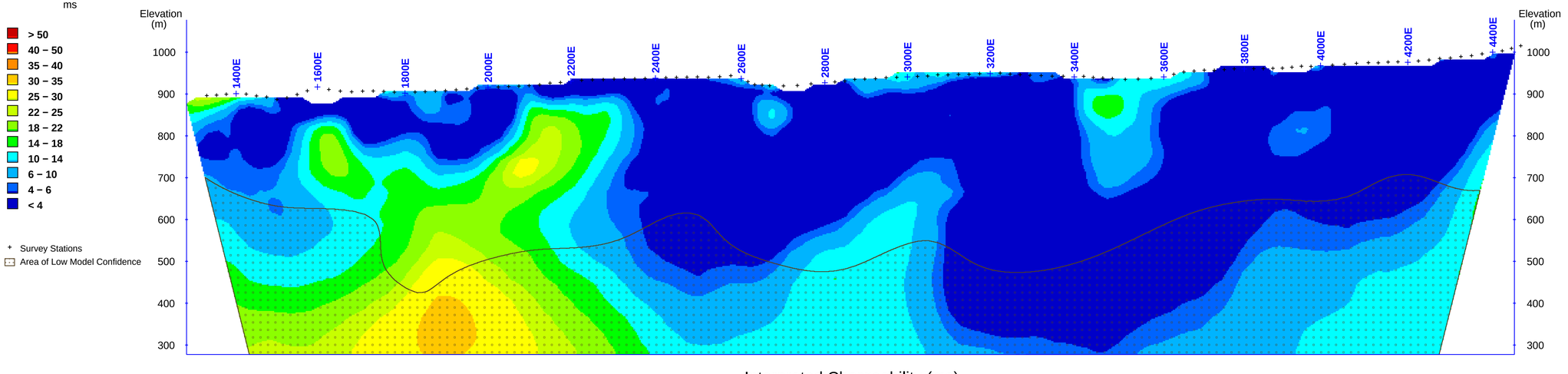
Cross Section Map

Section: 5400N

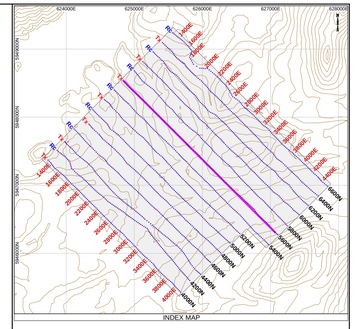
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

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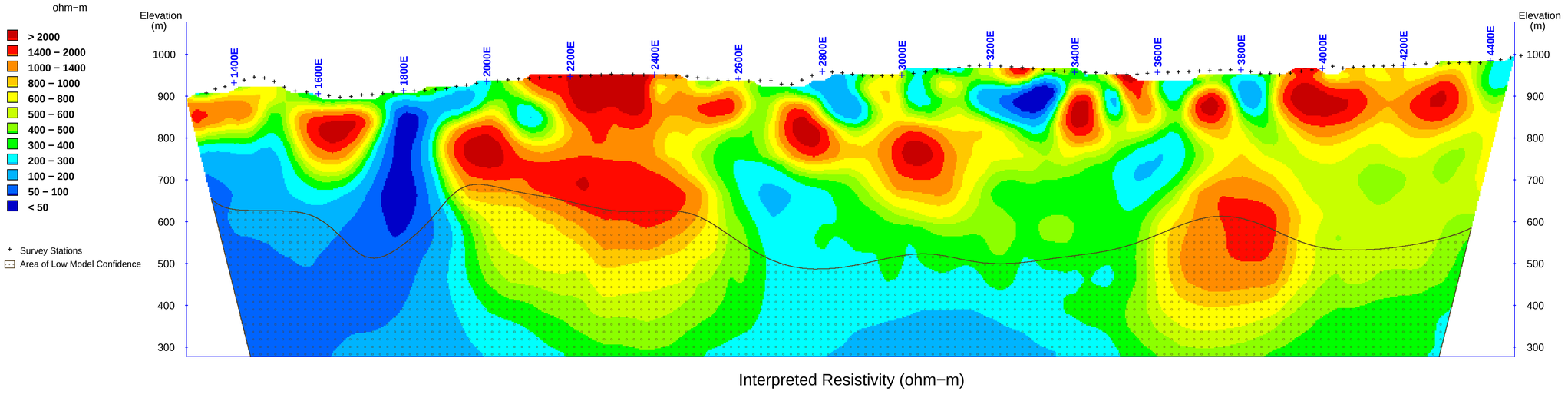
Interpreted

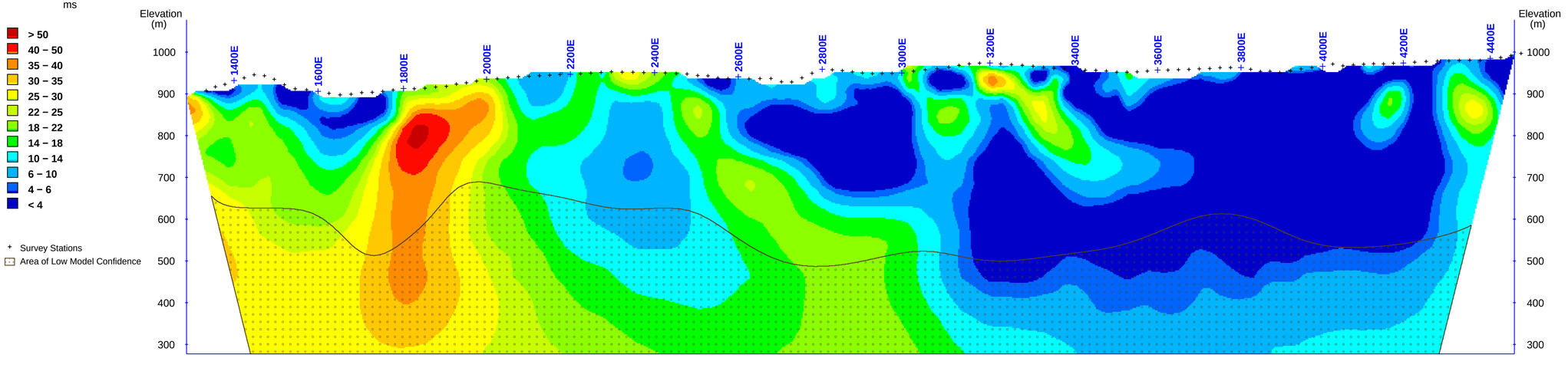
Resistivity & Chargeability

Cross Section Map

Section: 5600N



Interpreted Resistivity (ohm−m)



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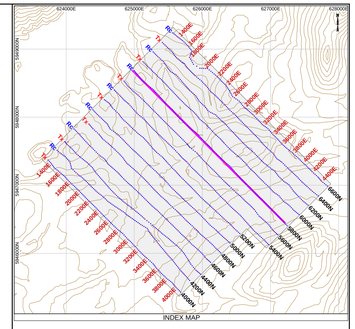

0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

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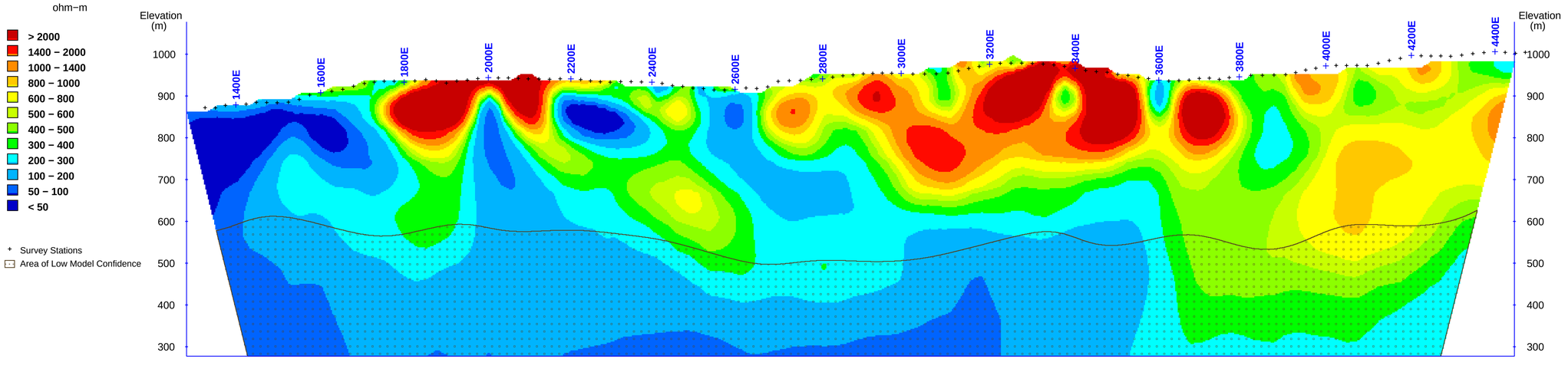
Interpreted

Resistivity & Chargeability

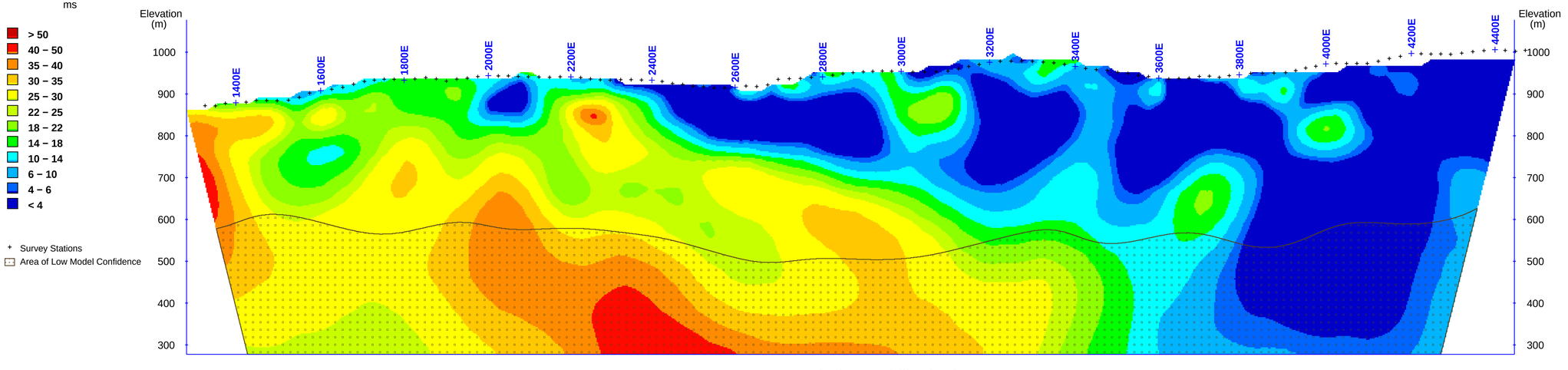
Cross Section Map

Section: 5800N

SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



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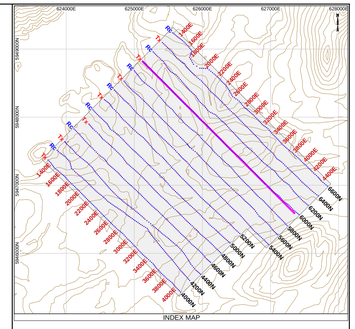

0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

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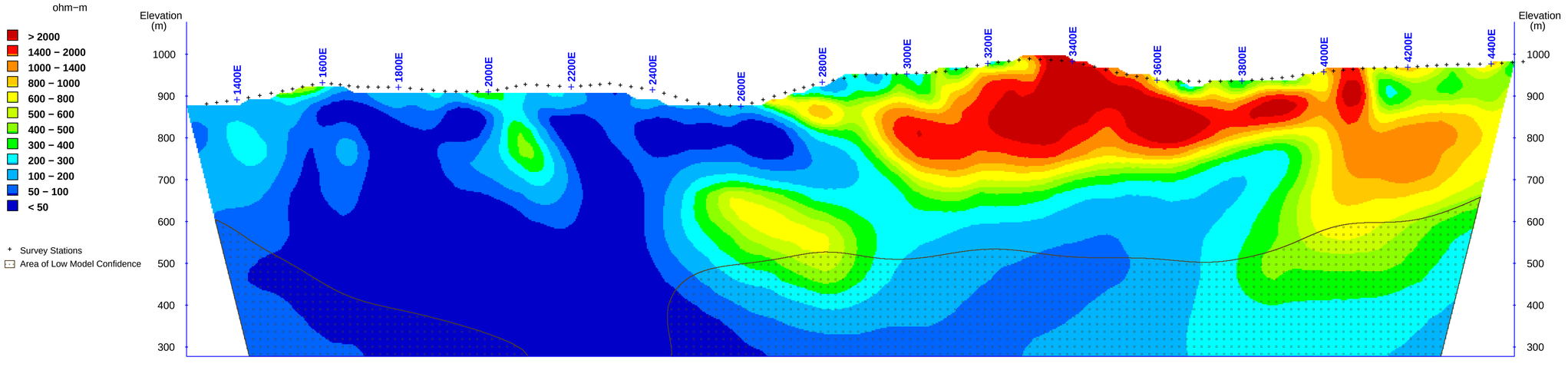
Interpreted

Resistivity & Chargeability

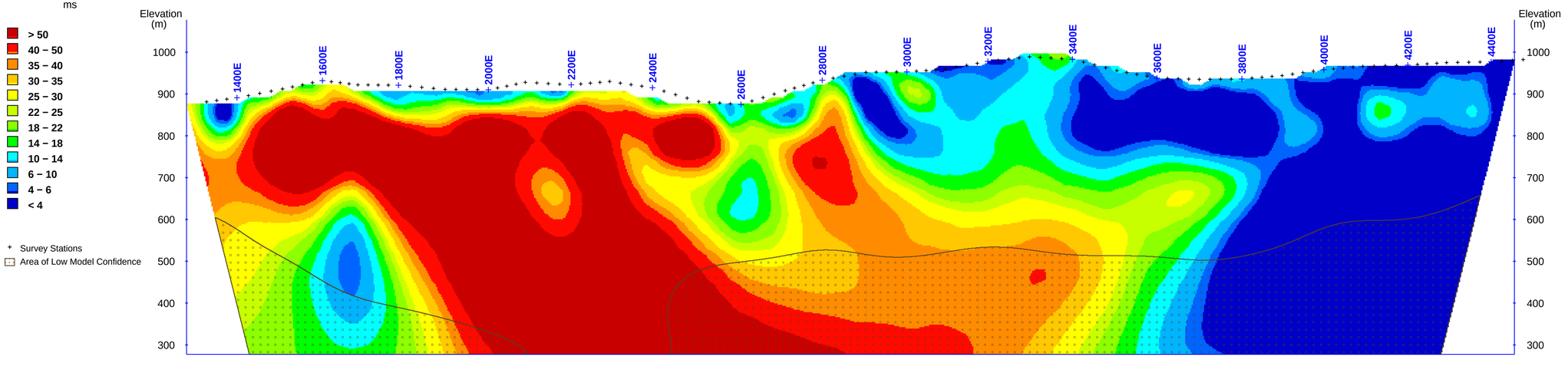
Cross Section Map

Section: 6000N

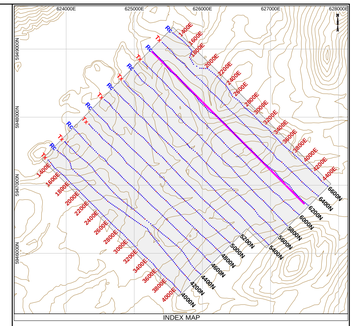
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

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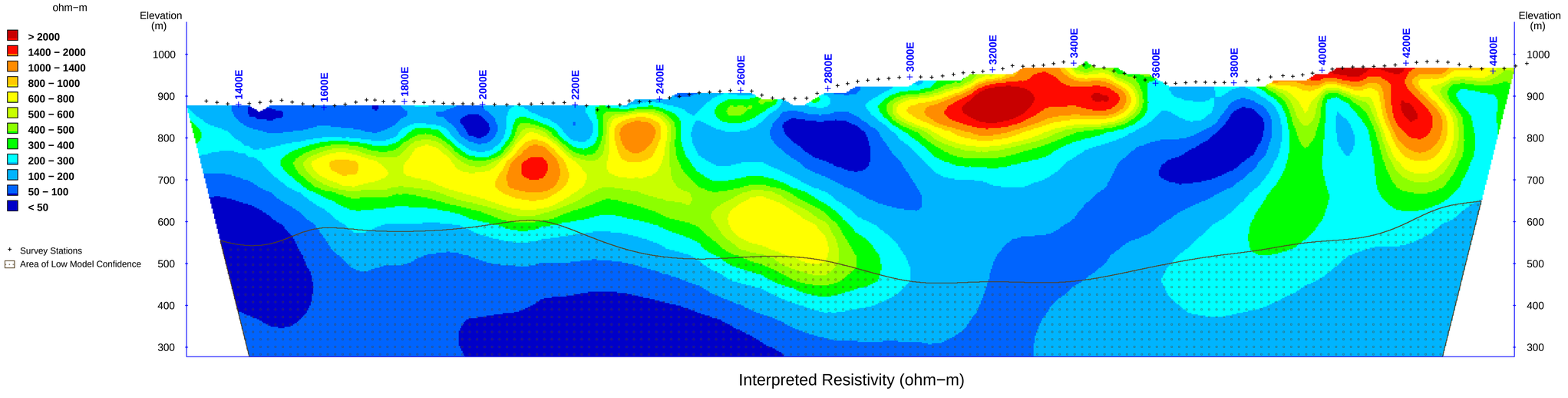
Resistivity & Chargeability

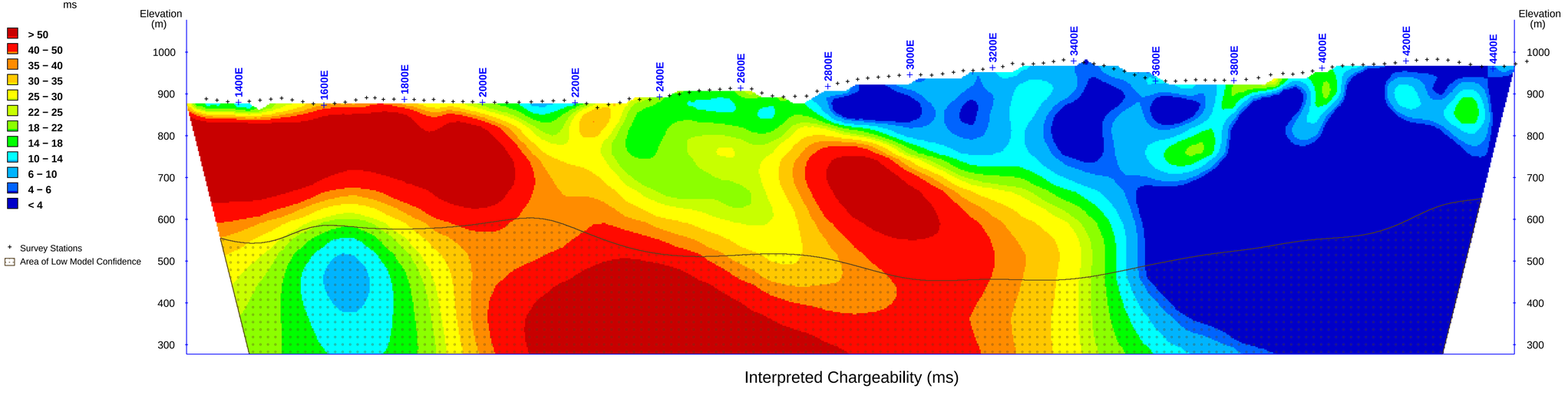
Cross Section Map

Section: 6200N

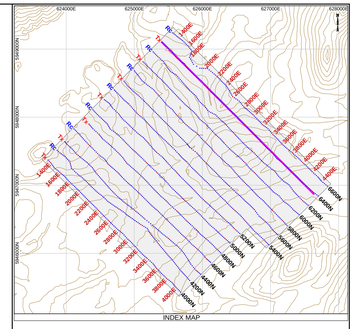
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

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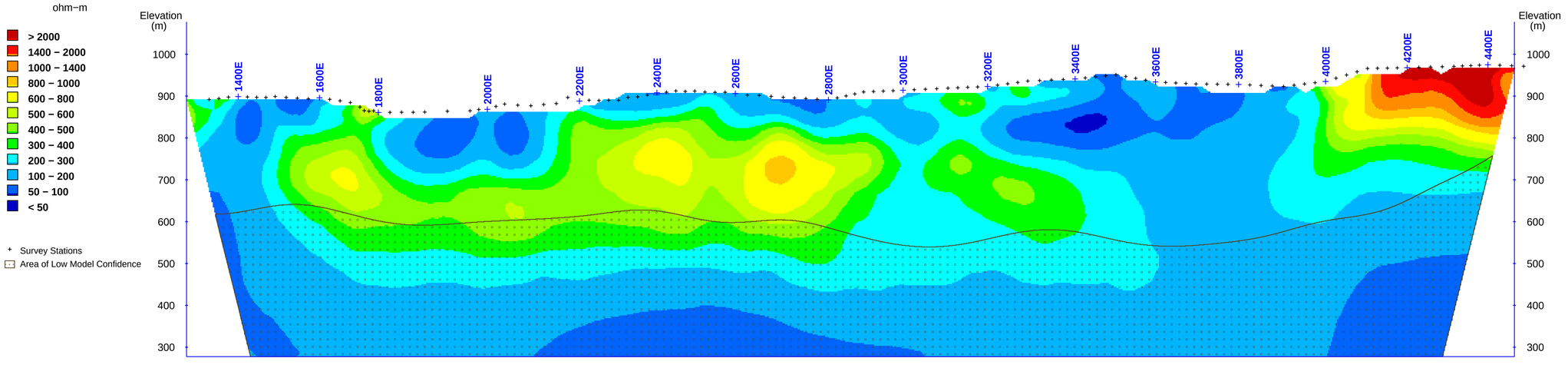
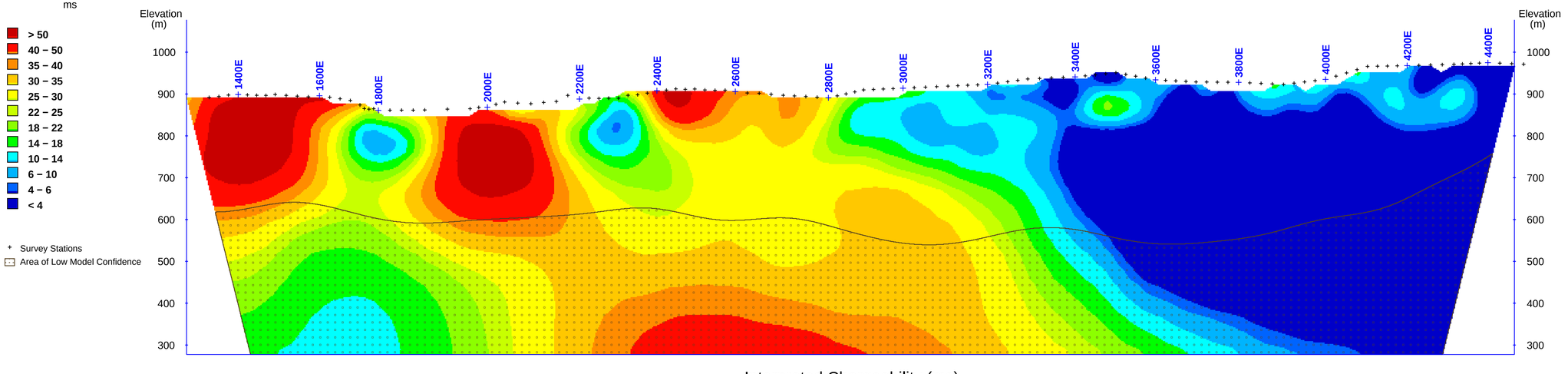
Cross Section Map

Section: 6400N

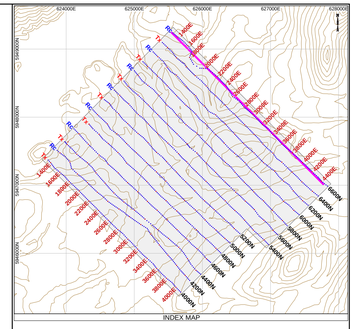
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



0 100 200 300 400 500

meters

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: July 2011

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: Walcer Tx9000
Array Type: 3D

Mapping Information:
Datum: Nad 83
Projection: UTM Zone 9 North
Mapping Date: 25−Aug−2011

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of

Interpreted

Resistivity & Chargeability

Cross Section Map

Section: 6600N

SJ Geophysics Ltd.

Appendix 3

Hole S11-81 | Azimuth | Start date
UTM E | Dip -90 | End date
UTM N | Total depth | Logged by S. Ebert
Sheet 1 of

m	Lithic log	Description		Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
30	QAL	0 - 36.8m QAL																	
	QAL	36.8m																	36.58
		Dark gray-green soft friable rock f.g. pervasive, sericite - chlorite alt	rubbly fractured oxidized	8-10	argillic		str			str.	str.	1-2				36.58	38.5	1191510	
		small feld phenos locally														38.5	40.5	1191511	39.62
40		locally magnetic	40m																
		cut by 2-10mm granular qtz veins	unox													40.5	42.5	1191512	92%
																			42.67
																42.5	44.5	1191513	95%
		44m - tan Fe-carb veins														44.5	46.5	1191514	
			46		chlor-ser			2%			wk		0.25						45.72
		Locally trace remnant biotite & 0.25% fine dissem cpy (overprinted potassic zone?)														46.5	48.5	1191515	102%
															tr.				48.77
50																48.5	50.5	1191516	

Hole S11 - 81 | Azimuth | Start date | Sheet 2 of

UTM E | Dip | End date

UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
50			10	chlor-ser	-	str ↓	2%		str ↓	wk ↓	1-2 ↓	↓						
															50.5	52.5	1191517	100
		53.4 gradational contact																51.82
	f.g. fold porphyry	Beige - light colored 50% 1-2mm fld phenos in an aphanitic matrix silicified matrix, phenos sericite alt.		sericitic			tr.		wk ↓	none	2-4 ↓	tr.-0.25 ↓			52.5	54.5	1191518	100
																		54.86
															54.5	56.5	1191519	
									none									100
					str ↕										56.5	58.5	1191520	57.91
												tr.-0.5% ↓						
60			6												58.5	60.5	1191521	103
																		60.96
															60.5	62.5	1191522	
		multidirectional veins																100
															62.5	64.5	1191523 dup 1191524	64.0
		soft sericite alt pale green groundmass sericite alt fld phenos			str. ↕							0.5 ↓			64.5	66.5	1191525	98
																		67.06
															66.5	68.5	1191526	
																		100
70			9-10												68.5	70.5	1191527	70.1

Hole S11-81 | Azimuth | Start date | Sheet 3 of
UTM E | Dip | End date
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
70			9-10		mod	str					3	0.25 to 0.5		none	70.5	72.5	1191528	103
		71 —		potassic		wk	5%											
		72.2 indistinct gradational contact																
	Cr-F-P	Variably colored coarse crowded feldspar porphyry 50-60% feld phenos, 2-8mm in size aphanitic groundmass alteration obliterates texture locally																
		74 —		sericitic		str	0								72.5	74.5	1191529	100
																		73.15
															74.5	76.5	1191530	
														5%				76.2
		77m magnetite-pl vein 76.3 —		potassic		wk	5%							tr				
															76.5	78.5	1191531	98
		soft sericite alt feld phenos & locally matrix 79.5 —													78.5	80.5	1191532	79.25
80			8	sericitic		str												
		multiple vein orientations													80.5	82.5	1191533	100
																		82.3
								none							82.5	84.5	1191534	
								5%										100
		84-85m remnant k-spar tr bio													84.5	86.5	1191535	
											2	0.25						85.34
								none							86.5	88.5	1191536	100
		88 to 88.2m 20cm breccia cemented by f.g tan Fe-carb @ 45° to c.a																88.39
										wk					88.5	90.5	1191537	
90		pinkish beige Fe-carb veinlets	4															

Hole S11-81 | Azimuth | Start date | Sheet 4 of
UTM E | Dip | End date
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
90	Gr FP	Crowded feld - porphyry, contact	4	sericitic cont		Str					2	0.25			90.5	92.5	1191538	100
		several veins @ 45° to C.A.								wk clay				2%	92.5	94.5	1191539	100
															94.5	96.5	1191540	100
		98m minor hematite in qtz vein													96.5	98.5	1191541	100
			99- 8	potassic			3% +	10% +			3	0.5% +		3%	98.5	100.5	1191542	100
100		patchy zones - bleached with sericitic alt overprinting potassic													100.5	102.5	1191543	100
															102.5	104.5	1191544	100
					Str										104.5	106.5	1191545	100
															106.5	108.5	1191546	
110		strong potassic, pink kf-spar in porphyry matrix 5% biotite finely disseminated py-ccpy + thin qtz veins strongly mineralized	3												108.5	110.5	1191547	

91.44
94.49
97.54
100.58
103.63
106.68
109.73

Hole	S11-81	Azimuth		Start date		
UTM E		Dip		End date		Sheet 5 of
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
110	Cr FP	Dark bio-k-spar alt crowded feld porphyry con't sparce veins but siliceous matrix w/ fs ccpy-py-mag, weak chl alt bio	4	Potassic	mod str	wk	5%	5-10%	wts		2	0.25		2%	110.5	112.5	1191548	100
		1191549 std con-ces-27													112.5	114.5	1191550	100
		115.3 phenos alt to sericite		Sericitic		Str	tr	tr						none	114.5	116.5	1191551 dup 1191552	
		117.3 multiple vein orientations some sub parallel to core some 40 to 70° to C.A.		Potassic		wts	5%	5-10%				0.25-0.5		2%	116.5	118.5	1191553	100
120			4												118.5	120.5	1191554	100
															118.5	122.5	1191555	
															122.5	124.5	1191556	100
		124		Sericitic		Str	0	0						none				
															124.5	126.5	1191557	
		126		Potassic		wk	S	S						1%				100
		127.4		Sericitic		Str	tr	tr						none	126.5	128.5	1191558	
		1cm qtz-py vein @ 40° to C.A.													128.5	130.5	1191559	100
130			4															

112.78

115.82

118.87

121.92

124.97

128.02

Hole S11-81 | Azimuth | Start date | Sheet 6 of
UTM E | Dip | End date
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
130		Crowded feld porphyry Cont	4		Mod						2-3	0.25 +-			130.5	132.5	1191560	131.06
		131.6		Potassic		wk	5	2						1%				
		133.1m 4cm vein w py + Fe carb + qtz @ 40° to C.A																97
		these veins occur every 1-2m to about 225m locally pinkish mineral Mn carbonate or silicate													132.5	134.5	1191561	
		134.8		Sericitic		str		None						tr.				134.11
		135.4 2cm py vein @ 30° to C.A. thin qtz vein, thin py veins common	7												134.5	136.5	1191562	103
		137		Potassic		wk	5	1							136.5	138.5	1191563	137.16
		138		Sericitic		str		None										
															138.5	140.5	1191564	100
140			4															140.2
		141.6		Potassic		wk	5	5	wk						140.5	142.5	1191565	104
		143		Sericitic		str												
															142.5	144.5	1191566	143.26
		145.0		Potassic		wk			wk						144.5	146.5	1191567	96
		146.4		Sericitic		str												146.2
		all planar sericite alt py diss + veinlets wk repl.													146.5	148.5	1191568	100
		148.9	4	Potassic		wk	2-4	tr-2				0.5			148.5	150.5	1191569	149.35
150																		

Hole S11-81 | Azimuth | Start date
UTM E | Dip | End date | Sheet 7 of
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
150	Cr FP	Crowded feldspar porphyry, con't veins @ 20° to C.A & 45° to C.A.	4	Potassic con't	mod str	wk	2-5	0-3		2-	2-3	0.5 +		1%	150.5	152.5	1191570	100
		patch sericite overprint of potassic zone													152.5	154.5	1191571	100
		from 133m to 228m sporadic veins-zones w/ pale pink hard vein fill mn silicate?													154.5	156.5	1191572 dup 1191573	
		156.4		sericitic	str	str	0	0						none	156.5	158.5	1191574	100
		vein @ 30° to C.A.	3												158.5	160.5	1191575	100
160		160.5 upper contact 40° to C.A.																
		Massive sulfide vein / zone, locally drusy, open space textures - no clasts not a breccia 20 to 90% pyrite 0.5 to 10% ccpy tr. gn 5-20% tan Fe-carb remnant fibrous amphibole (?) laths replaced by sulfide + qtz 164 Lower contact 50° to C.A. irregular	massive vein	Sulfide	wk	0	0	0	0	0	20-90%	0.5-3%		none	160.5	162	1191576	
															162	163	1191577	100
												10%			163	164	1191578	
	Cr FP	Crowded feldspar porphyry con't 50-60% feldspar phenos 2-8mm in size Silic groundmass strong alt. intermixed potassic & sericitic alt to 195.3m depth	6	mixed potassic & sericitic							2-3	0.5 ±			164	166	1191579	100
	Δ	vein 20-40° to C.A.													166	168	1191580	
	Δ	167.5 3cm Fe-carb-ccpy vein + black wedge shaped min w/ brown streak spled?													169	170	1191581	105
170	Δ		5															

152.4
155.45
158.5
161.54
164.59
167.64

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
170	Cr FP		5	mixed con't	str	str	1%	1			2-3	0.5 +-			170	172	1191582	170.69
		171.9																96
	Δ	164m to 183.5 weak breccia event		potassic	str	wk	5	5%						1%	172	174	1191583	
		Late Fe-carb-py-ccp ± sphal veins & minor in place brecciation																173.74
	Δ	-this is a weak in place fracturing cemented w/ late Fe-carb sulfide																
		174.5		sericitic	str mod		tr	0						0	174	176	1191584	100
	Δ	the crowded fsp porphyry host is mostly in place & still contains pre existing potassic + sericitic alt, early veins & ccpy.																176.78
		Some faint pinkish Mn carbonate or silicate in late veins. 1-3 late sulfide veins													176	178	1191585	
	Δ	zones per m.	12															100
		176.1 - 176.4 → 30 cm zone w/ large clasts													178	180	1191586	
180		in a sulfide matrix py-ccpy										0.25						179.83
	Δ	180.9 - 182.9 → 2m zone w/ several sulfide veins / sulfide matrix													180	182	1191587	100
																		182.88
	Δ														182	184	1191588	
	---	--- 183.5 arbitrary pick as no real brk development in most of the rock																100
	Cr FP con't	patchy potassic													184	186	1191589	
		186.9 irregular Fe-carb, qtz, ± py-ccpy ± sphal zone.																185.93
															186	188	1191590	100
		a few sparse late sulfide veins to 191m																
															188	190	1191591	188.99
190			5															

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
190	Cr FP	Crowded porphyry rock	5	Sericitic	mod	str	-	-			2%	0.25 to tr.		0	190	192	1191592	100
															192	194	1191593	100
															194	196	1191594	
		195																
		195.3	7	potassic	mod	wk	5	tr				0.25						
				Sericitic	mod	str						tr						
															196	198	1191595	100
															198	200	1191596	100
200		Veins ± pale pink mn silicate?	5								1%	tr			200	202	1191597	
		patchy remnant potassic zones																
		rare ccpy identified																
	Δ	203m from bx cemented ± qtz + pale pink MnCO3 rhodocrosite													202	204	1191598	100
		203 to 207.5 narrow brecciated zones cemented with rhodochrosite, qtz minor sulfide & locally pale green waxy clay (smectite (?)) open spaces common 5-10% of the rock brecciated																
		204.8		potassic	mod	tr	2				2	0.25		tr.	204	206	1191599	100
	Δ	206		Sericitic	mod	str					1%	0-tr		0	206	208	1191600 dup 1191601	
	Δ	little to no ccpy except in patches of remnant potassic alt or in thin late sulfide veinlets																
		208m brecciated zone ± rhodochrosite & open spaces	5												208	210	1191602	100
210	Δ	sparse Pl veinlets ± trace ccpy																

207.24

208.03

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
210	Cr F P	Crowded fsp porphy 60% fsp phens 2-8mm in size mostly sericite alt, minor remnant patches of potassic ± ccpy minor late py-ccpy veinlets/blebs throughout very weak ccpy	5	sericite	mod	str	tr	tr		0	1% -2	tr patchy	0	0	210	212	1191603	100
															212	214	1191604	213.36
															214	216	1191605	100
		216 - late sulfide veinlets + pink rhodocrosite													216	218	1191606	216.41
															218	220	1191607	100
220			6															219.46
															220	222	1191608	100
															222	224	1191609	222.50
		223.1 - 223.4 - 30cm gouge fault zone @ 40° to C.A.								patchy								
		40° clay altered below																100
		224.4		argillic	mod	str				stong		0		0	224	226	1191610	225.55
		227 pink rhodochrosite vein @ 80° to CA 5cm													226	228	1191611	95
			3															228.06
		229.1 contact 70° to C.A.													228	230	1191612	
	dike	tan dike 10% 1-7mm fsp, py blebs ser. alt felt.																
230	Fault	contact 30° to C.A. cataclasite		gouge														

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
230	Fault	Major fault - cataclasite fg to 2cm clasts in gouge, foliation 30° to C.A. (moderately steep fault) mineralized clasts + clast of pink mineral		Fault						Str	1%				230	232	1191613	90
	Δ	Breccia - dominantly Cr F porphy clasts + intervals of unbrecciated Cr F P. minor qtz or fg. porphy clasts	2	Sericitic some argillic	mod	Str	0			5% 10%	1%	tr						231.65
	Δ	233- minor ccpy hydrothermally altered matrix silic - ser - qtz ± py ± rock flour?									2	0.25			232	234	1191614	100
	Δ	some clasts 10-20 cm of potassic alt felsic porphyry (remnants or mobilizate?)									1%	tr.						234.7
	Δ	mostly very subtle brx texture													234	236	1191615	100
		237m 1cm bleb of ccpy													236	238	1191616	237.79
	Δ	locally fg felsic planar in "matrix" some intrusive brx													238	240	1191617	90
240		patches of late py-ccpy not well mineralized			Str										240	242	1191618	240.79
	Δ	late py-ccpy veinlets / matrix 1-2 per meter													242	244	1191619	100
	Δ	late pink rhodochrosite matrix / vein ± Fe-carb.	244 2	sericitic	mod					3%					244	246	1191620	247.89
	Δ														246	248	1191621 dup 1191622	100 246.89
	Δ	zone w qtz stwk ~ 248 - 254													248	250	1191623	100
250			5															249.89

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
250	Δ	Dominantly crowded F porphyry with breccia zones, clasts mostly feld porphy, some qtz clasts subtle but textural mostly hydrothermal alt matrix	4	sericite	mod	str	0	0		w/	1-2	tr			250	252	1191624	100
	Δ	rhodochrosite + Fe carb + qtz matrix + sericite alt flow? patchy thin py-ccpy veinlets													252	254	1191625	252.98
	Δ	256m 10cm patch w/ remnant potassic alt													254	256	1191626	105
															256	258	1191627	256.03
															258	260	1191628	100
260	Δ		5												260	262	1191629	259.08
	Δ														262	264	1191630	98
	Δ														264	266	1191631	262.13
															266	268	1191632	100
270	Δ		3												268	270	1191633	268.22

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
270	Δ	as above irregular late sulfide veinlets	4	sericite	mod	sfc					1-2	tr						
		brx matrix w Fe + mn carb + soft green clay smectite ?													270	272	1191634	100
	Δ	some fg qtz breccia clast + cr FP clasts hydrothermal matrix													272	274	1191635	100
		275 - 276 10cm zones with sulfides													274	276	1191636	100
															276	278	1191637	
		1191639 blanks matrix													278	280	1191638	100
280			3									tr.						
	Δ	10cm sulfide vein													280	282	1191640	
															282	284	1191641	100
		subtle brx zones w clasts in a hydrothermal matrix clast of feld porphyry + qtz veins													284	286	1191642	98
										10%					286	288	1191643	
	Δ Δ	brx patch w qtz - Fe - carb + soft light green clay matrix													288	290	1191644	100
290			2															

271.27
274.32
277.36
280.41
283.46
286.51
289.56

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
290	brx cont	Crowded feld. porphyry ± brx zones cont 95% of clasts are feld porphyry 5% of clasts are qtz hydrothermal qtz - Fe-carb - sericite matrix minor sulfides locally	3	sericitic	mod	str	0	0	0	tr	1%	0-tr		0	290	292	1191645	100
															292	294	1191646	100
															294	296	1191647	
		295.4 sulfide flooded zone → 296									5%	1%		0				
		early qtz vein cut by Fe-carb-qtz matrix & late sulfide vein									tr-1%	0-tr.			296	298	1191648	100
			3												298	300	1191649	
300															300	302	1191650	100
															302	304	1191651	100
															304	306	1191652	
															306	308	1191653	97
															308	310	1191654	103
310			3															

292.61
295.65
298.7
301.75
304.8
307.84

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
310	Δ	Con't 310.8 contact 80° to C.A.	3	Sericitic	mod	Str					1%	0-Tr			310	312	1191655	310.89
	f.g Δ	Tan to dark gray (where bio-py alt) f.g. sed or felsic dike 311.6					5				2	0.5						100
	Δ	312.6 313.6 contact at 50° to C.A intrusive									1%	0-tr			312	314	1191656	313.94
	f.g + feld porphy Δ	Mix breccia w/ f.g unit + porphyry 314 angular to subrounded clast of f.g unit + feld porphyry + vein qtz in a hydrothermal matrix													314	316	1191657	100
	Δ Δ	318													316	318	1191658	316.99
	CrFP Δ	breccia with dominantly feldspar porphyry (crowded) clasts sericite alt								0					318	320	1191659	100
320	Δ		4							5%					320	322	1191660 duplicate 1191661	320.04 95
	Δ	322 lattice texture tan Fe-carb								0					322	324	1191662	323.08
	Δ	324.3 - 327.5 remnant patch of potassic alt CrFP with strong f.g dissem ccpy		Potassic		wk	5%	2-5%		tr	2	0.5 +		2%	324	326	1191663	100
	Δ	327.5		Sericit		Str						0-tr.			326	328	1191664	326.13 90
		328.4 intrusive contact 80° to C.A.																
330		light gray hard siliceous f.g sed nonfelsed silt-mud stone to sandstone pyritic weak alt brecciated locally layering 70° to C.A bedding?	2	wk alt ser	wk	wk					1-2%				328	330	1191665	329.18

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m	Lithic log	Description		Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
330		330.6 bed contact 80° to C.A		2	wh alt ser	bed mod	wh						0		0				
		Dark gray pebbly S.S. to fg. congl rounded clast 2-8mm ave 3-4mm fg tan + marion + clear qtz clasts	331 Pyritic sed no ccpy									2-3%				330	332	1191666	110
																332	334	1191667	332.23
		334.1 bed contact 80° to C.A	334.1																105
		gray fg mud-silt ± S.S.														334	336	1191668	
		brecciated with tan Fe-carb cement									patchy								235.28
		mostly sed clasts														336	338	1191669	95
																338	340	1191670	238.33
340		some FP clast		4															95
		341.2 contact 70° to C.A														340	341.5	1191671	
	Cr FP	Crowded feldspar porphyry	341.5		Sericitic						2%								241.38
		locally brecciated w/ silic, Fe-carb, qtz matrix			Potassic		wh	5	1%			2	0.5 +		2%	341.5	342.6	1191672	
			342.6		Sericitic		Str	0	0		5%	1	tr		0	342.6	344.4	1191673	100
			344.4		Potassic		wh	5	tr			2	0.5 +		2	344.4	345	1191674	344.42
			345		Sericitic		Str	0	0		5	1	tr		0	345	347	1191675	100
								tr											
																347	348.7	1191676	347.42
			348.7		Potassic		wh	10	2%			3	1%		2	348.7	349.3	1191677	100
350			349.3	3	Sericitic		Str	0	0			1	0 tr		0	349.3	351	1191678	

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
350	Cr FP Δ	Con't	4	sericite patchy clay		Str				5-10	2	tr				351		350.52
	Δ	352.3 irregular intrusive contact @ 70°													351	352.3	1191679	100
	Late FB-P	Med gray porphyry 10% feld phenos 2-7mm in size (alt to sericite) non mineralized & only weakly sericite alt 5% fine biotite to 2-3mm non crowded late FB porphyry	0	wk sericite		wk			tr		tr							352.57 100 356.62
	Late FB-P																	100 359.66
360		this intrusive post dates the breccia & hydrothermal matrix																100 362.71
	Late FB-P																	100 365.76
		368 irregular intrusive contact @ 80° to C.A																100
	Cr FP brx Δ	Crowded feld porphyry 50-60% feld phenos 2-8mm locally brecciated w/ PE cab-ch matrix light & dark zones marking sericitic & potassic alt. 368.8	3	Sericitic	mod				0		1	tr		0	368		1191680	368.81
370	Δ			Potassic	mod		5%	tr	tr		2	0.5 to 1.0		1%		370	dup 1191681	

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m	Lithic log	Description		Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery	
370	CrFP brx	370.4 - clsts of ccpy+py to lcm in Fe-carb-gtz brx matrix	370.2	2	sericitic		str	0	0			0.5	0.25		0	370	372	1191682	100	371.86
			372.8		potassic		tr	5-10	2			2	0.5		1%	372	374	1191683	100	
																374	376	1191684		374.90
		weak to no brecciation														376	378	1191686	100	
																378	380	1191687		377.95
380			gradational contact 381	6	sericitic		str		0		1%	tr	0		0	380	382	1191688	100	381
																382	384	1191689		
			384.1		potassic		tr	10	3		0	1	0.5		1%	384	386	1191690	100	384.05
		mixed clasts fg & F Por	386		sericitic		str		0		1-3%	0.5	tr		0	386	388	1191691		387.1
		strong brecciation soft pale green clay (smectite?) in breccia matrix														388	390	1191692	100	
390				4																390.14

