

**ASSESSMENT REPORT ON THE
ULTRA PROPERTY 2013-4 EXPLORATION PROGRAM
WHITEHORSE MINING DISTRICT**

Located in the Haines Junction area, Yukon Territory
NTS Map Sheet 115B/16
Latitude 60° 54' N; Longitude 138° 15' W

Prepared for:
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Work performed on Claims

ELI 11-14	YC18433-YC18436	ULT 8-21	YC26359-YC26372
ULTRA 1-30	YC19001-YC19030	ULT 142-152	YC26373-YC26383
GAB 35,37,39	YC19079,YC19081,YC19083	JEN 1-40, 120,251	YC26408-YC26447, YC26448,YC26449
ULTRA 37-44	YC19098-YC19105	ULT 177-192	YC40233-YC40248
ULTRA 45-58	YC19106-YC19119	VMS 1-12	YC53937-YC53948
ULTRA 59-65	YC19120-YC19126	UM 1-12	YE69101-YE69112
ULTRA 67-72	YC19128-YC19133	UM 17-33	YE69117-YE69133
ULTRA 73-80	YC19398-YC19405	UM 34-35	YE69134-YE69135
TELL 1-4	YC19406-YC19409	UM 42-45	YE69142-YE69145
ULT 1	YC19376	UM 50-63	YE69150-YE69163
ULT 2-7	YC25938-YC25943	UZ 1-34	YE69701-YE69734
ULTRA 81-90	YC26106-YC26115	UZ 37-68	YE69737-YE69768
ULT 21-67	YC26239-YC26285	UZ 70,72,74, 76,78,80	YE69770,YE69772,YE69774, YE69776,YE69778,YE69780
ULT 70-71	YC26288-YC26289	UZ 82-85, 87,89	YE69782-YE69785, YE69787,YE69789
ULT 74-75	YC26292-YC26293	UZ 199-202	YE69899-YE69902
ULT 77,79,84, 86,88,90	YC26295,YC26297,YC26302, YC26304,YC26306,YC26308	UZ 219-253, 255,257,259	YE69919-YE69953, YE69955,YE69957,YE69959
ULT 105-121, 123	YC26323-YC26339,YC26341	UM 41-39	YE69974-YE69976
		UM 62-65	YE69977-YE69980

Between December 20, 2013 and February 11, 2014

Report dated February 11, 2014

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1 SUMMARY

The Ultra Property is located in the Klauane Mountains near Telluride Creek, 42 km northwest of Haines Junction, on NTS map sheet 115 B/16. The property is comprised of 447 contiguous Yukon Quartz Mining claims contained as claim grouping HW07339 in the Whitehorse Mining District. The property has a detailed history dating back to 1903.

The Ultra Property occurs in the Insular Super Terrane, which is divided into Alexander Terrane, to the west and Wrangell Terrane to the east. Portions of the property are underlain predominantly by submarine and subvolcanic rocks with interbedded dirty carbonates, sulphate beds and fault slices.

The property contains numerous Minfiles as documented by the Yukon Geological Survey. The showings include the Boulder, Frohsberg, Telluride, Jennifer, Jesse, Kul and Nunatak occurrences.

This assessment report documents a geophysical review, including the compilation of ground geophysical surveys, the merging of the 2004 and 2010 airborne geophysical surveys and a petrographic study on both property samples and surrounding lithological units. A total of 79 samples were analysed for their petrophysical properties. The samples were selected to represent zones of mineralization as well as country rock units found on the property. The samples are petrologically described and then analysed for their physical properties. The properties that were considered in this study are porosity, specific gravity, magnetic susceptibility, DC resistivity and chargeability, Remanent mag and pore fluid conductivity recorded as water conductivity.

The petrophysical analysis can be used to guide future exploration, with magnetic susceptibility, resistivity and chargeability providing an identifiable geophysical signature to the mineralization encountered on the property. The resistivity and chargeability results clearly identify all samples with noted massive sulfides regardless of whether they are within highly magnetic ultramafic assemblages or associated with the more moderate magnetic signature of the gabbroic units. A single peridotite sample with serpentine coated fractures is the only sample not associated with any mineralization to exhibit these same characteristics. While these are encouraging results they also indicate that false anomalies from altered ultramafics will likely be common in the surrounding area

The Ultra property contains multiple target areas where continued work is recommended. Magnetic and various electromagnetic techniques are recommended as future geophysical exploration methods over the property.

The Lake grid features two linear magnetic highs. A more pronounced ridge in the southwest and a more intermediate ridge located centrally on the grid. A linear conductor is observed immediately to the southwest of the central magnetic high. While the conductor is not strong further ground truthing is warranted with continued prospecting and possibly trenching, if the mineralized unit can be exposed.

The Redball grid features a NW/SE trending magnetic high, which is an offshoot of the larger magnetic feature observed in the airborne survey compilation. The airborne and ground surveys both identify a

conductor south of the Boulder showing. Drilling has been attempted in this area, however drilling difficulties prevented conclusive explanation for the anomalies. Expansion of the ground magnetic survey to the southeast is recommended as well as drill testing this target.

The Frohberg grid identified the continuation of the host ultramafic dike however the survey area is limited. Prospecting suggests the magnetic feature represents continuity of the zone at depth which was not apparent through surface investigations. The VLF survey was deemed largely unsuccessful with difficulty in acquiring acceptable signal strength. Expansion of the ground geophysical survey is recommended, a Mag-VLF survey with an automated GEM system is recommended as a first pass to test for acceptable signal strength in the area. If the VLF signal proves unacceptable or if the depth of investigation required is not shallow (<3 meters) an HLEM survey is recommended as the next most cost effective tool. Continued trenching and geological investigations are also recommended in this area. A large loop time-domain survey or a low-frequency passive-source technique is recommended to search for mineralization at depths of greater than 50 meters.

Other showings on the property include the Telluride, Jesse, Jennifer, Kul and Nunatak, over which only regional airborne geophysics exists. Highest priority is given to the Telluride showing which is listed as a possible source for the Boulder showing and whose massive sulfide horizon has been traced discontinuously for several kilometers to the southeast towards the Nunatak showing. A detailed mag-VLF survey is recommended to trace the feature to the southeast and determine if any connection with the Frohberg or Nunatak showings exist.

The remaining showings are of low priority with the possible exception of the Jesse showing. A detailed ground Mag-VLF reconnaissance survey is also recommended to define the extent of the ultramafic sill in this area of poor exposure.

The aforementioned electromagnetic surveys would highlight conductors but no indication of a chargeable response is possible with these techniques. Should future exploration results encompass complex zones of mineralization with multiple conductors in areas of limited exposure, an IP survey is recommended. This setting is possible in the Frohberg, Telluride and Nunatak areas, particularly if a ground Mag-VLF survey combines these zones. An IP survey is recommended to highlight the low resistivity and high chargeability associated with mineralization as observed in the petrophysical study. While false anomalies from altered, unmineralized ultramafics are possible, the potential for discovery warrant this investigation

2 INTRODUCTION

Aurora Geosciences Ltd. was retained by Ashburton Ventures Inc. to conduct petrophysical studies and a geophysical review on the Ultra property located northwest of Haines Junction. The purpose of the petrophysical study was to measure physical properties on both mineralized zones and samples representative of the surrounding country rocks. The results of the study assist in the interpretation of the ground geophysical compilation and the merged airborne surveys and guide further geophysical surveys on the property.

3 PROPERTY DESCRIPTION and LOCATION

The Ultra Property is located in the Kluane Mountains near Telluride Creek, 42 km northwest of Haines Junction, on NTS map sheet 115 B/16. It is in the Whitehorse Mining District and is centered at approximately 60° 53' 18" N, 138° 18' 18" W (Figure 1). The property is 10 km west of the Alaska Highway and is accessible by a rough gravel road.

The Ultra Project consists of 447 contiguous claims contained as claim grouping HW07339 and covering an area of approximately 9,225 hectares in the Whitehorse Mining District (Figure 2). The claims were staked by GPS, and/or compass, in accordance with the Yukon Quartz Mining Act on claim sheet 115B/16. Table 1 summarizes pertinent claim data.