1191685 mafic blents

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
390	Cr F P	brecciated crowded feld porphyry	4		mod						tr-1%			0	390	392	1191693	100
		392.7																
	f.g volc. or sed	pale gray very f.g hard cherty looking rock, locally magnetic Po? Hornfelsed sed or very f.g felsic volc	0	mod	vh						2-3%	tr? 0			392	394	1191694	393.19
															394	396	1191695	100
		396.4 - 397.4 brecciated c̄ qtz - Fe carb + green clay matrix no sulfide		sericite		mod												396.24
		397.6 intrusive contact @ 50°										0			396	398	1191696	100
	Pec	Coarse quartz porphyry + coarse qtz vein 3cm crystals 15% Qtz crystals 3-6mm in a finer grained feldspar matrix. matrix strongly altered to sericite	2	sericite	mod	st				1-5%	tr				398	400	1191697	399.29
	Cr F P	398.7									1-2	tr						
400		Coarse crowded feld porphy 40-50% 2-8mm feld phenos silic matrix space qtz vein + Fe-carb green clay matrix to localized brx													400	402	1191698	100
		402.5 patchy sulfide flooding										0.25			402	404	1191699	402.4
		403.8 sulfide flood py + some ccpy		Potassic		str	5	tr	1-2%	0	2%	0.5%		1%				100
		patchy brecciation c̄ Fe carb - green clay matrix													404	406	1191700	405.4
		405		Sericite		mod			0	2%	tr 1%	tr		0				
															406	408	1191701	100
															408	410	1191702 duplicate 1191703	408.43 100
410			2															

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
410	Cr FP	cont		sericitic					0		1%	-		0	410	412	1191704	411.48
	fg sed	Gray-tan hard siliceous fg rock cut by py veinlets thin chl-ser veinlets fg sed or vole uncertain (old)	3	none ↓ sericitic ↓	mod	wk					1-2%				412	414	1191705	100
															414	416	1191706	414.53
															416	418	1191707	105
	△ △	418.4 breccia ± Fe-carb-green clay, NO sulfides																417.58
	Cr FP	Crowded fsp porphyry as above texture & color varies ± alteration very low vein density, minor ccpy seen in potassic zone tr. to no ccpy seen in sericitic zone 423m zone with chlorite zone has good potassic alt but weak sulfides, looks very low grade localized small patches of brecciation	2	potassic	mod	wk	5%	tr to 5%	5%		1%	tr to 0.25% +		1%	418	420	1191708	95
420															420	422	1191709	420.62
															422	424	1191710	100
									0									423.67
															424	426	1191711	100
															426	428	1191712	426.72
		427.5		sericitic	str.	str	0	0	0	0	1%	tr		0				100
			4												428	430	1191713	
430																		429.77

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
430	C+FP	crowded coarse feld porphyry con't	3									tr			430	432	1191714	100
		431.7		potassic	str	wk	5%	1-3%		0	1-2	0.25		1%				
		432.8m 1cm qtz-py vein @ 40° to C.A with traces of moly													432	434	1191715	432.82
		434.2		sericitic	mod str	str	0	0			1% to 2%	tr to 0		0	434	436	1191716	100
	Δ Δ																	435.86
															436	438	1191718	100
		436.5 minor brx c̄ Fe carb-qtz matrix some crustiform banded late Fe-carb & qtz, minor purple qtz + green clay late lower temp overprint	3												438	440	1191719	438.91
440		patch sulfide zones (py)													440	442	1191720	100
																		441.96
															442	444	1191721	100
															444	446	1191722	445.01
		thin clay zones													446	448	1191723	100
		very strong sericite																448.06
		stronger qtz veining	5	vein str sericite						5%	<1%				448	450	1191724	100
450																		

1191717 standard CND-CGS-27

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Reco-very
450	Cr FP	Crowded F-P con't	3	str. sericite	mod	str			0	5%	1	0			450	452	1191725	100
															452	454	1191726	95
		452.9		potassic	wk	wk	5%		5%		1-2	tr						
		454.5		sericite ± clay over print	wk	str			0	5-10	1	tr			454	456	1191727	95
		white clay along fracture surfaces & in narrow zones rock fractured w/ late clay													456	458	1191728	
		458 - 10cm gray qtz vein @ 40° to C.A. with magnetite - py										0.25			458	460	1191729 dup 1191730	100
460		460.35 10cm clay gouge zone @ 50° to C.A.	4 to 10/m												460	462	1191731	100
		457.5 to 468 strong qtz veining early gray qtz with py-ccpy some faint laminated veins													462	464	1191732	
		patches of late crustiform banded Fe-carb + qtz overprinting the early qtz veins late green clay													464	466	1191733	100
		many veins @ 60 to 80° to C.A.													466	468	1191734	100
		466.8 20cm late clay rubble gouge zone													468	470	1191735	
470		469.5m 10cm clay gouge zone @ 30° to C.A.										tr						

451.1
454.15
457.2
460.25
463.29
466.34
469.39

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UTM E		Dip		End date		Sheet 23 of
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
470	Cr FP		4	sericite + patchy clay overprint	mod	str	0	0	0	5-10 ?	1-2	tr	0	0	470	472	1191736	100
															472	474	1191737	472.44
		477.7 sheared contact @ 50° to C.A																
	QF intrusive coarse	Coarse intrusive 50% qtz to 4-5mm 50% feld as fg matrix, gray qtz veined & altered like CrFP													474	478	1191738	100
																		475.49
		476.8 to 492.8 late pyrite + black min (sphal?) + sericite + clay ± green clay in friable busted up zones, euhedral pyrite common													476	478	1191739	100
		≈ 477.5m 10cm py + black sphalerite sph. in white clay alt zone													478	480	1191740	478.54
480			3															100
															480	482	1191741	481.58
															482	484	1191742	100
		487-492 late clay - py - sphal sph zones assoc. c white + light green clay													484	486	1191743	484.63
																		100
		488.1m 10cm busted up clay zone at 60° to C.A.													486	488	1191744	487.68
		487.5m																
	CrFP	Coarse crowded feld porphyry 40-50% f. plem 2-7mm in size str. sericite alt + silic matrix cut by qtz veins													488	490	1191745	100
490			5															

Hole SII-81 | Azimuth | Start date | Sheet 24 of
UTM E | Dip | End date
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
490	Cr FP	sericite alt Cr FP patchy clay decreasing in abundance	5	Cont	mod	Str	0	0	0	5-10	1	tr	0	0	490	492	1191746	490.73
															492	494	1191747	100 493.98
		several color changes but the underlying texture is similar probably the same rock type													494	496	1191748	100
		497		Sericitic						tr					496	498	1191749	496.82
			3												498	500	A00033001 33001	100 499.87
500		1191750 Std-CCS-27													500	502	33002	95 502.92
	40°	503.7 10cm clay hrt zone @ 40° to C.A.													502	504	33003	
		thin banded veins													504	506	33004	105 505.92
	45°	507.4m 10cm clay sericite fault zone @ 15° to C.A. coarse cubic py (1-3mm) plus black crystals (sphal?) in the sericite zone white & green waxy clay sericite (?)													506	508	33005	100
		509.2													508	510	33006	509.01
510		relatively unalt Cr FP can see bio & alt phases	2	wk Sericitic		wk	5%	10%		0	1	tr		1				

Hole	S11-81	Azimuth		Start date		
UTM E		Dip		End date		Sheet 25 of
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
510	Cr FP	rock is no longer fractured no late clay veins / zone original rock texture visible this Cr FP actually contains 30-40% 2-8mm feld phenos 5-10% biotite 5% 2mm qtz crystals in an aphanitic groundmass Silica flooding & sericitic alt mask the qtz & bio only trace py - 0.25% & no ccpy 513 - 520.7 pink k-spar matrix + magnet. - tr. ccpy in qtz veinlets	0	wk potassic fairly fresh int. wk alt	none						tr	0		1%				100 512.06 100 515.11 100 518.16 100
520		520.7	0												520	522	33007	
		pale green strong sericite alt Cr F Porphy laminated to banded veins @ 85° & 60° to C.A. 524 zone 50cm w coarse feld + qtz	6	sericite		str								0	522	524	33008	521.21 100
	Coarse F+Q Cr FP	526 - 10cm brx zone cemented w silica + Fe carb Cr FP clasts 1-4cm 60° to C.A. banded qtz veins @ 90° to C.A. & 60° minor pale green clay biotite veinlets									tr				524	526	33009	524.26 100
															526	528	33010	527.30
530			3												528	530	33011	100 530.35

Hole	S11-81	Azimuth		Start date		
UTM E		Dip		End date		Sheet 26 of
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
530	Cr FP	530.4 subtle UST	2	Sericite		Str					tr	0			530	532	33012	100
		531.9 Coarse qtz + feldspar some pegmatitic qtz																
	Δ Δ Δ Δ Δ	Breccia Angular & Subrounded multilithic clasts 1cm to 10cm in size F porphyry, frag. unit, qtz clasts hydrothermal qtz - Fe-carb matrix only traces of py to 1.5% some banding low temp matrix		Silic-carb ± sericite	Str						tr - 1.5%				532	534	33013	533.4
		535.85 contact 70° to C.A.													534	536	33014	103
	Cr FP	narrow argillic envelope around brx. bleached clay alt feld 536.5 magnetic, texture largely preserved weak alt. tr. ccpy		Argillic	wh					10%								536.45
				wh potassic	wh		1-2	5	tr	0	0.25 to 1%	tr to <0.25		tr.	536	538	33015	100
		dark weakly potassic altered porphyry intrusion 40-50% 1-7mm feld 5% biotite phenos some pink K-spar matrix Silica flooded traces ccpy locally magnetic	1												538	540	33016	539.4
540															540	542	33017	100
		very weak veins (qtz) some py-ccpy on fractures													542	544	33018 dup 33019	542.45 90
															544	546	33020	545.59
															546	548	33021	97
															548	550	33022	548.64 100
550			1															

Hole S11-81	Azimuth	Start date	
UTM E	Dip	End date	Sheet 27 of
UTM N	Total depth	Logged by	

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
550	Cr FP		2	wk potassic	mod wk	wk	1-2	S			1%	tr 0.25	0	tr	550	552	33023	551.69
		thin sulfide veinlets py + ccpy													552	554	33024	100
															554	556	33025	554.74
															556	558	33026	97
		557.6		sericitic	mod	str	0	0			1%	tr		0				558.78
			1												558	560	33027	103
560		thin fractures coated with white clay, weak py along fractures tr ccpy													560	562	33028	560.83
															562	564	33029	100
		564.2 contact ~ 60° to C.A.			str													563.88
	Δ Δ Δ	Breccia multilithic clasts 1-10cm, sub angular in a silic-sericite, hydrothermal matrix matrix supported minor py-ccpy													564	566	33031	100
		565.6 contact ~ 40° to C.A.																
	Cr FP			potassic	str	wk	3%	1-2	0	0	1-2	0.25 +		tr	566	568	33032	566.93
		567.5																
	Δ Δ Δ Δ	Breccia multilithic clasts fine to 15cm subrounded matrix supported - qtz ser hydrothermal matrix 1% py + ccpy late Fe carb veins contacts ~ 40° to C.A.	3	sericitic	str	str	0	0	0	0	1	tr 0.25		0	568	570	33033	100
570	Cr FP	see below																569.98

33030 blank matrix

Hole S11-81 | Azimuth | Start date
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UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
570	Cr FP	Course crowded feld porphyry 570 50-60% feld phenos 1-8mm strongly altered alternating dark potassic & light sericitic biotite-magnetite-cpy veinlets in potassic alt zone thin pyrite stockwork locally 2cm crude laminated qtz vein @ 40° to C.A. 577m 1cm qtz vein @ 50° to C.A. w/ py-cpy & trace moly 576.3 577 m	6	potassic	mod	str	0	0	0	0	2-3	0.5 +	0	3-5 %	570	572	33034	95
															572	574	33035	573.02
															574	576	33036	100
													tr					576.07
	Δ Δ	Brx same as above brx 577.8m contacts ~60° to C.A.		Sericitic	mod	str	0	0	0	0	2-3	0.25	0	0	576	578	33037	100
	f.g. vol.c.	Tan to brown f.g. volcanic or intrusive 10-15% 1mm feld phenos rock is altered & sulfide veined similar to the surrounding rock 581.1m contact 60° to C.A.	3												578	580	33038	579.12
580															580	582	33039	100
	CrFP	minor fracture zones w/ late white clay								5%								582.17
															582	584	33040	100
	Δ Δ	Breccia in CrFP qtz + FP clasts	5															
	Cr FP														584	586	33041	585.22
										0					586	588	33042	95
		some sulfide flooded zones																588.26
		patch py veinlets + zones ± cpy													588	590	33043	92
590			6															

Hole	S11-82	Azimuth		Start date		
UTM E		Dip		End date		Sheet 29 of
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
590	Cr FP	Cr FP locally brecciated small brx zones locally (5-10% of rock)	4	phyllic	str	mod	0	0	tr	1%	1-2	0.25	0	0	590	592	33044	591.31
															592	594	33045 dup 33046	110
		minor patchy late chlorite minor re-carb or calcite qtz-sulfide matrix & veins	594.4	potassic	str	wk	5	5	2	0	1-2	0.5 +		2%	594	596	33047	596.38
		596.7 brx matrix w/ calcite + qtz & 20% py w/ 1-2% ccpy	596.2	phyllic	str	str			tr		3-4	0.5 + 0.75	0	0	596	598	33048	95
		596.4-603.8 m patch calcite-qtz veins & brx cement w/ 1-2cm sulfide clots py-ccpy													598	600	33049	105
600		599.4 5cm clay gouge zone at 25° to C.A.	4												600	602	33050	600.46
		Small patch remnant potassic alt sulfide veinlets minor qtz veinlets													602	604	33051	100
			604.7	potassic + phyllic	str	mod	2%	2	tr	0	2	0.5 0.75	0	tr	604	606	33052	603.5
															606	608	33053	606.55
															608	610	33055	95
610			3															609.6

33054
STD CDN-CGS-27

Hole S11-81	Azimuth	Start date	
UTM E	Dip	End date	Sheet 30 of
UTM N	Total depth	Logged by	

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
610	Cr FP	610.9 qtz-cal-Fe carb vein w golf ball size blebs of ccpy & py weakly brecciated but more fractured	3	phyllic	Str	Str					5%	3%	0	0	610	612	33056	100
	Cr FP ± brx	611.7 qtz Fe-carb-py-ccpy ± po brx matrix ± sphal blebs very weak brx, more of a stack.		phyllic	Str	Str	0	0	tr	0	2	0.25 ±	0	0	612	614	33057	612.65
		614.8 5cm qtz vein @ 20° to C.A w 5% py-ccpy + soft gray needles, soft. moly or stibnite													614	616	33058	100 615.7
		minor sulfide vein/zones small patches of brx - black sphalerite blebs													616	618	33059	100
620		fractured Cr FP not really a brx.	2												618	620	33060	618.74 100
		patchy dark green chlorite veinlets/zones													620	622	33061	621.7
	50° Cr FP	622.6 15cm gouge clay zone with a 0.5cm black cataclasite zone @ 50° to C.A. patches of phyllic overprint		potassic	Str	Str	5	2-3	tr	0	2	0.5		1%	622	624	33062	100
															624	626	33063	624.84
		627-628 1m zone w white clay alt feed pl													626	628	33064	100
		qtz vein 50° to C.A. & 20° to C.A.		Argillic	mod	Str			1%	5%	1-2	tr 0.25	0	0				627.89
		629.1m 1cm qtz-cal-py-crys-sphal patchy potassic vein @ 10° to C.A.		Phyllic			tr	tr		tr				tr	628	630	33065	
630			4															

Hole S11-81 | Azimuth | Start date
UTM E | Dip | End date | Sheet 31 of
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
630	CrFP cont	Py-sph-gn veinlet	4	sericitic clay shear	mod	str	0	0	tr	5%	1-2	tr 0.25	0	0	630	632	33066	630.94
		631.6m some pink non-carbonate ± pyrite at vein/matrix													632	634	33067	100
		633-34cm patchy potassic																633.98
		patchy silicic vein/vein													634	636	33068	98
		637.7													636	638	33069 dup 33070	637.02
		638-639 remnant patchy potassic		potassic	mod	wk	3%	tr	tr	0	2	0.25	0	1	638	640	33071	95
		639.8	7															
640		vein at 20° to CA		sericitic + clay zone	mod	str	0	0	tr	5%	2	tr 0.25	0	0	640	642	33072	640.08
															642	644	33073	100
																		643.13
		645 ↓ brk w/ sericitic overprint ↓ reactivated fault in place pieces mainly of clastic CrFP show calc-sil matrix	Sph.								2-4	0.25			644	646	33074	100
																		646.18
		647cm 20cm clay-gouge zone ± breccia fragments Small fault @ 60° to CA	Sph.												646	648	33075	100
		648																
		CrFP locally brecciated ± sph Py-cpy-cc + silicic (CA-cpy-sphal ± gn) matrix	Sph.												648	650	33076	649.23
650			4															

Hole	S11-81	Azimuth		Start date		Sheet 32 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
650	CrFP	Crowded Feld Porphyry w/ zones of brx mostly clast supported w/ CrFP clasts & matrix of py-ccpy-sphal - Fe carb zones of silicification	3	str sericite alt	mod	str	tr	0	tr	5%	2	0.25 +	0	0	650	652	33077	
															652	654	33078	652.23
																		97
									33079 matrix blank						654	656	33080	655.32
		656 - 1-2m zone of frag intr. or strong sil. alt not broken out													656	658	33081	100
		658.4																658.37
	CrFP	green strong sericite alt CrFP 1-2% py minor carbonate-sulf veins	3		mod	str	0	0	tr	0	1-2	tr			658	660	33082	100
660															660	662	33083	661.42
															662	664	33084	100
															664	666	33085	664.64
		666																100
	CrFP	CrFP w/ zones of brx & sulfide matrix clast supported mostly in place fragments Fe carb, py-sphal ccpy matrix			mod	str	0	0	tr	5%	2-4	0.25 +	0	0	666	668	33086	667.91
															668	670	33087	100
670			4															

Hole	S11-81	Azimuth		Start date	
UTM E		Dip		End date	
UTM N		Total depth		Logged by	

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
670		Cr FP + zones of breccia & Fe-cab + sulfide matrix	3												670	672	33088	670.51
																		100
															672	674	33089	673.61
		674.7																
	Cr FP	Cr FP less brx zones not a distinct contact													674	676	33090	100
															676	678	33091	676.6
	30°	679m small clay gouge shear at 30° to C.A	2												678	680	33092	100
680															680	682	33093	mixing block
															682	684	33094	
		684.3		potassic	str	wk	5%	2-5	tr	0	2	0.25	0	1%	684	686	33095	
	Cr FP	685.8																685.8
		686 - 690.75 minor brx		sericitic	str	str	0	0	5%		2	tr	0	0	686	688	33096	100
		Strong sericitic alt some silic Fe-cab - py - spiral tr gn. brx matrix													688	690	33097	688.85
690			2															

Hole	S11-81	Azimuth		Start date	
UTM E		Dip		End date	
UTM N		Total depth		Logged by	

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Reco-very
690	Δ Δ Cr Fp	690.75 – strong sericite all	3	sericitic	mod	str	0	0	0	5%	2	tr	0	0	690	692	33098	100
															692	694	33099	100
		Hole ends in 30cm of clay gouge + sulfides 694.5		clay											694	694.94	33100	
		694.94m EOH																
700																		

691.9

33101
SAD CDN-GS-27

Z - ≈1070

Hole	SE-11-82	Azimuth	135	Start date	July 17
UTM E	627073	Dip	-70	End date	
UTM N	5945212	Total depth		Logged by	JC

Sheet 1 of ___

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
10		↑																
20		OB ↓																
29.60 30	Cr FP ↓ highly Fr	Cr FP - Dark gray green with fine - med slag, partial replaced to less crowded fine varieties Sects alternating to coarse spotted text Generally hi - med mag with py, cp, diss + fract filled	2-3	Phyllic ↓ Ser SiO2 + CH							↓ .5 ↓ variable	.5			29.6	32.0	A00033 102	85
															32	34	103	80
															34		104	90
															36		105	95
															38		106	95

* Broken Core - 29.60 - 46.80

Hole	SE-11-82	Azimuth		Start date		Sheet 2 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by	JC	

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
40	Lightly Fractured	Cr FP. Lightly variable fine textures. Mod porphyritic minor 42	2	Phyllic							0.5	.2+ .5		W-Mod	40		A00033 107	95
		Spotty/Patchy Kspar		+ Kspar											42		108	95
															44		109	90
	Cr FP.	Bleached 48.10 – 51.45 Weak Argillic ? 47.8													46		110	95
50				Potassic							1			Mod	48		111	100
															50		112	100
		53 – noticeable diss mag + cp. Mag as veinlets, fract fills + blebs.		Strong										to Strong	52		113	100
															54		114	98
															56		115	100
60															58		116	100
			5												60		117	100
															62		118	100
															64		119	-"-
															66		120	-"-
70															68		121	-"-
															70		122	-"-
		71.95 73.10 Qtz mag Alt → bx? leaked.		SiO_2							✓	VV		Str	72		123	
	Cr FP											.2 + .5		Mi str	74		124+ Dup.	
															76		126	
															78		129	100

* A00033125 Dup of 124

A00033127 Blank.

* STD 129

Hole	SE-11-82	Azimuth		Start date	
UTM E		Dip		End date	
UTM N		Total depth		Logged by	JC

Sheet 3 of ____

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
	CrFP	#A00033128 Std CGS 27	3-5								.5	.5			80		A00033130	100
															82		131	
															84		132	
	86.50			SiO_2											86		133	
	CrFP	heavy SiO_2 Mag, partial replacement, ± Bx with Py, cp Mag as bleb, massive veinlets (mm scale) + diss to fine coatings	6-8	Cll. ± Lam?											88		134	
90	Partial distrubed + replaced														90		135	
															92		136	
															94		137	
	97.48			grnd											96		138	
				Pot. (Bio)											98		139	
100															100		140	
															102		141	
											1.0				104		142	95
															106		143	100
															108		144	95
110		heavy gouge – 111.10 – 111.40 Local SiO_2 Mag bleb – Sulfide 115.[illegible]													110		145	80
															112		146	100
											.5				114		147	
		*#33150 Dup of 149													116	118	148	
															118	120	149	Dup.

Hole SE11-82 | Azimuth | Start date | Sheet 4 of
UTM E | Dip | End date
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
120		C. FP Increase in fabric mag + veinlets Last kspar @ 121.5. *Blank A0003315 3	8% 2-3	Pot Bio + Sil + mag Weak Sericite							½ 1	½ .5		Mod ↓ to Strong	120		A0003315 1	100
															122		152	
															124		154	*Blank 153
															126		155	100
130		Standard CGS-27 # A0003315 7													128		156	*Std #157.
															130		158	
															132	134	159	
		↓ Increase kspar, as overprint alteration + fab of mag in veinlets 20-50 to CA. (fract fills)													134		160	
															136		161	
140				140.80											138		162	
		C. FP		Sericite 143.50										Wk	140	142	163	
			2	Bio Mag ↓ weak pervasive										Mod to heavy	142		164	
															144		165	
															146		166	100
150		A0003316 8 is Dup of 167													148		167	*Dup
															150		169	
															152		170	
															154	156	171	
															156		172	90
															158		173	95

Hole	SE11-82	Azimuth		Start date	
UTM E		Dip		End date	
UTM N		Total depth		Logged by	

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m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
	Cr FP	– Typical dark spotty to wavy altered. Cr F.P. Dominant mag blebs, diss, veinlets with cp disseminations	2-3	Pot (bio) Mag ↓ ± Ser (weak)							1	.5		Str (Sp. Ab)	160		A00033 174	100
															162		175	
															164		176	
															166		177	
170															168		178	
															170		179	
															172		180	
			2												174		181	
		Local 5-10% py @ 178.50 – Blebs irregular veins 5 mm scale													176		182	
180															178		183	
		* Sericite as spotty replaced feldspars, weak to mod development.													180		184	
															182		185	
		* Blank # A00033 187													184		186	
		* Std CGS-27 # A00033188													186		189	
190		* Mag veinlets ± qtz @ 45° to CA, fine mm scale 1-3.													188		190	
															190		191	
											5%				192		192	
															194		193	
		@ 198-198.10 – Rounded pebble by with fine py matrix + rock flour @ 25° to CA.													196		194	
	Δ Δ														198		195	

*RP 120

Hole	S11-82	Azimuth		Start date		Sheet 6 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
	Cr FP														200	202	A00033 196	100
		Bleached with network of veinlets + mag qtz py + cp?? 202		Ser							.5	Tr			202		197	
															204		198	
		* A00033200 dup. of A0033199.													206		199	* Dup
210		208		Bio + Mag + Silic							1	.5			208	210	201	
															210		202	
															212		203	
															214		204	
															216		205	
220		becoming patchy ser altered zones													218	220	206	
															220		207	
															222		208	
															224		209	
															226		210	
230		229.85													228	230	211	
															230		212	
				Ser							.5	Tr			232		213	
		Gradual contact from phyllic to Potassic with Lint of (Bio) K spar. 234.75		Bio											234		214	
															236		215	
															238	240	216	

Hole	S11-82	Azimuth		Start date		Sheet 7 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
	C.FP.										.5	.5			240		A00033 217	100
															242		218	
															244		219	
		* A00033221 Dup of 220.													246		220	* Dup.
		248.3		Bio														
250		part argillic. (very local).		Ser ± Argillic							1	Tr			248	250	222	
		A00033223 - Blank													250		225	* BLK + Std.
		A00033224 C65.27																
		cubes of Py @ 258.30													252		226	
		decrease of mag.													254		227	
		* fault gouge @ 257.1 small.													256		228	
		* local Bio (Sat) 260.80 - 263.60	2															
260															258	260	229	
															260		230	
															262		231	
															264		232	
															266		233	
		269.60																
270			1	Bio ft3 ± Mag							.5	.5			268	270	234	
															270		235	
		274.0													272		236	
		Weaker alt		Ser ft3 (ortho) K?							.5	Tr			274		237	
															276		238	
															278	280	239	

Hole S11-82 | Azimuth | Start date
UTM E | Dip | End date | Sheet 8 of
UTM N | Total depth | Logged by MK/JC

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
	C FP	* local meter => ½ M scale Bio & Mag alt. with concretionary cp.	1	Ser + Chl.							.5	<.5		Mod	280		A0033240	100%
															282		241	
															284		242	
															286		243	
290															288	290	244	
															290		245	
															292		246	
															294		247	
															296		248	
300		(* surface water likely from core trained by located samples only to 324m depth (DK)													298	300	249	
															300		250	
															302		251	
															304		252	
		306.1 – py vein 60 CA } 2cm wide	V												306		253	
		306.7 – py vein 30 CA }	1	SiO2							.5				308	310	254	
310		*A0033255 Dup of 254																
312		307.9 – Quartz vein 4cm wide 50 CA with py staging in the middled	1	K-Feld.											310		258	
		BLK – A0033256													312		259	
314		STD-CGS-27 A0033357													314		260	
316				SiO2 Seric.											316		261	
318		Weakly magnetic													318	320	262	
320		318 – 319.50 → Cr FP → white enclosed PG sericitized																

*Dup BLK STD

Hole SII-82 | Azimuth | Start date | Sheet 9 of
UTM E | Dip | End date
UTM N | Total depth | Logged by MK

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
320	CrFP	319.50 gradual change from chloritic → sericic. 320.1 → ccpy in vein 323.00 323.5 → magnetite vein 2cm wide py vein ∥CA, quartz vein ∦ CA (1cm wide) coarse F	1	chl sericic		1					0.5	0.1 ↓		0.1	320	322	A00033 263	100%
			1	ser.											322	324	264	
325.6		325.60 – 326.20 chloritic!													324	326	265	
	CrQFP	6 veins (1–4cm wide) intersect 20 CA hematite in clusters.		ser.											326	328	266	
330		py in discontinuous veins 20CA (1–3cm wide) equigranular; disseminated py	2	chl. SiO2	1						1	tr.		tr.	328	30	267	
															330	332	268	
															332	334	269	
		334.40 calcite?													334	336	270	
335.28		335.28 convoluted often igneous mat (PHOTO) (quartz chunk)	1	chl	2						tr							
336.3		336.30													336	338	271	
		338.53	1	ser							tr							
340		340 chloritic	1	chl											338	340	272	
	CrQFP	light colored, hematite veins @ 340 – 20CA @ 344 – 20 CA associated w/ ccpy													340	342	273	
		gradually thickens into potassic alteration	2	SiO2 ↓ potas.	2	1		↓tr.			0.5	0.1			342	344	274	
		dup of 274 ← A00 33275 – DUPL. A00 33276 – BLANK													344	346	278	
346.4		346.4													346	348	279	
	CrFP	dark green-gray color, higher magnetic magnetite/hematite veinlets, rounded phenocr A00 33277 STD-C6S-27	none	potas. ↓ chl ↓ potas.										1	348	350	280	
350															350	352	281	
		353.6													352	354	282	
		lighter - beige color quartz veins ∥ and 10 CA 2cm wide py vein ∥CA	2	ser ↓ SiO2 potas	1	1	tr	01	2 0.1		0.5	0.1		tr	354	356	283	
		358.1													356	358	284	
360		↓													358	360	285	↓

Hole	S11-82	Azimuth		Start date		Sheet 10 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by	MK	

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
360	CrFP	dark colored, rounded phenocrysts, diss. py, ccpy, Long mag vein @ 360.70 - 361.30 (2mm wide) potasic alt strong	1	potasic			0.1	1-2	0.1		3	0.5		1	360	362	286	100%
															362	364	287	
															364	366	288	
367.20		367.20													366	368	289	
370	CrFP Bx?	white angular phenoc? veins intersected (calcite?) long magnetite vein @ 374.4 (PHOTO) clasts become rounded toward bottom highly magnetic, calcite intersections - veins (10cm long!)	5	arg? potasic chlor. calcitization?	1	0.1		0.1	1	0.5?	2	0.1		1	368	370	290	
															370	372	291	
															372	374	292	
															374	376	296	
378															376	378	297	
380	CrFP	potasic alt weak and localized around Q/calc. veins chlorite alteration in intervals interchanging wt potasic lots of magnetic veins 20-30CA highly magnetic interval Q veins (1cm wide) 10-20 CA euhedral/rounded porphyroblasts traces of dissem. py, cpy mineralization in veins	2	potasic ↓ Chlor ↓ potasic (weak)	moderate		0.5	0.1	0.5		0.1	< 0.1		1-2	378	380	298	
															380	382	299	
															382	384	300	
															384	386	301	
															386	388	302	
390															388	390	303	
															390	392	304	
393.0															392	394	305	
	CrFP Bx?	Several Q veins (1cm wide) wt py+cpy 30CA @ 395.4, 396.6 396.9, 397.4, 399.3 Strongly magnetic in intervals	3	potasic bt ↓ increase	0.1		1	0.1	0.1		0.5	0.5		1-2	394	396	306	
															396	398	307	
400															398	400	308	✓

A0033293 - DUP of 292
A0033294 - BLANK
A0033295 - STD CG8-27

A00033309 - DUPL. of 308

A00033310 - BLANK
A00033311 - SDN-CG8-27

* DUPL.

Hole	S11-82	Azimuth		Start date		Sheet 11 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
400	GrFP	increasing bt potasic alt and py toward bottom → dark color intrusive coarse py on fractures @ 403.6, 403.7, 405.7 m potasic alt in patches and along Q veins	2	potasic chlorite	minor		1-2	0.2	0.1		1	0.5			400	402	312	100%
															402	404	313	
405.9															404	406	314	
407.4	GrFP	pink coarse interval intersected <1cm amph? veins ∥ and 30CA	6	potasic	min.		0.5	2-3	0.1		0.1	0.1		0.1	406	408	315	
410	GrFP	dark colored – pink and green very magnetic intervals due to magnetite veins potasic + propilitic alt. exchanging mineralized strings 30 CA bt increase toward bottom	4	potasic + chlorite interchanging	moderate		1 ↓ 2	2	1-2		0.5	0.1		1	408	410	316	
															410	412	317	
															412	414	318	
															414	416	319	
418.5															416	418	320	
420	GrFP COR	coarse grained intervals of light + dark colored intrusive; weak potasic + chlorite @ 425.5 - 425.6 → possible clay → argillic? highly magnetic and non-magnetic intervals	2-3	potasic ↓ chlorite ↓ argil? (short)	minor/mod	0.1	2	2	1	0.1	1	0.1		1	418	420	321	
															420	422	322	
															422	424	323	
															424	426	324	
426	GrFP	Light colored – coarse grained wt dissem. py/cpy; mag. veins ∥ CA		Schic. arg (strong)	mod.	0.5		0.5	0.1	0.1	1	0.5		1-2	426	428	325	*DUP
428.8															428	430	329	
430	GrFP	dark colored wt white (calcitized) porph. in intervals weakly potasic @ 437.3 - 437.4 → chloritized interval sporadic calcite veins diss. py/cpy	3	potas. (weak) chlor. (interv.) calcite	min		1	0.5-1	0.5 ↓ 1.0	0.1	1	0.1		1-2	430	432	330	
															432	434	331	
															434	436	332	
															436	438	333	
440															438	440	334	

A0033326 - dup of 33325
A0033327 - blank
A0033328 - CDN-CGS-27

Hole	S11-82	Azimuth		Start date		Sheet 12 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
440																		
441.9	GrFP														440	442	335	100%
442	GrQFP	@ 442.2 massive py convoluted in (PHOTO) hydrotermal Q fluidization and potasic alt.		potasic											442	444	336	
444				chlorite											444	446	337	
446		coarse-medium grained, weakly potasic alt. @ 448 → calcite vein → small fracture		weakly										0.5	446	448	338	
448		diss. py/cpy	2	calcite			1	1	< 0.5		1-2	0.5			448	450	339	
450		@ 453.40-453.80 → bleached zone wt py/cpy block vein 30cm (3cm)													450	452	340	
		@ 454.80 massive py (less cpy) on fracture weakly magnetic													452	454	341	
															454	456	342	
		clusters of cpy @ 457.7 (A00033344 DUPL of 343)	3-5									1%		0.1	456	458	343	
		below 451.2 → more diss. cpy																
		@ 456.0 → massive py on fracture													458	460	347	
460		10cm wide intervals of bleached FP (A00033345-BLANK A00033346-SDN-SGS-27)																
461.2	Q-P	Veins intersected (multidirectional) stockwork weakly brecciated; hydrotermal (Quartz) fluids? bleached, decolorization from beige to dark gray: hematite along veins		potasic		0.1									460	442	348	
															462	464	349	
			7	SiO_2	high		0.1	1	0.1		2	0.5		none	464	466	350	
		464.40-464.80 > 5% py diss, 463.60-463.8 CHLOR. not magnetic		sericite in intervals											466	468	351	
468.5	MnBx HM	monolithic bx with aplitic dykes @ 40cm contacts 468.70-469.0 and 475-476m → sharp contacts brecciated with py veins (10-20cm wide) on contact rounded, imbricated? clasts → conglomeratic? (PHOTO) of contacts													468	470	352	
470			4	SiO_2	high	0.1	0.1	0.5	0.1		2-3	0.5		< 0.1	470	472	353	
				sericite											472	474	354	
		weakly magnetic													474	476	355	
476.0	Mineral MnBx HM	light gray bx. wt heavy mineralization in inter. + veins coarse crystalized py 476.30-476.40; 477.40-477.7 → massive py sequence bleached	3	Sulphide	high	0.1	0.1	0.1	0.1	0.1	5-60	0.5-3		0.1	476	478	356	
480															478	480	357	

344 dupl.

Hole S11-82 | Azimuth | Start date
UTM E | Dip | End date | Sheet 13 of
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
480	MN BX	Rounded to subangular fragments (A0003361 - dup of 360; 3362 - SDN-SGS-27; 3363 - blank)	3	Sulphide	high	0.1	0.1	0.1	0.1	0.1	30	1		✓	480	482	358	100%
482.6	Msup Bx HM	silicified, bleached Matrix supported breccia wt diss. cpy + py > 5% @ 484m - cpy clusters	3.5	SiO_2	high	0.1	✓	0.5	-	-	10	1-2			482	484	359	
486.3	Q-F P	with intersects of Msup Bx @ 487.30-487.40, 488.00-488.40 ∡60CA; patches of py/cpy in Bx caught between stockwork veins; not magnetic; med grained P with dissem. cpy + py; white subang porphyroclasts (2-3mm)	3	Seric; SiO_2	moderate	0.5	0.1	0.1	0.1	-	3 1 5	1		✓	484	486	360	*361 dup
490.4	CR-QP	coarse grained; silicified, subrounded Q porp.	1	SiO_2 seric	high	1		0.1	0.1	0.1	2	0.5			486	488	364	
493.8	CR QFP	massive py veins 10+CA; not magnetic	5	SiO_2	high	0.1	-	0.2	0.1	0.1	50	1		✓	488	490	365	
		495.6													490	492	366	
		very coarse QFP; Q and interstitial feldspar, light grey													492	494	367	
500		py veins ∡50CA @ 496m and 497.5 (1-3cm wide)	2	SiO_2 CHL.	high	0.1	0.1	1	0.5	0.1	5	0.1		✓	494	496	368	
		501.5 → pervasive potassic alt wt py on contact													496	498	369	
		502.0		pot	mod	0.1	1	2	0.5	0.5	1	0.1			498	500	370	
		coarse uniform QFP rounded porphyroclasts 0.5mm	1												500	502	371	
		py in few veinlets and veins 10CA, 70CA, 11CA @ 504.68, 505.97 → massive py on fractures veins	1	Ser (strong)	mod	1-2	0.1	1	1	0.1	1	0.1			502	504	372	
															504	506	373	
				arg? (weak)						1					506	508	374	
510		510													508	510	375	
		coarse grained; not magnetic; sericite, clay?; disseminated cpy and traces of moly; Quartz veins 10CA wt py along contacts; rounded Q porphyroclasts (A0003378 - dup. of 377; A0003379 - SDN-SGS-27; A0003380 - blank)		Ser	mod	1-2	1	1	1	0.1			0.1		510	512	376	
															512	514	377	*378 dup
															514	516	381	
517.3	CR QFP FLT BX?	Fractured core (fault?) or only weathered? 518.0-518.6 → py veins	2	Ser clay	mod		1	1	0.5	0.5	10	0.5	-	-	516	518	382	80%
520															518	520	383	

Hole	S11-82	Azimuth		Start date		Sheet 14 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
520	CRQFP	blebs of py (1-3cm) irregular diss. py + cpy (much less) subrounded Q pheno probably Hy (hydrothermal matrix?) chloritized interstitial space	1-2	argil. clay? or weathered / seric. (strongly)	mod	2-3	0.5	1-2	1-2	0.5	5-10	0.5	-	-	520	522	384	80%
															522	524	385	95%
															524	526	386	
		not magnetic													526	528	387	
							0.1								528	530	388	
530									2-3						530	532	389	
		massive py @ 535.7 → blebs of py		ser											532	534	390	
		538.20-538.50 → increased diss py, cpy									0.5	0.5			534	536	391	
		544.90-545.0 - py on fracture and around													536	538	392	
		543.6-546.6 - irregular patches of py + moly																
		551.4 - py on fracture also at 555		pot							1	1-2		0.1	538		393	
540											0.5	0.5			540		394	
		Q + F porphyroclasts → rounded to subrounded	5-6												542		395	* DUP
		dispersed mag vein @ 540.9		ser							0.5	10			544		399	
							0.1						0.1		546		400	
		10cm aplitic dyke @ 560 // CA wt chilled margins and fractured core			moderate										548		401	
550															550		402	
				pot		2-3									552		403	
															554		404	
											0.5	0.5			556		405	
															558		406	
560																		

A000 33396 - DUP of 395
A000 33397 - SDN-SGS-27
A000 33398 - blank

560.50

Hole	511-82	Azimuth		Start date		Sheet 15 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
560	560.5 QFP	from 560.5 – 561.6 → aplitic dyke 50 CA above and 70 CA below; contacts sharp					0.1				5	0.5			560		407	100
		@ 562 CrQFP wt py in strings 30 CA									50 50				562		408	
		from 562.7 – 563.4 → aplitic dyke 50 CA above and below; along contact massive py (irregular) 10-20 cm wide	4-5	Seric	weak	1-2									564		409	
		564.4 – 564.8 → discontinuous strings of py at 50, 70, 30 CA									5	0.1			566		410	
											1	0.1			568		411	
570							0.5				0.1				570		412	
572.1	Bx + QFP	Weak brecciation wt IM + Csup.					0.1	0.1			0.5	0.5			572		413	* DUP
		clasts are subangular (3-20 cm large)										0.1			574		417	
		sericite present through mineral	3-4	Seric	moderate	2-3	0.5		0.1		1				576		418	
		clasts are monolithic (variable colors; dark → light)									0.1	0.5			578		419	
580							0.1				1			2%	580		420	100
582.2	Vol-grey Vol-grey	beige Vol wt white P phenocrysts for 1m gradual cont. Separated from CrQFP by short brecciation (Photo) with massive py									0.1 10	0.1 10			582		421	95
585.5		584 – 585.2 green-grey volc. 20% P phenocryst enriched	1-2								0.5	0.1			584		422	
	Bx + QFP	Similar to 572.1 – 582.2 but richer in Cpy Mn-IM-Csup.		Seric							0.5	0.1			586		423	
590		abundant py/cpy veins, veinlets, strings multidirectional + discontinuous contents/cpy increase toward bottom	4-5		moderate	2	0.5	0.1	0.2				0.1		588		424	100
															590		425	
	mineralized	cpy in patches and discontinuous veins + diss		biot.											592		426	
		weakly magnetic									2	1			594		427	
597	QFP Bx	Mineralized KFP + MnBx, weathered?	3												596		428	95
600		mainly py in massive patches/fractures									20				598		429	

A00033414 - DUP of 413
A00033415 - SDN-SGS-27
A00033416 - blank

Hole	S11-82	Azimuth		Start date	
UTM E		Dip		End date	Sheet 16 of
UTM N		Total depth		Logged by	

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
600	CRQFP	Uniform coarse, beige color. Subrounded Q pheno 20% crowded P – equigranular weakly magnetic	3-4	arg? ser?	weak	2-3		2		0.5	2 ↓ 3	0.1 ↓ 0.5			600		430	100
															602		431	↓ * dup
	605														604		435	
		mineralization associated wt magnetite + biotite few py/cpy veins ∡ 45 tca					2-3	3						1	606		436	
610															608		437	
															610		438	
												0.5			612		439	
				pot		1		3-4							614		440	
												0.1			616		441	
620											1-2	0.5			618		442	
															620		443	
					weak									1	622		444	
						1									624		445	
626.6	CRQF-P	weakly brecciated; @ 628m mag vein wt blebs of cpy+py	10					4.5				0.5			626		446	
628.47	Δ Bx? Δ Δ	PHOTO; heavily altered (potasic) angular clasts									5				628		447	
630	CRQF-P equig.	heavily potasic alt. overprinting equigranular, pink colored in intervals	1-2	pot							1-2			2	630		448	
633.6	CRQF-P bx? veins! Δ Δ	weakly brecciated; veins intersected heavily potasic altered in intervals argilitization in short intervals (10-20 cm)	6-7	pot mg arg?				increase		0.1	0.1 ↓ 1	0.1-0.5		1	632		449	
															634		450	
															636		451	* dup
640															638		455	100

A00033432 – DUP of 431
A00033433 – SDN-SGS-27
A00033434 – blank

A000 33452 – DUP of 431
A00033453 – SDN-SGS-27
A00033454 – blank

Hole	S11-82	Azimuth		Start date		Sheet 17 of
UTM E		Dip		End date		
UTM N		Total depth		Logged by		

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
640	CRQF-P bx? veins	cont 640.08-641.0m potasic alt overprinting original texture	3-4	pot	weak	1	1-2	3	/					2-3	640		456	100
															642		457	
															644		458	
646.18	CRQF-P equig.	equigranular 0.5 cm Q-pheno - subrounded - uniform consistent; 647.10-647.30 diss mag + hemat. 649.22-649.40 → network of py/cpy veins (0.5 cm wide) 3-5% py + 1% cpy on fracture at 656.5m	2-3	pot (weak)	weak	0.1	1	3	/	/	1	0.1		5	646		459	
											2-3	0.5			648		460	
650											1	0.5			650		461	
								2-3	/			↓		1-2	652		462	
											0.5	0.1			654		463	
															656		464	
656.7	F-P + Bx?	convoluted + pervasively altered; weakly brecciated enriched in py/cpy; bt on patches; sericite dispersed in intervals	5-6	phyll. potasic	weak	1-3	2-5				5	0.5		1	658		465	
658.7	CRQF-P	light gray; coarse-grained (3mm) pheno; cpy in strings	3-4	pot	weak	1	1-2	3			2	0.5	/	0.5	660		466	
660.15	F-P + Δ Bx Δ	Similar to 656.7-658.7m → convoluted + pervasively altered potasic alt. overprinting; magnetite + cpy specks periodically bt in clusters	1-2	pot	weak	1	2-3	4			2	0.5		0.1	662		467	
662.80	CRQF-P	equigranular, rounded Q pheno (2-5mm) → 50% of pheno between 667.30-667.4m → sericitized interval with 2-3 Bulpride rich rounded xenoliths (0.5-1cm)	1-2	pot ser pot	weak	1-2	2-3	2-3			2	0.5-1		0.1	664		468	
															666		469	+ DUP
669.60	QF-P Veins intersected	· elongated Q pheno (< 6mm) irregular shapes subrounded to rounded; · py/cpy dispersed in clusters and along strings + veins; potasic alt pervasive in intervals; py/cpy associated to bt + magnetite	4-5	pot ser	weak	1 ↓ 2 ↓	2-3 ↓ 1 ↓	2-3 ↓ 1 ↓			1-2 ↓	0.5 ↓		0.1	668		473	+
															670		474	
															672		475	
	Δ Δ														674		476	
															676		477	
			5-6	pot		1	2-3	2-3			1-2	0.5			678		478	
680																		

A00033470 - DUP of 470
A00033471 - SDN SGS-27
A00033472 - blank

Hole S11-82 | Azimuth | Start date
UTM E | Dip | End date | Sheet 18 of 19
UTM N | Total depth | Logged by

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
680	QF-P	Con't		pot		1	2	2-3			1	0.5		0.1	680		479	100
		More veining toward bottom													682		480	
		increased alteration overprinting													684		481	
		hematite + magnetite	8-9	ser	weak	2	1								686		482	
	Δ Δ	bt in potassic alt													688		483	
690		A00033488 - DUP of 487 A00033489 - SDN-SGS-27 A00033490 - blank		pot		1	2-3	2-3			1	0.5		0.5	690		484	
692.5	QP+Bx? sulphide	intersected wt py/cpy veins 50 tcm (0.1-10 mm wide) - PHOTO	10	pot chlorite?	weak	0.5	0.5	1-2	1-2	-	20	0.5-1		0.1	692		485	
694.94	veins intersected	coarse equigranular P. wt Q pleno 0.2-0.7 cm rounded to subrounded		ser			0.5								694		486	
Cr F	Q-P Bx?	black veinlets in all directions clustering	10-12	pot	weak	1-2	1-2	2-3			2-3	0.1			696		487	* DUP
	Δ	py/cpy diss, veins and fractures; bt + ser predominant		ser			0.5								698		491	
700	Bx Δ	· exchanging porph. + Bx intervals weak Bx		bt (pot)			3-5	1-2							700		492	
	QF-P	· clast supported; clasts (0.5-2cm) subrounded				0.5			0.5		3-4	0.5			702		493	
	Δ Δ	py/cpy dissem. in clasts + matrix (rock flour)	7-9		weak	1.0								0.1	704		494	
	Δ Δ	@ 699.80 small gauge (1cm wide) - graphite?													706		495	
		pated of py/less cpy (3cm) at 705m - PHOTO																
		locally crumbly + fragile		bt														
		bt alteration most abundant																
708.2	QF-P	equigranular, coarse, rounded Q + euhedral P pleno (ing?)	1	ser		1.0	0.1	0.5-1	-	0.1	1-2	0.5		-	708		496	
709.2	veins	alter. overprinting original texture (bt)		bt (pot)														
710	QF-P	@ 712 m + 712.5 m Q2 veins (3-5 cm wide) 20-30 tcm	5-6		mod	0.1	3-5	0.5	0.1		1	0.2		0.1	710		497	
?713	Bx Δ	and py/cpy clustering on contacts													712		498	
	Δ	714.60 + 715.10 m small gauge (graphite?) 40 tcm													714		499	
Gg	Gg	10 cm, 20 cm									3-5	0.1			716		500	
		Bx with py dissemed + veins				0.5	2-3			-					718		501	
720																		

Hole	511-82	Azimuth		Start date	
UTM E		Dip		End date	
UTM N		Total depth		Logged by	

Sheet 19 of 19

m	Lithic log	Description	Veins/m	Alt facies	Silic	Ser	Bio	K-spar	Chlor	Clay	Py	Ccpy	Moly	Mag	From	To	Sample #	Recovery
720	veins QFP bx	Con't sericite + biotite exchanging moderate - weak alteration	7-8	weak pot.		0.5	2-3	0.5	0.1	/	0.5-1	0.1		0.1	720		502	100
722	QF-P	medium-coarse QF-P; subrounded Q. pheno (1-3mm) dispersed py (1-2%) but only 0.1% cpy		pot		0.5									722		503	
		726.0-726.30m intensive sericite overprinting weak potassic;	1-2	ser	weak	1	2-3	0.5-1	0.1	0.1	1-2	0.1		0.1	724		504	
				pot		0.5									726		505	
727.20	stockwork QFP	stockwork; multidirectional veins - PHOTO @ 729.14m	>10	ser pot ccy		1-2	3	1-2	0.1		5	0.1-0.2		0.1	728		506	
731.52		729.20 - 729.50m - alt. overprinting tiny veinlets													730	731.52	507	

731.52m = EOH

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-81	36.58	38.50	1.92	1191510	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, argillic alt 1-2% py	1191510	2.8	53	<2	7.36	18	493	0.7	<5	1.82	1	13	32	491	4.45	1.44	10.3	22	1.12	1390	<1	2.57	15	0.07
S11-81	38.50	40.50	2	1191511	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, argillic alt 1-2% py	1191511	4.6	508	<2	6.83	3	96	1	<5	0.67	1	15	14	5400	6	0.82	5	19	0.48	179	3	1.93	5	0.08
S11-81	40.50	42.50	2	1191512	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, argillic alt 1-2% py	1191512	3.4	376	<2	6.71	8	87	1	<5	0.73	2	25	12	3920	6.94	0.94	5	31	0.62	418	3	0.16	6	0.07
S11-81	42.50	44.50	2	1191513	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, argillic alt 1-2% py	1191513	3.9	462	<2	5.48	8	71	0.9	<5	2.54	<1	16	13	4150	5.7	0.8	6.8	26	1.21	298	4	0.03	5	0.06
S11-81	44.50	46.50	2	1191514	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, argillic alt 1-2% py	1191514	4.6	506	<2	6.5	3	69	1	<5	1.93	<1	18	16	4620	6.18	0.79	5.5	25	1.07	227	3	0.2	5	0.06
S11-81	46.50	48.50	2	1191515	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, chlor-serc alt 1-2% py, 0.25% ccpy	1191515	4.9	481	<2	6.56	<3	170	1.1	<5	0.77	<1	27	14	4320	6.15	0.9	3.3	17	0.49	84	5	2.04	4	0.04
S11-81	48.50	50.50	2	1191516	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, chlor-serc alt 1-2% py, 0.25% ccpy	1191516	4.7	687	2	6.9	3	151	1.2	<5	0.83	<1	17	14	5410	7.11	0.83	3.8	26	0.59	87	4	1.51	5	0.07
S11-81	50.50	52.50	2	1191517	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, chlor-serc alt 1-2% py, 0.25% ccpy	1191517	4.3	744	2	6.7	<3	106	1	<5	1.03	<1	18	14	5040	6.24	0.83	3.7	24	0.66	88	5	1.27	5	0.06
S11-81	52.50	54.50	2	1191518	Seel	SGS	2011	Dark f.g. porphyry small feld phenos, chlor-serc alt 1-2% py, 0.25% ccpy	1191518	5.6	416	<2	6.21	<3	149	0.7	<5	1.92	<1	18	11	3980	5.16	1.17	4.8	21	0.87	243	4	0.72	4	0.06
S11-81	54.50	56.50	2	1191519	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.25% ccpy	1191519	4.4	641	<2	6.5	<3	160	1	<5	1.21	1	25	10	5380	7.76	1.25	5.4	23	0.75	583	2	0.04	9	0.06
S11-81	56.50	58.50	2	1191520	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.25% ccpy	1191520	4.8	252	<2	5.8	8	216	0.7	<5	1.8	2	27	9	3410	7.39	1.7	5.9	22	0.86	338	3	0.04	7	0.06
S11-81	58.50	60.50	2	1191521	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.25% ccpy	1191521	5	301	<2	5.44	8	219	0.7	<5	2.14	2	26	14	3400	6.58	1.69	5.1	15	0.98	370	6	0.04	7	0.06
S11-81	60.50	62.50	2	1191522	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.5% ccpy	1191522	5	529	2	6.71	<3	144	0.8	<5	2.32	<1	15	16	4700	4.53	1.1	4.7	22	0.98	214	4	0.27	6	0.06
S11-81	62.50	64.50	2	1191523	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.5% ccpy	1191523	2.2	413	<2	6.99	4	132	0.8	<5	1.75	<1	13	16	3010	4.16	0.88	4.8	22	0.81	223	6	0.75	4	0.03
S11-81	62.50	64.50	2	1191524				Duplicate of 1191523	1191524	2.1	432	<2	6.57	<3	128	0.9	<5	1.65	<1	15	15	3280	4.15	0.95	4.5	19	0.78	205	7	0.85	4	0.04
S11-81	64.50	66.50	2	1191525	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.5% ccpy	1191525	4.4	464	<2	6.93	<3	124	0.8	<5	2.58	<1	15	17	4280	5.69	0.88	5.2	33	1.17	429	2	0.25	5	0.05
S11-81	66.50	68.50	2	1191526	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.5% ccpy	1191526	5.1	692	3	5.61	8	156	0.8	<5	1.93	<1	9	14	6240	7.54	1.32	3.8	16	1.16	575	5	0.05	5	0.04
S11-81	68.50	70.50	2	1191527	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.5% ccpy	1191527	4.7	599	2	5.65	25	109	0.7	<5	2.07	<1	23	16	5120	5.8	1.15	6.7	17	1.05	604	9	0.04	6	0.06
S11-81	70.50	72.50	2	1191528	Seel	SGS	2011	Beige f.g. feld porphyry,sericite alt, veins, tr-0.5% ccpy	1191528	4.6	552	<2	6.34	5	183	0.9	<5	1.46	<1	15	16	4400	5.93	0.98	5.2	13	0.69	230	7	1.48	5	0.08
S11-81	72.50	74.50	2	1191529	Seel	SGS	2011	Coarse crowded porphyry potassic alt 0.25 to 0.5% ccpy	1191529	4.8	468	<2	6.24	29	267	0.7	<5	2.08	<1	20	14	4610	5.29	1.21	4.7	14	0.96	218	4	1.18	4	0.06
S11-81	74.50	76.50	2	1191530	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25 to 0.5% ccpy	1191530	4.9	499	<2	6.69	21	289	0.8	<5	2.28	<1	19	14	4430	5.28	1.36	5.4	21	1.16	319	5	0.13	5	0.07
S11-81	76.50	78.50	2	1191531	Seel	SGS	2011	Coarse crowded porphyry potassic alt 0.25 to 0.5% ccpy	1191531	5.1	377	<2	6.17	44	815	0.8	<5	1.6	8	13	17	3410	5.71	1.54	4.8	10	0.72	294	7	1.1	3	0.06
S11-81	78.50	80.50	2	1191532	Seel	SGS	2011	Coarse crowded porphyry potassic alt 0.25 to 0.5% ccpy	1191532	4.7	595	<2	6.42	18	230	1	<5	1.56	<1	16	16	5150	6.5	1.45	4.6	16	0.96	500	8	0.32	7	0.07
S11-81	80.50	82.50	2	1191533	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25 ccpy	1191533	4.9	522	<2	6.17	28	68	0.7	<5	1.74	<1	13	15	3970	6.36	0.81	4.4	23	0.98	333	6	0.02	5	0.07
S11-81	82.50	84.50	2	1191534	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25 to 0.5% ccpy	1191534	5.1	562	<2	6.53	6	70	0.6	<5	2.45	<1	15	15	4590	5.29	0.87	5.2	21	0.99	392	5	0.02	4	0.08
S11-81	84.50	86.50	2	1191535	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25 to 0.5% ccpy	1191535	5	473	<2	6.61	5	66	0.6	<5	2.99	<1	16	16	4260	5.41	0.92	5.3	21	1.21	470	8	0.02	5	0.07
S11-81	86.50	88.50	2	1191536	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25 to 0.5% ccpy	1191536	4.8	489	<2	6.67	27	37	0.6	<5	1.7	<1	20	18	3940	6.77	0.67	6.9	29	0.98	921	5	0.02	6	0.09
S11-81	88.50	90.50	2	1191537	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25 to 0.5% ccpy	1191537	4.4	357	<2	7.53	22	28	0.6	<5	1.12	1	18	17	3160	5.19	0.23	7.4	37	0.52	624	3	<0.01	7	0.11
S11-81	90.50	92.50	2	1191538	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25% ccpy	1191538	5	277	<2	7.02	6	35	0.7	<5	2.65	1	12	16	2460	6.43	0.39	7.5	28	1.16	725	3	<0.01	5	0.1
S11-81	92.50	94.50	2	1191539	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25% ccpy	1191539	4.6	395	<2	6.39	16	111	0.6	<5	2.35	<1	13	16	3940	4.84	1.16	6.6	22	1.07	593	10	0.01	5	0.09
S11-81	94.50	96.50	2	1191540	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25% ccpy	1191540	4.9	444	<2	7.19	37	38	0.6	<5	0.8	<1	14	16	3620	3.91	0.59	6.9	36	0.43	282	4	<0.01	7	0.11
S11-81	96.50	98.50	2	1191541	Seel	SGS	2011	Coarse crowded porphyry phyllic alt alt 0.25% ccpy	1191541	4.4	266	<2	6.36	29	111	0.7	<5	2.8	<1	13	15	2860	4.61	0.6	8.1	33	1.09	317	8	0.02	5	0.09
S11-81	98.50	100.50	2	1191542	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191542	5.3	333	<2	6.64	14	1200	0.8	<5	2.09	<1	14	20	2690	5.48	1.7	8.2	14	0.76	319	9	1.12	5	0.09
S11-81	100.50	102.50	2	1191543	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191543	4.9	290	<2	6.97	<3	866	0.7	<5	2.62	<1	14	16	3080	4.36	1.96	8.3	12	1.02	196	12	1.9	6	0.09
S11-81	102.50	104.50	2	1191544	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191544	5.2	512	<2	6.36	<3	905	0.6	<5	2.06	<1	10	20	4130	5.41	2.18	8	13	0.99	226	17	1.78	6	0.08
S11-81	104.50	106.50	2	1191545	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191545	5.1	272	<2	6.63	15	596	0.7	<5	1.89	<1	31	17	2010	6.29	1.8	7.9	12	0.97	664	12	1.31	6	0.09
S11-81	106.50	108.50	2	1191546	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191546	4.6	274	<2	6.44	21	532	0.7	<5	1.76	<1	28	17	1450	6.88	2.02	9.2	12	0.87	425	6	1.45	6	0.09
S11-81	108.50	110.50	2	1191547	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191547	4.7	196	<2	7.58	<3	942	0.8	<5	2.37	<1	12	18	1790	5.06	2.11	8.4	15	1.03	211	4	2.36	5	0.1
S11-81	110.50	112.50	2	1191548	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191548	4.8	264	<2	7.38	<3	790	0.8	<5	2.47	<1	9	18	2530	5.12	1.95	8.2	19	1.05	162	4	2.26	6	0.1
S11-81				1191549				Standard CDN-CGS-27	1191549	0.069	414	2	7.94	61	634	1.2	<5	0.44	<1	20	61	3920	4.61	5.1	19.5	12	1.1	405	129	1.51	37	0.12
S11-81	112.50	114.50	2	1191550	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191550	4.9	295	<2	7.22	<3	889	0.7	<5	2.1	<1	12	22	3010	5.81	2.24	9.2	17	1.14	177	29	2.29	6	0.09
S11-81	114.50	116.50	2	1191551	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, 0.5% ccpy +	1191551	2.3	154	<2	7.3	8	819	0.8	<5	2.07	<1	22	19	926	5.21	2.2	11.1	15	0.98	489	12	1.63	5	0.1
S11-81	114.50	116.50	2	1191552				Duplicate of 1191551	1191552	2.2	121	<2	7.33	9	840	0.8	<5	2	<1	21	17	906	5.27	2.34	11.8	15	0.94	520	13	1.58	5	0.1
S11-81	116.50	118.50	2	1191553	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, 0.5% ccpy +	1191553	4.7	247	<2	7.02	9	691	0.7	<5	2	<1	29	20	2060	5.23	2.27	10.8	14	1.04	488	11	1.87	6	0.09
S11-81	118.50	120.50	2	1191554	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191554	5	115	<2	7.01	5	766	0.8	<5	1.86	<1	17	20	1120	5.3	2.04	7.8	18	1.04	324	6	2.24	5	0.09
S11-81	120.50	122.50	2	1191555	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191555	5.1	300	<2	6.66	5	971	0.7	<5	1.73	<1	19	21	2240	5.17	2.5	8.8	15	0.99	193	10	2.19	5	0.13
S11-81	122.50	124.50	2	1191556	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191556	4.6	197	<2	4.97	7	842	0.6	<5	1.57	<1	24	18	1010	4.29	1.81	8.9	13	0.77	374	17	1.3	6	0.06
S11-81	124.50	126.50	2	1191557	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191557	5.4	118	<2	6.29	26	493	0.8	<5	2.24	<1	87	21	721	5.64	2.12	10.8	13	0.92	891	9	0.88	6	0.08
S11-81	126.50	128.50	2	1191558	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191558	5.2	157	<2	6.79	10	825	0.8	<5	2.18	<1	27	18	1360	4.91	2.07	12.8	14	0.94	610	22	1.13	5	0.09
S11-81	128.50	130.50	2	1191559	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191559	5.7	129	<2	6.59	37	439	0.8	<5	2.01	<1	134	19	1500	6.19	1.99	11.3	13	0.92	476	12	1.37	6	0.08
S11-81	130.50	132.50	2	1191560	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191560	5	189	<2	7.02	25	659	0.8	<5	2.33	<1	83	18	1250	5.44	2.07	21.6	17	1.17	775	6	1.26	5	0.09
S11-81	132.50	134.50	2	1191561	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191561	4.8	260	<2	5.86	39	402	0.7	<5	1.86	1	108	18	1650	6.33	1.86	15.5	19	0.94	720	5	1.32	7	0.07
S11-81	134.50	136.50	2	1191562	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191562	5	146	<2	6.5	46	174	1	<5	2.3	<1	85	16	849	6.26	2.03	30.5	15	0.95	980	8	1.03	7	0.09
S11-81	136.50	138.50	2	1191563	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191563	5.2	200	<2	7.39	12	658	1.2	<5	2.35	<1	28	17	<0.5	5.38	2.04	22	13	0.96	868	25	1.75	5	0.09
S11-81	138.50	140.50	2	1191564	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191564	4.9	56	<2	5.32	88	72	0.8	<5	2.37	<1	255	13	100	8.24	2.31	29	12	0.96	1950	11	0.04	9	0.07
S11-81	140.50	142.50	2	1191565	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191565	5.5	107	<2	7.27	13	838	0.9	<5	2.42	<1	28	17	746	5.39	2.41	22.5	16	1.04	1040	6	1.43	5	0.09
S11-81	142.50	144.50	2	1191566	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191566	5	77	<2	6.97	27	264	0.9	<5	2.56	<1	38	17	427	5.04	2.21	35.3	15	0.95	516	8	1.66	6	0.09
S11-81	144.50	146.50	2	1191567	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191567	4.5	180	<2	6.88	10	941	0.9	<5	2.17	<1	24	17	1420	4.36	2.08	18.5	14	0.96	510	7	1.94	5	0.09
S11-81	146.50	148.50	2	1191568	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191568	5	106	<2	6.24	41	167	0.9	<5	2.1	<1	70	16	553	5.53	1.89	28.3	13	0.83	1030	14	1.04	7	0.06
S11-81	148.50	150.50	2	1191569	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25-0.5% ccpy +	1191569	4.9	244	5	6.77	15	591	0.8	<5	2.19	<1	21	16	3010	3.98	1.78	19.7	17	0.88	759	13	1.47	6	0.07
S11-81	150.50	152.50	2	1191570	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191570	5.1	454	8	5.93	29	204	0.7	<5	1.78	<1	29	14	4640	5.27	1.97	18	16	0.88	719	5	1.05	8	0.06
S11-81	152.50	154.50	2	1191571	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191571	5	387	4	7.09	6	885	0.9	<5	2.15	<1	11	15	4710	3.92	2.07	9	14	1	281	7	2.32	5	0.08
S11-81	154.50	156.50	2	1191572	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191572	2.3	499	8	7.19	13	542	0.9	<5	2.28	1	19	16	5630	3.92	1.55	16.7	20	1.15	513	8	1.86	7	0.09
S11-81	154.50	156.50	2	1191573	Seel	SGS	2011	Duplicate of 1191572	1191573	2.5	465	7	6.52	12	513	0.8	<5	2.13	1	18	16	5220	3.47	1.47	13.4	19	1.07	485	10	1.72	6	0.08
S11-81	156.50	158.50	2	1191574	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191574	5.1	275	5	6.43	22	391	0.8	<5	2.32	<1	34	16	3600	4.49	1.55	17.2	14	0.94	704	16	1.16	7	0.08
S11-81	158.50	160.50	2	1191575	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.25-0.5% ccpy +	1191575	5.7	118	<2	5.67	158	96	0.7	<5	1.38	<1	69	13	1620	9.04	1.79	41.6	15	0.81	1470	23	0.03	10	0.05
S11-81	160.50	162.00	1.5	1191576	Seel	SGS	2011	Massive sulfide vein with tan Fe-carb py and ccpy	1191576	4.8	493	30.8	0.19	1410	<1	<0.5	27	1.06	9	220	7	8500	>15	0.06	3.6	1	1.13	>10000	<1	<0.01	130	<0.01
S11-81	162.00	163.00	1	1191577	Seel	SGS	2011	Massive sulfide vein with tan Fe-carb py and ccpy	1191577	3.3	554	43	0.04	1490	49	<0.5	13	1.12	11	241	7	13800	>15	<0.01	3.8	1	0.87	6690	<1	<0.01	146	<0.01
S11-81	163.00	164.00	1	1191578	Seel	SGS	2011	Massive sulfide vein with tan Fe-carb py and ccpy	1191578	2.9	86	223	0.17	427	4	<0.5	62	4.62	48	82	5	85600	>15	0.07	2	<1	3.34	>10000	<1	<0.01	91	<0.01
S11-81	164.00	166.00	2	1191579	Seel	SGS	2011	Coarse crowded porphyry mixed potassic and phyllict alt, 0.5% ccpy +	1191579	5.2	144	8	6.75	74	234	0.9	<5	1.73	2	9	13	3900	6.67	2.67	65	12	0.98	2700	58	0.04	8	0.08
S11-81	166.00	168.00	2	1191580	Seel	SGS	2011	Coarse crowded porphyry mixed potassic and phyllict alt, 0.5% ccpy +	1191580	5.2	196	10	5.89	1270	176	0.8	<5	2.18	2	30	12	3940	6.31	2.55	26.3	8	0.99	3770	21	0.03	12	0.08
S11-81	168.00	170.00	2	1191581	Seel	SGS	2011	Coarse crowded porphyry mixed potassic and phyllict alt, 0.5% ccpy +	1191581	5.3	148	7	6.37	31	500	1	<5	1.92	1	14	14	3400	5.21	2	21.1	14	0.86	1110	4	0.4	9	0.08
S11-81	170.00	172.00	2	1191582	Seel	SGS	2011	Coarse crowded porphyry mixed potassic and phyllict alt, 0.5% ccpy +	1191582	4.9	335	4	6.82	120	257	0.9	<5	2.2	<1	14	14	3740	6.13	1.85	20.6	16	0.96	692	6	1.3	6	0.09
S11-81	172.00	174.00	2	1191583	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.5% ccpy +	1191583	4.9	216	<2	6.63	13	294	0.8	<5	2.1	<1	10	14	1970	6.18	1.76	12.8	13	0.97	338	24	1.99	5	0.08
S11-81	174.00	176.00	2	1191584	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.5% ccpy +	1191584	4.8	215	6	6.94	45	443	1	<5	1.57	1	6	17	3350	6.3	1.75	22.4	17	0.94	1720	9	0.75	16	0.1
S11-81	176.00	178.00	2	1191585	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.5% ccpy +	1191585	5.2	28	4	5.21	70	102	0.7	24	0.55	3	15	11	1770	12.1	1.84	16.4	12	0.64	2790	6	0.03	155	0.08
S11-81	178.00	180.00	2	1191586	Seel	SGS	2011	Coarse crowded porphyry phyllic alt,0.5% ccpy +	1191586	4.8	35	2	6.09	120	432	0.9	<5	1.32	3	5	15	1160	6.66	2.14	19.4	13	0.88	2860	6	0.04	91	0.09
S11-81	180.00	182.00	2	1191587	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, 0.25% ccpy	1191587	5.2	43	3	6.04	52	182	0.8	<5	1.38	1	8	12	1720	8.03	1.67	23.4	25	1.01	2520	10	0.04	97	0.07
S11-81	182.00	184.00	2	1191588	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, 0.25% ccpy	1191588	5	22	<2	6.48	74	385	0.9	<5	1.92	3	5	13	808	5.49	1.98	21.5	23	0.92	2610	16	0.05	71	0.08
S11-81	184.00	186.00	2	1191589	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, 0.25% ccpy	1191589	4.8	11	<2	7.21	68	590	1.2	<5	2.69	2	3	14	400	4.31	2.23	24.7	26	1.03	3250	13	0.05	25	0.1
S11-81	186.00	188.00	2	1191590	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, 0.25% ccpy	1191590	4.9	26	<2	6.71	87	482	1	<5	3.02	2	2	12	520	3.19	1.93	17.1	28	0.97	3110	10	0.05	13	0.09
S11-81	188.00	190.00	2	1191591	Seel	SGS	2011	Coarse crowded

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-81	196.00	198.00	2	1191595	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. To 0.25% ccpy	1191595	4.8	18	<2	6.73	11	486	0.9	<5	1.82	1	3	14	657	3.97	1.53	15.8	25	0.96	1790	23	0.72	30	0.09
S11-81	198.00	200.00	2	1191596	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. To 0.25% ccpy	1191596	5	20	<2	5.97	11	591	1	<5	3.44	<1	1	10	173	2.88	1.98	20.9	20	1.08	2960	10	0.06	9	0.1
S11-81	200.00	202.00	2	1191597	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. To 0.25% ccpy	1191597	4.8	96	3	6.73	8	424	0.9	<5	2.72	<1	3	14	2020	4.02	1.4	19.7	24	1.06	2020	12	0.44	11	0.09
S11-81	202.00	204.00	2	1191598	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. To 0.25% ccpy	1191598	5	127	<2	6.48	8	530	0.9	<5	3.24	1	3	13	713	4.19	1.6	18.7	31	1.09	2560	12	0.17	19	0.08
S11-81	204.00	206.00	2	1191599	Seel	SGS	2011	Coarse crowded porphyry potassic alt, 0.25% ccpy	1191599	4.5	29	<2	2.91	4	341	0.7	<5	1.03	1	2	10	569	1.43	0.81	10.5	9	0.43	837	4	0.09	11	0.05
S11-81	206.00	208.00	2	1191600	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191600	2.2	37	<2	6.6	7	541	1	<5	2.41	1	3	16	910	3.56	1.76	24.5	20	0.98	1880	6	0.2	17	0.09
S11-81	206.00	208.00	2	1191601	Seel	SGS	2011	Duplicate of 1191600	1191601	2.2	29	2	5.28	6	544	0.9	<5	1.86	1	3	14	993	3.16	1.44	19.7	19	0.77	1490	7	0.21	19	0.08
S11-81	208.00	210.00	2	1191602	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191602	5.5	50	2	6.39	7	482	0.9	<5	3.21	1	3	12	1280	4.01	1.67	18.2	20	1.21	2340	4	0.06	13	0.08
S11-81	210.00	212.00	2	1191603	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191603	4	11	<2	6.5	13	539	1	<5	2	<1	3	14	269	4.11	2.35	24.9	13	0.82	2070	11	0.04	58	0.09
S11-81	212.00	214.00	2	1191604	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191604	4.7	32	<2	6.36	12	540	0.9	<5	2.38	<1	3	11	956	3.53	1.99	16.2	16	0.95	2200	9	0.04	15	0.07
S11-81	214.00	216.00	2	1191605	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191605	5	31	<2	6.47	33	557	0.9	<5	2.88	1	4	12	898	5.12	2.25	35.2	15	1.1	2830	12	0.04	41	0.09
S11-81	216.00	218.00	2	1191606	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191606	5	48	4	6.79	23	481	1	<5	2.46	2	3	12	1580	3.98	1.88	16.8	21	1.06	2430	33	0.04	13	0.08
S11-81	218.00	220.00	2	1191607	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191607	4.7	57	3	7.01	21	545	0.8	<5	2.5	1	3	12	1740	4.43	1.61	20.1	20	1.16	1930	15	0.04	13	0.08
S11-81	220.00	222.00	2	1191608	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191608	4.8	109	2	6.29	40	427	0.8	<5	3.04	<1	3	12	1600	3.96	1.55	20.2	18	1.19	2140	25	0.03	10	0.08
S11-81	222.00	224.00	2	1191609	Seel	SGS	2011	Coarse crowded porphyry phyllic alt, tr. ccpy	1191609	4.7	86	<2	6.15	37	295	0.8	<5	1.96	<1	5	13	1370	4.92	1.15	19.9	24	0.9	1570	13	0.03	21	0.08
S11-81	224.00	226.00	2	1191610	Seel	SGS	2011	Coarse crowded porphyry argillic alt, no ccpy	1191610	3.7	101	<2	6.59	21	256	1	<5	1.57	<1	6	13	1590	4.72	0.87	17.8	33	0.78	1040	36	0.02	9	0.08
S11-81	226.00	228.00	2	1191611	Seel	SGS	2011	Coarse crowded porphyry argillic alt, no ccpy	1191611	4.5	30	<2	6.77	109	436	0.9	<5	2.91	2	2	13	539	3.82	1.96	24.3	23	1.17	2540	28	0.03	13	0.09
S11-81	228.00	230.00	2	1191612	Seel	SGS	2011	Fault clay and cataclasite	1191612	4.5	24	<2	7.41	85	410	1	<5	2.6	3	6	15	499	3.82	1.56	26.7	31	1.03	1300	9	0.03	18	0.11
S11-81	230.00	232.00	2	1191613	Seel	SGS	2011	Fault clay and cataclasite	1191613	4.1	148	2	5.03	24	270	1	<5	1.9	3	4	13	1340	2.99	1.02	25.3	21	0.8	1240	23	0.05	14	0.08
S11-81	232.00	234.00	2	1191614	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic and some argillic alt tr ccpy	1191614	4.7	73	6	6.76	28	298	1	<5	3.24	5	7	15	2330	5.07	1.21	65	28	1.11	1110	12	0.21	43	0.17
S11-81	234.00	236.00	2	1191615	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic and some argillic alt tr ccpy	1191615	5	41	2	7.21	26	238	1	<5	3.31	1	6	15	1090	4.39	1.11	49.5	26	1.06	766	25	0.19	41	0.11
S11-81	236.00	238.00	2	1191616	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic and some argillic alt tr ccpy	1191616	4.7	62	2	7.29	20	222	1	<5	3.58	<1	3	11	1060	2.95	1.22	34.2	24	1.15	697	13	0.3	14	0.1
S11-81	238.00	240.00	2	1191617	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic and some argillic alt tr ccpy	1191617	3.5	49	2	6.78	18	213	0.9	<5	3.78	<1	3	12	1120	3.21	1.15	37.8	26	1.25	849	13	0.29	15	0.1
S11-81	240.00	242.00	2	1191618	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic and some argillic alt tr ccpy	1191618	4.2	132	2	6.5	14	205	0.9	<5	3.13	<1	3	12	1550	2.86	1.12	46.3	27	1	734	21	0.3	17	0.11
S11-81	242.00	244.00	2	1191619	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic and some argillic alt tr ccpy	1191619	4.5	227	<2	6.58	17	189	0.9	<5	2.73	1	3	12	1530	3.44	0.99	32.8	29	0.94	750	20	0.22	14	0.08
S11-81	244.00	246.00	2	1191620	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191620	4.4	15	<2	6.44	22	325	1	<5	3.07	1	3	13	361	3.13	1.22	48.2	32	0.94	838	89	0.27	25	0.14
S11-81	246.00	248.00	2	1191621	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191621	2.2	25	<2	5.93	29	351	0.8	<5	3.3	3	3	12	496	3.13	1.55	54.1	20	0.98	1230	37	0.17	55	0.14
S11-81	246.00	248.00	2	1191622	Seel	SGS	2011	Duplicate of 1191621	1191622	2.4	28	<2	5.71	32	334	0.8	<5	3.31	5	4	11	503	3.15	1.55	71.8	18	0.98	1240	13	0.14	55	0.16
S11-81	248.00	250.00	2	1191623	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191623	4.6	94	3	6.2	20	307	1	<5	3.18	2	4	81	1140	3.36	1.41	30.4	25	1.08	1290	9	0.19	28	0.07
S11-81	250.00	252.00	2	1191624	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191624	4.5	216	<2	5.73	21	279	0.8	<5	2.93	1	4	75	1690	3.21	1.31	25.1	24	1.01	1210	7	0.11	14	0.08
S11-81	252.00	254.00	2	1191625	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191625	4.7	98	<2	6.6	31	320	0.9	<5	2.88	2	5	84	852	3.42	1.5	17.6	28	1.04	1150	15	0.16	23	0.08
S11-81	254.00	256.00	2	1191626	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191626	5.3	43	3	6.69	25	364	0.8	<5	3.4	4	5	85	1190	3.94	1.56	25	48	1.16	1490	12	0.13	39	0.1
S11-81	256.00	258.00	2	1191627	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191627	4.9	18	<2	5.87	47	416	0.8	<5	3.31	5	7	101	343	4.48	1.88	46.6	24	1.04	1840	29	0.09	76	0.08
S11-81	258.00	260.00	2	1191628	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191628	4.7	30	<2	5.93	38	396	0.7	<5	3.28	3	5	105	273	3.63	1.82	70.7	25	0.97	1770	36	0.08	45	0.09
S11-81	260.00	262.00	2	1191629	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191629	3.4	17	<2	5.93	32	546	0.8	<5	3.09	1	1	108	86.5	2.05	2.22	117	23	0.87	1740	18	0.07	9	0.07
S11-81	262.00	264.00	2	1191630	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191630	4.4	16	<2	6.61	14	451	0.8	<5	3.82	4	4	90	433	3.27	2.05	56.3	54	0.97	1910	7	0.09	19	0.1
S11-81	264.00	266.00	2	1191631	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191631	3.6	30	<2	6.84	29	595	0.9	<5	3.24	5	3	116	213	3.28	2.55	40.5	35	0.92	1820	5	0.08	27	0.09
S11-81	266.00	268.00	2	1191632	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191632	4.7	27	<2	6.74	14	481	0.9	<5	3	1	3	104	224	3.38	2.21	38.9	47	0.86	1630	12	0.07	14	0.08
S11-81	268.00	270.00	2	1191633	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191633	4.7	16	<2	6.48	40	549	0.8	<5	3.36	5	4	115	295	3.6	2.43	47	47	0.91	1810	7	0.07	50	0.13
S11-81	270.00	272.00	2	1191634	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191634	4.2	23	<2	6.64	31	596	0.9	<5	3.31	5	3	100	213	2.68	2.54	47.2	45	0.94	1790	49	0.07	29	0.09
S11-81	272.00	274.00	2	1191635	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191635	4.8	18	<2	6.49	23	554	1	<5	3.04	2	1	96	105	2.27	2.55	29.1	44	0.86	1600	7	0.07	11	0.09
S11-81	274.00	276.00	2	1191636	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191636	4.6	84	<2	6.06	45	505	0.9	<5	3.2	6	7	117	1020	5	2.11	52.8	44	0.9	1580	9	0.06	62	0.09
S11-81	276.00	278.00	2	1191637	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191637	4.8	36	<2	6.88	42	508	0.9	<5	3.89	2	5	105	724	3.71	2.26	34.5	93	0.97	1850	9	0.07	27	0.08
S11-81	278.00	280.00	2	1191638	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191638	4.4	49	3	6.07	15	637	0.9	<5	3.03	4	3	105	1230	3.26	2.37	38.9	38	0.87	1580	12	0.07	30	0.09
S11-81				1191639				Blank Mafic	1191639	1.6	15	<2	8.51	4	1210	1.5	<5	5.46	<1	29	141	52	6.15	1.54	44.8	15	3.07	1010	1	2.71	85	0.4
S11-81	280.00	282.00	2	1191640	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191640	4.7	14	<2	7.43	6	664	0.8	<5	3.59	3	3	117	312	3.49	2.55	48	40	0.95	1650	22	0.56	40	0.1
S11-81	282.00	284.00	2	1191641	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191641	4.6	26	<2	6.13	17	590	0.9	<5	2.94	2	3	103	146	2.69	2.09	42.1	32	0.86	1460	11	0.6	23	0.08
S11-81	284.00	286.00	2	1191642	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191642	4.5	13	<2	6.37	12	613	0.9	<5	2.59	3	2	118	168	2.4	2.28	46.3	43	0.8	1450	14	0.48	25	0.08
S11-81	286.00	288.00	2	1191643	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy, 10% clay	1191643	4.6	14	<2	6.73	56	647	1	<5	3.49	4	2	101	213	2.52	2.46	67	42	0.9	1670	48	0.34	26	0.07
S11-81	288.00	290.00	2	1191644	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191644	5.1	12	<2	6.82	20	678	1	<5	3.25	3	2	110	168	2.36	2.52	37.6	40	0.91	1660	15	0.28	20	0.09
S11-81	290.00	292.00	2	1191645	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191645	4.6	38	<2	6.64	30	518	1	<5	3.91	3	6	112	591	4.22	1.99	27.5	49	1.01	2090	11	0.29	22	0.11
S11-81	292.00	294.00	2	1191646	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191646	4.7	26	<2	6.51	32	637	1	<5	3.08	2	4	118	214	2.55	2.47	33.9	36	0.92	1680	16	0.27	26	0.09
S11-81	294.00	296.00	2	1191647	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt 0.25 ccpy	1191647	4.7	137	6	6.7	48	538	1	<5	2.72	2	4	123	2860	4.67	2.13	34.1	48	0.9	1620	14	0.39	24	0.12
S11-81	296.00	298.00	2	1191648	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191648	4.9	<5	<2	6.97	76	933	1	<5	3.86	2	1	112	122	2.38	2.52	35.8	27	0.91	1870	15	0.52	12	0.08
S11-81	298.00	300.00	2	1191649	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191649	4.9	7	<2	7.04	71	813	1.1	<5	3.39	3	2	113	151	2.72	2.67	34.5	35	0.98	2040	10	0.19	21	0.09
S11-81	300.00	302.00	2	1191650	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191650	4.7	20	<2	7.08	25	672	0.9	<5	3.69	2	3	107	568	3.52	2.41	38.2	31	1.04	2160	10	0.53	23	0.08
S11-81	302.00	304.00	2	1191651	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191651	4.7	14	<2	6.97	41	608	0.9	<5	3.46	2	3	102	203	3.36	2.07	32.6	26	0.94	1680	5	0.68	17	0.07
S11-81	304.00	306.00	2	1191652	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191652	4.3	<5	<2	5.76	63	625	0.9	<5	3.09	1	2	111	105	2.36	2.31	26.9	18	0.86	1840	6	0.05	11	0.08
S11-81	306.00	308.00	2	1191653	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191653	4.4	17	<2	5.98	69	573	0.9	<5	3.1	1	4	109	129	2.66	2.19	22.4	17	0.97	2130	14	0.22	26	0.08
S11-81	308.00	310.00	2	1191654	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191654	4.6	15	<2	6.58	23	655	0.8	<5	3.52	1	3	96	532	3.22	2.1	29.2	34	1.02	2060	4	0.43	19	0.09
S11-81	310.00	312.00	2	1191655	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191655	4.5	6	<2	6.97	21	587	0.8	<5	3.48	2	1	84	91.4	2.85	2.52	27.5	22	1.17	2170	2	0.24	11	0.09
S11-81	312.00	314.00	2	1191656	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191656	5	9	<2	8.25	13	358	0.8	<5	2.97	2	17	42	674	10.5	1.67	26.7	31	1.25	1200	<1	1.39	28	0.16
S11-81	314.00	316.00	2	1191657	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191657	4.3	<5	<2	7.12	33	749	1	<5	2.74	2	2	74	138	2.65	2.68	33.2	22	1.03	1650	4	0.09	16	0.08
S11-81	316.00	318.00	2	1191658	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191658	4.6	5	<2	7.14	61	645	0.9	<5	3.14	2	3	63	278	4.29	2.36	38.9	27	1.03	1810	2	0.39	43	0.08
S11-81	318.00	320.00	2	1191659	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191659	4.5	15	<2	6.84	14	634	0.9	<5	3.49	<1	3	94	242	2.83	2.23	29.9	39	1.1	2070	4	0.33	17	0.08
S11-81	320.00	322.00	2	1191660	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191660	2.4	48	<2	6.12	35	539	0.8	<5	3.3	1	4	111	259	3.42	2.03	32.3	35	1.07	2090	8	0.22	28	0.08
S11-81	320.00	322.00	2	1191661	Seel	SGS	2011	Duplicate of 1191660	1191661	1.9	25	<2	5.98	38	581	0.7	<5	3.17	1	5	112	226	3.17	2.05	30.4	23	1.03	1880	22	0.2	28	0.07
S11-81	322.00	324.00	2	1191662	Seel	SGS	2011	Cr F Porphyry dominated breccia with sericitic alt tr ccpy	1191662	5	10	<2	7.4	24	574	0.9	<5	3.18	1	4	85	282	3.12	2.36	22.3	28	1.18	1740	4	0.54	17	0.07
S11-81	324.00	326.00	2	1191663	Seel	SGS	2011	Cr F Porphyry dominated breccia with potassic alt 0.5% ccpy	1191663	5	248	4	7.29	22	473	0.8	<5	2.98	<1	6	108	2420	4.32	1.72	14.8	22	1.12	640	1	1.94	8	0.09
S11-81	326.00	328.00	2	1191664	Seel	SGS	2011	Cr F Porphyry dominated breccia with potassic alt 0.5% ccpy	1191664	4.8	220	4	6.86	19	776	0.8	<5	2.5	<1	7	85	2520	4.37	2.02	11	15	0.98	500	8	1.81	8	0.08
S11-81	328.00	330.00	2	1191665	Seel	SGS	2011	Fine grained sed with weak sericitic alt tr ccpy	1191665	4.5	<5	<2	8.68	70	800	1.2	<5	3.02	2	2	67	120	3.21	3.32	32.1	27	1.12	2190	2	0.11	22	0.06
S11-81	330.00	332.00	2	1191666	Seel	SGS	2011	Pebbly sandstone weak alt, no ccpy	1191666	6	<5	<2	7.26	33	321	1	<5	1.75	<1	12	68	193	7.42	1.91	22.4	24	1.33	1070	3	0.96	26	0.06
S11-81	332.00	334.00	2	1191667	Seel	SGS	2011	Pebbly sandstone weak alt, no ccpy	1191667	5.6	35	<2	6.23	17	100	0.7	<5	0.56	1	25	35	387	13.2	0.83	8.3	30	1.17	357	8	1.23	24	0.07
S11-81	334.00	336.00	2	1191668	Seel	SGS	2011	F.g. mud to siltstone locally brecciated with Fe-carb matrix	1191668	5.7	8	<2	8.57	68	858	1.4	<5	1.83	<1	4	88	51.4	2.76	3.68	17.7	18	0.82	1850	1	0.12	28	0.06
S11-81	336.00	338.00	2	1191669	Seel	SGS	2011	F.g. mud to siltstone locally brecciated with Fe-carb matrix	1191669	4.7	11	<2	7.9	26	758	1.3	<5	1.91	<1	3	157	33.7	3.18	3.31	15.7	19	0.98	2160	<1	0.12	32	0.05
S11-81	338.00	340.00	2	1191670	Seel	SGS	2011	F.g. mud to siltstone locally brecciated with Fe-carb matrix	1191670	4.2	<5	<2	7.53	9	607	1.4	<5	1.76	<1	2	95	46.3	3.6	2.8	12	41	1.07	2040	<1	0.2	21	0.04
S11-81	340.00	341.50	1.5	1191671	Seel	SGS	2011	F.g. mud to siltstone locally brecciated with Fe-carb matrix	1191671	3.7	7	<2	6.34	9	588	1	<5	2.63	<1	2	79	89.6	2.89	2.58	14.2	15	1.17	2580	1	0.11	15	0.05
S11-81	341.50	342.60	1.1	1191672	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, potassic alt, 0.5% cppy	1191672	2.5	201	2	6.41	14	413	0.9	<5	1.94	1	14	82	2530	8.19	0.96	17.1	14	0.79	776	15	1.86	27	0.07
S11-81	342.60	344.40	1.8	1191673	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191673	4.8	13	<2	6.45	7	558	1	<5	2.56	<1	3	97	502	2.84	2.51	20.8	19	0.91	2200	5	0.19	18	0.09
S11-81	344.40	345.00	0.6	1191674	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, potassic alt, 0.5% cppy	1191674	1.5	101	<2	7.08	16	818	1.1	<5	2.44	<1	14	93	1340	4.88	1.17	12.6	18	0.87	516	5	2.18	7	0.08
S11-81	345.00	347.00	2	1191675	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191675	4.9	8	<2	6.51	18	530	0.5	<5	2.7	<1	3	88	197	3.96	2.54	18.3	30	1.05	2770	6	0.1	32	0.07
S11-81	347.00	348.70	1.7	1191676	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191676	4.5	10	<2	6.51	9	501	0.9	<5	2.73	<1	3	102	320	3.3	2.25	20.1	16	0.97	2280	5	0.61	19	0.07
S11-81	348.70	349.30	0.6	1191677	Se