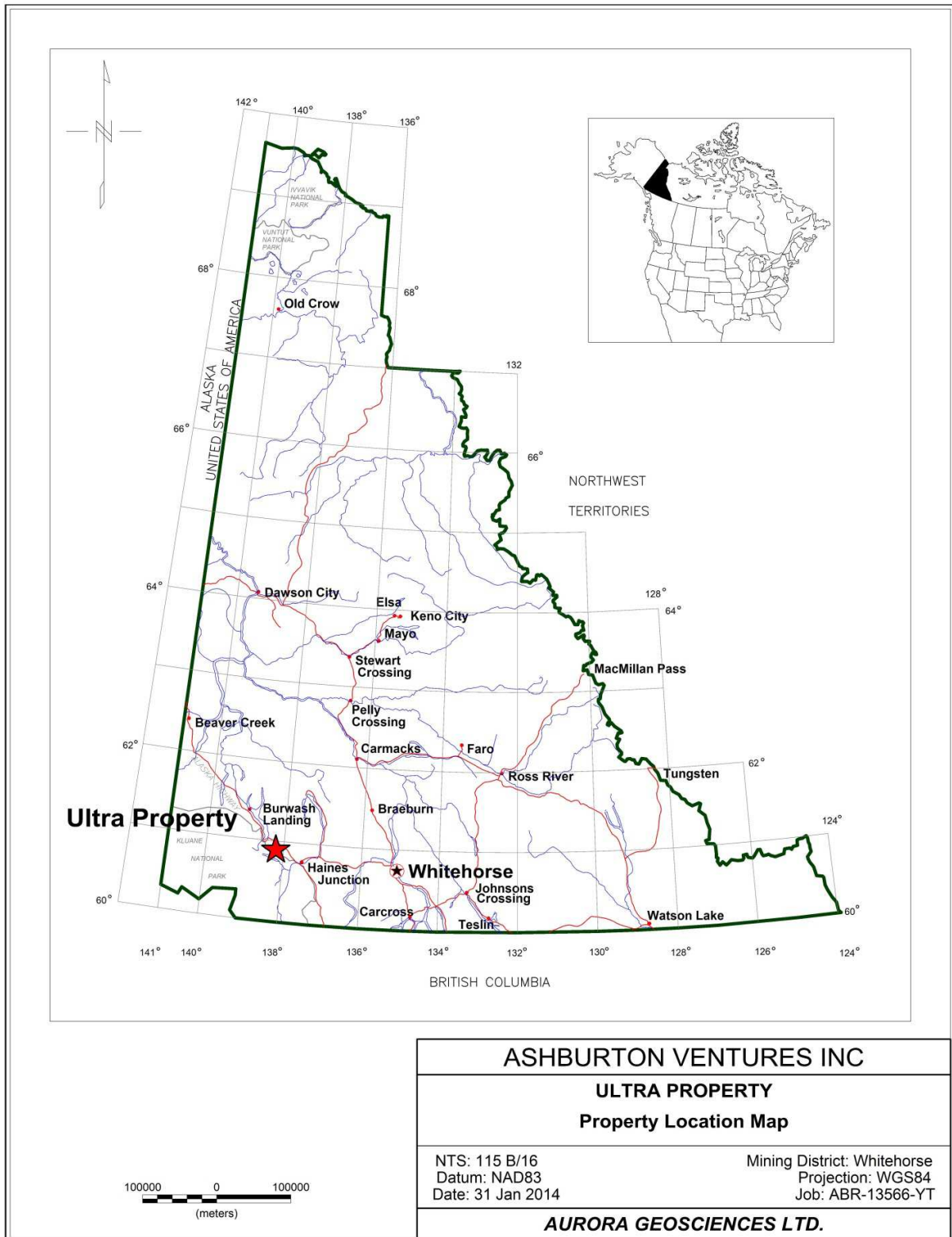


Figure 1 - Property Location Map

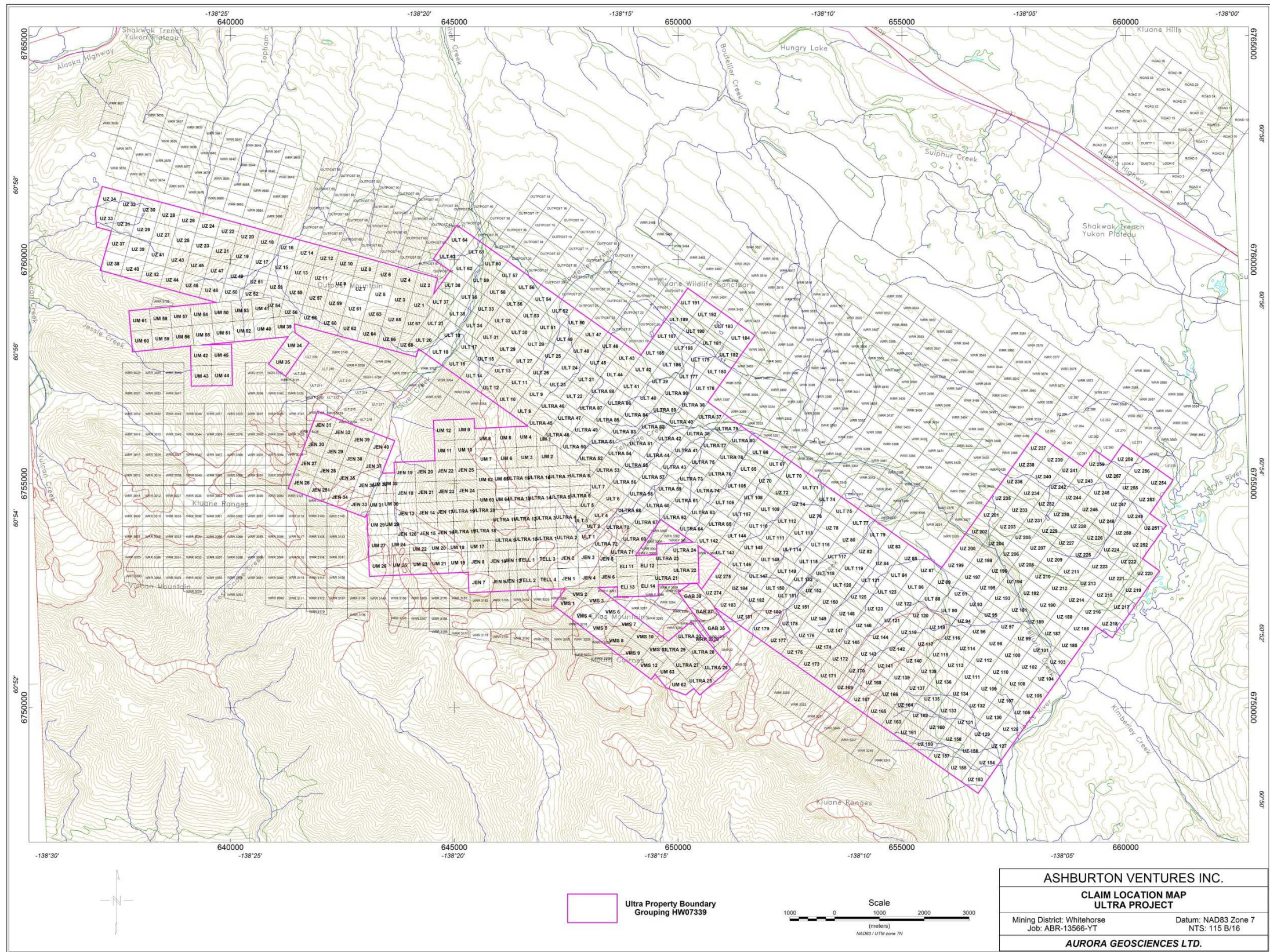


Figure 2 - Claim Location Map

Table 1 - Claim List for Grouping HW07339

Claim Name	Claim Number	Grant Number	No. of Claims	Registered Owner	Recording Date
ELI	11-14	YC18433-YC18436	4	Tom Morgan - 100.	22/02/2000
ULTRA	1-30	YC19001-YC19030	30	Tom Morgan - 100.	07/12/2000
GAB	35,37,39	YC19079,YC19081,YC19083	3	Vern Matkovich - 100.	12/02/2001
ULTRA	37-44	YC19098-YC19105	8	Vern Matkovich - 100.	12/02/2001
ULTRA	45-58	YC19106-YC19119	14	Tom Morgan - 100.	12/02/2001
ULTRA	59-65	YC19120-YC19126	7	Vern Matkovich - 100.	12/02/2001
ULTRA	67-72	YC19128-YC19133	6	Vern Matkovich - 100.	12/02/2001
ULTRA	73-80	YC19398-YC19405	8	Tom Morgan - 100.	22/10/2001
TELL	1-4	YC19406-YC19409	4	Tom Morgan - 100.	22/10/2001
ULT	1	YC19376	1	Tom Morgan - 100.	14/09/2001
ULT	2-7	YC25938-YC25943	6	Tom Morgan - 100.	07/05/2003
ULTRA	81-90	YC26106-YC26115	10	Tom Morgan - 100.	08/12/2003
ULT	21-67	YC26239-YC26285	47	Tom Morgan - 100.	11/02/2004
ULT	70-71	YC26288-YC26289	2	Tom Morgan - 100.	11/02/2004
ULT	74-75	YC26292-YC26293	2	Tom Morgan - 100.	11/02/2004
ULT	77,79,84,86,88,90	YC26295,YC26297,YC26302,YC26304,YC26306,YC26308	6	Tom Morgan - 100.	11/02/2004