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-81	368.00	370.00	2	1191681	Seel	SGS	2011	Duplicate of 1191680	1191681	2.1	30	7	6.83	6	393	0.9	<5	2.55	1	4	96	3400	3.96	1.46	19.8	23	0.9	364	12	1.89	18	0.07
S11-81	370.00	372.00	2	1191682	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, 0.25 cppy	1191682	5.2	21	<2	6.68	4	332	0.9	<5	2.57	<1	6	102	644	3.5	1.56	34.5	38	0.99	621	14	1.33	30	0.07
S11-81	372.00	374.00	2	1191683	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, potassic alt, 0.5% cppy	1191683	5.4	40	<2	5.74	11	569	0.9	<5	1.89	<1	6	94	948	4.04	1.61	24.8	14	0.85	474	11	1.2	10	0.07
S11-81	374.00	376.00	2	1191684	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, potassic alt, 0.5% cppy	1191684	4.6	128	<2	7.07	26	934	0.8	<5	1.63	<1	8	86	1650	8.17	2.14	14.7	19	0.58	293	20	1.8	10	0.08
S11-81				1191685	Seel	SGS	2011	Blank Mafic	1191685	1.2	6	<2	8.81	4	1300	1.8	<5	5.32	<1	29	128	166	6.73	1.57	47.3	17	3.08	921	<1	3.05	95	0.42
S11-81	376.00	378.00	2	1191686	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, potassic alt, 0.5% cppy	1191686	5.5	185	4	6.3	18	615	0.7	<5	0.69	1	24	57	2990	9.6	2.16	31	30	0.33	262	12	0.8	10	0.05
S11-81	378.00	380.00	2	1191687	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, potassic alt, 0.5% cppy	1191687	4.9	156	3	7.06	22	863	0.9	<5	1.29	1	7	77	2060	7.83	2.26	27.7	24	0.6	342	45	1.58	8	0.06
S11-81	380.00	382.00	2	1191688	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix,mixed potassic and phyllic alt	1191688	5	17	<2	6.22	55	408	0.8	<5	1.81	<1	12	84	439	5.29	1.74	19.5	18	0.74	612	19	1.3	12	0.06
S11-81	382.00	384.00	2	1191689	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, no cppy	1191689	4.6	<5	<2	6.6	35	609	0.9	<5	2.65	<1	1	73	51	2.17	2.2	26.1	21	0.9	1620	11	0.19	11	0.07
S11-81	384.00	386.00	2	1191690	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, potassic alt, 0.5% cppy	1191690	5.1	76	<2	7.17	6	778	1	<5	2.23	<1	7	86	1220	6.36	1.82	14.7	18	1.02	401	21	2.56	9	0.1
S11-81	386.00	388.00	2	1191691	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191691	5.4	15	<2	7.22	43	799	1.1	<5	2.78	<1	2	71	157	2.97	2.47	35.4	30	0.95	1770	9	0.32	13	0.09
S11-81	388.00	390.00	2	1191692	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191692	3.5	15	<2	7.6	60	820	1.3	<5	3.3	2	1	81	66.3	2.81	3.15	41	11	1.06	2790	7	0.22	13	0.07
S11-81	390.00	392.00	2	1191693	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191693	4.9	9	<2	7.44	9	466	1	<5	3.38	<1	3	67	93.4	2.67	2.28	30	55	1.1	2030	3	0.17	15	0.06
S11-81	392.00	394.00	2	1191694	Seel	SGS	2011	Hard f.g. sed unalt no ccpy	1191694	4.7	7	<2	6.79	24	244	1	<5	2.28	<1	5	73	165	4.15	1.57	13.2	30	0.89	850	15	1.27	10	0.07
S11-81	394.00	396.00	2	1191695	Seel	SGS	2011	Hard f.g. sed unalt no ccpy	1191695	4.6	15	<2	7.82	7	99	1	<5	2.23	<1	11	60	378	6.51	1.01	4.8	21	1.11	219	<1	2.63	11	0.12
S11-81	396.00	398.00	2	1191696	Seel	SGS	2011	Hard f.g. sed unalt no ccpy	1191696	4.5	6	<2	7.48	5	457	1	<5	3.17	<1	1	78	74.7	3.18	2.82	23.5	24	1.16	1880	14	0.26	19	0.11
S11-81	398.00	400.00	2	1191697	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191697	4.5	11	<2	4.94	112	528	0.6	<5	2.32	2	2	97	149	3.07	2.06	23.7	15	0.87	1710	21	0.13	20	0.04
S11-81	400.00	402.00	2	1191698	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191698	4.7	5	<2	6.51	26	837	1	<5	2.53	1	4	93	189	3.93	2.55	20.9	20	1.05	1750	4	0.14	28	0.06
S11-81	402.00	404.00	2	1191699	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191699	4.5	12	<2	6.07	18	255	0.9	<5	1.98	1	5	109	234	4.15	1.52	32	22	0.81	1120	6	1.05	44	0.08
S11-81	404.00	406.00	2	1191700	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, potassic alt, 0.5% cppy	1191700	4.6	82	<2	6.02	15	595	0.8	<5	1.79	<1	8	78	1360	6.36	1.56	18.8	15	0.83	629	10	1.56	21	0.07
S11-81	406.00	408.00	2	1191701	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191701	4.7	144	<2	5.52	33	426	0.9	<5	2.18	<1	3	86	375	2.85	1.97	30.7	18	0.78	2010	8	0.54	21	0.08
S11-81	408.00	410.00	2	1191702	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191702	1.9	<5	<2	7.57	9	410	0.7	<5	2.86	<1	2	64	59.6	2.06	2.4	25	29	1.04	1870	5	0.58	13	0.09
S11-81	408.00	410.00	2	1191703	Seel	SGS	2011	Duplicate of 1191702	1191703	2.4	<5	<2	7.68	9	407	0.7	<5	2.84	<1	1	63	56.6	2.07	2.39	25.5	26	1.02	1830	10	0.62	12	0.09
S11-81	410.00	412.00	2	1191704	Seel	SGS	2011	Cr F Porphyry locally brecciated with qtz-carb matrix, phyllic alt, tr cppy	1191704	4.3	8	<2	8	33	485	<0.5	<5	3.02	<1	5	64	224	4.36	2.5	28.9	28	1.2	1560	4	1.02	16	0.16
S11-81	412.00	414.00	2	1191705	Seel	SGS	2011	F.g. sed or volc	1191705	5.1	19	<2	8.15	15	367	<0.5	<5	2.27	<1	8	63	299	5.75	1.87	20.3	28	1.04	516	2	2.05	15	0.27
S11-81	414.00	416.00	2	1191706	Seel	SGS	2011	F.g. sed or volc	1191706	4.8	18	<2	7.64	6	213	<0.5	<5	1.46	<1	11	48	404	7.25	1.25	11.2	19	1.08	198	<1	2.61	14	0.08
S11-81	416.00	418.00	2	1191707	Seel	SGS	2011	F.g. sed or volc	1191707	4.8	<5	<2	7.94	21	281	<0.5	<5	2.58	<1	5	46	215	5.03	1.98	22.7	26	1.38	1000	<1	1.47	12	0.08
S11-81	418.00	420.00	2	1191708	Seel	SGS	2011	Cr F Porphyry strong potassic tr- 0.25 ccpy	1191708	4.6	22	<2	8.37	6	569	<0.5	<5	2.94	<1	6	54	364	3.81	1.82	23.9	23	1.41	523	1	2.31	11	0.11
S11-81	420.00	422.00	2	1191709	Seel	SGS	2011	Cr F Porphyry strong potassic tr- 0.25 ccpy	1191709	4.7	43	<2	8.67	6	618	<0.5	<5	2.66	<1	8	71	459	4.1	1.59	13.4	16	1.35	266	1	2.95	9	0.12
S11-81	422.00	424.00	2	1191710	Seel	SGS	2011	Cr F Porphyry strong potassic tr- 0.25 ccpy	1191710	5.1	81	<2	8.55	7	633	<0.5	<5	2.92	<1	6	63	884	4.03	1.52	14.6	18	1.26	359	5	2.69	8	0.11
S11-81	424.00	426.00	2	1191711	Seel	SGS	2011	Cr F Porphyry strong potassic tr- 0.25 ccpy	1191711	4.7	156	<2	8.33	<3	559	<0.5	<5	2.35	<1	7	75	1190	3.86	1.7	12.2	18	1.32	230	5	3.05	8	0.1
S11-81	426.00	428.00	2	1191712	Seel	SGS	2011	Cr F Porphyry strong potassic tr- 0.25 ccpy	1191712	4.8	99	<2	8.3	5	518	<0.5	<5	2.94	<1	7	70	1080	3.5	1.69	13.2	15	1.21	343	9	2.81	9	0.11
S11-81	428.00	430.00	2	1191713	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	1191713	4.7	<5	<2	7.64	7	235	0.6	<5	2.81	<1	3	70	74.9	2.34	1.28	18.1	25	0.95	915	9	1.9	13	0.1
S11-81	430.00	432.00	2	1191714	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	1191714	4.7	<5	<2	7.78	12	474	0.6	<5	2.98	<1	4	64	196	3.55	1.84	22	24	1.16	859	9	1.38	12	0.1
S11-81	432.00	434.00	2	1191715	Seel	SGS	2011	Cr F Porphyry potassic tr- 0.25 ccpy	1191715	4.8	23	<2	8.01	15	708	<0.5	<5	2.19	<1	8	71	456	4.93	1.84	21.1	18	1.28	274	88	2.5	7	0.1
S11-81	434.00	436.00	2	1191716	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191716	4.5	<5	<2	7.66	18	878	<0.5	<5	2.62	<1	5	68	242	3.39	2.18	28	14	1.01	1770	13	0.82	13	0.09
S11-81				1191717	Seel	SGS	2011	Standard CDN-CGS-27	1191717	0.069	431	<2	8.16	54	339	0.5	<5	0.41	<1	17	52	3530	4.56	5.3	19.8	11	1.02	389	115	1.4	35	0.12
S11-81	436.00	438.00	2	1191718	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191718	5.1	24	<2	6.71	25	444	<0.5	<5	2.79	2	3	99	218	3.52	2.53	26.5	9	1.08	2750	8	0.18	18	0.07
S11-81	438.00	440.00	2	1191719	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191719	4.6	<5	<2	7.07	28	382	0.6	<5	2.3	1	4	88	381	4.3	2.27	49	16	1.08	1710	39	0.16	23	0.08
S11-81	440.00	442.00	2	1191720	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191720	4.9	5	<2	7.12	9	375	0.6	<5	2.61	<1	2	69	139	2.6	2.48	40	17	1.05	1800	11	0.24	22	0.09
S11-81	442.00	444.00	2	1191721	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191721	4.9	20	<2	7.83	8	432	0.6	<5	3.07	<1	3	62	78.8	2.75	2.45	26.9	21	1.14	2120	7	0.25	13	0.1
S11-81	444.00	446.00	2	1191722	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191722	3.9	12	<2	7.8	<3	414	<0.5	<5	2.91	<1	2	73	378	2.84	1.78	27.6	34	1.09	1860	9	0.25	8	0.09
S11-81	446.00	448.00	2	1191723	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191723	4.6	10	<2	7.71	6	385	0.5	<5	3.52	<1	2	61	66	2.46	2.05	27	12	1.2	1960	8	0.33	18	0.09
S11-81	448.00	450.00	2	1191724	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191724	4.6	23	<2	7.88	6	280	0.5	<5	2.83	<1	5	79	266	3.46	1.53	24.3	23	1.02	1400	11	0.28	12	0.1
S11-81	450.00	452.00	2	1191725	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr to 0 ccpy	1191725	4.8	10	<2	7.67	6	297	0.5	<5	3.27	<1	4	70	101	2.59	2.3	34.5	19	1.21	1580	6	0.34	20	0.09
S11-81	452.00	454.00	2	1191726	Seel	SGS	2011	Cr F Porphyry potassic tr- ccpy	1191726	4.3	30	<2	6.85	8	165	0.5	<5	2.94	<1	5	93	525	5.53	1.13	31	28	1.01	860	2	1.32	11	0.08
S11-81	454.00	456.00	2	1191727	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0 ccpy	1191727	4.4	57	<2	7.06	<3	307	0.7	<5	2.47	<1	4	70	653	6.04	0.52	11.8	25	0.96	542	2	1.09	8	0.09
S11-81	456.00	458.00	2	1191728	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0 ccpy	1191728	2	63	<2	6.87	4	154	<0.5	<5	3.07	<1	5	84	400	5.07	1.05	16.8	30	0.92	795	<1	0.12	9	0.08
S11-81	458.00	460.00	2	1191729	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0.25% ccpy	1191729	4.3	53	<2	6.01	<3	130	<0.5	<5	3.12	<1	5	70	396	4.15	0.88	19.8	29	0.82	891	6	0.07	6	0.05
S11-81	458.00	460.00	2	1191730	Seel	SGS	2011	Duplicate of 1191729	1191730	2.6	92	<2	6.07	4	122	<0.5	<5	2.99	<1	4	92	399	3.85	0.89	20.5	28	0.79	900	6	0.06	5	0.07
S11-81	460.00	462.00	2	1191731	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0.25% ccpy	1191731	4.6	13	<2	5.59	4	462	<0.5	<5	2.65	1	1	74	60	2.68	2.12	37.1	6	1.02	2330	4	0.09	12	0.15
S11-81	462.00	464.00	2	1191732	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0.25% ccpy	1191732	4.6	25	3	7.4	4	554	<0.5	<5	3.12	<1	2	58	361	2.82	2.62	10.7	7	1.13	2990	2	0.15	14	0.07
S11-81	464.00	466.00	2	1191733	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0.25% ccpy	1191733	4.5	44	2	6.43	9	559	0.5	<5	2.57	1	3	79	819	3.05	2.04	15.9	9	0.97	2180	3	0.09	10	0.06
S11-81	466.00	468.00	2	1191734	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0.25% ccpy	1191734	4.7	24	<2	6.03	11	507	<0.5	<5	2.81	<1	2	63	70.1	2.07	1.8	10.2	6	0.98	2170	3	0.08	10	0.07
S11-81	468.00	470.00	2	1191735	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0 ccpy	1191735	4.2	21	<2	6.94	14	556	0.5	<5	3.01	<1	3	56	280	2.24	1.77	15.8	18	1.07	2060	21	0.07	10	0.06
S11-81	470.00	472.00	2	1191736	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0 ccpy	1191736	4.7	22	<2	7.17	12	674	<0.5	<5	3.17	2	2	68	49.8	2.26	2.38	12.2	6	1.08	3140	6	0.1	10	0.08
S11-81	472.00	474.00	2	1191737	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt tr to 0 ccpy	1191737	4.8	18	<2	7.11	27	798	<0.5	<5	2.54	2	2	53	48.2	2.29	2.58	18.9	7	0.86	3270	4	0.07	10	0.07
S11-81	474.00	476.00	2	1191738	Seel	SGS	2011	Coarse qtz-feld intrusive sericite with patchy clay tr ccpy	1191738	4.8	13	3	7.14	12	503	<0.5	<5	2.13	1	2	61	127	2.11	2.08	14.8	7	0.71	3190	37	0.07	17	0.05
S11-81	476.00	478.00	2	1191739	Seel	SGS	2011	Coarse qtz-feld intrusive sericite with patchy clay tr ccpy	1191739	4.6	73	9	7.27	196	738	0.5	<5	1.5	21	2	83	82.9	2.44	2.57	21	6	0.55	2950	7	0.09	10	0.05
S11-81	478.00	480.00	2	1191740	Seel	SGS	2011	Coarse qtz-feld intrusive sericite with patchy clay tr ccpy	1191740	5.1	31	4	6.85	67	596	0.5	<5	1.91	4	2	66	153	1.73	2.03	21.9	6	0.63	4080	27	0.09	10	0.05
S11-81	480.00	482.00	2	1191741	Seel	SGS	2011	Coarse qtz-feld intrusive sericite with patchy clay tr ccpy	1191741	5.1	156	6	7.24	12	778	0.6	<5	1.9	3	4	81	664	2.55	2.13	20.9	5	0.7	4100	23	0.08	13	0.06
S11-81	482.00	484.00	2	1191742	Seel	SGS	2011	Coarse qtz-feld intrusive sericite with patchy clay tr ccpy	1191742	4.7	28	8	8.03	24	636	0.5	<5	2.75	6	3	78	701	2.69	3.4	18.8	6	0.96	5690	17	0.09	11	0.08
S11-81	484.00	486.00	2	1191743	Seel	SGS	2011	Coarse qtz-feld intrusive sericite with patchy clay tr ccpy	1191743	4.5	26	7	6.53	50	673	<0.5	<5	1.96	3	1	71	749	1.7	2.77	17.3	6	0.67	4340	14	0.08	8	0.04
S11-81	486.00	488.00	2	1191744	Seel	SGS	2011	Coarse qtz-feld intrusive sericite with patchy clay tr ccpy	1191744	4.9	14	5	6.96	154	725	0.7	<5	1.76	4	<1	11	260	2.1	3.05	15.3	6	0.66	4660	14	0.08	6	0.04
S11-81	488.00	490.00	2	1191745	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt trccpy	1191745	4.6	64	6	7.34	1260	854	0.8	<5	1.19	13	2	19	66.7	3.24	3.27	17.5	4	0.64	5060	4	0.08	11	0.06
S11-81	490.00	492.00	2	1191746	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt trccpy	1191746	4.9	13	5	7.76	224	347	0.7	<5	2.34	15	2	90	49.1	3.77	3.55	12.8	4	0.94	5630	4	0.08	6	0.06
S11-81	492.00	494.00	2	1191747	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt trccpy	1191747	4.4	11	<2	7.86	112	476	0.8	<5	2.28	4	3	15	170	2.73	3.02	7.3	11	0.9	4510	2	0.07	12	0.08
S11-81	494.00	496.00	2	1191748	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt trccpy	1191748	4.6	<5	<2	7.47	19	412	0.7	<5	2.81	<1	<1	73	42.7	1.94	3.25	4.7	5	0.93	4180	2	0.09	6	0.07
S11-81	496.00	498.00	2	1191749	Seel	SGS	2011	Cr F Porphyry, phyllic and clay alt trccpy	1191749	4.9	<5	<2	7.15	62	946	0.7	<5	2.76	4	1	14	53	2.82	3.02	8.2	16	1.04	3500	1	0.07	5	0.06
S11-81				1191750	Seel	SGS	2011	Standard CDN-CGS-27	1191750	0.082	486	<2	8.15	58	470	1	<5	0.43	<1	17	56	3480	4.55	6.11	19.2	11	1.07	410	121	1.4	36	0.11
S11-81	498.00	500.00	2	33001	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy (sample A00033001)	33001	4.3	20	<2	8.04	17	847	0.7	<5	2.26	<1	3	58	64.3	3.1	2.78	14.8	42	1.05	518	1	0.1	8	0.08
S11-81	500.00	502.00	2	33002	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33002	4.6	<5	<2	8.02	16	903	0.9	<5	1.72	<1	4	15	84.4	3.62	3.06	16	28	0.82	627	2	0.79	7	0.08
S11-81	502.00	504.00	2	33003	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33003	4.1	<5	3	7.53	15	203	0.8	<5	2.52	<1	3	61	49.8	3.33	2.15	15.2	35	0.98	3290	<1	0.05	5	0.07
S11-81	504.00	506.00	2	33004	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33004	4.3	<5	<2	8.21	16	187	0.9	<5	3.03	<1	6	15	66.7	3.96	1.25	14.8	48	1.19	1070	2	0.05	6	0.08
S11-81	506.00	508.00	2	33005	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33005	5.1	121	2	7.87	1900	449	0.8	<5	1.67	13	7	14	117	4.44	2.74	13.9	18	0.73	1910	2	0.07	8	0.07
S11-81	508.00	510.00	2	33006	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33006	4.5	<5	<2	7.79	14	745	0.8	<5	2.38	<1	5	56	104	3.44	2.98	16.5	18	0.89	901	2	1.08	7	0.08
S11-81	520.00	522.00	2	33007	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33007	4.9	7	<2	6.78	28	423	0.8	<5	2.47	<1	4	15	683	3.43	2.36	19.1	11	0.94	1250	3	0.59	18	0.07
S11-81	522.00	524.00	2	33008	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33008	4.7	<5	<2	7.33	13	597	0.8	<5	3.31	<1	2	64	181	2.44	2.7	24.2	13	1.26	1500	4	0.3	15	0.07
S11-81	524.00	526.00	2	33009	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33009	4.8	<5	<2	7.75	23	569	0.7	<5	3.26	<1	3	14	226	2.41	3.31	14.2	9	1.21	2780	2	0.09	7	0.07
S11-81	526.00	528.00	2	33010	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33010	4.9	27	<2	7.59	10	545	0.8	<5	3.28	<1	3	73	393	3.15	2.73	17.7	17	1.2	3000	2	0.15	8	0.08
S11-81	528.00	530.00	2	33011	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33011	4.5	53	<2	7.29	6	740	0.7	<5	2.94	<1	2	16	396	2.85	2.91	11.1	12	1.07	3110	2	0.12	9	0.08
S11-81	530.00	532.00	2	33012	Seel	SGS	2011	Cr F Porphyry, phyllic alt tr ccpy	33012	4.5	<5	<2	6.95	9	922	0.7	<5	2.63	<1	2	73	56.1	2.38	2.94	27.5	21	1.05	1280	95	0.25	6	0.05
S11-81	532.00	534.00	2	33013	Seel	SGS	2011	Breccia silic-carb-sericite matrix	33013	4.4	<5	<2	7.04	8

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-81	540.00	542.00	2	33017	Seel	SGS	2011	Cr F Porphyry, weak potassic tr to 0.25% ccpy	33017	4.6	8	<2	7.88	13	1040	0.8	<5	2.02	<1	2	13	86.7	3.44	2.99	14.7	11	0.96	265	<1	2.36	5	0.07
S11-81	542.00	544.00	2	33018	Seel	SGS	2011	Cr F Porphyry, weak potassic tr to 0.25% ccpy	33018	2.3	9	<2	7.52	5	1040	0.8	<5	1.99	<1	2	66	63.4	3.56	2.99	15.3	11	0.95	272	1	2.18	6	0.07
S11-81	542.00	544.00		33019	Seel	SGS	2011	Duplicate of 33018	33019	1.8	13	<2	7.74	7	1040	0.8	<5	2.06	<1	2	15	71.5	3.53	3.01	14.8	11	0.94	273	1	2.26	5	0.07
S11-81	544.00	546.00	2	33020	Seel	SGS	2011	Cr F Porphyry, weak potassic tr to 0.25% ccpy	33020	5.1	10	<2	7.68	11	971	0.8	<5	2.06	<1	3	57	67.4	3.64	2.93	16.3	12	0.95	333	<1	2.07	6	0.08
S11-81	546.00	548.00	2	33021	Seel	SGS	2011	Cr F Porphyry, weak potassic tr to 0.25% ccpy	33021	2.6	15	<2	7.78	6	921	0.8	<5	2.21	<1	2	15	49.2	3.83	2.86	15.1	11	0.94	313	<1	2.14	5	0.07
S11-81	548.00	550.00	2	33022	Seel	SGS	2011	Cr F Porphyry, weak potassic tr to 0.25% ccpy	33022	4.3	24	<2	7.82	6	1010	0.8	<5	2.33	<1	3	60	68.8	3.53	2.79	15	14	0.9	409	<1	1.96	6	0.08
S11-81	550.00	552.00	2	33023	Seel	SGS	2011		33023	4.2	15	<2	7.66	7	920	0.8	<5	2.13	<1	2	16	81.1	3.87	2.9	14.8	13	0.88	342	1	2.01	5	0.07
S11-81	552.00	554.00	2	33024	Seel	SGS	2011		33024	4.2	11	<2	7.65	15	1120	0.7	<5	2.21	<1	2	60	101	3.28	3.06	17.5	16	0.97	408	2	1.59	8	0.07
S11-81	554.00	556.00	2	33025	Seel	SGS	2011		33025	4.8	11	<2	7.93	8	1060	0.8	<5	2.07	<1	2	15	74.2	3.55	2.99	15	14	0.99	321	1	2.17	7	0.08
S11-81	556.00	558.00	2	33026	Seel	SGS	2011		33026	4.8	18	<2	7.87	6	1120	0.8	<5	2.18	<1	2	56	62.4	2.59	3.1	15.3	17	0.99	445	1	1.97	9	0.07
S11-81	558.00	560.00	2	33027	Seel	SGS	2011		33027	4.8	11	<2	7.82	31	941	0.8	<5	2.78	<1	2	13	65.8	2.39	3.13	14.2	14	1.03	1810	<1	0.41	9	0.06
S11-81	560.00	562.00	2	33028	Seel	SGS	2011		33028	5.1	10	<2	7.87	9	783	0.9	<5	3	<1	2	46	43.7	2.18	2.65	14.2	18	1.04	1270	<1	0.28	10	0.06
S11-81	562.00	564.00	2	33029	Seel	SGS	2011		33029	4.8	23	<2	7.86	9	847	0.9	<5	2.77	<1	2	15	38.8	2.05	2.59	14.3	25	0.97	1080	1	1	9	0.06
S11-81				33030	Seel	SGS	2011	Blank Mafic	33030	1.5	7	<2	9.15	5	1200	1	<5	5.31	<1	25	98	133	6.39	1.54	43.9	16	3.13	996	2	2.77	88	0.4
S11-81	564.00	566.00	2	33031	Seel	SGS	2011		33031	4.9	27	<2	7.56	14	638	0.8	<5	2.82	<1	3	62	429	2.54	1.96	22.9	15	1.1	1040	2	1.65	11	0.08
S11-81	566.00	568.00	2	33032	Seel	SGS	2011		33032	4.9	155	3	7.4	18	204	0.7	<5	2.62	<1	9	20	2030	5.81	0.94	25.5	37	1.14	435	1	1.76	7	0.17
S11-81	568.00	570.00	2	33033	Seel	SGS	2011		33033	5.2	13	<2	7.45	14	467	0.6	<5	2.86	<1	3	68	644	3.87	2.17	34	27	1.15	844	9	0.82	8	0.09
S11-81	570.00	572.00	2	33034	Seel	SGS	2011		33034	5	48	<2	7.82	15	987	0.5	<5	1.94	<1	10	16	658	4.44	1.91	33.5	17	1.07	274	22	2.28	6	0.1
S11-81	572.00	574.00	2	33035	Seel	SGS	2011		33035	4.8	47	<2	8.34	17	908	<0.5	<5	2.59	<1	19	74	530	4.21	2.19	26.3	19	1.16	245	13	2.55	7	0.1
S11-81	574.00	576.00	2	33036	Seel	SGS	2011		33036	5.1	58	<2	8.37	6	948	<0.5	<5	2.39	<1	11	14	891	3.84	2.47	19.1	21	1.05	217	29	2.58	6	0.1
S11-81	576.00	578.00	2	33037	Seel	SGS	2011		33037	5.1	21	<2	7.9	13	685	<0.5	<5	2.62	<1	4	15	268	3.8	2.04	66.2	22	1.22	940	20	1.64	14	0.07
S11-81	578.00	580.00	2	33038	Seel	SGS	2011		33038	5	16	<2	7.67	19	262	<0.5	<5	1.49	1	11	39	569	9.34	1.72	20.6	19	1.38	798	<1	1.54	55	0.09
S11-81	580.00	582.00	2	33039	Seel	SGS	2011		33039	4.8	22	<2	8.3	25	313	<0.5	<5	2.34	<1	5	21	308	5.86	1.91	15.1	20	1.33	1020	<1	1.55	16	0.06
S11-81	582.00	584.00	2	33040	Seel	SGS	2011		33040	3	34	<2	6.62	75	430	<0.5	<5	2.36	2	3	82	477	3.39	2.32	30.9	30	0.69	1100	12	0.23	17	0.06
S11-81	584.00	586.00	2	33041	Seel	SGS	2011		33041	4.5	19	<2	7.29	35	422	0.5	<5	3.55	<1	2	14	169	2.58	2.21	27.4	21	0.74	1390	19	0.21	11	0.07
S11-81	586.00	588.00	2	33042	Seel	SGS	2011		33042	4.3	33	<2	7.63	38	257	0.6	<5	2.04	<1	5	62	329	4.59	1.7	22.4	34	0.59	987	39	0.16	17	0.07
S11-81	588.00	590.00	2	33043	Seel	SGS	2011		33043	4.2	15	<2	6.95	19	375	0.6	<5	2.72	<1	3	14	297	2.96	2.31	31.3	15	0.64	1070	13	0.25	44	0.07
S11-81	590.00	592.00	2	33044	Seel	SGS	2011		33044	4	36	<2	7.49	32	385	<0.5	<5	2.76	<1	6	77	312	4.99	1.34	13.1	18	1.18	970	1	1.51	30	0.09
S11-81	592.00	594.00	2	33045	Seel	SGS	2011		33045	2.4	30	<2	7.58	29	341	0.6	<5	2.72	<1	6	15	762	3.51	2.38	31.8	13	0.91	1110	40	1.01	30	0.07
S11-81	592.00	594.00		33046	Seel	SGS	2011	Duplicate of 33045	33046	2.5	50	2	7.59	52	364	0.6	<5	2.64	<1	5	69	832	3.59	2.34	32.4	11	0.9	1110	29	1.11	25	0.07
S11-81	594.00	596.00	2	33047	Seel	SGS	2011		33047	4.7	143	<2	7.86	34	908	0.5	<5	2.93	<1	13	15	1860	4.4	1.65	32.8	18	0.9	638	658	2.04	15	0.23
S11-81	596.00	598.00	2	33048	Seel	SGS	2011		33048	4.4	16	<2	7.4	12	311	0.6	<5	2.8	<1	5	70	623	6.02	2.01	38.9	21	0.65	1100	21	0.5	88	0.09
S11-81	598.00	600.00	2	33049	Seel	SGS	2011		33049	4.6	50	<2	7.48	59	541	0.7	<5	2.58	3	3	13	235	2.75	2.78	44.3	11	0.71	1390	36	0.29	28	0.07
S11-81	600.00	602.00	2	33050	Seel	SGS	2011		33050	4.8	55	<2	7.58	45	372	0.6	<5	2.36	1	7	84	815	4.77	1.32	25.6	20	0.78	621	70	1.54	15	0.09
S11-81	602.00	604.00	2	33051	Seel	SGS	2011		33051	5.4	13	3	7.07	16	385	0.6	<5	2.47	2	5	21	1910	5.23	1.88	30.7	18	0.73	933	11	0.66	13	0.09
S11-81	604.00	606.00	2	33052	Seel	SGS	2011		33052	4.8	129	<2	7.4	6	333	0.5	<5	2.59	<1	4	85	1490	3.93	1.41	23.4	12	0.88	547	2	2.01	5	0.08
S11-81	606.00	608.00	2	33053	Seel	SGS	2011		33053	4.7	157	3	7.33	12	193	0.6	<5	1.98	<1	8	16	2130	3.8	0.99	10.8	15	0.76	274	2	2.33	4	0.04
S11-81				33054	Seel	SGS	2011	Standard CDN-CGS-27	33054	0.049	414	<2	8.12	54	564	0.6	<5	0.4	<1	17	52	3450	4.49	6.22	19.7	11	1	377	114	1.39	35	0.12
S11-81	608.00	610.00	2	33055	Seel	SGS	2011		33055	4.4	132	7	7.6	18	251	0.8	<5	2.63	1	15	85	3680	4.66	0.95	13.2	15	0.82	376	2	2.91	4	0.07
S11-81	610.00	612.00	2	33056	Seel	SGS	2011		33056	4.9	213	37.3	7.15	77	319	0.9	<5	2.88	6	43	77	8920	5.03	2.09	230	12	0.75	1630	5	1.47	8	0.08
S11-81	612.00	614.00	2	33057	Seel	SGS	2011		33057	4.9	56	3	7.46	126	197	0.9	<5	2.79	6	35	60	667	5.25	2.28	184	15	0.76	1040	54	1.42	7	0.09
S11-81	614.00	616.00	2	33058	Seel	SGS	2011		33058	5.2	56	<2	7.45	148	181	1	<5	2.25	2	123	63	470	4.52	3.36	274	8	0.71	1820	91	0.23	8	0.08
S11-81	616.00	618.00	2	33059	Seel	SGS	2011		33059	4.7	55	<2	7.79	102	196	0.8	<5	2.23	3	160	61	175	4.51	3.6	71.7	13	0.8	2070	77	0.13	6	0.09
S11-81	618.00	620.00	2	33060	Seel	SGS	2011		33060	4.9	102	6	7.65	167	217	0.8	<5	2.51	4	119	68	777	4.61	3.02	20.4	22	0.89	2440	76	0.26	7	0.09
S11-81	620.00	622.00	2	33061	Seel	SGS	2011		33061	4.7	139	<2	7.7	62	299	0.9	<5	2.91	<1	90	78	1130	4.21	2.26	15.2	26	1	1740	45	1.36	6	0.1
S11-81	622.00	624.00	2	33062	Seel	SGS	2011		33062	4.7	86	<2	7.79	15	383	0.8	<5	2.83	<1	55	78	586	3.1	2.23	15.2	11	1	351	177	2.18	6	0.09
S11-81	624.00	626.00	2	33063	Seel	SGS	2011		33063	4.5	78	<2	7.9	8	596	0.8	<5	2.69	<1	35	90	359	3.3	1.98	15.7	16	0.95	598	160	2.07	7	0.1
S11-81	626.00	628.00	2	33064	Seel	SGS	2011		33064	5.1	53	<2	7.97	26	499	0.8	<5	2.97	<1	144	75	516	4.13	1.92	18.8	18	0.95	475	87	1.93	7	0.09
S11-81	628.00	630.00	2	33065	Seel	SGS	2011		33065	4.9	68	<2	7.73	63	399	0.8	<5	2.99	3	141	77	251	4.22	2.48	18.9	17	1.06	1080	66	0.86	6	0.09
S11-81	630.00	632.00	2	33066	Seel	SGS	2011		33066	5	88	2	7.76	155	263	0.7	<5	2.73	2	138	67	394	4.47	2.83	15.7	14	0.99	1820	70	0.41	6	0.09
S11-81	632.00	634.00	2	33067	Seel	SGS	2011		33067	5.3	73	<2	7.58	47	423	0.8	<5	2.97	<1	108	74	276	4.23	2.26	27.8	16	1.03	1120	78	1.02	6	0.09
S11-81	634.00	636.00	2	33068	Seel	SGS	2011		33068	4.9	70	<2	7.41	89	245	0.8	<5	2.83	1	151	66	245	4.87	3.31	91.6	9	1.03	2400	47	0.1	6	0.09
S11-81	636.00	638.00	2	33069	Seel	SGS	2011		33069	2.3	68	<2	7.68	47	406	0.8	<5	2.82	1	130	78	459	4.29	2.62	194	18	1	2130	23	0.48	7	0.09
S11-81	636.00	638.00	2	33070	Seel	SGS	2011	Duplicate of 33069	33070	2.3	114	<2	7.71	50	283	0.8	<5	2.78	1	136	66	665	4.36	2.55	300	21	1	2200	23	0.38	7	0.1
S11-81	638.00	640.00	2	33071	Seel	SGS	2011		33071	4.5	72	<2	8.01	20	340	0.8	<5	2.94	<1	126	93	415	4.06	1.7	26.8	12	1	558	32	2.2	7	0.09
S11-81	640.00	642.00	2	33072	Seel	SGS	2011		33072	4.9	144	<2	7.65	29	358	0.7	<5	2.14	<1	57	66	874	3.11	1.87	52.3	27	0.86	1050	7	0.09	6	0.09
S11-81	642.00	644.00	2	33073	Seel	SGS	2011		33073	4.3	91	6	7.58	31	377	0.8	<5	3.04	<1	21	81	1640	2.65	2.87	44.4	14	1.15	1110	1	0.3	6	0.1
S11-81	644.00	646.00	2	33074	Seel	SGS	2011		33074	5.5	56	2	8.01	28	366	0.9	<5	2.63	2	14	71	476	3.64	2.83	100	17	1.09	2830	1	0.1	7	0.09
S11-81	646.00	648.00	2	33075	Seel	SGS	2011		33075	4.9	71	5	6.95	85	765	0.8	<5	1.29	13	17	76	311	4.21	3.37	304	5	0.84	7830	2	0.08	11	0.07
S11-81	648.00	650.00	2	33076	Seel	SGS	2011		33076	4.8	284	5	6.96	178	151	0.7	<5	1.93	12	53	52	171	5.56	3.33	53.4	5	0.84	3770	7	0.08	17	0.08
S11-81	650.00	652.00	2	33077	Seel	SGS	2011		33077	5.2	35	7	7.33	77	374	0.8	<5	1.8	20	30	81	233	4.1	3.09	22.2	5	0.88	4780	4	0.08	9	0.08
S11-81	652.00	654.00	2	33078	Seel	SGS	2011		33078	4.8	55	6	7.02	204	138	0.8	<5	1.16	8	107	85	249	5.31	3.52	12.9	4	0.64	6760	2	0.08	15	0.08
S11-81				33079	Seel	SGS	2011	Blank Mafic	33079	1.4	<5	<2	9.2	4	1170	1	<5	4.91	<1	23	119	53.3	6.12	1.7	47.4	18	3.14	896	1	2.97	81	0.39
S11-81	654.00	656.00	2	33080	Seel	SGS	2011		33080	5.2	71	10.5	5.85	254	178	0.7	6	0.76	46	27	83	331	7.38	2.95	30.8	5	0.79	>10000	8	0.07	15	0.08
S11-81	656.00	658.00	2	33081	Seel	SGS	2011		33081	5.5	31	2	6.34	92	261	0.7	<5	2.44	2	20	79	203	4.94	3.22	65.9	6	1.15	5070	4	0.1	9	0.13
S11-81	658.00	660.00	2	33082	Seel	SGS	2011		33082	4.8	5	2	7.82	72	562	0.9	<5	1.65	3	29	61	12	2.97	3.72	15.8	14	0.81	3380	2	0.07	5	0.07
S11-81	660.00	662.00	2	33083	Seel	SGS	2011		33083	5.2	24	<2	7.71	18	1120	0.9	<5	2.68	<1	20	50	9.8	2.15	3.46	25.6	20	1.04	1320	2	0.05	5	0.07
S11-81	662.00	664.00	2	33084	Seel	SGS	2011		33084	4.5	<5	<2	7.89	26	1180	1	<5	2.73	2	30	51	9.3	2.37	3.59	38.7	17	1.03	1510	2	0.21	5	0.07
S11-81	664.00	666.00	2	33085	Seel	SGS	2011		33085	4.8	<5	<2	7.71	17	1110	0.9	<5	2.95	<1	22	51	15.4	2.11	3.55	20.3	15	1.11	1370	3	0.08	5	0.07
S11-81	666.00	668.00	2	33086	Seel	SGS	2011		33086	4.7	23	<2	7.93	29	735	1	<5	1.73	7	20	60	134	2.94	3.23	11.8	15	0.8	5610	40	0.12	5	0.09
S11-81	668.00	670.00	2	33087	Seel	SGS	2011		33087	5	15	6	7.28	20	923	0.9	<5	0.74	26	10	75	63.6	4.01	3.48	11.4	5	0.72	9730	11	0.11	5	0.08
S11-81	670.00	672.00	2	33088	Seel	SGS	2011		33088	5	<5	3	7.56	17	1000	0.8	<5	1.43	12	11	62	36.5	3.38	3.75	15.9	4	0.84	8810	12	0.09	5	0.07
S11-81	672.00	674.00	2	33089	Seel	SGS	2011		33089	5.2	54	3	7	143	160	0.7	<5	2.27	3	75	78	320	6.4	3.34	68.9	4	1.06	4150	3	0.11	9	0.13
S11-81	674.00	676.00	2	33090	Seel	SGS	2011		33090	4.9	113	<2	7.7	38	715	0.8	<5	2.47	4	51	86	822	3.96	2.6	68.2	13	1.18	2350	16	1.09	9	0.1
S11-81	676.00	678.00	2	33091	Seel	SGS	2011		33091	5.1	73	<2	8.42	16	1600	0.8	<5	2.85	<1	33	73	376	2.87	2.94	50.6	13	1.12	1070	31	1.51	7	0.1
S11-81	678.00	680.00	2	33092	Seel	SGS	2011		33092	5.1	31	4	8.19	42	579	0.9	6	2.44	16	41	83	258	4.46	3.66	60.6	12	1.23	4650	38	0.13	8	0.11
S11-81	680.00	682.00	2	33093	Seel	SGS	2011		33093	4.9	32	2	7.83	67	457	0.9	<5	1.95	8	33	102	119	4.69	3.75	147	7	1.13	7240	100	0.12	8	0.12
S11-81	682.00	684.00	2	33094	Seel	SGS	2011		33094	5.2	71	<2	7.78	9	358	0.7	<5	2.91	<1	6	57	682	3.32	1.17	10.9	27	0.89	512	12	1.52	5	0.09
S11-81	684.00	686.00	2	33095	Seel	SGS	2011		33095	4.1	155	<2	7.98	6	882	0.8	<5	2.66	<1	6	78	1080	4.11	1.25	9.9	20	0.98	318	5	2.94	6	0.07
S11-81	686.00	688.00	2	33096	Seel	SGS	2011		33096	5	35	5	7.52	43	567	0.9	<5	2.52	10	6	65	814	3.59	3.06	13.3	16	1.07	3220	21	0.3	8	0.08
S11-81	688.00	690.00	2	33097	Seel	SGS	2011		33097	4.8	<5	6	7.91	363	479	0.9	<5	2.48	5	2	66	630	2.6	3.5	13.2	8	1.05	4350	13	0.29	4	0.09
S11-81	690.00	692.00	2	33098	Seel	SGS	2011		33098	4.7	9	3	7.61	16	881	0.8	<5	2.85	7	3	52	223	3.23	3.84	12.7	8	1.19	3690	2	0.08	6	0.08
S11-81	692.00	694.00	2	33099	Seel	SGS	2011		33099	4.9	9	3	7.67	26	1120	0.8	<5	1.72	16	2	47	96.7	3.46	3.97	12.2	7	0.98	6090	3	0.07	4	0.08