ULT	105-121,123	YC26323-YC26339,YC26341	18	Tom Morgan - 100.	11/02/2004
ULT	8-21	YC26359-YC26372	14	Tom Morgan - 100.	13/02/2004
ULT	142-152	YC26373-YC26383	11	Tom Morgan - 100.	13/02/2004
JEN	1-40,120,251	YC26408-YC26447,YC26448,YC26449	42	Tom Morgan - 100.	13/02/2004
ULT	177-192	YC40233-YC40248	16	Klondike Gold Corp. - 100.	13/09/2005
VMS	1-12	YC53937-YC53948	12	Tom Morgan - 100.	13/09/2006
UM	1-12	YE69101-YE69112	12	Tom Morgan - 100.	18/08/2011
UM	17-33	YE69117-YE69133	17	Tom Morgan - 100.	18/08/2011
UM	34-35	YE69134-YE69135	2	Tom Morgan - 100.	19/08/2011
UM	42-45	YE69142-YE69145	4	Tom Morgan - 100.	19/08/2011
UM	50-63	YE69150-YE69163	14	Tom Morgan - 100.	19/08/2011
UZ	1-34	YE69701-YE69734	34	Tom Morgan - 100.	19/08/2011
UZ	37-68	YE69737-YE69768	32	Tom Morgan - 100.	19/08/2011
UZ	70,72,74,76,78,80	YE69770,YE69772,YE69774,YE69776,YE69778,YE69780	6	Tom Morgan - 100.	19/08/2011
UZ	82-85,87,89	YE69782-YE69785,YE69787,YE69789	6	Tom Morgan - 100.	19/08/2011
UZ	199-202	YE69899-YE69902	4	Tom Morgan - 100.	19/08/2011
UZ	219-253,255,257,259	YE69919-YE69953,YE69955,YE69957,YE69959	38	Tom Morgan - 100.	19/08/2011
UM	41-39	YE69974-YE69976	3	Tom Morgan - 100.	19/08/2011
UM	62-65	YE69977-YE69980	4	Tom Morgan - 100.	19/08/2011
Total			447		

4 ACCESS, CLIMATE, LOCAL RESOURCES, and PHYSIOGRAPHY

The project lies within the Telluride Creek area of the Kluane Mountains and adjacent Shakwak Valley, in southwestern Yukon. It covers the gentle, rising slope on the east side of the mountain range, continuing westward into the steep, craggy mountain peaks of the front ranges. Elevations range between 1000 and 2650 metres above sea level. Scattered black spruce and alder thickets occur at lower elevations. The alpine areas are generally devoid of vegetation and are dominated by barren talus slopes, rocky cliffs and mountain peaks. Water is available from Slims River, Silver, Boutellier, Bryson, and Telluride Creeks, and the Jarvis River and their tributaries.

The area is affected by coastal weather systems, situated approximately 150 km from the coast. It receives abundant moisture year round, especially in the mountains, where local weather systems often prevail. Snow generally begins accumulating in the high alpine areas in late August or early September and begins receding in late April to early May. Fieldwork can often be started at lower elevations by July, but at higher elevations a narrow window exists in August to September with minimum snow conditions. Summer temperatures range up to 30° C and winter temperatures down to -50° C.

The project area is accessible from Haines Junction via the Alaska Highway (Highway 1), which is followed northwest to km 1037 near Boutellier Summit, just before Silver City. At this point a gravel road (part of the old Alaska Highway) heads southerly and is followed for 12 km. A rough 4X4 road, partially overgrown and primarily accessible by ATV, continues another 12 km to Telluride Creek, near the mouth of Cub Creek. Access to the upper and southern portions of the property is by helicopter. Helicopter charter services are available from Haines Junction on a year-round basis.

Haines Junction is the closest town, with a population of approximately 800. Facilities include a grocery store, health centre, ambulance service, RCMP, service stations and restaurants. The town is on the power grid with diesel backup. Complete services are available in Whitehorse. Haines Junction is the gateway to Kluane National Park and lies 255 km via Highway 3 from the seaport of Haines, Alaska.

5 PREVIOUS WORK

1903-04 Placer gold first mined at Silver and Telluride Creeks and discovery of “crushed copper-pyrite zones” near junction of Cub and Telluride Creeks by placer miners (GSC, 1905).

1955-58 Resistivity, magnetic and gravity surveys, diamond drilling of 108m in 3 holes in 1956 (failed to reach bedrock) on Boulder showing (Clark, 1956) and discovery of Frohberg Ni-Cu-PGE showing in 1958 by Gaymont Prospectors Syndicate, which included Teck and Iso Uranium.

1961-1962 Turam electromagnetic survey, outlining several conductors (Watson, 1961) tested by 116m of rotary drilling in two holes in 1962 on Boulder showing by Canadian Exploration Limited (Woodcock, 1967).

1964 Staked by Meridian Syndicate but no work conducted.

1965-67 Turam electromagnetic survey, outlining several conductors in Boulder showing area (Bosschart, 1966), soil sampling and geological mapping by Coranex Limited (Woodcock, 1967).

1970 Program of electromagnetic surveying, soil sampling, geological mapping and diamond drilling of 216m in 3 holes on Boulder showing by Atlas Exploration Limited under option. Conductor explained by coal seams and marcasite in porous sedimentary unit (Coates, 1970).

1977 Scintrex airborne electromagnetic survey, Maxmin orientation survey, mapping, prospecting on Boulder and Frohberg showings with discovery of the Telluride massive sulphide showing by Aquitaine Oil Co. (Abbott and Cathro, 1977).

1983-84 Prospecting, silt geochemistry and geological mapping by Noranda, returning anomalous Cu, Ag, Zn, Pb and Au in rocks north of Jennifer showing and discovery of Jennifer Cu-Au-Ag showing (Reid, 1985).

1984 Geological mapping and prospecting of Jennifer showing by S. J. Hill, with values up to 1344 g/t Ag, 7.8 g/t Au and 22.5% Cu (Rogers, 1985).

1988-89 Small trenching and sampling program on the Jennifer showing, returning values up to 685 g/t Ag and 16% Cu (Stack, 1989).

1987 Geological mapping, prospecting and soil and rock geochemistry on the Frohberg showing by Nordac Mining Corp. (Eaton, 1988a) and exploration of the adjacent ultramafic targets, and geological mapping of the area from the Telluride showing to the massive sulphide boulders at the mouth of Cub Creek by the Reed Creek Joint Venture (Eaton, 1988b).

2000-03 Geological and geochemical surveys in 2001 on Boulder and Frohberg showings (Brickner, 2002), re-sampling of the massive sulphide boulders in 2002 with maximum values of 2.1% Cu, 5.1% Zn and 24.5 g/t Ag (Mann and O'Shea, 2006), horizontal loop electromagnetic, VLF-EM and magnetometer surveys identifying three conductors and a magnetic low anomaly proximal to the boulder occurrences (Casselmann, 2003), a blast trenching program on the Frohberg Showing, which returned 5.54 g/t Pt, 13.46 g/t Pd, 4.07 % Cu and 1.73% Ni in 2002, and extension of the HLEM survey (Jackson, 2003).

2004 Airborne total magnetic field and electromagnetic surveys using the McPhar Hummingbird system, outlining 54 conductors, and a geological mapping and prospecting program by Klondike Gold Corporation under option (Casselmann, 2005).