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-82	32	34	2	33103	Seel	SGS	2011		33103	7.9	200	<2	7.41	<3	472	1	<5	1.6	<1	14	21	1900	4.82	1.7	8.5	12	1.22	200	2	2.85	8	0.1
S11-82	34	36	2	33104	Seel	SGS	2011		33104	3.3	231	<2	6.4	3	428	0.9	<5	1.32	<1	14	26	2050	4.91	1.51	7.5	11	1.07	199	2	2.49	8	0.1
S11-82	36	38	2	33105	Seel	SGS	2011		33105	4.2	181	<2	7.13	<3	461	1	<5	1.51	<1	17	20	1960	5.45	1.64	7.7	13	1.17	234	3	2.78	9	0.11
S11-82	38	40	2	33106	Seel	SGS	2011		33106	4.8	85	<2	7.21	<3	666	1	<5	1.29	<1	11	22	994	4.93	2.06	12.2	16	1.23	330	3	2.7	8	0.1
S11-82	40	42	2	33107	Seel	SGS	2011		33107	3.5	58	<2	6.63	<3	846	0.9	<5	1.16	<1	10	20	680	4.06	2.31	10.8	18	1.19	333	1	2.96	8	0.09
S11-82	42	44	2	33108	Seel	SGS	2011		33108	4.6	303	<2	7.6	<3	406	0.9	<5	1.55	<1	11	22	2950	4.85	1.45	7.7	22	1.24	250	2	3.12	8	0.1
S11-82	44	46	2	33109	Seel	SGS	2011		33109	4.7	89	<2	8.05	<3	548	0.9	<5	1.45	<1	15	21	1250	4.94	2.22	9.5	20	1.18	320	4	2.61	9	0.12
S11-82	46	48	2	33110	Seel	SGS	2011		33110	4.7	222	<2	7.68	<3	292	1	<5	1.99	<1	12	22	2330	4.72	1.26	7.6	16	1.06	292	2	2.85	8	0.09
S11-82	48	50	2	33111	Seel	SGS	2011		33111	4.3	262	<2	7.7	<3	315	1	<5	1.99	<1	16	20	2770	5.23	1.31	8.5	37	0.7	376	5	1.22	7	0.08
S11-82	50	52	2	33112	Seel	SGS	2011		33112	4	560	<2	6.66	4	188	0.9	<5	3.1	<1	27	19	5060	6.34	0.9	5.9	42	0.73	432	2	0.99	7	0.07
S11-82	52	54	2	33113	Seel	SGS	2011		33113	4.7	232	<2	7.2	<3	732	0.8	<5	1.54	<1	13	18	2250	5.97	2.38	8.6	15	0.96	268	2	2.43	6	0.08
S11-82	54	56	2	33114	Seel	SGS	2011		33114	4.3	382	<2	6.47	<3	661	0.7	<5	1.33	<1	18	20	3760	6.46	2.16	6.6	15	0.95	266	3	2.05	6	0.08
S11-82	56	58	2	33115	Seel	SGS	2011		33115	4.4	281	<2	6.76	<3	304	0.8	<5	1.72	<1	22	18	3280	6.2	1.62	5	14	0.99	300	3	2.17	7	0.08
S11-82	58	60	2	33116	Seel	SGS	2011		33116	5.1	445	<2	6.72	<3	369	0.8	<5	1.71	<1	12	22	5280	8.08	1.47	6.4	14	0.91	273	1	2.14	6	0.08
S11-82	60	62	2	33117	Seel	SGS	2011		33117	4.6	423	<2	6.72	<3	400	0.7	<5	1.47	<1	12	19	4300	6.8	1.75	5.5	13	0.95	318	2	2.27	6	0.07
S11-82	62	64	2	33118	Seel	SGS	2011		33118	4.5	488	<2	5.41	3	248	0.6	<5	1.55	<1	12	18	5310	6.9	1.37	3.4	14	0.7	423	2	1.52	5	0.05
S11-82	64	66	2	33119	Seel	SGS	2011		33119	4.6	534	<2	5.3	<3	386	0.6	6	0.92	<1	20	18	5230	6.34	1.53	4.8	12	0.79	318	<1	1.94	6	0.06
S11-82	66	68	2	33120	Seel	SGS	2011		33120	4.9	225	<2	5.49	<3	473	0.6	<5	1.12	<1	23	19	2500	6.15	2.08	2.5	11	0.79	311	2	1.39	5	0.06
S11-82	68	70	2	33121	Seel	SGS	2011		33121	4.2	272	<2	6.45	<3	374	0.9	<5	1.21	<1	25	16	3230	6.01	1.98	3.7	15	1.03	354	1	1.93	6	0.08
S11-82	70	72	2	33122	Seel	SGS	2011		33122	4.5	449	<2	5.43	<3	434	0.6	<5	1.07	<1	11	26	3940	8.8	1.38	4.4	13	0.79	250	1	1.83	5	0.06
S11-82	72	74	2	33123	Seel	SGS	2011		33123	4.3	424	<2	3.83	<3	301	<0.5	<5	0.77	<1	9	19	4110	8.63	0.94	3	12	0.56	237	3	1.17	5	0.04
S11-82	74	76	2	33124	Seel	SGS	2011		33124	2.4	473	<2	5.41	<3	449	0.6	<5	1.28	<1	11	21	4800	8.31	1.29	3.8	14	0.73	305	4	1.67	6	0.06
S11-82	74	76	2	33125	Seel	SGS	2011	Duplicate of 33124	33125	2.1	477	<2	5.71	<3	444	0.6	<5	1.38	<1	10	19	4580	8.23	1.33	3.8	14	0.8	305	5	1.78	6	0.06
S11-82	76	78	2	33126	Seel	SGS	2011		33126	5.4	964	3	4.62	<3	285	<0.5	5	1.22	<1	20	20	7850	7.45	1.04	3.6	11	0.71	307	2	1.47	6	0.05
S11-82				33127	Seel	SGS	2011	Blank Mafic	33127	0.855	<5	<2	9.36	<3	1100	1.6	<5	4.81	<1	24	111	88.2	6.27	1.59	46.4	18	2.72	920	1	2.9	83	0.37
S11-82				33128	Seel	SGS	2011	Standard CDN-CGS-27	33128	0.02	I.S.	<2	7.98	55	589	1.2	<5	0.39	<1	20	73	3800	4.72	4.36	19.9	12	0.99	405	118	1.52	35	0.11
S11-82	78	80	2	33129	Seel	SGS	2011		33129	4.3	528	<2	5.48	<3	375	0.6	<5	1.32	<1	13	22	5020	9.74	1.12	4.1	13	0.86	287	<1	1.75	5	0.07
S11-82	80	82	2	33130	Seel	SGS	2011		33130	4.6	413	<2	5.19	<3	515	0.6	<5	1.28	<1	14	17	4230	8.04	1.22	3.4	12	0.78	363	9	1.52	5	0.06
S11-82	82	84	2	33131	Seel	SGS	2011		33131	5.7	423	<2	5.32	<3	371	0.6	<5	1.42	<1	17	21	4290	8.24	1.26	3.4	14	0.81	316	2	1.62	5	0.07
S11-82	84	86	2	33132	Seel	SGS	2011		33132	4.8	1000	<2	4.48	<3	332	0.5	<5	1.15	<1	17	16	7040	7.26	1.1	3	14	0.82	321	2	1.28	6	0.05
S11-82	86	88	2	33133	Seel	SGS	2011		33133	3.7	523	<2	4.15	<3	235	<0.5	<5	0.95	<1	13	20	5280	8.51	0.95	2.2	20	0.76	309	4	1.28	6	0.04
S11-82	88	90	2	33134	Seel	SGS	2011		33134	5.2	448	<2	2.02	<3	135	<0.5	<5	0.51	<1	8	15	5660	10.1	0.55	0.8	15	0.56	282	3	0.21	5	0.01
S11-82	90	92	2	33135	Seel	SGS	2011		33135	5.1	532	<2	2.74	<3	270	<0.5	<5	0.92	<1	13	25	5200	12.6	0.77	0.8	13	0.62	295	<1	0.44	6	0.02
S11-82	92	94	2	33136	Seel	SGS	2011		33136	4.3	412	<2	3.23	<3	152	<0.5	<5	0.77	<1	12	18	3920	12.6	0.72	0.7	14	0.68	285	1	0.84	5	0.02
S11-82	94	96	2	33137	Seel	SGS	2011		33137	5	408	<2	4.08	<3	156	0.6	<5	1.22	<1	11	27	4420	11.3	0.71	1.4	17	1.21	339	4	1.02	6	0.03
S11-82	96	98	2	33138	Seel	SGS	2011		33138	5.1	538	<2	2.93	<3	225	<0.5	<5	0.75	<1	10	18	5070	13.4	0.78	0.8	11	0.61	313	1	0.8	6	0.02
S11-82	98	100	2	33139	Seel	SGS	2011		33139	5.3	328	<2	6.58	7	631	0.7	<5	1.82	<1	14	18	2950	6.74	1.76	4.6	19	0.91	266	8	2.03	5	0.07
S11-82	100	102	2	33140	Seel	SGS	2011		33140	4.2	293	<2	7.1	11	793	0.8	<5	1.72	<1	17	18	2580	6.16	1.98	5.1	17	0.87	379	1	1.53	6	0.08
S11-82	102	104	2	33141	Seel	SGS	2011		33141	4.7	329	<2	6.79	<3	900	0.7	<5	1.93	<1	16	22	2510	5.99	1.99	5.1	19	0.95	286	2	1.7	6	0.09
S11-82	104	106	2	33142	Seel	SGS	2011		33142	5	379	<2	6.74	3	659	0.6	<5	2.23	<1	18	102	2910	5.67	1.69	5.9	16	1.06	236	7	1.91	7	0.08
S11-82	106	108	2	33143	Seel	SGS	2011		33143	5.2	380	<2	7.26	<3	1100	0.7	<5	1.95	<1	14	23	3020	5.2	1.78	6.4	16	1.08	202	4	2.13	6	0.09
S11-82	108	110	2	33144	Seel	SGS	2011		33144	3.8	413	<2	7.3	<3	461	0.7	<5	1.9	<1	13	26	3030	5.6	1.56	5.1	17	1.16	194	3	2.39	6	0.09
S11-82	110	112	2	33145	Seel	SGS	2011		33145	3.9	444	<2	6.73	<3	693	0.6	<5	1.92	1	19	103	3980	7.36	1.93	4.8	15	1.01	231	3	1.59	9	0.08
S11-82	112	114	2	33146	Seel	SGS	2011		33146	4.8	491	<2	6.89	7	667	0.6	<5	2.04	<1	12	23	3330	5.83	1.73	5.5	17	1.06	197	4	1.88	6	0.09
S11-82	114	116	2	33147	Seel	SGS	2011		33147	4.5	1020	3	5.04	11	378	<0.5	<5	1.58	2	25	110	6840	9.18	1.32	4	15	0.76	414	3	1	11	0.06
S11-82	116	118	2	33148	Seel	SGS	2011		33148	5.4	362	2	5.34	13	202	0.7	5	1.37	2	75	14	4450	10.3	1.5	4	17	0.72	706	4	0.32	10	0.07
S11-82	118	120	2	33149	Seel	SGS	2011		33149	2	567	<2	6.14	12	341	0.6	<5	1.7	<1	12	111	4910	6.56	2.01	4.7	14	0.78	762	17	0.86	8	0.07
S11-82	118	120	2	33150	Seel	SGS	2011	Duplicate of 33149	33150	2.3	572	<2	6.21	9	353	0.6	<5	1.72	1	11	21	4720	6.49	1.99	4.6	14	0.79	701	23	0.99	7	0.08
S11-82	120	122	2	33151	Seel	SGS	2011		33151	5	348	<2	5.41	4	298	0.6	<5	1.54	1	12	138	3110	6.53	1.28	3.6	16	0.81	499	7	1.49	7	0.06
S11-82	122	124	2	33152	Seel	SGS	2011		33152	5.5	489	<2	5.98	<3	297	0.7	<5	1.5	<1	8	20	5340	7.51	1.1	4.1	15	0.88	248	6	2.04	7	0.06
S11-82				33153	Seel	SGS	2011	Blank Mafic	33153	0.755	<5	<2	9.15	3	1130	0.8	<5	5.12	<1	30	154	58.4	5.91	1.53	44.1	17	3.19	891	1	2.8	81	0.38
S11-82	124	126	2	33154	Seel	SGS	2011		33154	4.4	492	<2	5.31	6	281	0.5	<5	1.6	1	12	19	4040	7.27	1.36	3.5	14	0.81	420	9	1.29	6	0.07
S11-82	126	128	2	33155	Seel	SGS	2011		33155	5.2	316	<2	6.59	9	281	0.6	<5	1.88	<1	9	120	3600	6.69	1.28	4	18	1.11	338	7	1.78	7	0.08
S11-82	128	130	2	33156	Seel	SGS	2011		33156	4.9	352	<2	5.03	<3	240	0.5	<5	1.63	1	9	20	3230	7.06	1.15	3.1	14	0.91	261	6	1.35	7	0.06
S11-82				33157	Seel	SGS	2011	Standard CDN-CGS-27	33157	0.02	I.S.	<2	7.54	55	586	0.9	<5	0.42	<1	22	72	3500	4.43	5.63	17.9	11	1.03	393	117	1.43	35	0.11
S11-82	130	132	2	33158	Seel	SGS	2011		33158	4.7	314	<2	5.72	<3	708	0.6	<5	1.65	1	9	131	2620	7.23	1.52	4.5	13	0.85	177	12	1.76	7	0.06
S11-82	132	134	2	33159	Seel	SGS	2011		33159	4.2	341	<2	6.39	<3	634	0.6	<5	1.45	<1	10	21	3040	5.75	1.8	4.3	14	0.92	206	9	2.16	6	0.08
S11-82	134	136	2	33160	Seel	SGS	2011		33160	5.2	419	<2	5.97	<3	705	0.6	<5	1.27	1	15	125	4060	8.41	1.97	5.7	13	0.83	233	11	1.82	8	0.08
S11-82	136	138	2	33161	Seel	SGS	2011		33161	5	455	<2	5.7	<3	644	0.5	<5	1.3	2	12	20	4320	9.35	1.76	3.9	11	0.81	244	9	1.87	7	0.07
S11-82	138	140	2	33162	Seel	SGS	2011		33162	4.2	509	<2	5.76	4	848	0.5	<5	1.44	2	17	122	4360	10.7	1.91	4.9	13	0.97	285	6	1.61	9	0.08
S11-82	140	142	2	33163	Seel	SGS	2011		33163	4.7	378	<2	6.21	5	464	0.9	<5	2.11	<1	11	105	2090	6.43	1.56	4.1	24	0.71	377	8	1.32	7	0.08
S11-82	142	144	2	33164	Seel	SGS	2011		33164	4.4	1180	<2	6.32	18	413	0.8	<5	1.68	<1	22	99	1620	7.32	1.98	4.6	24	0.65	336	3	0.85	6	0.08
S11-82	144	146	2	33165	Seel	SGS	2011		33165	4.8	460	<2	6.35	<3	933	0.8	<5	1.68	<1	9	102	3630	6.24	1.77	4.7	14	0.95	316	6	1.92	6	0.08
S11-82	146	148	2	33166	Seel	SGS	2011		33166	4.6	340	<2	6.29	<3	542	0.8	<5	1.68	<1	10	95	3630	5.83	1.34	4.6	12	0.97	294	7	2.06	7	0.08
S11-82	148	150	2	33167	Seel	SGS	2011		33167	2.2	525	<2	5.4	5	315	0.7	<5	1.7	<1	7	102	4910	5.54	1.18	3.7	12	1.11	319	4	1.67	7	0.07
S11-82	148	150		33168	Seel	SGS	2011	Duplicate of 33167	33168	2.2	517	<2	5.14	5	339	0.7	<5	1.65	<1	8	92	5010	5.62	1.14	3.3	13	1.13	321	5	1.53	7	0.06
S11-82	150	152	2	33169	Seel	SGS	2011		33169	4.9	389	<2	6.43	16	682	0.7	<5	1.78	<1	7	100	3270	5.13	1.55	4.8	12	0.94	279	5	2.15	7	0.08
S11-82	152	154	2	33170	Seel	SGS	2011		33170	5	677	<2	6.46	<3	529	0.8	<5	1.63	<1	9	96	3460	5.35	1.62	4.2	10	0.98	365	6	2.02	6	0.08
S11-82	154	156	2	33171	Seel	SGS	2011		33171	4.6	524	<2	6.61	<3	871	0.8	<5	1.31	<1	10	111	3480	5.98	1.9	5.4	12	0.95	230	3	2.15	6	0.09
S11-82	156	158	2	33172	Seel	SGS	2011		33172	4	301	<2	6.49	9	491	0.8	<5	1.63	<1	7	91	2960	5.09	1.49	5.1	11	1.05	269	6	2.19	6	0.08
S11-82	158	160	2	33173	Seel	SGS	2011		33173	5	546	<2	6.2	<3	483	0.8	<5	1.76	<1	8	119	4430	5.58	1.49	4.7	10	1.11	324	6	1.97	7	0.08
S11-82	160	162	2	33174	Seel	SGS	2011		33174	5.4	554	<2	6.19	<3	893	0.7	<5	1.45	<1	6	114	4710	6.16	1.89	5	10	0.97	257	2	1.96	7	0.08
S11-82	162	164	2	33175	Seel	SGS	2011		33175	5.1	275	<2	6.16	<3	733	0.7	<5	1.38	<1	9	118	2820	5.95	1.85	4.3	10	0.96	331	3	1.9	6	0.07
S11-82	164	166	2	33176	Seel	SGS	2011		33176	5.5	507	<2	6.2	<3	682	0.8	<5	1.54	<1	6	100	3600	6.75	1.59	4.2	9	0.96	220	3	2.06	6	0.07
S11-82	166	168	2	33177	Seel	SGS	2011		33177	4.5	341	<2	5.67	15	286	0.7	<5	1.66	<1	15	98	2800	5.49	1.2	4.6	10	0.9	428	6	1.79	7	0.08
S11-82	168	170	2	33178	Seel	SGS	2011		33178	4.8	414	<2	5.9	5	487	0.7	<5	1.54	<1	17	102	3340	5.87	1.3	3.9	10	0.95	436	6	1.94	8	0.08
S11-82	170	172	2	33179	Seel	SGS	2011		33179	5	321	<2	6.02	3	608	0.7	<5	1.62	<1	11	114	2820	5.1	1.42	4.6	10	0.88	315	7	2.02	6	0.08
S11-82	172	174	2	33180	Seel	SGS	2011		33180	4.5	368	<2	6.7	33	878	0.8	<5	1.77	<1	10	84	2880	6.19	2.01	5.5	11	0.95	410	3	1.81	6	0.09
S11-82	174	176	2	33181	Seel	SGS	2011		33181	4.6	436	<2	6.39	9	719	0.8	<5	1.69	<1	12	101	3590	5.09	1.43	5.2	12	1.18	345	8	2.03	7	0.08
S11-82	176	178	2	33182	Seel	SGS	2011		33182	5	325	<2	6.51	7	355	0.8	<5	1.71	<1	33	102	2030	5.81	1.42	4.4	10	1.06	432	6	2.02	7	0.08
S11-82	178	180	2	33183	Seel	SGS	2011		33183	5.2	368	<2	6.52	5	621	0.8	<5	1.66	<1	27	101	3580	7.84	1.54	3.8	10	1.11	430	3	1.99	9	0.08
S11-82	180	182	2	33184	Seel	SGS	2011		33184	4.7	285	<2	6.73	<3	939	0.8	<5	1.75	<1	8	88	2320	5.67	1.84	6.1	9	1.02	226	2	2.23	6	0.09
S11-82	182	184	2	33185	Seel	SGS	2011		33185	5.1	401	<2	6.19	3	539	0.8	<5	1.69	<1	18	111	3030	5.29	1.41	4.5	10	1	330	2	2.02	8	0.08

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-82	186	188	2	33189	Seel	SGS	2011		33189	4.9	248	<2	6.12	<3	296	0.8	<5	1.66	<1	7	101	2870	5.2	1.27	4	9	0.92	263	2	2.19	6	0.08
S11-82	188	190	2	33190	Seel	SGS	2011		33190	5	253	<2	6.17	<3	609	0.8	<5	1.72	<1	8	91	2370	5.93	1.64	4.4	10	0.87	301	2	1.86	7	0.08
S11-82	190	192	2	33191	Seel	SGS	2011		33191	4.5	124	<2	6.33	7	419	0.9	<5	1.78	<1	16	83	640	6.22	1.73	4.3	10	1.02	679	2	1.68	7	0.09
S11-82	192	194	2	33192	Seel	SGS	2011		33192	5.2	289	<2	6.17	18	421	0.7	<5	1.68	<1	38	96	1820	6.41	1.64	4.2	10	0.85	369	2	1.57	7	0.08
S11-82	194	196	2	33193	Seel	SGS	2011		33193	4.6	274	<2	6.5	<3	238	0.9	<5	1.89	<1	10	80	2550	5.96	1.26	4.1	11	1.06	418	5	2.24	7	0.09
S11-82	196	198	2	33194	Seel	SGS	2011		33194	5	300	<2	6.38	<3	659	0.8	<5	1.68	<1	15	87	3350	5.88	1.84	4.4	10	0.95	344	7	1.85	7	0.08
S11-82	198	200	2	33195	Seel	SGS	2011		33195	4.5	292	<2	6.02	4	719	0.7	<5	1.55	<1	10	91	2650	5.97	1.95	4.9	10	0.89	348	19	1.55	7	0.08
S11-82	200	202	2	33196	Seel	SGS	2011		33196	4.7	345	<2	6.39	<3	938	0.7	<5	1.73	<1	10	93	3380	5.45	2.3	5.3	10	0.92	373	7	1.59	7	0.07
S11-82	202	204	2	33197	Seel	SGS	2011		33197	4.8	287	<2	6.22	5	392	0.8	<5	1.76	<1	13	91	2710	5.71	1.64	5.2	12	1.06	976	13	1.13	7	0.08
S11-82	204	206	2	33198	Seel	SGS	2011		33198	5.2	100	<2	6.47	10	366	0.8	<5	1.52	<1	26	95	562	5.26	2.19	6.6	9	0.89	643	10	1.02	7	0.08
S11-82	206	208	2	33199	Seel	SGS	2011		33199	2.5	39	<2	6.84	13	439	0.7	<5	1.16	<1	25	81	193	5.52	3.54	16.3	11	0.58	630	10	0.85	6	0.08
S11-82	206	208		33200	Seel	SGS	2011	Duplicate of 33199	33200	2.1	68	<2	6.78	15	404	0.7	<5	1.16	<1	23	82	331	5.81	3.42	16.1	10	0.58	644	9	0.88	6	0.08
S11-82	208	210	2	33201	Seel	SGS	2011		33201	5.2	125	<2	7.06	4	432	1	<5	1.73	<1	20	72	1320	4.64	2.03	7.1	15	1.15	609	12	1.72	7	0.1
S11-82	210	212	2	33202	Seel	SGS	2011		33202	5	81	<2	7.24	3	324	0.8	<5	1.99	<1	19	76	457	5.27	1.63	7.5	15	1.15	541	11	2.18	6	0.09
S11-82	212	214	2	33203	Seel	SGS	2011		33203	5.2	203	<2	7.03	4	443	0.7	<5	2.13	<1	33	74	875	5.89	1.63	7.6	14	1.02	534	7	2.04	7	0.09
S11-82	214	216	2	33204	Seel	SGS	2011		33204	5	159	<2	6.42	4	466	0.7	<5	1.87	<1	20	105	1320	4.52	1.6	7	13	0.93	414	11	1.98	7	0.08
S11-82	216	218	2	33205	Seel	SGS	2011		33205	4.8	175	<2	7.14	4	512	0.7	<5	2.08	<1	19	75	1300	4.97	1.89	8.2	15	1.05	565	11	2.04	6	0.1
S11-82	218	220	2	33206	Seel	SGS	2011		33206	5	185	<2	6.94	8	406	0.7	<5	1.91	<1	44	91	390	5	2.05	7.5	12	0.91	699	4	1.62	6	0.09
S11-82	220	222	2	33207	Seel	SGS	2011		33207	5	100	<2	7.2	4	491	0.7	<5	1.87	<1	21	84	324	5.35	2	7.2	16	1	606	9	1.88	7	0.1
S11-82	222	224	2	33208	Seel	SGS	2011		33208	5.5	100	<2	7.21	<3	318	1.1	<5	2.35	2	27	82	606	4.81	1.79	8.8	21	1.09	1060	5	1.1	7	0.09
S11-82	224	226	2	33209	Seel	SGS	2011		33209	5	157	<2	6.97	4	462	1	<5	2.34	2	30	82	1100	4.71	1.78	7.6	15	1	865	6	1.4	17	0.09
S11-82	226	228	2	33210	Seel	SGS	2011		33210	5	114	<2	7.42	<3	373	1.1	<5	2.56	2	21	94	621	5.07	1.78	8.5	15	1.12	710	5	1.7	8	0.1
S11-82	228	230	2	33211	Seel	SGS	2011		33211	4.8	94	<2	7.3	<3	532	1.1	<5	2.16	2	21	74	420	5.5	2.09	8.5	31	1.05	783	6	1.7	7	0.1
S11-82	230	232	2	33212	Seel	SGS	2011		33212	5.2	123	<2	7.15	7	538	1.1	<5	2.14	2	21	98	641	4.57	2.3	7.6	14	0.96	828	5	1.22	7	0.1
S11-82	232	234	2	33213	Seel	SGS	2011		33213	4.8	202	<2	6.95	18	410	1.1	6	2.23	2	49	81	341	5.2	2.23	7.9	20	1.04	918	3	1	7	0.09
S11-82	234	236	2	33214	Seel	SGS	2011		33214	5.2	140	<2	7.11	7	404	1	<5	2.18	2	38	82	924	5.45	2.49	6.2	20	0.97	619	5	1.73	7	0.09
S11-82	236	238	2	33215	Seel	SGS	2011		33215	5.3	286	<2	7.28	<3	842	1	<5	2.08	2	11	79	3330	4.69	2.09	7.7	13	1.05	254	5	2.45	7	0.1
S11-82	238	240	2	33216	Seel	SGS	2011		33216	6	597	<2	6.77	<3	672	0.9	<5	1.95	3	10	91	5410	6.64	2.12	6.1	13	0.96	340	5	2.1	7	0.09
S11-82	240	242	2	33217	Seel	SGS	2011		33217	4.9	258	<2	6.91	5	573	1	<5	2.05	2	24	90	2000	4.74	1.8	7.7	11	1.04	456	8	2.13	8	0.09
S11-82	242	244	2	33218	Seel	SGS	2011		33218	4.1	151	<2	7.28	4	451	1.1	6	2.26	2	14	99	1220	5.13	1.64	8.2	14	1.14	537	6	2.24	7	0.1
S11-82	244	246	2	33219	Seel	SGS	2011		33219	5	128	<2	7.32	11	518	1	<5	2.17	2	29	81	581	4.8	1.87	9.1	13	1.05	517	6	2	7	0.1
S11-82	246	248	2	33220	Seel	SGS	2011		33220	2.2	194	<2	7.93	<3	784	1.1	<5	2.52	2	10	91	2170	3.86	1.45	9.7	12	1.09	250	6	2.7	7	0.1
S11-82	246	248	2	33221	Seel	SGS	2011	Duplicate of 33220	33221	2.6	229	<2	7.94	<3	766	1.1	<5	2.54	2	10	83	2330	4.11	1.5	10	12	1.08	249	5	2.71	7	0.1
S11-82	248	250	2	33222	Seel	SGS	2011		33222	4.6	130	<2	7.41	5	354	1.1	<5	2.1	2	15	91	855	5.3	1.75	6.5	15	1.24	454	8	2.13	7	0.1
S11-82				33223	Seel	SGS	2011	Blank Mafic	33223	1	12	<2	8.94	5	1160	2.6	8	5.2	3	32	137	52	5.95	1.51	42.5	17	3.12	948	1	2.76	83	0.4
S11-82				33224	Seel	SGS	2011	Standard CDN-CGS-27	33224	0.02	I.S.	<2	8	58	612	0.9	<5	0.44	<1	19	62	3600	4.42	6.08	19	11	1.04	399	112	1.46	35	0.12
S11-82	250	252	2	33225	Seel	SGS	2011		33225	5	90	<2	7.43	10	256	0.8	<5	2.06	<1	24	78	130	3.93	1.85	8.2	13	1.03	514	7	1.91	6	0.1
S11-82	252	254	2	33226	Seel	SGS	2011		33226	5.1	107	<2	6.44	16	225	0.7	<5	1.9	1	49	94	301	7.56	2.34	5.1	15	1.13	603	21	0.51	9	0.08
S11-82	254	256	2	33227	Seel	SGS	2011		33227	5	119	<2	7.71	41	266	0.9	<5	0.97	1	18	59	436	7.78	2.91	5.8	24	0.83	626	27	0.06	7	0.07
S11-82	256	258	2	33228	Seel	SGS	2011		33228	5	134	<2	6.93	36	309	0.7	<5	1.2	1	43	98	36.8	5.57	2.43	7.7	18	0.79	556	10	0.05	6	0.1
S11-82	258	260	2	33229	Seel	SGS	2011		33229	5	138	<2	6.81	18	282	0.7	<5	1.69	<1	42	79	175	5.63	2.49	4.6	18	0.87	595	9	0.05	9	0.08
S11-82	260	262	2	33230	Seel	SGS	2011		33230	4.6	160	<2	7.4	<3	618	0.8	<5	2.59	<1	20	89	1620	4.52	1.21	7.3	14	1.15	431	8	2.16	8	0.09
S11-82	262	264	2	33231	Seel	SGS	2011		33231	5	214	<2	7.63	5	479	0.8	<5	2.66	<1	17	83	1500	4.5	1.32	9.3	15	1.12	482	11	1.66	7	0.1
S11-82	264	266	2	33232	Seel	SGS	2011		33232	5.1	89	<2	7.05	12	400	0.8	<5	2.52	<1	87	92	287	4.61	1.34	7.6	27	1.11	718	15	0.07	7	0.09
S11-82	266	268	2	33233	Seel	SGS	2011		33233	4.9	130	<2	8.02	8	112	0.7	<5	3.04	<1	20	69	1240	4.51	0.9	11.7	29	1.12	547	4	0.64	8	0.11
S11-82	268	270	2	33234	Seel	SGS	2011		33234	4.9	79	<2	7.74	5	395	0.8	<5	2.36	<1	17	75	292	3.67	1.64	7.6	13	0.92	300	4	2.07	6	0.1
S11-82	270	272	2	33235	Seel	SGS	2011		33235	5.3	187	<2	7.86	<3	726	0.7	<5	2.63	<1	9	80	1840	3.96	1.44	11.7	14	1.13	194	3	2.47	7	0.1
S11-82	272	274	2	33236	Seel	SGS	2011		33236	5.1	373	<2	7.82	4	659	0.7	<5	2.41	<1	14	81	3600	4	1.39	10.2	14	1.12	199	5	2.44	7	0.09
S11-82	274	276	2	33237	Seel	SGS	2011		33237	5.1	155	<2	6.78	7	328	0.7	<5	2.09	<1	27	73	452	4.1	1.71	7.7	10	0.97	322	6	1.96	7	0.08
S11-82	276	278	2	33238	Seel	SGS	2011		33238	5.5	119	<2	6.72	6	248	0.7	<5	1.79	<1	38	84	242	5.32	1.62	6	14	1.07	359	7	1.82	7	0.08
S11-82	278	280	2	33239	Seel	SGS	2011		33239	5.1	165	<2	7.27	<3	371	0.7	<5	2.09	<1	32	77	980	4.55	1.65	6.5	15	1.2	314	7	2.2	7	0.09
S11-82	280	282	2	33240	Seel	SGS	2011		33240	4.7	69	<2	6.87	10	223	0.7	<5	1.88	<1	71	68	122	5.55	1.57	4.9	14	1.1	351	6	2.02	7	0.09
S11-82	282	284	2	33241	Seel	SGS	2011		33241	5.1	176	<2	7.28	14	436	0.7	<5	2.21	<1	54	69	1260	5.08	1.59	5.6	19	1.1	333	6	1.41	6	0.09
S11-82	284	286	2	33242	Seel	SGS	2011		33242	5.2	131	<2	7.34	7	502	0.8	<5	2.64	<1	21	72	1400	4.3	1.67	6.2	25	1.13	399	19	0.35	6	0.1
S11-82	286	288	2	33243	Seel	SGS	2011		33243	5.2	105	<2	8.31	<3	443	0.7	<5	2.53	<1	19	51	929	3.78	1.58	8.6	17	1.22	270	19	2.22	7	0.1
S11-82	288	290	2	33244	Seel	SGS	2011		33244	4.9	189	<2	7.76	<3	700	0.7	<5	2.42	<1	21	64	1990	3.77	1.71	9.3	16	1.22	306	10	2.2	8	0.09
S11-82	290	292	2	33245	Seel	SGS	2011		33245	5.1	77	<2	7.75	7	482	0.8	<5	2.26	<1	31	72	312	3.96	2.07	7.2	13	1.14	382	11	1.95	6	0.09
S11-82	292	294	2	33246	Seel	SGS	2011		33246	5.3	88	<2	7.39	4	449	0.8	<5	2.19	<1	20	78	276	4.02	1.93	7.9	15	1.04	339	15	1.99	6	0.1
S11-82	294	296	2	33247	Seel	SGS	2011		33247	5.2	140	<2	7.96	6	587	0.7	<5	2.81	<1	31	72	1340	3.83	1.67	11.5	22	1.06	219	8	2.3	7	0.1
S11-82	296	298	2	33248	Seel	SGS	2011		33248	4.7	233	<2	8.21	5	1090	0.9	<5	2.54	<1	13	66	2370	3.38	1.53	10.9	21	1.15	323	11	1.77	7	0.1
S11-82	298	300	2	33249	Seel	SGS	2011		33249	4.3	210	<2	7.71	11	1080	0.7	<5	2.57	<1	12	67	2360	3.78	1.91	10.3	18	1.11	314	18	1.69	7	0.1
S11-82	300	302	2	33250	Seel	SGS	2011		33250	6.1	134	<2	7.81	<3	784	0.7	9	2.5	<1	16	82	1670	4.05	1.57	11.8	12	1.11	187	6	2.45	7	0.11
S11-82	302	304	2	33251	Seel	SGS	2011		33251	3.1	102	<2	7.51	<3	518	0.7	10	2.46	<1	12	82	1620	4.42	1.51	10.3	15	1.09	223	11	2.52	6	0.11
S11-82	304	306	2	33252	Seel	SGS	2011		33252	5.3	155	<2	7.33	<3	574	0.8	9	2.58	<1	16	74	1990	4.88	1.44	11.8	16	1.1	373	8	1.93	7	0.11
S11-82	306	308	2	33253	Seel	SGS	2011		33253	5.2	63	<2	6.48	9	245	0.7	10	2.27	<1	53	95	162	4.94	1.72	6.9	13	0.96	801	8	1.35	6	0.08
S11-82	308	310	2	33254	Seel	SGS	2011		33254	2.6	67	<2	7.4	9	337	0.8	8	2.43	<1	24	76	224	4.56	1.76	7.8	17	1.07	843	8	1.22	6	0.11
S11-82	308	310	2	33255	Seel	SGS	2011	Duplicate of 33254	33255	2.9	66	<2	7.08	15	259	0.8	8	2.29	<1	47	83	256	4.7	1.81	7.9	16	1.02	919	6	1.13	6	0.09
S11-82				33256	Seel	SGS	2011	Blank Mafic	33256	0.705	<5	<2	8.96	4	1170	0.8	16	4.89	<1	27	115	61.3	6.04	1.52	43.7	16	2.85	814	2	2.59	87	0.4
S11-82				33257	Seel	SGS	2011	Standard CDN-CGS-27	33257	0.02	I.S.	2	7.83	58	552	0.9	6	0.42	<1	19	61	3570	4.52	3.82	19.5	11	1.01	370	109	1.38	37	0.12
S11-82	310	312	2	33258	Seel	SGS	2011		33258	5.3	240	<2	7.14	<3	907	0.7	8	2.23	<1	15	85	2530	4.35	1.22	8.1	13	1.18	309	16	2.37	7	0.1
S11-82	312	314	2	33259	Seel	SGS	2011		33259	5.2	42	<2	7.16	7	561	0.8	8	2.3	<1	20	86	355	4.54	1.98	6.3	21	1.07	499	12	0.89	6	0.08
S11-82	314	316	2	33260	Seel	SGS	2011		33260	4.9	12	<2	6.49	4	184	0.7	9	2.05	<1	15	89	58.9	5.07	1.78	5.3	16	0.95	367	2	0.85	6	0.08
S11-82	316	318	2	33261	Seel	SGS	2011		33261	4.8	86	<2	6.26	364	176	0.6	10	2.64	<1	81	60	422	6.24	1.51	8.8	24	0.98	391	14	0.03	7	0.08
S11-82	318	320	2	33262	Seel	SGS	2011		33262	4.3	129	<2	7.68	4	719	0.7	9	2.6	<1	14	62	1310	3.25	1.16	10.4	21	0.96	247	15	0.97	5	0.1
S11-82	320	322	2	33263	Seel	SGS	2011		33263	4.7	80	<2	7.42	<3	1460	0.9	9	2.2	<1	10	79	699	3.47	1.5	8.7	12	0.91	229	11	2.25	5	0.1
S11-82	322	324	2	33264	Seel	SGS	2011		33264	4.6	52	<2	7.52	<3	691	0.8	8	2.58	<1	10	75	313	4.07	1.64	8.6	17	1.18	262	8	1.42	6	0.09
S11-82	324	326	2	33265	Seel	SGS	2011		33265	5.6	49	<2	7.35	3	398	0.8	8	2.8	<1	14	70	254	3.83	1.5	8.6	15	1.17	281	9	1.3	6	0.1
S11-82	326	328	2	33266	Seel	SGS	2011		33266	4.4	116	<2	6.7	29	157	0.7	9	3.13	<1	110	77	217	4.68	1.71	7.5	23	1.23	470	9	0.22	5	0.09
S11-82	328	330	2	33267	Seel	SGS	2011		33267	4.6	116	<2	7.85	4	104	0.7	7	2.76	<1	13	59	1370	3.6	1.07	9.1	33	1.13	372	14	0.25	6	0.11
S11-82	330	332	2	33268	Seel	SGS	2011		33268	4.7	79	<2	7.33	6	157	0.7	10	2.52	<1	23	77	491	4.21	1.22	9.1	28	1.07	369	8	0.41	8	0.1
S11-82	332	334	2	33269	Seel	SGS	2011		33269	4.8	90	<2	7.65	13	172	0.7	9	2.79	<1	24	64	181	4.64	1.41	9.7	34	1.13	414	9	0.05	6	0.11
S11-82	334	336	2	33270	Seel	SGS	2011		33270	4.8	120	<2	6.96	31	79	0.6	9	3.5	<1	26	66	714	4.41	1.04	9.2	38	1.3	342	7	0.03	8	0.1
S11-82	336	338	2	33271	Seel	SGS	2011		33271	4.8	226	<2	8.15	7	180	0.7	8	2.87	<1	17	65	1720	3.97	1.14	13.9	35	1.08	241	8	0.08	8	0.11

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-82	342	344		33275	Seel	SGS	2011	Duplicate of 33274	33275	2.1	124	<2	7.4	6	381	0.7	5	3.99	<1	8	48	1370	2.65	1.58	11.9	25	1.5	326	11	0.03	5	0.09
S11-82				33276	Seel	SGS	2011	Blank Mafic	33276	0.885	<5	<2	9.13	<3	1200	0.8	19	4.84	<1	27	114	63.4	6.13	1.59	46.7	14	2.85	844	2	2.66	84	0.42
S11-82				33277	Seel	SGS	2011	Standard CDN-CGS-27	33277	0.02	I.S.	<2	7.98	57	605	0.9	8	0.42	<1	19	63	3550	4.65	4.81	19.7	11	1.01	377	119	1.41	37	0.12
S11-82	344	346	2	33278	Seel	SGS	2011		33278	4.7	134	<2	7.26	8	130	0.7	6	2.75	<1	11	57	1710	3.56	1.55	10.7	33	1.19	298	12	0.04	7	0.1
S11-82	346	348	2	33279	Seel	SGS	2011		33279	4.8	185	<2	7.89	<3	1450	0.7	8	2.57	<1	12	70	1880	3.72	1.46	9.6	15	1.11	234	16	2	7	0.11
S11-82	348	350	2	33280	Seel	SGS	2011		33280	5	151	<2	7.34	<3	751	0.7	8	2.64	<1	9	68	1510	3.39	1.19	10.3	13	1.05	168	9	2.42	7	0.11
S11-82	350	352	2	33281	Seel	SGS	2011		33281	4.9	196	<2	8.23	4	890	0.6	8	2.68	<1	13	78	1570	3.85	2.03	12.4	13	1.09	159	9	2.41	7	0.11
S11-82	352	354	2	33282	Seel	SGS	2011		33282	4.5	271	<2	8	<3	1210	0.6	7	2.96	<1	12	72	2040	3.92	1.89	12.3	12	1.02	178	5	2.43	7	0.11
S11-82	354	356	2	33283	Seel	SGS	2011		33283	4.8	183	<2	7.46	6	1160	0.7	9	2.16	<1	15	76	343	3.65	1.82	10.2	13	0.85	254	7	1.7	6	0.1
S11-82	356	358	2	33284	Seel	SGS	2011		33284	4.7	142	5	6.93	35	226	0.7	6	2.05	8	70	87	498	4.59	2.3	9.2	18	0.92	873	7	0.66	6	0.09
S11-82	358	360	2	33285	Seel	SGS	2011		33285	4.7	178	<2	7.23	<3	602	0.6	8	2.46	<1	22	93	1440	4.23	1.66	14.4	12	0.96	215	12	2.14	7	0.09
S11-82	360	362	2	33286	Seel	SGS	2011		33286	4.6	176	<2	7.88	<3	771	0.6	8	2.86	<1	7	77	1320	2.89	1.87	14.6	13	1.09	135	36	2.48	7	0.1
S11-82	362	364	2	33287	Seel	SGS	2011		33287	0.49	99	<2	7.83	<3	758	0.7	8	2.65	<1	11	82	703	3.15	1.81	13.6	13	1.15	169	9	2.65	7	0.11
S11-82	364	366	2	33288	Seel	SGS	2011		33288	4.9	122	<2	8.05	<3	707	0.7	8	2.63	<1	11	72	747	3.31	1.88	11.1	14	1.2	194	7	2.53	7	0.11
S11-82	366	368	2	33289	Seel	SGS	2011		33289	4.9	145	<2	8.02	10	658	0.7	9	4.08	<1	13	71	1790	3.36	1.79	16	23	1.15	164	11	1.7	8	0.11
S11-82	368	370	2	33290	Seel	SGS	2011		33290	4.5	84	<2	7.65	5	567	0.8	7	4.59	<1	9	61	1000	2.78	2.11	15.2	26	1.35	167	13	0.52	6	0.1
S11-82	370	372	2	33291	Seel	SGS	2011		33291	4.8	77	<2	7.57	16	443	0.8	8	2.39	<1	13	74	480	3.51	1.85	7.3	15	1.41	275	15	2.04	7	0.11
S11-82	372	374	2	33292	Seel	SGS	2011		33292	2.2	54	<2	7.64	8	386	0.7	7	5.67	<1	6	61	618	2.83	1.34	12.2	26	1.41	190	5	0.84	7	0.1
S11-82	372	374		33293	Seel	SGS	2011	Duplicat of 33292	33293	2.2	65	<2	7.31	5	511	0.7	9	5.3	<1	8	60	710	2.68	1.43	12.2	26	1.35	187	8	0.74	7	0.1
S11-82				33294	Seel	SGS	2011	Blank Mafic	33294	0.755	<5	<2	9.16	<3	1190	0.7	16	5.04	<1	26	116	38.2	6.11	1.53	44.8	14	2.89	965	2	2.67	85	0.4
S11-82				33295	Seel	SGS	2011	Standard CDN-CGS-27	33295	0.015	I.S.	2	8.04	59	612	0.9	7	0.43	<1	19	57	3760	4.66	3.23	20.1	12	1.04	386	118	1.46	37	0.12
S11-82	374	376	2	33296	Seel	SGS	2011		33296	5.5	47	<2	7.92	<3	513	0.8	8	2.69	<1	10	62	576	3.64	1.45	12.4	17	1.36	160	8	2.11	7	0.11
S11-82	376	378	2	33297	Seel	SGS	2011		33297	4.6	75	<2	7.02	4	316	0.6	8	4.58	<1	8	71	208	4.42	1.56	8.4	17	1.14	294	4	1.62	6	0.09
S11-82	378	380	2	33298	Seel	SGS	2011		33298	4.5	91	<2	7.97	<3	537	0.7	9	2.34	<1	7	68	1090	4.31	1.66	12.4	14	1.27	212	3	2.73	7	0.11
S11-82	380	382	2	33299	Seel	SGS	2011		33299	5.1	36	<2	7.84	5	651	0.8	6	2.77	<1	11	63	375	4.23	1.68	12.2	15	1.31	264	10	2.57	6	0.11
S11-82	382	384	2	33300	Seel	SGS	2011		33300	4.9	93	<2	8.06	<3	830	0.7	6	2.6	<1	12	78	927	3.82	1.7	11.9	13	1.13	211	10	2.46	7	0.1
S11-82	384	386	2	33301	Seel	SGS	2011		33301	5.3	78	<2	7.87	6	605	0.7	11	2.53	<1	11	65	505	4.45	1.67	11.1	15	1.25	310	16	2.3	7	0.1
S11-82	386	388	2	33302	Seel	SGS	2011		33302	5	117	<2	7.71	99	531	0.7	9	2.85	<1	12	94	227	3.71	1.92	9.9	18	1.09	747	5	1.7	6	0.1
S11-82	388	390	2	33303	Seel	SGS	2011		33303	4.5	127	<2	8.02	4	724	0.8	7	2.44	<1	16	69	1860	3.8	1.55	11.8	17	1.16	258	20	1.97	7	0.11
S11-82	390	392	2	33304	Seel	SGS	2011		33304	4.7	117	11.7	7.65	56	1070	0.9	7	2.35	<1	9	70	1780	2.82	2.59	12.4	23	0.98	1190	10	0.67	6	0.11
S11-82	392	394	2	33305	Seel	SGS	2011		33305	3.9	72	4	7.36	55	862	0.8	8	2.01	<1	11	82	498	3.18	2.62	11.4	19	0.87	1010	5	0.91	6	0.11
S11-82	394	396	2	33306	Seel	SGS	2011		33306	5.9	56	<2	7.3	6	589	0.7	7	2.25	<1	10	79	386	4.07	1.97	7.8	19	1.12	464	5	1.92	6	0.09
S11-82	396	398	2	33307	Seel	SGS	2011		33307	4.7	78	<2	7.11	22	322	0.8	7	2.35	3	17	84	190	3.86	1.95	9.8	13	0.94	1300	2	1.68	5	0.09
S11-82	398	400	2	33308	Seel	SGS	2011		33308	2.1	69	<2	7.73	4	466	0.8	9	2.57	<1	17	83	301	4.29	1.51	9.6	13	1.17	454	6	2.57	7	0.1
S11-82	398	400	2	33309	Seel	SGS	2011	Duplicat of 33308	33309	2.3	69	<2	7.8	<3	500	0.8	9	2.65	<1	18	77	287	3.96	1.48	9.8	13	1.16	442	7	2.6	7	0.11
S11-82				33310	Seel	SGS	2011	Blank Mafic	33310	0.71	9	<2	9.22	7	1180	0.7	<5	5.24	<1	29	97	52.3	6	1.57	46.3	18	3.04	1020	2	2.78	86	0.41
S11-82				33311	Seel	SGS	2011	Standard CDN-CGS-27	33311	0.02	I.S.	2	8.13	58	284	0.9	<5	0.44	<1	21	58	3750	4.46	5.95	19.3	12	1.05	419	120	1.43	37	0.12
S11-82	400	402	2	33312	Seel	SGS	2011		33312	5.2	71	<2	7.91	24	631	0.7	<5	2.56	<1	15	18	326	3.72	1.85	11	22	1.11	1270	5	2.29	6	0.11
S11-82	402	404	2	33313	Seel	SGS	2011		33313	5.1	95	<2	7.66	<3	535	0.7	<5	2.71	<1	12	16	1140	3.87	1.41	12.5	14	1.08	227	12	2.82	6	0.1
S11-82	404	406	2	33314	Seel	SGS	2011		33314	5.9	112	<2	7.93	3	617	0.8	<5	2.76	<1	19	18	1120	3.6	1.63	10.9	14	1.14	277	7	2.77	7	0.11
S11-82	406	408	2	33315	Seel	SGS	2011		33315	5.2	66	<2	7.9	<3	640	0.7	<5	2.42	<1	15	13	118	2.52	2.37	7.3	10	0.94	425	23	2.46	5	0.1
S11-82	408	410	2	33316	Seel	SGS	2011		33316	5	157	<2	8.03	<3	794	0.7	<5	2.55	<1	16	18	1090	3.3	2.15	10.4	13	1.1	251	9	2.75	6	0.1
S11-82	410	412	2	33317	Seel	SGS	2011		33317	5.1	160	<2	8.03	6	723	0.7	<5	2.54	<1	12	18	1860	4.49	1.98	11.3	14	1.14	438	6	2.88	7	0.11
S11-82	412	414	2	33318	Seel	SGS	2011		33318	5.3	78	<2	7.96	3	660	0.8	<5	2.3	<1	19	18	329	3.73	1.9	9.1	13	1.11	359	19	2.83	6	0.12
S11-82	414	416	2	33319	Seel	SGS	2011		33319	4.9	136	<2	8.62	4	615	0.7	<5	2.68	<1	17	17	1400	3.69	1.85	14.1	15	1.31	268	18	2.94	8	0.12
S11-82	416	418	2	33320	Seel	SGS	2011		33320	5.1	122	<2	8.07	<3	564	0.7	<5	3.04	<1	12	17	1510	3.24	1.7	11.4	14	1.33	300	23	2.77	7	0.12
S11-82	418	420	2	33321	Seel	SGS	2011		33321	4.7	134	<2	7.48	9	555	0.6	<5	2.64	<1	18	15	836	3.4	1.78	11	14	1	791	11	2.17	6	0.1
S11-82	420	422	2	33322	Seel	SGS	2011		33322	5	257	<2	8.12	32	559	0.7	<5	3.17	<1	12	16	2750	3.7	2.08	13.1	14	1.03	351	31	2.22	8	0.14
S11-82	422	424	2	33323	Seel	SGS	2011		33323	5.3	150	<2	7.7	6	632	0.7	<5	2.75	<1	15	15	1250	3.46	1.85	11.7	13	1.08	348	10	2.42	6	0.12
S11-82	424	426	2	33324	Seel	SGS	2011		33324	4.9	127	<2	8.55	<3	725	0.7	<5	2.74	<1	11	16	1050	3.13	1.76	13.2	13	1.14	249	4	2.84	7	0.11
S11-82	426	428	2	33325	Seel	SGS	2011		33325	1.8	54	<2	7.46	8	578	0.6	<5	3.12	<1	33	13	256	2.98	1.64	9.8	12	1.15	393	2	2.11	6	0.1
S11-82	426	428	2	33326	Seel	SGS	2011	Duplicate of 33325	33326	2	61	<2	7.69	8	501	0.7	<5	3.12	<1	35	13	325	2.94	1.59	9.5	13	1.12	376	4	2.13	7	0.1
S11-82				33327	Seel	SGS	2011	Blank Mafic	33327	0.525	6	<2	8.99	4	1170	0.8	<5	5.49	<1	29	102	230	5.82	1.55	45.5	8	2.4	914	2	2.86	86	0.42
S11-82				33328	Seel	SGS	2011	Standard CDN-CGS-27	33328	0.02	I.S.	2	8.1	58	191	0.9	<5	0.44	<1	21	56	3760	4.5	5.6	18.8	11	1.05	421	124	1.42	37	0.12
S11-82	428	430	2	33329	Seel	SGS	2011		33329	5.2	147	<2	7.74	<3	541	0.7	<5	2.63	<1	17	14	951	2.49	1.75	9.3	11	1.11	354	9	2.57	6	0.1
S11-82	430	432	2	33330	Seel	SGS	2011		33330	5.3	260	<2	8.31	<3	641	0.8	<5	2.51	<1	8	19	2230	2.67	1.83	11.9	16	1.19	278	8	2.58	7	0.11
S11-82	432	434	2	33331	Seel	SGS	2011		33331	4.2	176	<2	8.43	<3	630	0.8	<5	3.03	<1	10	15	1980	2.31	1.71	12.2	14	1.17	184	13	2.88	7	0.12
S11-82	434	436	2	33332	Seel	SGS	2011		33332	5.1	92	<2	8.61	<3	645	0.7	<5	2.79	<1	10	14	691	3.16	1.59	11.5	14	1.2	250	3	2.79	6	0.12
S11-82	436	438	2	33333	Seel	SGS	2011		33333	4.7	198	<2	7.95	3	479	0.7	<5	3.07	<1	11	23	1420	4.27	1.61	17.3	17	1.49	276	5	2.46	8	0.13
S11-82	438	440	2	33334	Seel	SGS	2011		33334	4.9	151	<2	8.48	<3	636	0.7	<5	3.11	<1	9	16	1470	2.33	1.77	13.7	14	1.24	176	7	2.77	7	0.11
S11-82	440	442	2	33335	Seel	SGS	2011		33335	4.2	67	<2	8.06	<3	456	0.7	<5	2.97	<1	8	15	1820	2.46	1.34	11.3	16	1.15	213	9	2.36	5	0.11
S11-82	442	444	2	33336	Seel	SGS	2011		33336	5.2	238	<2	7.1	31	145	0.6	<5	3.56	<1	68	15	2180	4.25	1.57	20.8	14	1.11	351	13	2	9	0.1
S11-82	444	446	2	33337	Seel	SGS	2011		33337	5.3	187	<2	8.2	5	265	0.7	<5	2.86	<1	25	19	1390	3.45	1.48	17.9	15	1.26	286	10	2.68	7	0.13
S11-82	446	448	2	33338	Seel	SGS	2011		33338	5.1	180	<2	8.51	<3	529	0.7	<5	2.4	<1	10	17	1490	2.37	1.62	13.2	15	1.22	165	5	2.85	6	0.11
S11-82	448	450	2	33339	Seel	SGS	2011		33339	4.9	149	<2	8.38	<3	848	0.7	<5	2.85	<1	14	14	1460	2.86	2	13.5	15	1.17	216	13	2.64	8	0.12
S11-82	450	452	2	33340	Seel	SGS	2011		33340	4.9	166	<2	8.37	<3	1240	0.7	<5	2.78	<1	14	15	1610	3	2.16	13.1	14	1.08	216	4	2.47	8	0.11
S11-82	452	454	2	33341	Seel	SGS	2011		33341	5.5	75	<2	7.9	5	1100	0.8	<5	3.17	<1	18	15	734	3.27	1.92	14.1	15	1.05	229	4	2.09	7	0.11
S11-82	454	456	2	33342	Seel	SGS	2011		33342	4.9	146	<2	8.1	<3	994	0.7	<5	2.7	<1	12	16	1490	3.38	1.98	12.8	14	1.04	275	4	2.48	7	0.1
S11-82	456	458	2	33343	Seel	SGS	2011		33343	2.1	107	<2	7.73	5	556	0.7	<5	2.59	<1	18	15	1250	3.04	2.01	12.6	13	1.01	235	4	2.2	7	0.11
S11-82	456	458	2	33344	Seel	SGS	2011	Duplicate of 33343	33344	2.3	140	<2	8.29	3	744	0.7	<5	2.55	<1	20	14	1530	3.11	2.09	12.2	13	0.97	250	4	2.29	7	0.11
S11-82				33345	Seel	SGS	2011	Blank Mafic	33345	0.815	<5	<2	9.13	3	1130	0.6	<5	5.37	<1	28	108	66.4	6.03	1.54	44.4	16	2.91	920	2	2.8	87	0.41
S11-82				33346	Seel	SGS	2011	Standard CDN-CGS-27	33346	0.035	445	2	8.01	58	560	0.9	<5	0.43	<1	21	58	3770	4.42	6.14	19.9	11	1.06	425	123	1.41	37	0.12
S11-82	458	460	2	33347	Seel	SGS	2011		33347	4.8	167	<2	7.76	<3	964	0.7	<5	2.76	<1	13	15	1480	3.39	2.01	13.2	14	0.98	254	5	2.5	7	0.11
S11-82	460	462	2	33348	Seel	SGS	2011		33348	4.9	169	<2	7.68	4	1070	0.7	<5	2.69	<1	14	15	1370	3.27	1.8	13.2	14	1.03	232	4	2.29	7	0.09
S11-82	462	464	2	33349	Seel	SGS	2011		33349	5.2	111	<2	7.09	13	266	0.6	<5	2.8	<1	35	17	389	4.68	1.43	17.5	13	0.97	260	4	2.33	6	0.08
S11-82	464	466	2	33350	Seel	SGS	2011		33350	4.8	96	<2	6.14	11	167	0.5	<5	3.26	<1	34	72	343	4.99	1.37	28.3	10	1.05	340	17	2.14	8	0.08
S11-82	466	468	2	33351	Seel	SGS	2011		33351	5.1	212	<2	7.72	8	695	0.7	<5	3.08	<1	22	81	1400	4.14	1.63	17	12	1.17	314	21	2.38	7	0.12
S11-82	468	470	2	33352	Seel	SGS	2011		33352	5.1	69	<2	5.82	37	325	0.6	<5	5.62	<1	105	57	544	3.26	1.09	15.1	40	1.09	555	16	0.05	6	0.09
S11-82	470	472	2	33353	Seel	SGS	2011		33353	4.3	243	<2	6.55	15	540	0.5	<5	6.97	<1	75	69	1610	2.16	1.03	11.1	39	0.86	373	103	0.03	4	0.04
S11-82	472	474	2	33354	Seel	SGS	2011		33354	4.8	242	<2	6.2	87	78	0.6	<5	2.95	<1	564	83	656	4.58	1.53	10.1	31	0.96	572	29	0.03	16	0.03
S11-82	474	476	2	33355	Seel	SGS	2011		33355	4.3	171	<2	7.72	71	103	0.6	<5	3.99	<1	342	43	679	5.19	0.93	18.1	59	1.05	658	9	0.04	16	0.17
S11-82	476	478	2	33356	Seel	SGS	2011		33356	5.3	196	5	3.69	481	30	<0.5	20	1.8	5	2810	118	390	14.9	1.66	7.1	10	0.55	1290	94	0.03	103	0.03
S11-82	478	480	2	33357	Seel	SGS	2011		33357	4.7	73	2	6.1	79	300	0.7	<5	1.75	<1	363	89	792	3.4	2.38	10.8	17	0.65	1510	85	0.03	12	0.04

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-82	484	486	2	33361	Seel	SGS	2011	Duplicate of 33360	33361	2.3	315	<2	7.18	21	173	0.7	<5	3.21	<1	42	78	2770	4.25	1.46	20.3	18	0.82	401	208	1.18	10	0.07
S11-82				33362	Seel	SGS	2011	Standard CDN-CGS-27	33362	0.03	478	2	8.1	59	229	0.9	<5	0.44	<1	20	54	3820	4.45	6.37	19.3	12	1.07	424	121	1.41	37	0.12
S11-82				33363	Seel	SGS	2011	Blank Mafic	33363	0.49	<5	<2	9.21	<3	1110	0.7	<5	5.06	1	29	139	61.2	5.86	1.55	44.2	18	3.07	970	3	2.68	87	0.4
S11-82	486	488	2	33364	Seel	SGS	2011		33364	4.3	213	<2	8.07	29	467	0.7	<5	2.93	<1	23	67	2610	2.98	1.53	12.7	33	0.87	271	235	0.36	5	0.06
S11-82	488	490	2	33365	Seel	SGS	2011		33365	4.2	135	<2	8.32	17	240	0.7	<5	3.19	<1	38	62	1240	2.37	0.96	12.4	30	0.8	271	75	0.03	6	0.1
S11-82	490	492	2	33366	Seel	SGS	2011		33366	4.5	112	<2	7.08	15	471	0.6	<5	2.71	<1	12	75	750	2.77	1.42	9.6	24	0.74	329	148	0.93	5	0.04
S11-82	492	494	2	33367	Seel	SGS	2011		33367	4.7	72	<2	6.89	24	337	0.6	<5	2.51	<1	194	91	96.1	2.88	1.86	8.4	18	0.9	557	117	0.74	5	0.06
S11-82	494	496	2	33368	Seel	SGS	2011		33368	5.1	101	<2	6.28	105	82	0.6	<5	3.12	2	706	95	32.8	5.34	2.37	7.2	13	1.16	1240	42	0.07	9	0.07
S11-82	496	498	2	33369	Seel	SGS	2011		33369	4.4	45	<2	7.38	43	360	0.7	<5	3.16	<1	117	80	211	2.91	2.3	16.3	21	1.11	934	98	0.04	8	0.08
S11-82	498	500	2	33370	Seel	SGS	2011		33370	4.7	21	<2	6.82	18	499	0.7	<5	2.74	<1	47	70	104	2.02	2.33	9.1	25	0.99	736	36	0.05	4	0.06
S11-82	500	502	2	33371	Seel	SGS	2011		33371	4.3	77	<2	6.75	146	523	0.7	<5	2.31	<1	165	9	237	2.52	1.9	7.4	23	0.8	1260	38	0.03	7	0.06
S11-82	502	504	2	33372	Seel	SGS	2011		33372	5	49	<2	7.28	57	475	0.6	<5	2.76	1	142	8	725	2.66	1.72	11.4	30	0.87	1390	37	0.03	8	0.08
S11-82	504	506	2	33373	Seel	SGS	2011		33373	4.7	66	<2	5.95	190	72	0.6	<5	2.52	3	424	10	338	5.19	2.66	8.6	12	0.82	3010	72	0.03	21	0.05
S11-82	506	508	2	33374	Seel	SGS	2011		33374	4.8	20	3	7.14	45	762	0.6	<5	2.4	1	42	13	807	1.76	2.56	7.4	21	0.84	2030	64	0.03	4	0.04
S11-82	508	510	2	33375	Seel	SGS	2011		33375	4.3	41	<2	6.47	50	209	0.6	<5	2.14	<1	92	10	418	2.35	2.89	8.3	19	0.72	1320	106	0.08	7	0.04
S11-82	510	512	2	33376	Seel	SGS	2011		33376	4.4	205	<2	7.59	24	524	0.7	<5	2.66	<1	46	12	765	2.36	1.83	16.2	28	0.75	853	95	0.04	7	0.1
S11-82	512	514	2	33377	Seel	SGS	2011		33377	2	77	<2	6.9	53	679	0.7	<5	2.24	<1	141	9	745	2.54	1.91	10.3	33	0.75	1040	98	0.04	10	0.05
S11-82	512	514	2	33378	Seel	SGS	2011	Duplicate of 33377	33378	2.2	68	<2	6.86	41	802	0.7	<5	2.36	<1	65	7	948	2.1	1.92	10.3	34	0.78	1160	88	0.04	6	0.05
S11-82				33379	Seel	SGS	2011	Standard CDN-CGS-27	33379	0.03	134	2	8.05	60	271	0.9	<5	0.44	<1	21	55	3700	4.41	6.32	19.3	11	1.05	419	125	1.4	37	0.12
S11-82				33380	Seel	SGS	2011	Blank Mafic	33380	0.745	<5	<2	9.13	5	1130	0.7	<5	5.33	<1	29	96	50.9	5.91	1.52	43.4	17	2.97	1020	2	2.72	86	0.4
S11-82	514	516	2	33381	Seel	SGS	2011		33381	4.4	67	6	6.62	251	118	0.6	<5	1.87	26	246	8	777	4.25	2.19	8.1	26	0.67	2080	60	0.04	16	0.05
S11-82	516	518	2	33382	Seel	SGS	2011		33382	6.5	87	<2	6.41	66	633	0.7	<5	2.39	<1	83	10	660	2.36	2.1	41.1	18	0.83	1350	508	0.04	10	0.09
S11-82	518	520	2	33383	Seel	SGS	2011		33383	4.3	124	3	6.93	124	212	0.7	<5	1.88	1	263	9	1730	3.92	1.69	11	24	0.7	979	92	0.03	18	0.04
S11-82	520	522	2	33384	Seel	SGS	2011		33384	3.5	101	<2	6.04	124	326	0.7	<5	1.85	<1	184	9	872	3.7	2	11.1	22	0.72	1150	77	0.03	14	0.04
S11-82	522	524	2	33385	Seel	SGS	2011		33385	4.6	104	2	6.52	209	312	0.7	<5	1.37	<1	190	8	1030	3	2.36	12.1	20	0.55	1160	62	0.03	12	0.05
S11-82	524	526	2	33386	Seel	SGS	2011		33386	3.8	188	<2	6.09	194	64	0.8	<5	1.04	<1	589	7	583	5.07	2.72	7	16	0.5	1030	73	0.03	25	0.03
S11-82	526	528	2	33387	Seel	SGS	2011		33387	4.6	173	<2	5.95	537	51	0.7	<5	0.84	<1	512	5	282	5.38	2.85	7.2	12	0.48	1010	48	0.03	26	0.03
S11-82	528	530	2	33388	Seel	SGS	2011		33388	4.6	114	<2	6.71	221	164	0.9	<5	0.61	<1	151	8	889	2.56	3.13	14.1	11	0.41	602	35	0.04	12	0.05
S11-82	530	532	2	33389	Seel	SGS	2011		33389	4.9	59	<2	6.81	76	454	0.9	<5	1.81	<1	59	7	760	2.08	2.72	9.3	15	0.69	2090	49	0.04	8	0.04
S11-82	532	534	2	33390	Seel	SGS	2011		33390	5.4	129	2	6.65	209	312	0.9	<5	2.25	1	161	9	1170	3.19	2.51	12.9	14	0.82	2170	151	0.04	12	0.06
S11-82	534	536	2	33391	Seel	SGS	2011		33391	4.7	89	3	6.69	228	214	0.8	<5	1.93	2	148	8	1190	3.13	2.82	8.4	13	0.7	2890	35	0.04	11	0.03
S11-82	536	538	2	33392	Seel	SGS	2011		33392	5.1	57	<2	7.35	21	890	0.9	<5	2.53	<1	17	7	1050	2.05	2.52	8.1	23	0.92	1190	28	0.07	3	0.05
S11-82	538	540	2	33393	Seel	SGS	2011		33393	4.9	53	<2	6.98	21	739	0.8	<5	2.11	<1	45	6	685	2.09	2.66	6.1	21	0.76	406	46	0.75	3	0.04
S11-82	540	542	2	33394	Seel	SGS	2011		33394	4.5	91	<2	6.85	14	1270	0.7	<5	1.49	<1	6	8	1140	2.1	3.2	6.3	14	0.57	339	102	1.79	2	0.05
S11-82	542	544	2	33395	Seel	SGS	2011		33395	2.3	138	<2	7.08	57	286	0.8	<5	2.45	<1	125	7	1450	2.7	2.4	13.5	27	0.96	888	46	0.07	7	0.04
S11-82	544	546	2	33396	Seel	SGS	2011	Duplicate of 33395	33396	2.1	204	<2	6.91	82	130	0.7	<5	2.33	<1	240	7	1010	3.65	2.32	14.1	26	0.92	884	53	0.06	11	0.04
S11-82				33397	Seel	SGS	2011	Standard CDN-CGS-27	33397	0.03	468	<2	8.81	66	332	1.2	<5	0.47	<1	22	58	4120	4.69	6.56	20.9	13	1.12	433	129	1.58	40	0.13
S11-82				33398	Seel	SGS	2011	Blank Mafic	33398	0.735	<5	<2	8.97	15	1180	1.5	<5	4.85	<1	27	94	45.1	5.71	1.56	45.2	16	2.56	906	2	2.77	85	0.39
S11-82	544	546	2	33399	Seel	SGS	2011		33399	5.3	112	<2	6.6	115	119	0.8	<5	1.55	<1	330	72	347	4.17	2.54	9.6	22	0.66	1000	110	0.03	14	0.04
S11-82	546	548	2	33400	Seel	SGS	2011		33400	4.3	43	<2	7.27	21	570	0.8	<5	2.04	<1	64	7	507	1.84	2.3	16.7	32	0.73	598	237	0.1	3	0.06
S11-82	548	550	2	33401	Seel	SGS	2011		33401	4.9	19	<2	7.1	20	1260	0.6	<5	2.01	<1	26	5	708	1.32	3.6	16.4	22	0.59	682	177	0.14	3	0.04
S11-82	550	552	2	33402	Seel	SGS	2011		33402	4.6	52	<2	6.98	135	581	0.8	<5	1.52	2	54	5	486	1.62	2.76	24.6	24	0.63	734	38	0.05	5	0.05
S11-82	552	554	2	33403	Seel	SGS	2011		33403	4.5	27	<2	6.94	45	965	0.8	<5	1.82	<1	27	5	308	1.47	2.2	15.4	35	0.71	1110	271	0.03	3	0.04
S11-82	554	556	2	33404	Seel	SGS	2011		33404	4.6	30	<2	7.28	35	998	0.9	<5	2.19	<1	24	5	240	1.52	2.79	16.5	24	0.73	785	151	0.06	3	0.04
S11-82	556	558	2	33405	Seel	SGS	2011		33405	4.8	23	<2	6.96	32	971	0.8	<5	2.07	<1	56	6	246	1.74	2.57	21	23	0.76	655	117	0.06	4	0.04
S11-82	558	560	2	33406	Seel	SGS	2011		33406	4.8	60	<2	7.39	25	655	0.9	<5	2.53	<1	51	12	900	1.98	1.97	18.1	32	0.99	697	148	0.05	4	0.05
S11-82	560	562	2	33407	Seel	SGS	2011		33407	4.5	38	<2	7.67	27	678	1	<5	3.61	<1	51	19	395	3.66	2.09	30.4	47	1.38	664	170	0.1	16	0.16
S11-82	562	564	2	33408	Seel	SGS	2011		33408	5	172	<2	6.3	271	52	0.9	<5	2.14	<1	440	12	232	6.88	2.16	18.8	49	0.91	454	128	0.08	32	0.11
S11-82	564	566	2	33409	Seel	SGS	2011		33409	4.5	75	<2	6.72	166	94	1	<5	2.06	<1	200	6	443	3.45	2.41	16.7	24	0.77	859	107	0.06	10	0.04
S11-82	566	568	2	33410	Seel	SGS	2011		33410	4.6	79	<2	6.93	58	622	1.1	<5	2.05	<1	73	6	597	2.32	2.74	14	20	0.85	1090	39	0.07	6	0.04
S11-82	568	570	2	33411	Seel	SGS	2011		33411	4.6	40	<2	7.41	19	1330	0.7	<5	1.69	<1	21	5	626	1.4	3.25	17.2	13	0.62	422	38	1.56	3	0.04
S11-82	570	572	2	33412	Seel	SGS	2011		33412	4.8	25	<2	6.98	19	1050	0.8	<5	1.41	<1	9	6	415	1.9	2.87	19.3	12	0.61	319	31	2.21	2	0.04
S11-82	572	574	2	33413	Seel	SGS	2011		33413	2.4	34	8	6.3	55	234	0.8	<5	2.67	2	7	12	5190	4.13	2.93	17.1	14	1.08	1720	22	0.05	44	0.04
S11-82	572	574	2	33414	Seel	SGS	2011	Duplicate of 33413	33414	2.2	21	5	6.42	46	132	0.8	<5	2.86	1	7	12	2710	3.96	2.85	18.7	16	1.1	1590	27	0.06	44	0.04
S11-82				33415	Seel	SGS	2011	Standard CDN-CGS-27	33415	0.03	461	<2	7.91	62	257	1.2	<5	0.44	<1	21	61	3730	4.47	6.25	19.2	12	1.05	399	111	1.36	38	0.12
S11-82				33416	Seel	SGS	2011	Blank Mafic	33416	0.5	<5	<2	8.99	9	1140	1.4	<5	5.06	<1	27	96	61.9	6.22	1.57	46.6	17	2.86	894	2	2.73	85	0.38
S11-82	574	576	2	33417	Seel	SGS	2011		33417	4.4	16	<2	7.67	30	631	0.8	<5	2.93	<1	6	28	371	3.97	2.89	15.9	14	1.35	1090	2	1	12	0.08
S11-82	576	578	2	33418	Seel	SGS	2011		33418	4.6	<5	<2	6.55	14	667	0.8	<5	2.6	<1	3	12	157	1.84	2.64	15.4	22	0.88	1040	23	0.06	5	0.04
S11-82	578	580	2	33419	Seel	SGS	2011		33419	4.9	19	<2	7.11	17	518	0.7	<5	2.36	<1	7	5	370	1.51	2.27	15.4	33	0.79	765	34	0.05	10	0.04
S11-82	580	582	2	33420	Seel	SGS	2011		33420	5.3	13	<2	7.19	25	290	0.8	<5	2.87	<1	4	14	181	2.99	2.5	16.2	23	1.21	882	19	0.05	20	0.05
S11-82	582	584	2	33421	Seel	SGS	2011		33421	4.3	13	<2	6.68	43	153	0.8	<5	2.04	<1	6	17	532	5.94	2.44	12.5	31	1.06	667	1	0.21	119	0.08
S11-82	584	586	2	33422	Seel	SGS	2011		33422	4.4	33	<2	8.18	24	759	1	<5	2.75	<1	7	23	129	4.9	3.28	17.1	22	1.36	1250	1	0.8	19	0.1
S11-82	586	588	2	33423	Seel	SGS	2011		33423	4.7	86	5	7.33	234	212	0.8	<5	2.51	3	20	18	1470	4.49	3.55	18.2	7	1.09	3280	11	0.05	86	0.05
S11-82	588	590	2	33424	Seel	SGS	2011		33424	4	668	8	5.32	5180	99	0.6	<5	2.63	35	92	4	475	7.19	2.38	16.5	5	0.94	6070	60	0.03	70	0.05
S11-82	590	592	2	33425	Seel	SGS	2011		33425	5	341	13.9	6.19	1920	114	0.7	<5	2.16	8	19	4	4140	5.02	2.86	18.7	9	0.77	4260	26	0.04	41	0.03
S11-82	592	594	2	33426	Seel	SGS	2011		33426	4.6	262	5	7.19	1190	697	0.8	<5	1.64	2	25	5	1850	2.79	2.54	25.3	22	0.66	1770	17	0.04	18	0.04
S11-82	594	596	2	33427	Seel	SGS	2011		33427	4.7	61	<2	7.03	71	520	0.9	<5	1.56	<1	145	9	215	2.92	2.84	18.6	20	0.67	1520	16	0.04	11	0.04
S11-82	596	598	2	33428	Seel	SGS	2011		33428	4.9	97	<2	6.39	333	91	0.8	<5	1.01	3	382	7	67.5	4.35	2.8	20.1	15	0.51	1390	67	0.04	14	0.03
S11-82	598	600	2	33429	Seel	SGS	2011		33429	4.6	144	<2	5.65	314	35	0.7	<5	2.02	2	633	6	80.3	8.18	2.75	12.6	11	0.83	2410	18	0.04	18	0.04
S11-82	600	602	2	33430	Seel	SGS	2011		33430	4.5	61	<2	7.14	12	836	0.9	<5	2.4	<1	21	6	435	2.42	1.76	16.1	36	0.79	774	15	0.06	2	0.05
S11-82	602	604	2	33431	Seel	SGS	2011		33431	2.6	34	<2	6.73	18	817	0.8	<5	1.87	<1	310	8	208	3.23	2.49	26.5	14	0.68	422	112	1.68	2	0.04
S11-82	602	604	2	33432	Seel	SGS	2011	Duplicate of 33431	33432	2.7	35	<2	7.23	9	869	0.8	<5	1.85	<1	138	6	225	2.36	2.63	21.5	15	0.67	375	51	1.89	2	0.04
S11-82				33433	Seel	SGS	2011	Standard CDN-CGS-27	33433	0.03	473	2	8.05	55	585	1.3	<5	0.47	<1	18	55	3540	4.68	5.01	20.6	12	1.05	429	110	1.41	36	0.12
S11-82				33434	Seel	SGS	2011	Blank Mafic	33434	0.66	8	<2	9.3	3	1090	0.6	<5	5.27	<1	29	88	69.2	6.17	1.53	43.8	16	2.97	970	2	2.71	79	0.4
S11-82	604	606	2	33435	Seel	SGS	2011		33435	3.9	56	<2	7.06	7	964	0.6	<5	1.77	<1	28	6	240	2.2	3	20.8	17	0.73	420	129	1.29	1	0.04
S11-82	606	608	2	33436	Seel	SGS	2011		33436	4.5	47	<2	7.07	8	1050	0.8	<5	1.43	<1	9	46	228	2.16	2.51	13.9	11	0.59	354	51	2.56	1	0.04
S11-82	608	610	2	33437	Seel	SGS	2011		33437	4.3	40	<2	7.61	8	936	0.8	<5	2.38	<1	35	7	283	2.13	2.07	19.5	31	0.89	658	52	0.62	2	0.05
S11-82	610	612	2	33438	Seel	SGS	2011		33438	5.1	96	<2	7.17	33	902	0.7	<5	1.55	<1	52	65	336	2.6	2.73	18.2	9	0.65	439	27	2.21	3	0.05
S11-82	612	614	2	33439	Seel	SGS	2011		33439	3.8	38	<2	7.18	12	732	0.8	<5	2.18	<1	39	60	94.8	1.87	1.99	20.2	28	0.81	468	19	0.9	3	0.16
S11-82	614	616	2	33440	Seel	SGS	2011		33440	5	38	<2	7.11	<3	788	0.7	<5	1.39	<1	18	4	170	1.35	2.3	16.6	13	0.55	235	25	2.35	2	0.04
S11-82	616	618	2	33441	Seel	SGS	2011		33441	5	53	<2	7.19	9	907	0.9	<5	1.74	<1	42	6	292	1.98	2.64	20.2	13	0.64	371	25	2.13	2	0.15
S11-82	618	620	2	33442	Seel	SGS	2011		33442	5.1	33	<2	7.14	7	949	1	<5	1.3	<1	33	10	142	1.84	2.72	15.1	8	0.59	229	3	2.7	2	0.05
S11-82	620	622	2	33443	Seel	SGS	2011		33443	4.9	43	<2	6.86	8	793	0.9	<5	1.18	<1	29	7	243	1.97	2.43	15.6	7	0.61	234	4	2.74	2	0.05

Hole_ID	From	To	Length	Sample number	Zone	Lab	Year	Description	Sample #	WtKg WGH79 0.001	Au ppb FAA313 5	Ag ppm ICP40B 2	Al % ICP40B 0.01	As ppm ICP40B 3	Ba ppm ICP40B 1	Be ppm ICP40B 0.5	Bi ppm ICP40B 5	Ca % ICP40B 0.01	Cd ppm ICP40B 1	Co ppm ICP40B 1	Cr ppm ICP40B 1	Cu ppm ICP40B 0.5	Fe % ICP40B 0.01	K % ICP40B 0.01	La ppm ICP40B 0.5	Li ppm ICP40B 1	Mg % ICP40B 0.01	Mn ppm ICP40B 2	Mo ppm ICP40B 1	Na % ICP40B 0.01	Ni ppm ICP40B 1	P % ICP40B 0.01
S11-82	628	630	2	33447	Seel	SGS	2011		33447	4.5	57	<2	6.09	6	614	0.9	<5	1.03	<1	17	7	508	1.83	1.89	7.9	6	0.5	190	9	2.95	2	0.04
S11-82	630	632	2	33448	Seel	SGS	2011		33448	5.2	50	<2	6.46	5	989	1	<5	0.73	<1	14	59	439	1.8	2.92	7.6	6	0.48	150	18	2.92	2	0.05
S11-82	632	634	2	33449	Seel	SGS	2011		33449	4.7	27	<2	6.34	5	1020	0.9	<5	0.77	<1	13	59	430	1.92	2.95	7.8	7	0.48	169	18	2.95	2	0.05
S11-82	634	636	2	33450	Seel	SGS	2011		33450	4.7	38	<2	7.06	8	1180	0.9	<5	0.84	<1	11	63	634	1.6	2.59	14.3	8	0.56	170	4	2.64	3	0.04
S11-82	636	638	2	33451	Seel	SGS	2011		33451	2	42	<2	6.34	5	1070	0.9	<5	0.67	<1	13	9	434	1.67	2.79	12.7	6	0.48	154	1	2.93	2	0.04
S11-82	636	638	2	33452	Seel	SGS	2011	Duplicate of 33451	33452	2.3	53	<2	6.3	4	998	0.9	<5	0.67	<1	12	67	429	1.57	2.86	13.8	5	0.48	151	2	2.94	2	0.04
S11-82				33453	Seel	SGS	2011	Standard CDN-CGS-27	33453	0.03	413	<2	7.68	57	570	1.2	<5	0.42	<1	20	52	3600	4.45	3.98	20.3	12	1.01	391	126	1.36	37	0.12
S11-82				33454	Seel	SGS	2011	Blank Mafic	33454	0.535	<5	<2	8.86	4	1150	1.6	<5	4.7	<1	27	118	49	6	1.56	45	18	2.84	961	2	2.61	85	0.4
S11-82	638	640	2	33455	Seel	SGS	2011		33455	4.6	18	<2	6.17	4	927	1	<5	0.6	<1	6	6	399	1.23	3.05	15.4	7	0.38	136	6	2.41	1	0.03
S11-82	640	642	2	33456	Seel	SGS	2011		33456	4.6	35	<2	6.19	5	815	1	<5	0.52	<1	6	64	459	1.19	2.84	14.8	5	0.35	108	6	2.64	2	0.02
S11-82	642	644	2	33457	Seel	SGS	2011		33457	4.8	37	<2	5.97	3	828	0.8	<5	0.64	<1	10	8	582	1.73	2.52	5.8	6	0.39	134	3	3.13	2	0.04
S11-82	644	646	2	33458	Seel	SGS	2011		33458	4.5	<5	<2	6.27	4	837	0.8	<5	0.65	<1	11	54	323	1.43	2.41	8.5	5	0.46	139	3	3.48	2	0.04
S11-82	646	648	2	33459	Seel	SGS	2011		33459	4.8	48	<2	5.94	3	1060	0.9	<5	0.92	<1	5	7	432	2	2.08	19.1	7	0.64	165	9	2.86	2	0.06
S11-82	648	650	2	33460	Seel	SGS	2011		33460	4.7	27	<2	5.37	4	885	0.8	<5	0.77	<1	9	60	444	1.36	2.31	8.2	6	0.42	167	11	2.99	2	0.04
S11-82	650	652	2	33461	Seel	SGS	2011		33461	4.7	31	<2	6.26	5	968	0.8	<5	0.79	<1	10	6	266	1.4	2.31	6.9	5	0.42	157	3	3.09	2	0.05
S11-82	652	654	2	33462	Seel	SGS	2011		33462	4.7	<5	<2	6	<3	855	0.8	<5	0.9	<1	8	57	194	1.34	2.32	10.6	4	0.49	147	9	3.18	2	0.05
S11-82	654	656	2	33463	Seel	SGS	2011		33463	3.1	32	<2	6.07	3	737	0.9	<5	0.91	<1	6	6	379	1.3	2.25	11.7	5	0.5	148	4	3.09	2	0.04
S11-82	656	658	2	33464	Seel	SGS	2011		33464	6.1	62	<2	7.03	5	948	1.1	<5	1.31	<1	11	52	624	2.08	2.31	16.1	8	0.85	168	17	3.01	2	0.09
S11-82	658	660	2	33465	Seel	SGS	2011		33465	4.7	40	<2	6.95	4	708	0.9	<5	1.26	<1	17	6	614	2.21	2.01	12.7	14	0.67	164	38	2.53	2	0.08
S11-82	660	662	2	33466	Seel	SGS	2011		33466	4.6	90	<2	7.32	4	936	1	<5	1.4	<1	4	39	679	1.04	1.58	12.4	48	0.69	244	33	0.14	2	0.06
S11-82	662	664	2	33467	Seel	SGS	2011		33467	4.5	128	<2	6.92	9	823	0.9	<5	1.45	<1	6	5	1530	1.25	2.19	26	35	0.76	147	138	0.44	2	0.04
S11-82	664	666	2	33468	Seel	SGS	2011		33468	4.7	76	<2	7.12	5	1020	0.8	<5	1.26	<1	13	45	642	1.28	2.58	21.5	12	0.59	138	22	2.28	2	0.05
S11-82	666	668	2	33469	Seel	SGS	2011		33469	2.3	48	<2	6.75	3	758	0.8	<5	1.09	<1	12	45	567	1.25	2.21	17.8	13	0.52	120	4	2.78	2	0.05
S11-82	666	668	2	33470	Seel	SGS	2011	Duplicate of 33469	33470	2.3	44	<2	6.63	3	767	0.9	<5	1.16	<1	12	45	554	1.31	2.22	19.2	13	0.52	131	4	2.66	2	0.05
S11-82				33471	Seel	SGS	2011	Standard CDN-CGS-27	33471	0.03	469	<2	7.47	57	500	1.2	<5	0.42	<1	19	58	3540	4.73	5.54	21.8	12	1.01	435	119	1.35	36	0.11
S11-82				33472	Seel	SGS	2011	Blank Mafic	33472	0.6	<5	<2	8.93	4	1160	1.4	<5	4.69	<1	27	124	56.2	6.21	1.6	47.1	18	2.94	980	2	2.77	87	0.38
S11-82	668	670	2	33473	Seel	SGS	2011		33473	4.7	107	<2	6.94	9	1080	0.8	<5	1.28	<1	5	5	1040	1.14	2.25	17.6	22	0.61	129	32	1.92	2	0.04
S11-82	670	672	2	33474	Seel	SGS	2011		33474	5	78	<2	6.76	5	1000	0.8	<5	1.47	<1	11	53	801	1.47	2.45	14.7	10	0.65	128	7	2.44	3	0.04
S11-82	672	674	2	33475	Seel	SGS	2011		33475	4.9	115	<2	6.78	4	1100	0.8	<5	1.01	<1	12	8	995	1.35	2.62	11.5	6	0.43	139	9	2.5	2	0.04
S11-82	674	676	2	33476	Seel	SGS	2011		33476	4.7	36	<2	6.73	3	1020	0.8	<5	1.06	<1	11	53	536	1.29	2.78	16.3	7	0.47	147	11	2.45	2	0.04
S11-82	676	678	2	33477	Seel	SGS	2011		33477	4.7	67	<2	6.62	3	1050	0.8	<5	1.1	<1	13	8	840	1.61	2.56	14	6	0.51	123	8	2.68	1	0.05
S11-82	678	680	2	33478	Seel	SGS	2011		33478	4.6	74	<2	6.95	<3	1060	0.8	<5	0.92	<1	14	58	951	1.35	3.19	12.4	10	0.4	100	6	2.09	3	0.05
S11-82	680	682	2	33479	Seel	SGS	2011		33479	4.8	57	<2	6.14	5	820	0.9	<5	0.9	<1	12	9	878	1.72	2.79	15.6	9	0.37	112	2	2.47	2	0.04
S11-82	682	684	2	33480	Seel	SGS	2011		33480	4.3	119	<2	6.98	5	971	0.8	<5	2.15	<1	7	58	1510	1.93	2.3	15.7	24	0.92	166	367	1.02	2	0.04
S11-82	684	686	2	33481	Seel	SGS	2011		33481	4.8	95	<2	6.3	6	691	0.8	<5	0.98	<1	13	8	1050	1.41	2.47	11	8	0.39	112	6	2.95	2	0.04
S11-82	686	688	2	33482	Seel	SGS	2011		33482	4.6	97	<2	6.72	5	763	0.8	<5	0.84	<1	19	89	1600	2.23	2.95	8.6	6	0.43	142	19	3.23	6	0.05
S11-82	688	690	2	33483	Seel	SGS	2011		33483	5	56	<2	6.17	4	873	0.8	<5	0.78	<1	10	9	879	1.58	2.4	15.5	5	0.48	131	9	3.44	2	0.04
S11-82	690	692	2	33484	Seel	SGS	2011		33484	4.7	79	<2	7.04	9	1120	0.7	<5	1.18	<1	21	78	877	2.21	3.44	15.3	12	0.55	461	6	1.8	3	0.04
S11-82	692	694	2	33485	Seel	SGS	2011		33485	4.6	1300	<2	6.93	107	338	0.8	<5	1	<1	253	8	202	3.32	2.21	12.3	35	0.53	833	16	0.05	4	0.03
S11-82	694	696	2	33486	Seel	SGS	2011		33486	5.1	98	<2	6.82	25	633	0.7	<5	1.21	<1	139	62	735	2.6	3	13.9	21	0.55	669	9	0.96	3	0.04
S11-82	696	698	2	33487	Seel	SGS	2011		33487	2.2	65	<2	6.85	8	340	0.8	<5	1.4	<1	29	9	1110	3.31	2.46	14.3	16	0.77	289	23	1.76	5	0.06
S11-82	696	698	2	33488	Seel	SGS	2011	Duplicate of 33487	33488	2.1	77	<2	6.71	9	497	0.8	<5	1.33	<1	30	68	1290	3.19	2.52	11	16	0.74	284	6	1.62	6	0.06
S11-82				33489	Seel	SGS	2011	Standard CDN-CGS-27	33489	0.03	453	<2	8.01	59	527	0.9	<5	0.45	<1	20	59	3650	4.57	5.66	19.3	12	1.06	423	121	1.43	38	0.12
S11-82				33490	Seel	SGS	2011	Blank Mafic	33490	0.675	<5	<2	8.87	7	1150	1.4	<5	4.82	<1	26	121	56.6	6.25	1.61	45.9	16	2.82	935	2	2.78	85	0.37
S11-82	698	700	2	33491	Seel	SGS	2011		33491	4.5	85	<2	6.9	9	985	0.7	<5	1.52	<1	16	7	1260	2.06	2.67	10.6	24	0.69	390	21	1.18	3	0.05
S11-82	700	702	2	33492	Seel	SGS	2011		33492	4.5	56	<2	6.92	32	808	0.9	<5	1.27	<1	57	63	470	2.02	2.71	6.4	31	0.55	676	73	0.1	3	0.04
S11-82	702	704	2	33493	Seel	SGS	2011		33493	4.8	54	<2	7.15	17	813	0.9	<5	1.79	<1	17	6	911	2	1.97	12.9	42	0.75	1710	48	0.05	3	0.05
S11-82	704	706	2	33494	Seel	SGS	2011		33494	5.2	128	<2	6.85	53	417	0.9	<5	1.51	3	30	63	1530	2.7	2.11	16	38	0.72	1230	137	0.05	4	0.05
S11-82	706	708	2	33495	Seel	SGS	2011		33495	4.6	102	<2	6.82	21	934	0.7	<5	1.99	<1	11	6	1440	1.78	1.57	17.7	47	0.96	966	93	0.04	2	0.04
S11-82	708	710	2	33496	Seel	SGS	2011		33496	4.8	62	<2	7.13	27	768	0.7	<5	1.62	1	13	67	689	1.83	2.46	15.6	31	0.74	807	24	0.43	2	0.05
S11-82	710	712	2	33497	Seel	SGS	2011		33497	4.9	80	<2	7.11	49	856	0.8	<5	1.56	3	11	7	967	2.15	2.15	17.4	37	0.79	761	4	0.05	2	0.04
S11-82	712	714	2	33498	Seel	SGS	2011		33498	4.7	112	7	5.25	184	552	0.7	<5	0.36	14	5	61	954	3.3	2.53	4.6	19	0.33	394	30	0.04	3	0.03
S11-82	714	716	2	33499	Seel	SGS	2011		33499	4.4	99	<2	5.67	63	424	0.8	<5	0.65	5	26	5	559	4.85	2.57	10.8	18	0.51	732	52	0.05	4	0.03
S11-82	716	718	2	33500	Seel	SGS	2011		33500	4.7	138	<2	6.86	24	1080	0.8	<5	1.57	<1	5	70	1930	1.54	2.22	16.9	32	0.84	1640	18	0.05	3	0.04
S11-82	718	720	2	33501	Seel	SGS	2011		33501	5	69	<2	7.35	8	990	0.8	<5	1.98	<1	6	5	875	1.36	1.7	17.4	34	0.9	381	28	0.05	2	0.04
S11-82	720	722	2	33502	Seel	SGS	2011		33502	4.3	107	<2	7.21	10	2130	1	<5	1.75	<1	11	64	1440	1.62	2.2	25.3	34	0.89	354	44	0.06	3	0.04
S11-82	722	724	2	33503	Seel	SGS	2011		33503	4.5	51	<2	7.01	12	928	0.7	<5	1.79	<1	14	8	603	1.79	2.84	16.7	18	0.69	169	8	1.27	1	0.04
S11-82	724	726	2	33504	Seel	SGS	2011		33504	4.6	53	<2	7.69	14	1110	0.8	<5	1.83	<1	10	65	668	1.75	2.98	18.6	19	0.64	156	3	1.6	2	0.05
S11-82	726	728	2	33505	Seel	SGS	2011		33505	4.6	53	<2	7.27	11	635	0.9	<5	2.11	<1	18	8	854	2.18	2.5	17.9	25	0.79	185	21	0.6	2	0.05
S11-82	728	730	2	33506	Seel	SGS	2011		33506	5.6	29	<2	6.75	9	775	1.1	<5	1.48	<1	10	73	495	1.75	2.87	13.8	14	0.53	122	3	1.52	2	0.03
S11-82	730	731.52	1.52	33507	Seel	SGS	2011		33507	3.6	79	<2	6.78	8	895	1	<5	1.55	<1	6	7	336	1.64	2.61	12.6	14	0.52	115	4	1.4	1	0.03

Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-81	36.58	38.50	1.92	1191510	20	<5	17.6	<10	205	0.34	118	<10	14.4	174	55.5				
S11-81	38.50	40.50	2	1191511	8	<5	4.7	<10	182	0.1	52	<10	5.7	61	10.9				
S11-81	40.50	42.50	2	1191512	9	11	5.2	<10	56.6	0.13	62	<10	6.1	62	15.1				
S11-81	42.50	44.50	2	1191513	9	<5	4.1	<10	48.3	0.11	43	<10	7.8	42	14.9				
S11-81	44.50	46.50	2	1191514	7	<5	5.6	<10	72.1	0.13	45	<10	6.3	39	14.8				
S11-81	46.50	48.50	2	1191515	8	9	2.8	<10	185	0.09	38	<10	2.8	36	10.3				
S11-81	48.50	50.50	2	1191516	6	<5	4.1	<10	146	0.08	39	<10	4	57	14.1				
S11-81	50.50	52.50	2	1191517	9	<5	6.1	<10	128	0.1	42	<10	5	50	11.1				
S11-81	52.50	54.50	2	1191518	7	<5	4.6	<10	94.6	0.08	35	<10	5.5	48	8.6				
S11-81	54.50	56.50	2	1191519	8	<5	5.8	<10	38.6	0.07	54	<10	7.4	122	16.9				
S11-81	56.50	58.50	2	1191520	7	<5	4.6	<10	85.3	0.04	36	<10	6.9	117	9.9				
S11-81	58.50	60.50	2	1191521	13	<5	4.5	<10	50.3	0.04	37	<10	5.7	113	8.8				
S11-81	60.50	62.50	2	1191522	7	<5	6.7	<10	61.2	0.09	51	<10	7.1	48	10.4				
S11-81	62.50	64.50	2	1191523	8	<5	5.4	<10	98.9	0.12	43	<10	4.1	37	10.3				
S11-81	62.50	64.50	2	1191524	7	<5	5.2	<10	102	0.11	42	<10	4	38	9.1				
S11-81	64.50	66.50	2	1191525	4	<5	5.9	<10	69.4	0.14	61	<10	5.8	74	10.4				
S11-81	66.50	68.50	2	1191526	4	5	4.8	<10	42.6	0.1	66	<10	4.9	46	7.8				
S11-81	68.50	70.50	2	1191527	6	18	4.7	<10	42.6	0.1	47	<10	6	80	7.4				
S11-81	70.50	72.50	2	1191528	6	<5	5.1	<10	196	0.15	52	<10	5.4	48	8.7				
S11-81	72.50	74.50	2	1191529	6	<5	5.1	<10	168	0.15	47	<10	4.7	40	9.4				
S11-81	74.50	76.50	2	1191530	6	10	5.8	<10	68.4	0.14	51	<10	5.5	54	12.3				
S11-81	76.50	78.50	2	1191531	283	<5	5.1	<10	229	0.12	48	<10	4.4	469	8.3				
S11-81	78.50	80.50	2	1191532	12	<5	5.5	<10	77.3	0.13	60	<10	5.4	55	11.1				
S11-81	80.50	82.50	2	1191533	7	18	4.8	<10	56	0.12	52	<10	5.2	54	10.2				
S11-81	82.50	84.50	2	1191534	5	<5	5.6	<10	149	0.15	52	<10	5.6	58	9.9				
S11-81	84.50	86.50	2	1191535	6	<5	5.3	<10	198	0.13	53	<10	5.4	54	9.5				
S11-81	86.50	88.50	2	1191536	6	6	5.5	<10	220	0.15	59	<10	5.8	132	13.9				
S11-81	88.50	90.50	2	1191537	7	<5	6.3	<10	252	0.22	72	<10	6.4	208	14.9				
S11-81	90.50	92.50	2	1191538	5	<5	5.9	<10	333	0.18	58	<10	7.6	158	13.8				
S11-81	92.50	94.50	2	1191539	5	<5	5.8	<10	302	0.14	62	<10	5.6	56	10.9				
S11-81	94.50	96.50	2	1191540	7	8	5.4	<10	314	0.19	65	<10	5	60	11.3				
S11-81	96.50	98.50	2	1191541	5	10	6	<10	248	0.18	66	<10	7.1	41	9.8				
S11-81	98.50	100.50	2	1191542	5	<5	5.8	<10	364	0.18	65	<10	6.5	40	10				
S11-81	100.50	102.50	2	1191543	5	<5	5.9	<10	948	0.19	64	<10	6.8	36	10.7				
S11-81	102.50	104.50	2	1191544	6	<5	5.3	<10	676	0.16	65	<10	5.7	41	10				
S11-81	104.50	106.50	2	1191545	5	<5	5.6	<10	424	0.17	57	<10	5.6	45	10.6				
S11-81	106.50	108.50	2	1191546	5	<5	5.8	<10	293	0.17	67	<10	5.6	43	11.4				
S11-81	108.50	110.50	2	1191547	6	<5	6.3	<10	1000	0.19	67	<10	7	40	12.9				
S11-81	110.50	112.50	2	1191548	5	<5	5.9	<10	528	0.19	65	<10	6.8	34	12.2				
S11-81				1191549	20	<5	17.1	<10	271	0.27	206	10	11.5	71	31.1				
S11-81	112.50	114.50	2	1191550	7	<5	5.9	<10	483	0.2	69	<10	7.4	38	13.3				
S11-81	114.50	116.50	2	1191551	4	<5	6.1	<10	347	0.17	60	<10	6.4	47	11.9				
S11-81	114.50	116.50	2	1191552	4	<5	6.1	<10	315	0.17	62	<10	6.6	46	11.6				
S11-81	116.50	118.50	2	1191553	4	<5	5.9	<10	283	0.18	61	<10	6.4	46	12.2				
S11-81	118.50	120.50	2	1191554	4	<5	5.8	<10	320	0.18	64	<10	6.4	52	10.3				
S11-81	120.50	122.50	2	1191555	6	<5	5.4	<10	370	0.19	58	<10	7.5	45	10.6				
S11-81	122.50	124.50	2	1191556	5	<5	4.3	<10	222	0.15	48	<10	4.7	53	9				
S11-81	124.50	126.50	2	1191557	6	<5	5.5	<10	231	0.19	57	<10	5.6	64	11.2				
S11-81	126.50	128.50	2	1191558	9	<5	5.8	<10	254	0.18	55	<10	7.2	56	10.6				
S11-81	128.50	130.50	2	1191559	12	<5	5.6	<10	297	0.19	59	<10	5.4	52	11.4				
S11-81	130.50	132.50	2	1191560	11	<5	6	<10	289	0.2	60	<10	6.7	75	11.2				
S11-81	132.50	134.50	2	1191561	8	<5	5.2	<10	322	0.17	61	<10	5.3	65	8.9				
S11-81	134.50	136.50	2	1191562	45	<5	5	<10	151	0.18	56	<10	7.4	109	10.5				
S11-81	136.50	138.50	2	1191563	38	<5	5.8	<10	302	0.21	59	<10	6.8	<1	10.4				
S11-81	138.50	140.50	2	1191564	35	<5	4.3	<10	50.3	0.15	45	<10	6.3	49	9.8				
S11-81	140.50	142.50	2	1191565	52	<5	6.4	<10	328	0.22	68	<10	7.8	68	11.2				
S11-81	142.50	144.50	2	1191566	40	<5	6.2	<10	279	0.19	62	<10	8.7	47	11.3				
S11-81	144.50	146.50	2	1191567	23	<5	6.2	<10	345	0.2	68	<10	7.2	58	12				
S11-81	146.50	148.50	2	1191568	32	<5	4.6	<10	121	0.16	47	<10	7.5	89	10				
S11-81	148.50	150.50	2	1191569	29	<5	5.5	<10	192	0.18	53	<10	6.3	152	9.2				
S11-81	150.50	152.50	2	1191570	28	<5	4.7	<10	172	0.17	50	<10	4.9	140	8.7				
S11-81	152.50	154.50	2	1191571	21	<5	6.3	<10	432	0.21	61	<10	5	102	11.2				
S11-81	154.50	156.50	2	1191572	16	<5	6.3	<10	267	0.19	64	<10	5.9	174	10.5				
S11-81	154.50	156.50	2	1191573	22	<5	5.8	<10	247	0.19	59	<10	5.2	167	10.3				
S11-81	156.50	158.50	2	1191574	33	<5	5.4	<10	158	0.17	53	<10	5.7	133	9.7				
S11-81	158.50	160.50	2	1191575	42	<5	4.9	<10	55.9	0.11	57	<10	4.9	111	11.2				
S11-81	160.50	162.00	1.5	1191576	1310	41	<0.5	<10	16.9	<0.01	8	20	1	623	11.7				
S11-81	162.00	163.00	1	1191577	964	38	<0.5	<10	15.3	<0.01	<2	20	1.4	443	14.3				
S11-81	163.00	164.00	1	1191578	2510	30	1.5	<10	62.5	<0.01	11	10	4	5350	21.5				
S11-81	164.00	166.00	2	1191579	78	8	5	<10	85.5	0.16	55	<10	5.9	317	11.8				
S11-81	166.00	168.00	2	1191580	143	11	4.5	<10	57.6	0.17	50	<10	4.6	296	10.7				
S11-81	168.00	170.00	2	1191581	27	<5	4.6	<10	83.3	0.17	52	<10	3.8	193	11.3				
S11-81	170.00	172.00	2	1191582	24	<5	5.5	<10	278	0.19	63	<10	6.7	127	11.7				
S11-81	172.00	174.00	2	1191583	27	<5	5.4	<10	477	0.19	59	<10	6.4	69	11.6				
S11-81	174.00	176.00	2	1191584	41	5	6.6	<10	168	0.21	63	<10	6.6	218	12.1				
S11-81	176.00	178.00	2	1191585	148	8	4.6	<10	48.3	0.12	53	<10	4.6	321	11.3				
S11-81	178.00	180.00	2	1191586	86	<5	5.2	<10	28.7	0.16	56	<10	5	467	9.2				
S11-81	180.00	182.00	2	1191587	76	<5	4.9	<10	35.7	0.15	52	<10	5.4	221	10.5				
S11-81	182.00	184.00	2	1191588	121	<5	5.6	<10	33.3	0.16	59	<10	5.2	462	11				
S11-81	184.00	186.00	2	1191589	84	<5	7	<10	46.2	0.19	75	<10	7.1	327	13.2				
S11-81	186.00	188.00	2	1191590	57	<5	6.2	<10	60.8	0.19	63	<10	6	362	11.5				
S11-81	188.00	190.00	2	1191591	42	<5	5.9	<10	66.1	0.18	60	<10	5.7	189	10.5				
S11-81	190.00	192.00	2	1191592	28	<5	6.2	<10	105	0.2	71	<10	6	211	11.5				

Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-81	196.00	198.00	2	1191595	41	<5	6.2	<10	80.8	0.16	63	<10	5.1	245	11.1				
S11-81	198.00	200.00	2	1191596	31	<5	5	<10	73.1	0.16	50	<10	6.1	148	9				
S11-81	200.00	202.00	2	1191597	39	<5	5.6	<10	105	0.18	61	<10	6.5	153	10				
S11-81	202.00	204.00	2	1191598	50	<5	5.7	<10	77.1	0.18	62	<10	6.4	214	10.7				
S11-81	204.00	206.00	2	1191599	27	<5	4.1	<10	30.1	0.08	38	<10	4.4	121	7.5				
S11-81	206.00	208.00	2	1191600	44	<5	6.4	<10	67.8	0.18	60	<10	6.9	231	11.8				
S11-81	206.00	208.00	2	1191601	38	<5	5.7	<10	51.6	0.15	58	<10	6.2	208	10.1				
S11-81	208.00	210.00	2	1191602	31	<5	5.7	<10	60.3	0.19	64	<10	6.4	212	10.3				
S11-81	210.00	212.00	2	1191603	36	<5	5.2	<10	30	0.18	50	<10	5.2	161	12.2				
S11-81	212.00	214.00	2	1191604	26	<5	5.3	<10	50.5	0.18	58	<10	4.4	168	9.3				
S11-81	214.00	216.00	2	1191605	73	10	5.8	<10	42.3	0.18	63	<10	7.1	212	10.2				
S11-81	216.00	218.00	2	1191606	45	<5	6.3	<10	47	0.2	65	<10	5.4	309	12				
S11-81	218.00	220.00	2	1191607	36	<5	6	<10	49.4	0.19	67	<10	6.4	253	10.8				
S11-81	220.00	222.00	2	1191608	24	<5	5.6	<10	51.1	0.17	54	<10	5.9	177	10.9				
S11-81	222.00	224.00	2	1191609	41	5	5.3	<10	54.3	0.19	55	<10	5.8	138	10.9				
S11-81	224.00	226.00	2	1191610	19	<5	6.1	<10	52	0.18	67	10	7.2	102	14				
S11-81	226.00	228.00	2	1191611	39	<5	6.5	<10	49.2	0.21	64	<10	6.3	338	15.2				
S11-81	228.00	230.00	2	1191612	75	<5	6.8	<10	121	0.21	75	<10	6.6	435	20				
S11-81	230.00	232.00	2	1191613	57	<5	6.1	<10	85.6	0.15	70	<10	5.6	309	12.3				
S11-81	232.00	234.00	2	1191614	50	<5	6.9	<10	114	0.17	90	<10	9	586	12.4				
S11-81	234.00	236.00	2	1191615	30	<5	6.4	<10	92.8	0.2	75	<10	7.7	205	12.1				
S11-81	236.00	238.00	2	1191616	27	<5	5.8	<10	124	0.17	72	<10	5.8	142	13.5				
S11-81	238.00	240.00	2	1191617	43	<5	6.1	<10	124	0.18	83	<10	5.7	171	12.4				
S11-81	240.00	242.00	2	1191618	35	<5	5.6	<10	119	0.16	70	<10	6.4	155	13				
S11-81	242.00	244.00	2	1191619	20	<5	6.2	<10	107	0.19	87	<10	6.7	203	13.5				
S11-81	244.00	246.00	2	1191620	21	<5	5.7	<10	140	0.18	69	<10	7.6	242	12.1				
S11-81	246.00	248.00	2	1191621	41	<5	5.7	<10	118	0.15	58	<10	8.4	380	13.4				
S11-81	246.00	248.00	2	1191622	48	<5	5.5	<10	108	0.15	56	<10	9.4	705	12.4				
S11-81	248.00	250.00	2	1191623	42	<5	5.7	<10	114	0.18	70	<10	5.4	281	11.5				
S11-81	250.00	252.00	2	1191624	19	<5	5.6	<10	80.3	0.17	66	<10	6	158	12.4				
S11-81	252.00	254.00	2	1191625	30	<5	5.7	<10	91	0.19	62	<10	4.3	231	14.7				
S11-81	254.00	256.00	2	1191626	52	<5	5.9	<10	84.4	0.2	68	<10	6.2	515	13.4				
S11-81	256.00	258.00	2	1191627	69	5	4.7	<10	67.1	0.17	50	<10	7	581	14.8				
S11-81	258.00	260.00	2	1191628	83	<5	5.4	<10	67.7	0.17	50	<10	9.2	424	13.6				
S11-81	260.00	262.00	2	1191629	27	<5	5.6	<10	48.3	0.17	43	<10	12	168	12.8				
S11-81	262.00	264.00	2	1191630	75	<5	5.6	<10	80.2	0.18	60	<10	8.7	598	13.4				
S11-81	264.00	266.00	2	1191631	56	<5	5.1	<10	84.5	0.19	54	<10	7.2	596	15.9				
S11-81	266.00	268.00	2	1191632	20	<5	5.2	<10	64.2	0.18	59	<10	7.1	183	16.5				
S11-81	268.00	270.00	2	1191633	60	8	5.1	<10	61.8	0.18	59	<10	8.7	636	16.3				
S11-81	270.00	272.00	2	1191634	46	5	5.7	<10	51.7	0.18	64	<10	7.7	684	13.9				
S11-81	272.00	274.00	2	1191635	23	<5	5.2	<10	53.4	0.18	57	<10	7.2	241	15.1				
S11-81	274.00	276.00	2	1191636	54	11	4.9	<10	56.5	0.17	56	<10	8.4	710	14.6				
S11-81	276.00	278.00	2	1191637	26	<5	5.4	<10	82.3	0.21	64	<10	6.8	267	13.7				
S11-81	278.00	280.00	2	1191638	31	<5	4.4	<10	51.4	0.15	52	<10	7.3	551	13.7				
S11-81				1191639	9	<5	18.1	<10	797	0.91	213	<10	26.4	113	224				
S11-81	280.00	282.00	2	1191640	26	<5	5.2	<10	80.8	0.21	57	<10	8.5	409	15				
S11-81	282.00	284.00	2	1191641	19	<5	5.8	<10	78.7	0.18	57	<10	8.9	293	13.3				
S11-81	284.00	286.00	2	1191642	24	<5	5.7	<10	65.8	0.18	58	<10	7.9	444	12.9				
S11-81	286.00	288.00	2	1191643	30	<5	5.8	<10	78.3	0.21	60	<10	8.8	478	15.2				
S11-81	288.00	290.00	2	1191644	22	<5	5.8	<10	74.2	0.19	58	<10	7.6	341	13.6				
S11-81	290.00	292.00	2	1191645	26	<5	5.9	<10	97.9	0.18	61	<10	8	352	14.2				
S11-81	292.00	294.00	2	1191646	26	<5	6.2	<10	64.7	0.19	65	<10	7.7	292	11.7				
S11-81	294.00	296.00	2	1191647	23	<5	5.2	<10	79.9	0.2	72	<10	9.1	330	13.8				
S11-81	296.00	298.00	2	1191648	58	<5	5.5	<10	84.8	0.18	50	<10	10.7	244	16.5				
S11-81	298.00	300.00	2	1191649	84	<5	6.8	<10	72.3	0.2	71	<10	11.1	453	18.4				
S11-81	300.00	302.00	2	1191650	44	<5	6	<10	105	0.2	63	<10	9.2	298	14.1				
S11-81	302.00	304.00	2	1191651	66	5	5.2	<10	119	0.18	53	<10	9.1	266	13				
S11-81	304.00	306.00	2	1191652	41	7	5.4	<10	58.8	0.17	53	<10	9.1	196	10.8				
S11-81	306.00	308.00	2	1191653	51	<5	6.2	<10	71.6	0.17	67	<10	7.5	223	10.6				
S11-81	308.00	310.00	2	1191654	41	<5	6.4	<10	102	0.19	67	<10	9.3	249	16.2				
S11-81	310.00	312.00	2	1191655	37	<5	10.8	<10	84.1	0.28	90	<10	17	308	35.5				
S11-81	312.00	314.00	2	1191656	34	<5	18.2	<10	216	0.27	125	<10	16.5	139	31.1				
S11-81	314.00	316.00	2	1191657	54	<5	11.6	<10	66.6	0.27	102	10	14.3	373	24.3				
S11-81	316.00	318.00	2	1191658	90	<5	9.9	<10	84.4	0.23	85	<10	13	355	33.6				
S11-81	318.00	320.00	2	1191659	41	<5	6.9	<10	85.5	0.2	74	<10	9.1	144	16.4				
S11-81	320.00	322.00	2	1191660	47	6	6	<10	76.6	0.15	64	<10	8.9	227	12.6				
S11-81	320.00	322.00	2	1191661	45	<5	5.6	<10	68.5	0.15	64	<10	8.1	213	11.3				
S11-81	322.00	324.00	2	1191662	50	<5	9	<10	104	0.22	85	<10	8.3	232	19.7				
S11-81	324.00	326.00	2	1191663	21	<5	6.5	<10	332	0.24	74	<10	8.1	115	14.5				
S11-81	326.00	328.00	2	1191664	10	<5	5.5	<10	376	0.21	61	<10	6	95	14.3				
S11-81	328.00	330.00	2	1191665	100	7	17	<10	62.6	0.34	124	<10	13.5	283	49				
S11-81	330.00	332.00	2	1191666	17	<5	20.2	<10	84.5	0.39	129	<10	12.1	60	51.9				
S11-81	332.00	334.00	2	1191667	16	<5	19.4	<10	63.5	0.35	109	<10	9.5	65	65.1				
S11-81	334.00	336.00	2	1191668	46	6	18.4	<10	45.1	0.46	139	<10	13.6	111	45.2				
S11-81	336.00	338.00	2	1191669	65	<5	21.3	<10	47.9	0.41	151	<10	12.7	118	40.9				
S11-81	338.00	340.00	2	1191670	83	<5	23.3	<10	50.5	0.44	175	<10	11.4	169	30.2				
S11-81	340.00	341.50	1.5	1191671	34	<5	11.8	<10	52.8	0.2	91	<10	10.2	119	37.9				
S11-81	341.50	342.60	1.1	1191672	16	<5	5.1	<10	294	0.18	60	<10	6	90	14.5				
S11-81	342.60	344.40	1.8	1191673	31	<5	8.1	<10	54.8	0.21	69	<10	7.3	77	25.5				
S11-81	344.40	345.00	0.6	1191674	15	<5	5.7	<10	639	0.19	62	<10	7	72	14.3				
S11-81	345.00	347.00	2	1191675	31	10	5.3	<10	57.7	0.16	56	<10	4.2	74	13.1				
S11-81	347.00	348.70	1.7	1191676	56	<5	5.3	<10	87.8	0.18	55	<10	4.7	168	13.8				
S11-81	348.70	349.30	0.6	1191677	7	<5	22.3	<10	242	0.57	303	<10	19.7	74	11.2				

Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-81	368.00	370.00	2	1191681	9	<5	5.8	<10	245	0.19	66	<10	4.7	158	13.7				
S11-81	370.00	372.00	2	1191682	13	<5	6.6	<10	203	0.18	68	<10	5.6	105	13.1				
S11-81	372.00	374.00	2	1191683	10	<5	5.3	<10	171	0.13	51	<10	5.8	72	11.7				
S11-81	374.00	376.00	2	1191684	11	<5	5.3	<10	301	0.18	66	<10	5.7	78	15.5				
S11-81				1191685	9	<5	19.4	<10	876	1.02	232	<10	28.5	106	241	N.A.			
S11-81	376.00	378.00	2	1191686	14	<5	4.2	<10	114	0.15	71	<10	5.2	115	15.5	N.A.			
S11-81	378.00	380.00	2	1191687	11	<5	5.8	<10	223	0.18	74	<10	6.3	107	16.3	N.A.			
S11-81	380.00	382.00	2	1191688	10	5	5.1	<10	127	0.17	53	<10	6.1	55	14.9	N.A.			
S11-81	382.00	384.00	2	1191689	17	14	5.1	<10	98.4	0.17	50	<10	5.3	116	24.5	N.A.			
S11-81	384.00	386.00	2	1191690	9	<5	6.4	<10	427	0.25	78	<10	7.6	68	13.4	N.A.			
S11-81	386.00	388.00	2	1191691	36	<5	10.8	<10	114	0.24	88	<10	11	123	41.1	N.A.			
S11-81	388.00	390.00	2	1191692	78	13	10.6	<10	116	0.21	89	<10	11.9	249	65.2	N.A.			
S11-81	390.00	392.00	2	1191693	16	8	5.7	<10	105	0.21	60	<10	9.1	84	33.6	N.A.			
S11-81	392.00	394.00	2	1191694	15	6	11.3	<10	179	0.17	80	<10	8.7	80	28	N.A.			
S11-81	394.00	396.00	2	1191695	11	<5	17.7	<10	271	0.18	99	<10	12.9	47	77.3	N.A.			
S11-81	396.00	398.00	2	1191696	25	<5	13.1	<10	113	0.29	115	<10	9.8	118	53.9	N.A.			
S11-81	398.00	400.00	2	1191697	132	7	8.6	<10	61.6	0.14	64	<10	9.6	253	37.2	N.A.			
S11-81	400.00	402.00	2	1191698	57	7	11	<10	68.7	0.16	83	<10	11.5	178	47.9	N.A.			
S11-81	402.00	404.00	2	1191699	21	<5	6	<10	130	0.17	86	<10	6	151	16.3	N.A.			
S11-81	404.00	406.00	2	1191700	9	<5	4.2	<10	196	0.15	48	<10	6.2	78	12	N.A.			
S11-81	406.00	408.00	2	1191701	40	14	6.5	<10	108	0.15	65	<10	5.9	117	15.4	N.A.			
S11-81	408.00	410.00	2	1191702	23	<5	5.3	<10	115	0.18	62	<10	5.2	96	22.6				
S11-81	408.00	410.00	2	1191703	20	<5	5.1	<10	117	0.19	60	<10	5	96	22.8				
S11-81	410.00	412.00	2	1191704	33	5	11	<10	135	0.22	87	<10	9.4	111	20.7				
S11-81	412.00	414.00	2	1191705	11	<5	17.4	<10	162	0.3	94	<10	17.7	65	42.7				
S11-81	414.00	416.00	2	1191706	11	<5	16	<10	251	0.2	79	<10	11.5	52	39.4				
S11-81	416.00	418.00	2	1191707	16	<5	15.8	<10	143	0.21	89	<10	11.3	69	44.1				
S11-81	418.00	420.00	2	1191708	6	5	8.7	<10	468	0.29	93	<10	9.5	37	31.2				
S11-81	420.00	422.00	2	1191709	6	<5	7.9	<10	552	0.31	97	<10	8.6	39	29.5				
S11-81	422.00	424.00	2	1191710	6	<5	7.8	<10	504	0.29	96	<10	8.2	46	28.6				
S11-81	424.00	426.00	2	1191711	8	<5	7.3	<10	624	0.29	86	<10	9.2	55	24.9				
S11-81	426.00	428.00	2	1191712	8	<5	7.2	<10	532	0.29	86	<10	8.5	46	23.4				
S11-81	428.00	430.00	2	1191713	10	<5	6.3	<10	225	0.19	74	<10	4.6	74	17.8				
S11-81	430.00	432.00	2	1191714	16	<5	6.6	<10	272	0.2	70	<10	6.6	96	17.4				
S11-81	432.00	434.00	2	1191715	7	<5	6.6	<10	497	0.25	77	<10	9.4	48	19.8				
S11-81	434.00	436.00	2	1191716	53	19	6.4	<10	259	0.19	72	<10	7.9	156	17.3				
S11-81				1191717	20	<5	15.8	<10	242	0.24	192	20	11.1	66	31				
S11-81	436.00	438.00	2	1191718	84	29	5.5	<10	122	0.16	64	<10	5.1	391	12.9				
S11-81	438.00	440.00	2	1191719	40	12	4.8	<10	119	0.15	54	<10	6.7	224	13.3				
S11-81	440.00	442.00	2	1191720	69	7	6.6	<10	116	0.17	71	<10	7.2	175	13.7				
S11-81	442.00	444.00	2	1191721	42	13	7	<10	111	0.2	78	<10	6.4	167	16.9				
S11-81	444.00	446.00	2	1191722	14	7	7.2	<10	126	0.21	84	<10	6.1	93	18.1				
S11-81	446.00	448.00	2	1191723	23	10	6.8	<10	113	0.21	89	<10	5.5	73	16				
S11-81	448.00	450.00	2	1191724	22	8	6.9	<10	127	0.21	83	<10	5.6	84	17.2				
S11-81	450.00	452.00	2	1191725	26	8	6.4	<10	104	0.19	78	<10	7.8	94	11.9				
S11-81	452.00	454.00	2	1191726	12	<5	6	<10	187	0.19	76	<10	13	99	12.7				
S11-81	454.00	456.00	2	1191727	8	6	6	<10	299	0.21	66	<10	9.6	63	12.5				
S11-81	456.00	458.00	2	1191728	12	7	5.9	<10	67.2	0.2	71	<10	14.4	50	11.5				
S11-81	458.00	460.00	2	1191729	15	7	5.5	<10	68.3	0.18	62	<10	12.1	53	10.6				
S11-81	458.00	460.00	2	1191730	17	7	5.9	<10	64	0.17	68	<10	12.4	60	10				
S11-81	460.00	462.00	2	1191731	92	24	11.1	<10	68.5	0.13	102	<10	12	248	14.9				
S11-81	462.00	464.00	2	1191732	54	34	6.1	<10	80.8	0.2	77	<10	7.4	173	17.5				
S11-81	464.00	466.00	2	1191733	51	21	5.3	<10	79.6	0.15	62	<10	4.6	183	14				
S11-81	466.00	468.00	2	1191734	53	16	5.5	<10	58.6	0.16	66	<10	3.9	162	11.7				
S11-81	468.00	470.00	2	1191735	62	30	5.1	<10	66.7	0.12	52	<10	5.8	158	14.9				
S11-81	470.00	472.00	2	1191736	158	15	6.6	<10	70.6	0.17	80	<10	5	409	17.4				
S11-81	472.00	474.00	2	1191737	95	18	5.5	<10	55.1	0.15	57	<10	6.6	345	29.1				
S11-81	474.00	476.00	2	1191738	299	34	4.2	<10	40	0.08	30	<10	7.8	302	6.8				
S11-81	476.00	478.00	2	1191739	1290	559	4.5	<10	63	0.1	41	<10	6.9	3270	9.8				
S11-81	478.00	480.00	2	1191740	367	175	4.7	<10	51	0.1	36	<10	8.5	652	7.3				
S11-81	480.00	482.00	2	1191741	159	98	5.4	<10	63.3	0.11	52	<10	6.7	515	8.5				
S11-81	482.00	484.00	2	1191742	255	95	8.5	<10	62.4	0.2	86	<10	9.4	942	12.2				
S11-81	484.00	486.00	2	1191743	275	195	3.6	<10	50.1	0.09	29	<10	6.5	532	5.7				
S11-81	486.00	488.00	2	1191744	448	227	5.4	<10	48.4	0.12	45	<10	5.9	691	13.8				
S11-81	488.00	490.00	2	1191745	1070	479	7.3	<10	65.1	0.18	75	<10	5.1	2110	25				
S11-81	490.00	492.00	2	1191746	1070	382	7.8	<10	54.1	0.22	77	<10	3.9	2440	18.2				
S11-81	492.00	494.00	2	1191747	363	176	6.9	<10	94.7	0.23	74	<10	5.2	655	13.7				
S11-81	494.00	496.00	2	1191748	116	33	5.9	<10	59.2	0.2	60	<10	4.4	202	10.9				
S11-81	496.00	498.00	2	1191749	245	58	6.1	<10	55.2	0.18	68	<10	6.7	644	33.3				
S11-81				1191750	24	<5	16.9	<10	248	0.26	195	10	11.9	67	31.4				
S11-81	498.00	500.00	2	33001	13	20	5.8	<10	101	0.19	63	<10	7.5	40	43.6				
S11-81	500.00	502.00	2	33002	15	11	5.8	<10	148	0.19	63	<10	7.2	40	43.1				
S11-81	502.00	504.00	2	33003	167	26	5.5	<10	66.8	0.18	59	<10	7.5	144	40.3				
S11-81	504.00	506.00	2	33004	11	13	5.7	<10	109	0.18	64	<10	8.7	44	45.2				
S11-81	506.00	508.00	2	33005	303	89	5.5	<10	90.8	0.19	62	<10	7	1860	40				
S11-81	508.00	510.00	2	33006	11	13	5.7	<10	181	0.19	63	<10	7.6	44	38.3				
S11-81	520.00	522.00	2	33007	21	13	5.2	<10	117	0.16	53	<10	7.5	87	18.1				
S11-81	522.00	524.00	2	33008	27	16	6.1	<10	73.4	0.16	60	<10	9.5	95	12.6				
S11-81	524.00	526.00	2	33009	46	25	6.9	<10	95.4	0.22	70	<10	4.9	137	16.5				
S11-81	526.00	528.00	2	33010	58	27	7.2	<10	85.8	0.24	78	<10	6.3	151	15				
S11-81	528.00	530.00	2	33011	38	18	7.1	<10	63.1	0.21	77	<10	5.8	105	22.6				
S11-81	530.00	532.00	2	33012	64	11	6.5	<10	75.9	0.14	63	<10	7.7	70	25.4				
S11-81	532.00	534.00	2	33013	58	15	11.7	<10	82	0.17	93	<10	11.4	128	33				

Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-81	540.00	542.00	2	33017	8	<5	5.6	<10	363	0.2	62	<10	7.2	35	42				
S11-81	542.00	544.00	2	33018	9	<5	5.6	<10	330	0.17	61	<10	7.3	34	39.3				
S11-81	542.00	544.00		33019	7	<5	5.5	<10	341	0.18	61	<10	7.2	35	40.2				
S11-81	544.00	546.00	2	33020	9	<5	5.6	<10	299	0.18	64	<10	7.2	36	41				
S11-81	546.00	548.00	2	33021	7	<5	5.5	<10	322	0.15	62	<10	7.1	31	39.7				
S11-81	548.00	550.00	2	33022	10	<5	5.6	<10	303	0.18	62	<10	7.3	41	39.3				
S11-81	550.00	552.00	2	33023	8	<5	5.4	<10	303	0.16	61	<10	7	35	39				
S11-81	552.00	554.00	2	33024	12	<5	5.3	<10	195	0.17	59	<10	7.3	45	38.5				
S11-81	554.00	556.00	2	33025	9	<5	5.6	<10	319	0.17	61	<10	7.3	37	38.2				
S11-81	556.00	558.00	2	33026	14	<5	5.6	<10	278	0.18	61	<10	7.9	43	40.9				
S11-81	558.00	560.00	2	33027	78	11	5.4	<10	110	0.18	60	<10	10	141	39.1				
S11-81	560.00	562.00	2	33028	20	10	5.3	<10	110	0.17	59	<10	8.7	54	41.3				
S11-81	562.00	564.00	2	33029	29	7	5.1	<10	113	0.18	54	<10	9.5	69	40.8				
S11-81				33030	13	<5	18.5	<10	873	0.93	206	<10	26.3	108	224				
S11-81	564.00	566.00	2	33031	20	<5	6.7	<10	221	0.19	64	<10	10.9	55	22.4				
S11-81	566.00	568.00	2	33032	12	<5	6.5	<10	284	0.22	70	<10	10	113	11.1				
S11-81	568.00	570.00	2	33033	19	<5	9	<10	129	0.16	76	<10	11.5	135	18.7				
S11-81	570.00	572.00	2	33034	11	<5	6.4	<10	1010	0.19	70	<10	9.4	41	14.8				
S11-81	572.00	574.00	2	33035	9	<5	6.7	<10	806	0.22	76	<10	9	37	14				
S11-81	574.00	576.00	2	33036	10	<5	6.7	<10	722	0.24	73	<10	8.8	38	15.3				
S11-81	576.00	578.00	2	33037	25	<5	13.3	<10	220	0.23	100	<10	13.7	60	21.1				
S11-81	578.00	580.00	2	33038	25	8	20.8	<10	111	0.25	143	<10	10.7	77	38.2				
S11-81	580.00	582.00	2	33039	30	<5	17.5	<10	138	0.26	119	<10	11.3	76	27.3				
S11-81	582.00	584.00	2	33040	194	7	5.6	<10	97.2	0.16	54	<10	11	307	12.2				
S11-81	584.00	586.00	2	33041	90	5	6.2	<10	94.7	0.19	59	<10	13.6	115	13.7				
S11-81	586.00	588.00	2	33042	48	5	6.2	<10	78.1	0.15	58	<10	7.9	76	13.9				
S11-81	588.00	590.00	2	33043	54	10	5.2	<10	88.5	0.16	44	<10	12.4	69	13.5				
S11-81	590.00	592.00	2	33044	16	5	9.1	<10	228	0.25	97	<10	7.7	59	19.3				
S11-81	592.00	594.00	2	33045	30	5	5.2	<10	121	0.16	55	<10	10.1	86	12.2				
S11-81	592.00	594.00		33046	31	<5	5	<10	131	0.15	53	<10	10.7	91	12.7				
S11-81	594.00	596.00	2	33047	17	<5	6.5	<10	366	0.19	70	<10	17.6	56	12.2				
S11-81	596.00	598.00	2	33048	32	6	5.2	<10	91	0.16	52	<10	15	69	15.1				
S11-81	598.00	600.00	2	33049	262	<5	4.9	<10	85.8	0.17	45	<10	14	407	11.7				
S11-81	600.00	602.00	2	33050	39	<5	5.8	<10	246	0.17	61	<10	8.7	180	13.9				
S11-81	602.00	604.00	2	33051	52	<5	5.2	<10	117	0.17	55	<10	9.8	160	14.4				
S11-81	604.00	606.00	2	33052	10	<5	5.7	<10	259	0.18	50	<10	10.1	68	21.1				
S11-81	606.00	608.00	2	33053	9	<5	4.4	<10	263	0.13	43	<10	8.2	99	11.5				
S11-81				33054	26	<5	16	<10	246	0.24	189	10	12	62	32.5				
S11-81	608.00	610.00	2	33055	9	<5	5.2	<10	391	0.19	46	<10	9.3	150	12.6	N.A.			
S11-81	610.00	612.00	2	33056	210	9	7.8	<10	231	0.16	49	<10	17.1	769	14.7	37.3			
S11-81	612.00	614.00	2	33057	342	120	7	<10	243	0.16	61	<10	10.6	935	13.8	N.A.			
S11-81	614.00	616.00	2	33058	188	60	5.8	<10	88.7	0.13	45	<10	14.2	322	12.9	N.A.			
S11-81	616.00	618.00	2	33059	255	13	5.3	<10	59.2	0.15	58	<10	9.4	447	14.9	N.A.			
S11-81	618.00	620.00	2	33060	413	40	5.7	<10	969	0.18	60	<10	6.9	681	14.7	N.A.			
S11-81	620.00	622.00	2	33061	73	13	6.1	<10	3010	0.2	64	<10	8.5	186	13.9	N.A.			
S11-81	622.00	624.00	2	33062	16	<5	6.1	<10	471	0.19	65	<10	7.2	33	14.2	N.A.			
S11-81	624.00	626.00	2	33063	13	8	6.5	<10	398	0.21	71	<10	7	38	16.2	N.A.			
S11-81	626.00	628.00	2	33064	17	16	6.3	<10	401	0.22	69	<10	8.8	44	17	N.A.			
S11-81	628.00	630.00	2	33065	67	12	6.2	<10	165	0.2	68	<10	7.5	372	17	N.A.			
S11-81	630.00	632.00	2	33066	220	16	5.9	<10	88.7	0.17	63	<10	6.7	407	13.3	N.A.			
S11-81	632.00	634.00	2	33067	31	11	6.2	<10	184	0.19	63	<10	8.9	52	15.1	N.A.			
S11-81	634.00	636.00	2	33068	168	10	6.4	<10	74.4	0.17	63	<10	11.2	250	13.2	N.A.			
S11-81	636.00	638.00	2	33069	125	9	7.3	<10	156	0.2	65	<10	15.5	184	14.1	N.A.			
S11-81	636.00	638.00	2	33070	129	10	8.3	<10	159	0.2	67	<10	19	215	13.7	N.A.			
S11-81	638.00	640.00	2	33071	20	<5	6.3	<10	433	0.21	71	<10	7.8	46	14.3	N.A.			
S11-81	640.00	642.00	2	33072	33	12	6	<10	180	0.21	66	<10	8.8	81	10.8	N.A.			
S11-81	642.00	644.00	2	33073	49	14	6	<10	99.1	0.2	59	<10	7.2	135	8.1	N.A.			
S11-81	644.00	646.00	2	33074	240	11	7.1	<10	158	0.22	73	<10	9.7	376	15.6	N.A.			
S11-81	646.00	648.00	2	33075	740	33	7	<10	124	0.14	54	<10	13.9	1820	29.1	N.A.			
S11-81	648.00	650.00	2	33076	589	19	5.2	<10	54.8	0.16	51	<10	11.6	1480	19.5	N.A.			
S11-81	650.00	652.00	2	33077	1070	18	5.7	<10	55.1	0.18	59	<10	8.6	2640	21.8	N.A.			
S11-81	652.00	654.00	2	33078	597	86	4.7	<10	46.1	0.16	50	<10	8.6	1050	26.8	N.A.			
S11-81				33079	17	<5	17.8	<10	862	0.91	198	<10	25.4	113	214	N.A.			
S11-81	654.00	656.00	2	33080	1840	325	15.9	<10	41.5	0.15	90	<10	10.5	6180	19.1	10.5			
S11-81	656.00	658.00	2	33081	187	53	12.9	<10	58.3	0.18	98	<10	13.9	336	31.2	N.A.			
S11-81	658.00	660.00	2	33082	249	86	5	<10	78.4	0.15	54	<10	5.9	565	43.3	N.A.			
S11-81	660.00	662.00	2	33083	86	34	5.1	<10	71.2	0.17	56	<10	6.6	128	45.8	N.A.			
S11-81	662.00	664.00	2	33084	120	23	5.4	<10	65.3	0.18	58	<10	7.5	324	46.8	N.A.			
S11-81	664.00	666.00	2	33085	21	16	5.3	<10	62	0.17	55	<10	7.1	62	42.8	N.A.			
S11-81	666.00	668.00	2	33086	230	46	7.2	<10	74.5	0.21	60	<10	8.8	1060	19.3	N.A.			
S11-81	668.00	670.00	2	33087	917	100	8.3	<10	41.8	0.16	60	<10	8.7	3890	28.9	N.A.			
S11-81	670.00	672.00	2	33088	472	37	5.9	<10	41.3	0.17	56	<10	7.6	1680	34.4	N.A.			
S11-81	672.00	674.00	2	33089	143	17	6.7	<10	52.8	0.19	94	<10	10.8	416	17.1	N.A.			
S11-81	674.00	676.00	2	33090	124	11	7.4	<10	565	0.23	73	<10	10.1	564	11.7	N.A.			
S11-81	676.00	678.00	2	33091	31	8	7.4	<10	1280	0.25	78	<10	9.2	120	12.9	N.A.			
S11-81	678.00	680.00	2	33092	338	52	8.1	<10	74	0.24	79	<10	9.2	2200	12.7	N.A.			
S11-81	680.00	682.00	2	33093	493	22	10.1	<10	54.5	0.23	91	<10	12.2	1310	11.3	N.A.			
S11-81	682.00	684.00	2	33094	10	14	5.8	<10	246	0.23	56	<10	7.6	33	10.7	N.A.			
S11-81	684.00	686.00	2	33095	8	6	6.5	<10	701	0.23	58	<10	7.2	41	12.2	N.A.			
S11-81	686.00	688.00	2	33096	177	27	6.9	<10	103	0.2	65	<10	7.9	1300	11.8	N.A.			
S11-81	688.00	690.00	2	33097	280	27	6.1	<10	74.3	0.18	65	<10	6.1	761	21	N.A.			
S11-81	690.00	692.00	2	33098	417	19	6	<10	54.6	0.2	67	<10	6.4	971	33.9	N.A.			
S11-81	692.00	694.00	2	33099	541	37	5.3	<10	41.4	0.19	63	<10	6.4	2080	36.6	N.A.			

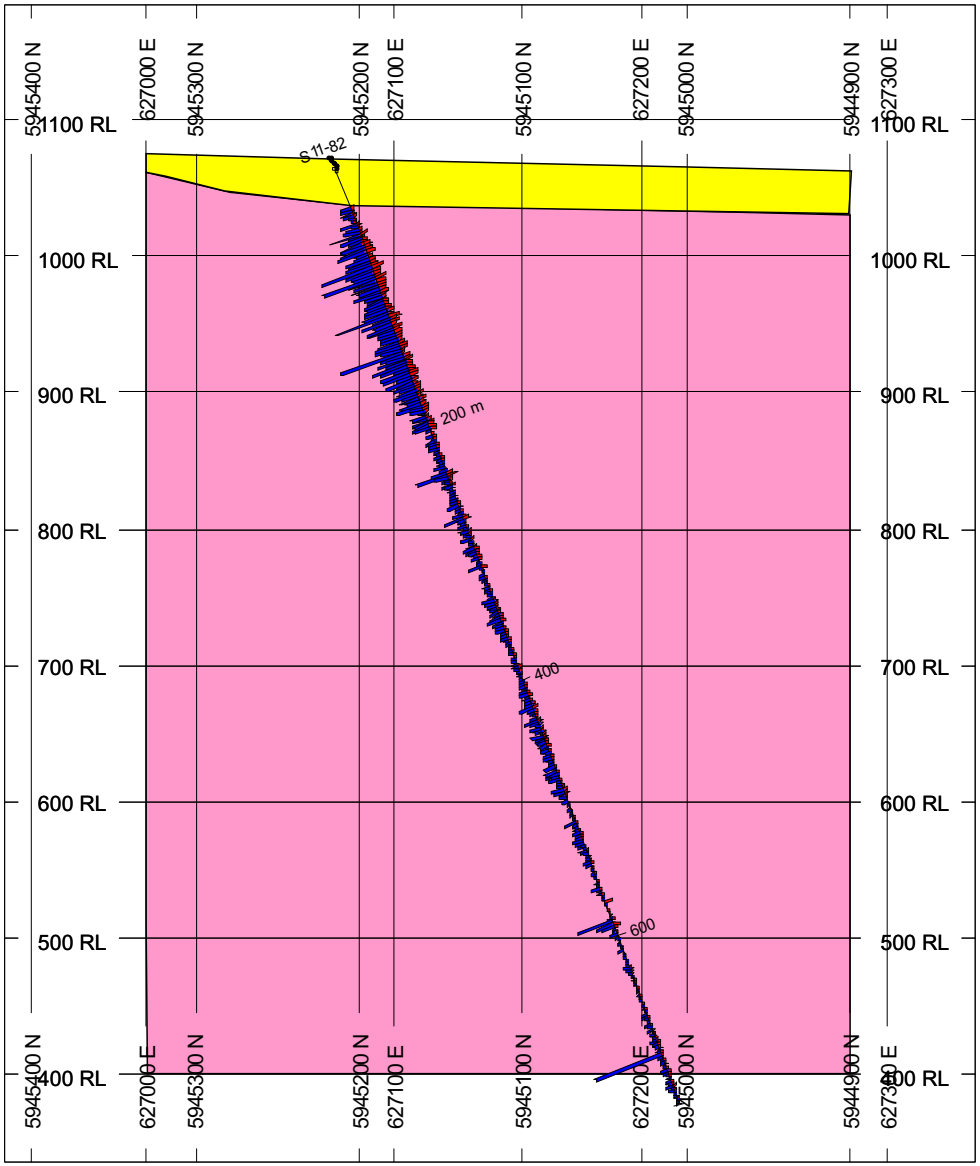
Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-82	32	34	2	33103	7	<5	7	<10	413	0.23	81	<10	7.2	40	13.8				
S11-82	34	36	2	33104	8	<5	6.3	<10	363	0.22	73	<10	7.1	43	10.5				
S11-82	36	38	2	33105	7	<5	7	<10	410	0.23	87	<10	6.6	42	13.1				
S11-82	38	40	2	33106	8	<5	7.1	<10	370	0.23	88	<10	7.5	49	23.4				
S11-82	40	42	2	33107	8	<5	6.7	<10	391	0.25	85	<10	6.4	49	31.3				
S11-82	42	44	2	33108	7	<5	6.9	<10	438	0.27	80	<10	5.8	43	16.6				
S11-82	44	46	2	33109	9	<5	7.6	<10	392	0.23	84	<10	7.5	59	19.5				
S11-82	46	48	2	33110	8	<5	7.4	<10	403	0.25	73	<10	7.6	41	12.3				
S11-82	48	50	2	33111	7	<5	7.4	<10	206	0.23	72	<10	7.3	52	12.9				
S11-82	50	52	2	33112	6	6	6.1	<10	135	0.18	59	<10	6.8	53	10.6				
S11-82	52	54	2	33113	7	<5	5.9	<10	324	0.15	71	<10	7.1	41	11.5				
S11-82	54	56	2	33114	6	<5	5.7	<10	249	0.15	68	<10	6.2	41	9.3				
S11-82	56	58	2	33115	5	<5	6	<10	247	0.17	63	<10	5.6	41	9.5				
S11-82	58	60	2	33116	4	<5	5.7	<10	271	0.16	77	<10	6.2	42	11.6				
S11-82	60	62	2	33117	5	<5	5.3	<10	236	0.14	60	<10	5.8	44	9.3				
S11-82	62	64	2	33118	<2	<5	4.2	<10	123	0.1	62	<10	4.6	46	7.4				
S11-82	64	66	2	33119	5	<5	4.4	<10	177	0.11	61	<10	5	48	7				
S11-82	66	68	2	33120	4	<5	4.1	<10	156	0.07	54	<10	3.9	41	7.1				
S11-82	68	70	2	33121	6	<5	5.2	<10	214	0.09	57	<10	5.2	45	8				
S11-82	70	72	2	33122	5	<5	4.6	<10	187	0.1	79	<10	5.4	42	8.6				
S11-82	72	74	2	33123	3	<5	3.3	<10	87.3	0.07	82	<10	3.3	34	5.9				
S11-82	74	76	2	33124	4	<5	4.4	<10	163	0.1	65	<10	4.8	43	6.9				
S11-82	74	76	2	33125	4	<5	4.6	<10	172	0.1	65	<10	5	43	7.7				
S11-82	76	78	2	33126	3	<5	3.8	<10	152	0.08	54	<10	4.7	43	6.2				
S11-82				33127	11	<5	18.6	<10	901	0.97	197	<10	25.7	100	219				
S11-82				33128	25	<5	16.8	<10	265	0.28	197	10	11.5	68	30.3				
S11-82	78	80	2	33129	3	<5	5.1	<10	191	0.1	87	<10	5.1	42	8.8				
S11-82	80	82	2	33130	4	<5	4.5	<10	217	0.09	71	<10	4.5	43	8.2				
S11-82	82	84	2	33131	3	<5	4.7	<10	238	0.09	75	<10	4.5	41	7.7				
S11-82	84	86	2	33132	3	<5	3.9	<10	159	0.08	62	<10	3.3	38	6.9				
S11-82	86	88	2	33133	3	<5	3.6	<10	213	0.08	65	<10	2.6	36	7.6				
S11-82	88	90	2	33134	<2	<5	3.2	<10	38.3	0.05	71	<10	2.2	37	5.8				
S11-82	90	92	2	33135	<2	<5	3	<10	114	0.05	96	<10	2	40	6.2				
S11-82	92	94	2	33136	<2	<5	3	<10	101	0.06	93	<10	2.1	45	6.5				
S11-82	94	96	2	33137	4	<5	6.5	<10	139	0.08	87	<10	4.4	57	7.6				
S11-82	96	98	2	33138	<2	<5	2.8	<10	98.7	0.07	114	<10	1.6	55	6.3				
S11-82	98	100	2	33139	6	<5	4.9	<10	272	0.12	57	<10	4.8	36	8.1				
S11-82	100	102	2	33140	12	<5	5.6	<10	373	0.03	56	<10	5.6	33	5				
S11-82	102	104	2	33141	8	<5	5.2	<10	296	0.11	53	<10	5.4	45	8.4				
S11-82	104	106	2	33142	8	<5	5.7	<10	326	0.13	57	<10	5.3	37	7.7				
S11-82	106	108	2	33143	9	<5	5.9	<10	338	0.14	61	<10	5.8	36	9.4				
S11-82	108	110	2	33144	9	<5	6.1	<10	288	0.18	65	<10	5.2	35	8.3				
S11-82	110	112	2	33145	9	<5	5.3	<10	242	0.14	71	<10	5.2	41	12.3				
S11-82	112	114	2	33146	8	<5	6	<10	290	0.15	62	<10	5.5	36	7.8				
S11-82	114	116	2	33147	6	6	4.2	<10	141	0.11	89	<10	3.8	33	7.7				
S11-82	116	118	2	33148	8	48	4.4	<10	69.1	0.08	69	<10	4.1	140	9.8				
S11-82	118	120	2	33149	6	<5	5.1	<10	113	0.11	59	<10	4.2	32	8.1				
S11-82	118	120	2	33150	7	7	5.1	<10	134	0.12	60	<10	4.6	43	8.6				
S11-82	120	122	2	33151	6	<5	4.7	<10	157	0.09	64	<10	3.9	33	6.9				
S11-82	122	124	2	33152	5	<5	4.9	<10	203	0.12	77	<10	4	42	8.1				
S11-82				33153	14	<5	17.3	<10	846	0.91	192	<10	25	106	214				
S11-82	124	126	2	33154	6	<5	4.6	<10	127	0.11	63	<10	4.1	35	7.6				
S11-82	126	128	2	33155	6	<5	5.2	<10	165	0.12	75	<10	4.8	41	8.7				
S11-82	128	130	2	33156	5	<5	4	<10	102	0.08	69	<10	4.4	38	7.9				
S11-82				33157	25	<5	15.7	<10	248	0.26	195	20	10.8	72	28.9				
S11-82	130	132	2	33158	8	<5	4.6	<10	201	0.11	86	<10	4.3	33	8.7				
S11-82	132	134	2	33159	11	<5	4.9	<10	237	0.12	61	<10	4.8	37	9				
S11-82	134	136	2	33160	9	<5	4.8	<10	201	0.12	84	<10	5.3	37	9.9				
S11-82	136	138	2	33161	6	<5	4.6	<10	190	0.1	87	<10	4.9	42	8.7				
S11-82	138	140	2	33162	8	<5	5.7	<10	206	0.13	94	<10	5.5	45	9.6				
S11-82	140	142	2	33163	7	<5	5.2	<10	168	0.14	69	<10	4.9	40	8.2				
S11-82	142	144	2	33164	12	<5	5.4	<10	150	0.14	66	<10	5	32	9.6				
S11-82	144	146	2	33165	8	<5	5.4	<10	277	0.15	66	<10	4.6	40	8.3				
S11-82	146	148	2	33166	7	<5	5.1	<10	268	0.16	65	<10	4.3	37	8.5				
S11-82	148	150	2	33167	6	<5	4.9	<10	157	0.13	63	<10	3.6	42	6.2				
S11-82	148	150		33168	5	6	4.5	<10	148	0.11	57	<10	3.3	42	5.6				
S11-82	150	152	2	33169	7	<5	5.2	<10	253	0.16	60	<10	4.3	36	7.7				
S11-82	152	154	2	33170	5	<5	5	<10	219	0.14	59	<10	4.1	38	8.8				
S11-82	154	156	2	33171	11	<5	5.2	<10	266	0.17	67	<10	5	37	9				
S11-82	156	158	2	33172	6	<5	5.2	<10	243	0.16	63	<10	5	38	8.9				
S11-82	158	160	2	33173	6	<5	5.3	<10	228	0.16	67	<10	4.6	41	8.4				
S11-82	160	162	2	33174	7	<5	5.2	<10	263	0.16	67	<10	4.8	39	8.8				
S11-82	162	164	2	33175	6	<5	4.7	<10	224	0.15	64	<10	4.1	39	7.4				
S11-82	164	166	2	33176	6	<5	5	<10	252	0.15	71	<10	4.3	37	8.6				
S11-82	166	168	2	33177	5	<5	4.9	<10	212	0.13	57	<10	4.1	40	8.1				
S11-82	168	170	2	33178	5	<5	5.1	<10	219	0.13	59	<10	4	44	7.9				
S11-82	170	172	2	33179	7	<5	4.8	<10	274	0.14	57	<10	3.9	40	8.1				
S11-82	172	174	2	33180	8	<5	5.8	<10	261	0.17	62	<10	4.9	47	9.6				
S11-82	174	176	2	33181	9	<5	5.1	<10	277	0.15	61	<10	4.7	46	8.9				
S11-82	176	178	2	33182	8	<5	5.2	<10	269	0.17	64	<10	3.9	46	9.5				
S11-82	178	180	2	33183	8	<5	5.4	<10	271	0.16	76	<10	4.7	51	10				
S11-82	180	182	2	33184	10	<5	5.6	<10	340	0.18	71	<10	5.1	38	9.7				
S11-82	182	184	2	33185	7	<5	5.1	<10	267	0.15	63	<10	4	41	8.8				

Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-82	186	188	2	33189	6	<5	5	<10	266	0.15	63	<10	4.6	34	8.8				
S11-82	188	190	2	33190	6	<5	5.3	<10	276	0.14	67	<10	4.5	37	8.7				
S11-82	190	192	2	33191	7	<5	5.6	<10	229	0.15	71	<10	3.9	53	9.3				
S11-82	192	194	2	33192	7	<5	5	<10	241	0.15	65	<10	4.3	36	8.5				
S11-82	194	196	2	33193	7	<5	5.8	<10	290	0.17	74	<10	4.1	48	8.9				
S11-82	196	198	2	33194	7	<5	5.1	<10	864	0.15	64	<10	3.7	42	9.1				
S11-82	198	200	2	33195	10	<5	4.9	<10	268	0.14	66	<10	4.5	41	9.7				
S11-82	200	202	2	33196	9	<5	5.2	<10	316	0.13	59	<10	4.2	44	9				
S11-82	202	204	2	33197	7	<5	5.1	<10	167	0.14	69	<10	4.5	50	9.4				
S11-82	204	206	2	33198	28	<5	5.2	<10	136	0.13	60	<10	4.3	40	11.6				
S11-82	206	208	2	33199	10	<5	5.3	<10	177	0.1	67	<10	4.5	36	14.3				
S11-82	206	208		33200	12	<5	5.1	<10	162	0.09	65	<10	4.7	37	12.9				
S11-82	208	210	2	33201	8	<5	5.8	<10	240	0.15	65	<10	5.9	52	14.4				
S11-82	210	212	2	33202	8	<5	6.1	<10	275	0.17	68	<10	5.8	54	15.5				
S11-82	212	214	2	33203	7	<5	5.8	<10	275	0.18	62	<10	5	49	14.7				
S11-82	214	216	2	33204	8	<5	5.2	<10	258	0.15	50	<10	4.7	43	12.7				
S11-82	216	218	2	33205	9	<5	5.9	<10	281	0.17	67	<10	6.8	54	15.5				
S11-82	218	220	2	33206	7	<5	5.6	<10	181	0.15	60	<10	6.6	46	15.3				
S11-82	220	222	2	33207	8	<5	6.1	<10	251	0.17	69	<10	6.1	50	15.6				
S11-82	222	224	2	33208	11	<5	6.1	<10	177	0.19	59	<10	6.8	51	17.7				
S11-82	224	226	2	33209	12	<5	5.6	<10	259	0.18	56	<10	6.2	43	15.8				
S11-82	226	228	2	33210	12	<5	7.5	<10	243	0.21	69	<10	8.1	48	19.3				
S11-82	228	230	2	33211	11	<5	6	<10	255	0.2	59	<10	6.5	47	18.8				
S11-82	230	232	2	33212	10	<5	5.9	<10	246	0.19	56	<10	7.3	47	18.1				
S11-82	232	234	2	33213	12	<5	6.1	<10	165	0.2	53	<10	7.3	44	18.2				
S11-82	234	236	2	33214	9	<5	5.7	<10	269	0.17	57	<10	7	44	11.7				
S11-82	236	238	2	33215	13	<5	6.1	<10	369	0.2	61	<10	6.3	45	11.5				
S11-82	238	240	2	33216	9	<5	5.5	<10	271	0.17	53	<10	6.1	47	10.7				
S11-82	240	242	2	33217	9	<5	5.7	<10	340	0.18	54	<10	5.9	42	11.1				
S11-82	242	244	2	33218	12	<5	6.3	<10	361	0.2	56	<10	7.4	45	12.8				
S11-82	244	246	2	33219	9	<5	6.1	<10	294	0.18	55	<10	7.2	44	13.2				
S11-82	246	248	2	33220	14	<5	6.4	<10	762	0.23	62	<10	7.2	43	13.7				
S11-82	246	248	2	33221	13	<5	6.2	<10	691	0.23	61	<10	7.2	43	13.6				
S11-82	248	250	2	33222	9	<5	6.7	<10	280	0.17	58	<10	6	50	14				
S11-82				33223	12	<5	17	<10	849	0.91	178	<10	24.7	105	211				
S11-82				33224	24	<5	16.7	<10	252	0.27	201	20	11.6	72	31				
S11-82	250	252	2	33225	7	<5	6.1	<10	218	0.15	61	<10	6.3	40	11.6				
S11-82	252	254	2	33226	16	<5	5.1	<10	74.4	0.11	56	10	4.4	41	12.6				
S11-82	254	256	2	33227	29	<5	7	<10	79.8	0.13	96	<10	4.5	50	12.9				
S11-82	256	258	2	33228	43	<5	5.1	<10	44.2	0.14	50	<10	5.6	70	10.8				
S11-82	258	260	2	33229	8	<5	4.7	<10	41.7	0.14	47	10	4.2	38	11.9				
S11-82	260	262	2	33230	11	<5	6.2	<10	421	0.17	67	<10	5.9	48	11.9				
S11-82	262	264	2	33231	9	<5	6.5	<10	452	0.18	71	<10	6.7	51	14.4				
S11-82	264	266	2	33232	11	<5	6.4	<10	52	0.18	71	<10	5.8	51	13.4				
S11-82	266	268	2	33233	10	<5	6.8	<10	114	0.21	77	<10	7.3	38	13.1				
S11-82	268	270	2	33234	7	<5	6.5	<10	256	0.17	69	<10	6.5	35	12.4				
S11-82	270	272	2	33235	12	<5	6.5	<10	892	0.21	72	<10	7	35	14.9				
S11-82	272	274	2	33236	11	<5	6.4	<10	743	0.21	72	<10	6.2	37	12.8				
S11-82	274	276	2	33237	8	<5	5.6	<10	202	0.13	58	<10	5.1	37	9.9				
S11-82	276	278	2	33238	8	<5	5.6	<10	202	0.14	59	<10	4.5	47	11.9				
S11-82	278	280	2	33239	7	<5	6.2	<10	258	0.17	72	<10	6.2	43	12.7				
S11-82	280	282	2	33240	9	<5	5.8	<10	220	0.15	65	<10	6.3	41	12.3				
S11-82	282	284	2	33241	9	<5	6.1	<10	187	0.15	72	<10	5.8	39	12				
S11-82	284	286	2	33242	6	8	6.2	<10	110	0.13	67	<10	6	35	12.2				
S11-82	286	288	2	33243	9	<5	7.2	<10	687	0.18	85	<10	7.1	39	27.1				
S11-82	288	290	2	33244	6	<5	7	<10	1460	0.15	79	<10	6.1	38	23.4				
S11-82	290	292	2	33245	7	<5	6.5	<10	409	0.15	69	<10	6.6	37	18.1				
S11-82	292	294	2	33246	6	<5	6.2	<10	249	0.14	65	<10	6.7	38	14.1				
S11-82	294	296	2	33247	9	<5	6.4	<10	649	0.19	75	<10	7.9	31	15.7				
S11-82	296	298	2	33248	12	<5	6.6	<10	979	0.16	71	<10	6.8	36	14.3				
S11-82	298	300	2	33249	10	9	6.3	<10	938	0.17	71	<10	6.4	51	14.6				
S11-82	300	302	2	33250	10	<5	6.2	<10	1300	0.17	69	<10	6.7	35	14.6	N.A.			
S11-82	302	304	2	33251	9	<5	6.3	<10	616	0.17	69	<10	7.2	40	13.6	N.A.			
S11-82	304	306	2	33252	9	<5	6.4	<10	342	0.18	75	<10	7.9	42	12.7	N.A.			
S11-82	306	308	2	33253	6	<5	5.1	<10	159	0.17	56	<10	6.6	50	11.9	N.A.			
S11-82	308	310	2	33254	6	<5	6.4	<10	179	0.17	66	<10	7.2	50	13.6	N.A.			
S11-82	308	310	2	33255	7	<5	6.1	<10	171	0.17	63	<10	6.8	47	13.6	N.A.			
S11-82				33256	12	<5	17.1	<10	848	0.88	196	<10	25.1	108	215	N.A.			
S11-82				33257	26	<5	16.1	<10	256	0.26	197	20	11.5	69	29.8	N.A.			
S11-82	310	312	2	33258	10	<5	6.3	<10	473	0.17	69	<10	5.6	51	14.1	N.A.			
S11-82	312	314	2	33259	8	<5	6	<10	175	0.16	69	<10	5.8	55	12.7	N.A.			
S11-82	314	316	2	33260	5	<5	5.2	<10	82.5	0.13	52	<10	5.2	46	14.2	N.A.			
S11-82	316	318	2	33261	11	17	5	<10	41.9	0.13	55	<10	5.5	56	12.9	N.A.			
S11-82	318	320	2	33262	8	<5	6.9	<10	184	0.18	75	<10	6.5	31	13.9	N.A.			
S11-82	320	322	2	33263	8	<5	6.4	<10	370	0.17	66	<10	6.1	38	13.9	N.A.			
S11-82	322	324	2	33264	9	<5	6.7	<10	346	0.18	74	<10	6.3	37	14.9	N.A.			
S11-82	324	326	2	33265	8	<5	6.2	<10	202	0.15	68	<10	6.5	33	13.9	N.A.			
S11-82	326	328	2	33266	6	<5	5.1	<10	71.1	0.13	52	<10	5.6	37	14.8	N.A.			
S11-82	328	330	2	33267	7	6	6.8	<10	62.7	0.17	73	<10	6.9	42	14	N.A.			
S11-82	330	332	2	33268	9	<5	6.7	<10	79.4	0.2	73	<10	7.2	37	14.3	N.A.			
S11-82	332	334	2	33269	9	<5	6.4	<10	55.2	0.18	72	<10	8.6	38	15.7	N.A.			
S11-82	334	336	2	33270	10	7	6.6	<10	64.3	0.17	68	<10	6.8	41	14.5	N.A.			
S11-82	336	338	2	33271	9	6	6.7	<10	63.2	0.18	72	<10	7.6	31	16.6	N.A.			

Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-82	342	344		33275	6	6	5.4	<10	58.2	0.1	57	<10	6.9	32	14.8	N.A.			
S11-82				33276	13	<5	17.7	<10	823	0.91	202	<10	25.8	110	220	N.A.			
S11-82				33277	27	<5	16.3	<10	255	0.25	202	20	11.7	72	29.5	N.A.			
S11-82	344	346	2	33278	5	<5	6	<10	49.7	0.12	64	<10	7	36	14.3	N.A.			
S11-82	346	348	2	33279	8	<5	6.6	<10	730	0.18	74	<10	7.2	35	15.1	N.A.			
S11-82	348	350	2	33280	9	<5	6.6	<10	836	0.22	73	<10	7.1	32	14.2	N.A.			
S11-82	350	352	2	33281	10	<5	6.9	<10	910	0.23	76	<10	7.9	29	16.1	N.A.			
S11-82	352	354	2	33282	9	<5	6.7	<10	1060	0.23	77	<10	7.6	28	16.1	N.A.			
S11-82	354	356	2	33283	9	5	6.5	<10	267	0.2	72	<10	7.8	34	14.2	N.A.			
S11-82	356	358	2	33284	491	72	5.4	<10	130	0.17	59	<10	6.2	1060	13.2	N.A.			
S11-82	358	360	2	33285	11	<5	6	<10	562	0.2	65	20	7.9	33	14.2	N.A.			
S11-82	360	362	2	33286	11	<5	6.7	<10	727	0.24	72	<10	8.1	27	15.8	N.A.			
S11-82	362	364	2	33287	10	<5	7.5	<10	544	0.23	80	<10	8	30	17	N.A.			
S11-82	364	366	2	33288	11	<5	7.3	<10	492	0.21	82	<10	7.6	34	16.4	N.A.			
S11-82	366	368	2	33289	14	<5	6.8	<10	391	0.21	76	<10	8.7	30	16.2	N.A.			
S11-82	368	370	2	33290	8	<5	5.7	<10	139	0.12	60	<10	7.5	25	15.5	N.A.			
S11-82	370	372	2	33291	9	<5	7.2	<10	279	0.16	78	<10	7.4	44	17.2	N.A.			
S11-82	372	374	2	33292	10	<5	6.5	<10	344	0.19	77	<10	7.2	27	15.4	N.A.			
S11-82	372	374		33293	10	<5	6.3	<10	1070	0.18	72	<10	7.4	27	15.8	N.A.			
S11-82				33294	13	<5	17.5	<10	871	0.9	198	<10	25.5	105	218	N.A.			
S11-82				33295	26	<5	16.8	<10	267	0.27	208	20	11.5	72	30.9	N.A.			
S11-82	374	376	2	33296	10	<5	7.1	<10	379	0.23	84	<10	7.8	31	17.5	N.A.			
S11-82	376	378	2	33297	9	<5	6.4	<10	235	0.19	71	<10	6.8	36	14.1	N.A.			
S11-82	378	380	2	33298	9	<5	6.8	<10	506	0.22	83	<10	7.4	35	16.7	N.A.			
S11-82	380	382	2	33299	12	<5	7.5	<10	680	0.22	95	<10	7.4	37	17.5	N.A.			
S11-82	382	384	2	33300	11	<5	6.8	<10	848	0.24	80	<10	7.1	33	15.9	N.A.			
S11-82	384	386	2	33301	10	<5	6.9	<10	785	0.23	78	<10	7.8	39	16.6	N.A.			
S11-82	386	388	2	33302	52	23	7.1	<10	260	0.19	74	<10	7.3	128	13.9	N.A.			
S11-82	388	390	2	33303	11	<5	7	<10	1350	0.18	75	<10	7.4	37	14.7	N.A.			
S11-82	390	392	2	33304	8	31	6.9	<10	275	0.18	79	<10	7.1	112	15.6	11.7			
S11-82	392	394	2	33305	13	29	6.5	<10	566	0.19	74	<10	6	153	17.3	N.A.			
S11-82	394	396	2	33306	27	21	6.3	<10	453	0.19	74	<10	6.1	53	15.2	N.A.			
S11-82	396	398	2	33307	504	268	6.3	<10	273	0.18	68	<10	7.2	485	14.9	N.A.			
S11-82	398	400	2	33308	26	18	7.4	<10	524	0.2	81	<10	7.5	78	15.2	N.A.			
S11-82	398	400	2	33309	12	17	7.6	<10	548	0.22	81	<10	7.8	57	16.6	N.A.			
S11-82				33310	13	<5	17.6	<10	885	0.94	196	<10	25.7	104	219				
S11-82				33311	25	5	16.8	<10	259	0.27	204	20	11.8	68	32				
S11-82	400	402	2	33312	266	38	6.7	<10	404	0.22	78	<10	7.8	60	20.2				
S11-82	402	404	2	33313	11	<5	6.6	<10	514	0.21	72	<10	7.6	31	17.4				
S11-82	404	406	2	33314	10	<5	6.9	<10	501	0.2	76	<10	7	34	13.3				
S11-82	406	408	2	33315	6	<5	6.4	<10	295	0.13	63	<10	7.1	32	12.8				
S11-82	408	410	2	33316	11	<5	6.8	<10	528	0.21	72	<10	6.6	35	13.1				
S11-82	410	412	2	33317	10	<5	7	<10	448	0.18	76	<10	7.1	40	15.2				
S11-82	412	414	2	33318	10	<5	6.9	<10	424	0.17	76	<10	7.2	39	14.9				
S11-82	414	416	2	33319	11	<5	8	<10	545	0.24	88	<10	8.4	36	14.1				
S11-82	416	418	2	33320	10	<5	8.3	<10	527	0.23	89	<10	8.2	35	13.3				
S11-82	418	420	2	33321	8	<5	6.5	<10	339	0.19	70	<10	10	36	12.8				
S11-82	420	422	2	33322	10	<5	6.8	<10	617	0.17	74	<10	10.3	35	14				
S11-82	422	424	2	33323	10	<5	6.7	<10	387	0.22	73	<10	8.3	38	14.4				
S11-82	424	426	2	33324	10	<5	7	<10	672	0.24	81	<10	7.2	35	15.1				
S11-82	426	428	2	33325	8	<5	6.2	<10	257	0.19	66	<10	6.8	32	12.4				
S11-82	426	428	2	33326	9	<5	6.2	<10	265	0.18	68	<10	6.4	40	12.8				
S11-82				33327	13	<5	18	<10	924	0.89	194	<10	26	104	219				
S11-82				33328	23	6	16.9	<10	258	0.27	204	20	11.4	67	33.2				
S11-82	428	430	2	33329	9	<5	7	<10	361	0.18	77	<10	6.2	35	13.8				
S11-82	430	432	2	33330	10	<5	7.4	<10	511	0.23	85	<10	7.3	35	15.7				
S11-82	432	434	2	33331	10	<5	7.2	<10	637	0.21	83	<10	7.6	31	13				
S11-82	434	436	2	33332	10	<5	7.1	<10	569	0.24	77	<10	7.6	35	13.8				
S11-82	436	438	2	33333	11	<5	8.6	<10	451	0.28	87	<10	12.5	38	13.3				
S11-82	438	440	2	33334	10	<5	7.6	<10	676	0.26	82	<10	8.1	33	12.5				
S11-82	440	442	2	33335	9	<5	6.9	<10	568	0.21	71	<10	7	32	12.1				
S11-82	442	444	2	33336	8	<5	6.4	<10	1080	0.2	66	<10	10.9	32	11.9				
S11-82	444	446	2	33337	8	<5	7	<10	657	0.23	70	<10	11.2	32	11.4				
S11-82	446	448	2	33338	8	<5	7.7	<10	727	0.25	85	<10	8.9	35	12.5				
S11-82	448	450	2	33339	11	<5	7.2	<10	772	0.26	79	<10	10.3	35	13.8				
S11-82	450	452	2	33340	11	<5	7	<10	1030	0.26	79	<10	9.1	38	13.7				
S11-82	452	454	2	33341	12	<5	6.9	<10	466	0.22	75	<10	8.7	35	16				
S11-82	454	456	2	33342	10	<5	6.9	<10	989	0.24	78	<10	7.9	39	15.3				
S11-82	456	458	2	33343	9	<5	6.9	<10	1090	0.23	81	<10	7.8	38	14.6				
S11-82	456	458	2	33344	10	<5	6.8	<10	1050	0.24	79	<10	7.5	37	14.2				
S11-82				33345	12	<5	17	<10	906	0.95	191	<10	24.7	101	210				
S11-82				33346	27	<5	16.5	<10	258	0.26	201	20	12.2	69	32.7				
S11-82	458	460	2	33347	11	<5	6.7	<10	1110	0.24	75	<10	10.8	38	14.7				
S11-82	460	462	2	33348	10	<5	6.9	<10	375	0.24	77	<10	9.1	39	15.6				
S11-82	462	464	2	33349	7	<5	6	<10	239	0.17	57	<10	7.8	40	13.7				
S11-82	464	466	2	33350	8	<5	5.8	<10	243	0.17	55	10	10.7	39	12.5				
S11-82	466	468	2	33351	13	<5	8.3	<10	417	0.29	83	<10	10.9	50	13.8				
S11-82	468	470	2	33352	11	11	4.6	<10	136	0.18	58	<10	10	51	17.3				
S11-82	470	472	2	33353	14	13	4.1	<10	164	0.1	36	<10	6	45	5.9				
S11-82	472	474	2	33354	17	9	3.5	<10	95.2	0.11	28	<10	4.7	55	6.4				
S11-82	474	476	2	33355	16	16	6	<10	414	0.37	92	<10	7.1	75	74				
S11-82	476	478	2	33356	138	11	2.2	<10	50.7	0.06	22	20	3.2	136	10.7				
S11-82	478	480	2	33357	69	10	3.4	<10	60.6	0.1	27	<10	4.5	89	13.9				

Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-82	484	486	2	33361	16	<5	5.7	<10	246	0.16	55	<10	7.1	37	7.2				
S11-82				33362	24	5	16.6	<10	259	0.27	200	20	11.5	68	34.7				
S11-82				33363	12	<5	17.3	<10	867	0.92	190	<10	25	101	213				
S11-82	486	488	2	33364	11	5	5.4	<10	177	0.17	45	<10	6.9	29	8.7				
S11-82	488	490	2	33365	10	<5	7.2	<10	72.4	0.22	71	10	8.4	28	8.9				
S11-82	490	492	2	33366	11	12	4.9	<10	169	0.15	46	10	5.6	36	9.3				
S11-82	492	494	2	33367	19	<5	3.6	<10	77.7	0.11	30	<10	6.2	48	7.6				
S11-82	494	496	2	33368	42	5	4.6	<10	69.1	0.15	42	<10	11.2	114	9.4				
S11-82	496	498	2	33369	26	<5	5.3	<10	79.3	0.18	49	<10	8.4	64	12.1				
S11-82	498	500	2	33370	15	5	4	<10	64.4	0.13	34	<10	7	48	8.6				
S11-82	500	502	2	33371	26	<5	4.3	<10	83.9	0.14	37	<10	6.9	66	7.5				
S11-82	502	504	2	33372	43	7	6	<10	169	0.23	58	<10	9.7	125	10				
S11-82	504	506	2	33373	179	8	3.4	<10	46.9	0.12	30	<10	6.2	334	7.4				
S11-82	506	508	2	33374	60	7	3.6	<10	74.3	0.1	26	<10	4.9	140	6				
S11-82	508	510	2	33375	35	5	3.2	<10	76.6	0.09	26	<10	4.5	88	5.7				
S11-82	510	512	2	33376	15	<5	6.1	<10	118	0.22	59	<10	8.9	38	12				
S11-82	512	514	2	33377	50	10	4.9	<10	89.9	0.13	41	<10	4.7	91	7.2				
S11-82	512	514	2	33378	63	13	4.8	<10	90	0.13	40	<10	4.9	97	7.2				
S11-82				33379	24	5	16.4	<10	255	0.27	200	20	11.3	70	31.8				
S11-82				33380	13	<5	17	<10	896	0.9	191	<10	24.6	103	211				
S11-82	514	516	2	33381	1210	100	3.6	<10	62.8	0.09	28	<10	4.8	4260	7.3				
S11-82	516	518	2	33382	27	9	4.5	<10	64.9	0.11	36	<10	11.8	57	6.5				
S11-82	518	520	2	33383	25	12	3.2	<10	93	0.07	24	<10	6	105	6.1				
S11-82	520	522	2	33384	33	7	4.1	<10	65	0.1	33	<10	5	71	6.4				
S11-82	522	524	2	33385	31	9	3.5	<10	70.8	0.08	26	<10	5.9	76	6.3				
S11-82	524	526	2	33386	41	7	4.8	<10	42	0.09	36	<10	4.6	91	6.3	N.A.			
S11-82	526	528	2	33387	53	6	2.8	<10	27	0.08	23	<10	4.6	103	5.3	N.A.			
S11-82	528	530	2	33388	85	8	3.6	<10	49.2	0.09	27	<10	7.6	169	6.8	N.A.			
S11-82	530	532	2	33389	43	6	3.1	<10	49.2	0.11	25	<10	6.4	120	5.4	N.A.			
S11-82	532	534	2	33390	79	20	4.6	<10	48.2	0.08	37	<10	7.5	197	5.7	N.A.			
S11-82	534	536	2	33391	149	22	4.7	<10	48.4	0.09	36	<10	5.7	257	5.1	N.A.			
S11-82	536	538	2	33392	50	7	5	<10	90.1	0.11	36	<10	5.6	135	6.3	N.A.			
S11-82	538	540	2	33393	28	<5	4.2	<10	126	0.09	30	<10	4	97	4.7	N.A.			
S11-82	540	542	2	33394	23	<5	3.8	<10	188	0.1	31	<10	4.6	88	7.4	N.A.			
S11-82	542	544	2	33395	25	9	5.3	<10	113	0.09	40	<10	5.7	96	6.2	N.A.			
S11-82	544	546	2	33396	20	6	5	<10	114	0.09	38	<10	5.7	73	6.6	N.A.			
S11-82				33397	28	<5	18.1	<10	286	0.28	214	20	12.6	78	31.3	N.A.			
S11-82				33398	13	<5	18.2	<10	878	0.95	201	<10	26.2	107	222	N.A.			
S11-82	544	546	2	33399	28	<5	4.3	<10	66	0.08	35	<10	5.2	68	5.6	N.A.			
S11-82	546	548	2	33400	23	<5	6.1	<10	88.9	0.1	38	<10	6.9	63	5.6	N.A.			
S11-82	548	550	2	33401	22	13	4	<10	106	0.1	27	<10	6.8	72	4.4	N.A.			
S11-82	550	552	2	33402	132	11	5.4	<10	86.5	0.11	39	<10	6.7	275	4.8	N.A.			
S11-82	552	554	2	33403	55	<5	4.3	<10	73.9	0.1	32	<10	5	131	5	N.A.			
S11-82	554	556	2	33404	24	<5	4.5	<10	105	0.1	32	<10	6.9	59	5.3	N.A.			
S11-82	556	558	2	33405	23	<5	4.2	<10	95.8	0.1	30	<10	7.7	58	4.9	N.A.			
S11-82	558	560	2	33406	25	<5	5.3	<10	123	0.1	36	<10	7.5	88	4.5	N.A.			
S11-82	560	562	2	33407	14	<5	8.2	<10	232	0.35	100	<10	7.2	59	51.7	N.A.			
S11-82	562	564	2	33408	31	<5	5.8	<10	145	0.25	69	<10	5	70	33.6	N.A.			
S11-82	564	566	2	33409	26	<5	4.2	<10	108	0.08	31	<10	8.2	70	5.3	N.A.			
S11-82	566	568	2	33410	59	<5	5.6	<10	86.7	0.1	38	<10	7.3	119	5.9	N.A.			
S11-82	568	570	2	33411	31	<5	4.1	<10	163	0.08	28	<10	6.2	91	4.3	N.A.			
S11-82	570	572	2	33412	27	<5	3.6	<10	191	0.08	24	<10	5.6	86	4.7	N.A.			
S11-82	572	574	2	33413	54	<5	10.9	<10	91.9	0.18	70	<10	9	309	13.9	N.A.			
S11-82	572	574	2	33414	62	<5	10.7	<10	123	0.19	73	<10	8.8	185	11.2	N.A.			
S11-82				33415	26	<5	16.7	<10	262	0.24	198	10	11.9	75	29.2	N.A.			
S11-82				33416	13	<5	17.2	<10	917	0.92	197	<10	25.2	105	213	N.A.			
S11-82	574	576	2	33417	25	<5	11	<10	212	0.24	100	<10	9.3	85	18.1	N.A.			
S11-82	576	578	2	33418	54	<5	6.5	<10	83.7	0.12	51	<10	8	96	12.7	N.A.			
S11-82	578	580	2	33419	53	6	4	<10	84.3	0.09	29	<10	6.9	124	4.9	N.A.			
S11-82	580	582	2	33420	38	<5	8.3	<10	91.2	0.13	64	<10	10.2	81	20.5	N.A.			
S11-82	582	584	2	33421	23	<5	7.2	<10	105	0.19	71	<10	7.4	61	34.6	N.A.			
S11-82	584	586	2	33422	30	<5	11.7	<10	250	0.28	114	<10	9.9	115	57.7	N.A.			
S11-82	586	588	2	33423	227	12	11.6	<10	55.2	0.16	88	<10	11	458	17	N.A.			
S11-82	588	590	2	33424	2000	17	6.8	<10	63.6	0.02	41	<10	10.9	4880	3.3	N.A.			
S11-82	590	592	2	33425	620	16	4.1	<10	42.5	0.07	31	<10	7.3	973	5.9	13.9			
S11-82	592	594	2	33426	159	12	4.6	<10	69.7	0.08	31	<10	6.5	369	6.4	N.A.			
S11-82	594	596	2	33427	72	<5	4.7	<10	53.3	0.09	32	<10	7.7	129	6.2	N.A.			
S11-82	596	598	2	33428	180	5	4.9	<10	46.1	0.08	34	<10	4.6	374	5.5	N.A.			
S11-82	598	600	2	33429	179	7	5.9	<10	61.2	0.08	42	<10	5.1	233	13.2	N.A.			
S11-82	600	602	2	33430	35	9	6.2	<10	119	0.1	42	<10	5.7	75	6	N.A.			
S11-82	602	604	2	33431	24	<5	3.7	<10	143	0.07	27	<10	7.3	68	4.2	N.A.			
S11-82	602	604	2	33432	26	<5	3.8	<10	157	0.08	28	<10	5.2	72	3.8	N.A.			
S11-82				33433	25	<5	16	<10	262	0.27	193	10	11.8	66	32.2	N.A.			
S11-82				33434	15	<5	17.5	<10	871	0.89	198	<10	25.4	101	216	N.A.			
S11-82	604	606	2	33435	23	<5	4.3	<10	158	0.08	28	<10	5	58	4.5	N.A.			
S11-82	606	608	2	33436	27	<5	4	<10	232	0.09	30	10	4.9	70	4.1	N.A.			
S11-82	608	610	2	33437	30	7	4.8	<10	144	0.08	35	<10	6.6	78	5	N.A.			
S11-82	610	612	2	33438	21	<5	4.7	<10	170	0.09	33	<10	6.8	59	5.1	N.A.			
S11-82	612	614	2	33439	26	<5	4.5	<10	125	0.09	33	<10	12.8	70	3.8	N.A.			
S11-82	614	616	2	33440	19	<5	3.3	<10	162	0.07	26	<10	4.7	58	4.2	N.A.			
S11-82	616	618	2	33441	20	<5	4.7	<10	189	0.08	33	<10	12.1	62	5	N.A.			
S11-82	618	620	2	33442	27	<5	4.1	<10	197	0.09	29	<10	6.2	63	5.5	N.A.			
S11-82	620	622	2	33443	23	<5	4.2	<10	180	0.09	30	<10	7.1	66	5.4	N.A.			

Hole_ID	From	To	Length	Sample number	Pb ppm ICP40B 2	Sb ppm ICP40B 5	Sc ppm ICP40B 0.5	Sn ppm ICP40B 10	Sr ppm ICP40B 0.5	Ti % ICP40B 0.01	V ppm ICP40B 2	W ppm ICP40B 10	Y ppm ICP40B 0.5	Zn ppm ICP40B 1	Zr ppm ICP40B 0.5	Ag g/t AAS42E 0.3	Cu %	Pb %	Zn %
S11-82	628	630	2	33447	24	<5	3.9	<10	169	0.07	29	<10	4.3	72	5.2				
S11-82	630	632	2	33448	25	<5	5.1	<10	199	0.08	34	<10	5.4	67	6.7				
S11-82	632	634	2	33449	25	<5	4.8	<10	196	0.07	33	<10	5	65	6.5				
S11-82	634	636	2	33450	21	<5	4.7	<10	226	0.07	30	<10	5.1	57	6.8				
S11-82	636	638	2	33451	22	<5	3.7	<10	221	0.06	25	<10	4	57	5.4				
S11-82	636	638	2	33452	20	<5	4	<10	223	0.07	26	<10	4.5	55	4.9				
S11-82				33453	28	<5	16.2	<10	253	0.23	204	10	11.5	69	32.3				
S11-82				33454	14	<5	16.9	<10	865	0.83	191	<10	24.6	102	207				
S11-82	638	640	2	33455	22	<5	2.9	<10	180	0.05	16	<10	4.6	43	15.2				
S11-82	640	642	2	33456	21	<5	2.9	<10	132	0.05	16	<10	6	38	17.2				
S11-82	642	644	2	33457	20	<5	3.3	<10	170	0.06	21	<10	4.2	49	8.5				
S11-82	644	646	2	33458	20	<5	3.8	<10	166	0.07	26	<10	5.1	47	6.2				
S11-82	646	648	2	33459	21	<5	3.2	<10	194	0.06	26	<10	9.3	48	6.2				
S11-82	648	650	2	33460	18	<5	3.1	<10	181	0.06	25	<10	3.9	48	6				
S11-82	650	652	2	33461	17	<5	3.7	<10	199	0.07	28	<10	4.7	47	5.7				
S11-82	652	654	2	33462	19	<5	4	<10	187	0.08	30	<10	5.1	52	5.4				
S11-82	654	656	2	33463	15	<5	3.7	<10	182	0.07	28	<10	4.7	49	4.9				
S11-82	656	658	2	33464	31	<5	14.5	<10	284	0.17	78	<10	10.7	76	6.3				
S11-82	658	660	2	33465	33	<5	8.6	<10	189	0.11	54	<10	9.8	77	5.6				
S11-82	660	662	2	33466	21	<5	5.1	<10	149	0.06	33	<10	6.4	52	4.8				
S11-82	662	664	2	33467	19	10	4	<10	202	0.06	31	<10	5.2	43	5.4				
S11-82	664	666	2	33468	18	<5	4.2	<10	231	0.07	29	<10	5.7	42	5.9				
S11-82	666	668	2	33469	18	<5	4.7	<10	207	0.09	32	<10	6.2	48	5.3				
S11-82	666	668	2	33470	19	<5	4.6	<10	203	0.08	32	<10	5.7	47	5.7				
S11-82				33471	27	<5	16.1	<10	246	0.24	209	10	11.6	69	29.9				
S11-82				33472	13	<5	17.6	<10	849	0.93	198	<10	26	105	215				
S11-82	668	670	2	33473	16	10	4	<10	193	0.07	29	<10	4.7	42	5.7				
S11-82	670	672	2	33474	16	<5	3.6	<10	161	0.07	26	<10	5	37	6.4				
S11-82	672	674	2	33475	19	<5	4	<10	145	0.05	25	<10	4.9	42	5.8				
S11-82	674	676	2	33476	15	<5	4.1	<10	153	0.06	25	<10	5.6	43	5.5				
S11-82	676	678	2	33477	18	<5	4.5	<10	198	0.08	29	<10	6.2	46	6.6				
S11-82	678	680	2	33478	20	<5	3.7	<10	214	0.07	24	<10	6.8	45	5.1				
S11-82	680	682	2	33479	29	<5	3.4	<10	264	0.07	25	<10	6.5	40	9.2				
S11-82	682	684	2	33480	21	<5	3.9	<10	175	0.07	29	<10	6.3	31	7.8				
S11-82	684	686	2	33481	14	<5	3.2	<10	154	0.06	23	<10	3.8	36	5.9				
S11-82	686	688	2	33482	20	<5	3.8	<10	172	0.07	31	<10	4.5	50	7				
S11-82	688	690	2	33483	18	<5	3.8	<10	207	0.07	29	<10	4.5	42	5.7				
S11-82	690	692	2	33484	25	<5	4	<10	169	0.07	28	<10	5.6	64	5.6				
S11-82	692	694	2	33485	88	9	3.4	<10	69	0.05	25	<10	4.4	168	6				
S11-82	694	696	2	33486	65	<5	3.4	<10	89.1	0.06	24	<10	5.4	116	6.4				
S11-82	696	698	2	33487	26	<5	3.9	<10	195	0.07	30	<10	6.3	53	8.6				
S11-82	696	698	2	33488	22	<5	4	<10	159	0.06	31	<10	6.3	53	7.6				
S11-82				33489	27	<5	16.3	<10	252	0.27	205	20	11.7	70	30.6				
S11-82				33490	13	<5	17.5	<10	861	0.92	200	<10	25.2	102	214				
S11-82	698	700	2	33491	22	5	4.1	<10	121	0.06	29	<10	5.4	55	6.1				
S11-82	700	702	2	33492	73	<5	2.7	<10	61.5	0.05	19	<10	4.7	143	8.1				
S11-82	702	704	2	33493	49	17	3.8	<10	76.9	0.05	27	<10	4.8	74	6.1				
S11-82	704	706	2	33494	69	30	4.2	<10	66.4	0.07	31	<10	5.3	345	6.9				
S11-82	706	708	2	33495	27	35	4	<10	83.2	0.06	30	<10	5.1	60	5.8				
S11-82	708	710	2	33496	47	44	4	<10	67.4	0.08	27	<10	6	192	5.6				
S11-82	710	712	2	33497	97	60	4.2	<10	61.9	0.06	28	<10	5.9	418	5.8				
S11-82	712	714	2	33498	227	96	3	<10	621	0.03	21	<10	4.2	1950	4.2				
S11-82	714	716	2	33499	170	45	2.9	<10	124	0.04	20	<10	3.9	555	5.9				
S11-82	716	718	2	33500	61	53	4.1	<10	91.9	0.05	29	<10	5.1	142	5.6				
S11-82	718	720	2	33501	17	28	3.9	<10	108	0.06	27	<10	5.6	35	5.5				
S11-82	720	722	2	33502	22	16	4	<10	170	0.05	26	<10	5.5	50	4.5				
S11-82	722	724	2	33503	16	9	3.8	<10	111	0.06	25	<10	5.7	37	5.6				
S11-82	724	726	2	33504	17	11	5.2	<10	120	0.07	29	<10	6.8	38	6.4				
S11-82	726	728	2	33505	17	11	4.4	<10	81.7	0.07	27	<10	6.2	46	6.1				
S11-82	728	730	2	33506	16	<5	3.5	<10	107	0.05	20	<10	5.7	35	13.3				
S11-82	730	731.52	1.52	33507	17	<5	3.6	<10	120	0.04	19	<10	5.7	30	14.2				



Legend

- Overburden
- Undifferentiated crowded felspar porphyry, fine grained feldspar porphyry and quartz-feldspar porphyry
- Coarse crowded felspar porphyry

BAR GRAPHS	L/R	COL
Cu_ppm	R	
Au_ppb	L	

POSTED TEXT	L/R	TEXT	ITEMS
Rock_Code	R	-------	All

SECTION SPECS:

REF. PT. E, N	627139 m	5945120 m
EXTENTS	713.5 m	850 m
SECTION TOP, BOT	1185 m	335 m
TOLERANCE +/-	17.05 m	

SCALE 1 : 5231

(m)

-50 0 50 100 150 200 250

NAD83 / UTM zone 9N

AZIMUTH = 146.5°

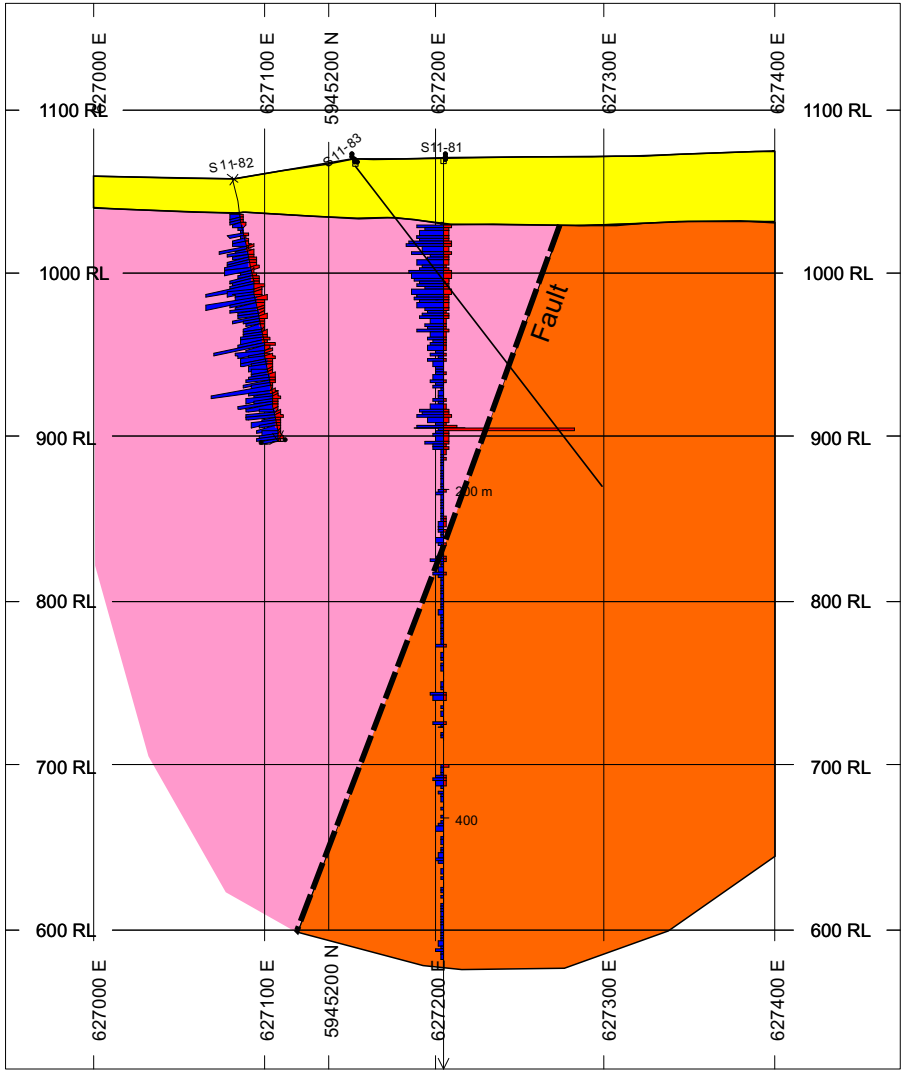
N W E S

Gold Reach Resources

Ootsa Project

NW-SE Cross section

Drill Hole S11-82



Legend

- Overburden
- Undifferentiated crowded felspar porphyry, fine grained feldspar porphyry and quartz-feldspar porphyry
- Coarse crowded felspar porphyry

BAR GRAPHS	L/R	COL
Cu_ppm	R	
Au_ppb	L	

POSTED TEXT	L/R	TEXT	ITEMS
Rock_Code	R	-------	All

SECTION SPECS:

REF. PT. E, N	627211 m	5945220 m
EXTENTS	545.6 m	650 m
SECTION TOP, BOT	1165 m	515 m
TOLERANCE +/-	26.35 m	

SCALE 1 : 4000

(m)

-40 0 40 80 120 160

NAD83 / UTM zone 9N

AZIMUTH = 74.8°

N W E S

Gold Reach Resources

Ootsa Project

E-W Cross section

Drill Hole S11-81