2005 Prospecting, line cutting, a VLF-EM and magnetic survey over the Frohberg showing, delineating the continuation of the ultramafic body, and horizontal loop electromagnetic surveys on the Lake and Redball grids in the Boulder showing area, delineating conductors consistent with a volcanogenic massive sulphide model (Hildes, 2006), by Klondike Star Mineral Corporation under option (Mann and O'Shea, 2006).

2006 Property wide geological mapping and geochemical sampling, detailed mapping of the Telluride, Frohberg, Redball and Silver Creek East areas, MMI grid soil surveys on the Lake, Redball and Silver Creek East grids, a beep mat geophysical survey over the Boulder showing, and trenching on the Telluride showing was conducted. The Telluride horizon was traced for 6 km and returned 3.23% Cu, 6.75% Zn, 17.8 Ag, 0.15 Au over 4m (Pautler, 2006).

2008 More detailed sampling of the Telluride showing was conducted (Tom Morgan, personal communication).

2011 Mapping, prospecting, rock geochemical sampling. Evaluation of nickel-copper-PGE potential on the property. Detailed examination of Frohberg showing and evaluation of gabbro-ultramafic body northeast of Jesse showing (Pautler, 2011)

6 GEOLOGICAL SETTING

6.1 Regional Geology

The Ultra Property occurs in the Insular Super Terrane, which is divided into Alexander Terrane, to the west and Wrangell Terrane to the east.

The Alexander Terrane is comprised of Silurian to Devonian Bullion Suite massive, well-bedded, light gray limestone or marble, argillite and phyllite (SDB). These are overlain by Devonian to Upper Triassic Icefield Group limestone, argillite, calcareous siltstone-sandstone and creamy-white gypsum and anhydrite (DTrI). These rocks are intruded by the Devonian Steel Creek Suite, which is comprised of massive, medium- to coarse-grained, rusty green-green hornblende pyroxene gabbro sills and dykes with rare pods of peridotite (PSC) (Gordey, 1999).

The Wrangell Terrane is comprised of Upper Triassic Chitison Group thin-bedded, light to dark gray limestone, dark gray argillite and white to creamy-white anhydrite (uTrC). These rocks are overlain and in places interbedded with Upper Triassic Nicolai Group amygdaloidal basaltic and andesitic flows with local tuff, breccia, shale and thin-bedded bioclastic limestone (uTrN). Both of these units are intruded by late Triassic Kluane Ultramafic Suite intrusions (PTrK). The Kluane Ultramafic Suite is comprised of medium green-green, massive, medium-grained, pyroxene gabbro and dark-green to black peridotite and rare dunite. The Kluane Ultramafic Suite intrusives may be the source for the Nicolai Group volcanic rocks. These rocks are overlain by Upper Jurassic to Lower Cretaceous Dezadeash Group clastic sediments (JKD), by Paleocene to Oligocene Amphitheatre Group sediments (OA) and intruded and overlain by Miocene to Pliocene Wrangell Lavas (NW).

The Dezadeash Group consists of a succession of dark buff-gray lithic greywacke, sandstone, siltstone, shale, argillite, phyllite and conglomerate. The Amphitheatre Group consists of yellow-buff sandstone, pebbly sandstone, polymictic conglomerate, siltstone, mudstone, minor carbonaceous shale and thin lignite coal. The Wrangell Lavas consist of rusty, red-brown basaltic andesite flows, interbedded with felsic tuff. All of these rocks are in turn overlain by Quaternary unconsolidated glacial, glaciofluvial and glaciolacustrine deposits (Q).

The major structural features of the area are the Denali Fault and the Duke River Fault. The Denali Fault is a large fault zone that defines the Shakwak Valley and is on the east side of the property. It is a strike-slip fault with a dextral sense of motion. The Duke River Fault occurs west of the property, near the Kluane Park boundary.

The Kluane Ultramafic Suite hosts a number of magmatic nickel-copper-platinum group mineral occurrences in Wrangell Terrane from Northern BC, through Yukon and into Alaska. One of these occurrences, the Wellgreen Deposit, produced 200,000 tonnes of Ni-Cu-PGE ore in 1972 and 1973. Wellgreen hosts reserves of 49.9 million tonnes grading 0.36% Ni, 0.35% Cu, 0.51 g/t Pt and 0.34 g/t Pd.

The Kluane Belt magmatic nickel-copper-PGE occurrences are particularly enriched in the rarer platinum group elements osmium, iridium, ruthenium and rhenium (Hulbert, 1997).

6.2 Property Geology

Portions of the property are underlain predominantly by submarine and subvolcanic rocks with interbedded dirty carbonates, sulphate beds and fault slices. There are moderately consolidated Amphitheatre Group sandstones and conglomerated in the northeast with some areas overlain by variable, but possibly quite thick accumulations of Quaternary gravels, sands and conglomeratic units.

The mafic-ultramafic intrusions in the belt are sill-like bodies that preferentially intrude the country rock sequences at or near the contact between the Hasen Creek Formation (tuffs, mafic volcanics, argillite and limestone) and Station Creek Formation (tuffs, pyritic black tuff, mafic volcanics and argillite), part of the Pennsylvanian(?) to Permian Skolai Group. Many of the ultramafic sills have marginal gabbro phases at their bases and upper contacts that appear to be preferentially mineralized. The Kluane Belt nickel-copper-PGE occurrences are particularly enriched in the rarer platinum group elements osmium, iridium, ruthenium and rhodium.

A compilation map (MAP 1) of the regional geology (Gordey, 1999) and property geology (Casselman, 2005) is included with this report.

7 Mineralization

Mineralization at the original Boulder and the in-situ Telluride showings within the Ultra Project are representative of the volcanic hosted copper-zinc-silver-gold massive sulphide deposit model.

Two locations are plotted for the Telluride prospect on the Minfile maps (Deklerk and Traynor, 2005). The original showing near the junction of Cub and Telluride Creeks covered an occurrence of massive sulphide boulders, originally referred to as the Cub showing and now generally referred to as the Boulder showing. In 1977, the possible source of the boulders was located approximately 5 km to the southwest in rugged terrain at an elevation of 2532m. The original showing of boulders has become known as the Boulder showing and the high elevation massive sulphide occurrence as the Telluride showing.

The Boulder showing consists of numerous layered massive sulphide boulders, reportedly weighing up to 15 tons that occur in what appears to be a terminal moraine along Cub Creek.

The Telluride showing consists of an upper 0.5 to 4m wide zone of bedded massive sulphide, consisting of fine grained pyrite, lesser chalcopyrite, minor sphalerite and trace galena in a quartz-carbonate gangue, similar in appearance to the boulders at the Boulder showing. The massive sulphide is underlain by a 35m wide cherty to silicified stockwork zone with pyrite and lesser chalcopyrite stringers. The host rock consists of chloritic mafic pillow lavas near the contact with massive basalts.

The massive sulphide horizon, trending 130-140°/45-70°S, has been traced over a 200m strike extent at the Telluride showing, disappearing under a glacier to the northwest and under a talus slope and glacier to the southeast. It appears to be offset 35m by a steeply dipping apparent sinistral strike slip fault that follows a gully near the centre of the exposure. The Telluride horizon has been discontinuously traced, due to glacier cover, 6 km along strike to the southeast. A bedded massive sulphide lens and associated stockwork zone (Nunatak Zone) was discovered in 2006 partially exposed in a nunatak 3 km southeast of the Telluride showing. One km further along strike to the southeast of the nunatak (4 km southeast of the Telluride showing) semi massive pyritic horizons, sulphide bearing quartz veins and pyrite- chalcopyrite stockwork type mineralization are exposed along a rugged north facing slope.

The Frohberg showing, discussed under the Telluride Minfile prospect (115B 008), is a separate showing that has been classified as Kluane Range nickel-copper-PGE+gold mineralization. Mineralization consists of pyrite, chalcopyrite and pyrrhotite, which occur as fracture fillings, stringers and in quartz-carbonate veinlets and quartz veins within tuffaceous beds that are commonly variably silicified and are hornfelsed to calc-silicate proximal to gabbroic sills and dykes and within the dykes and sills themselves. The sills range up to 5m wide and trend 140-170°/65-90°SW and the dykes trend 050-60°/77°S. The dykes and sills coalesce into a larger gabbro to ultramafic body to the north, which is primarily covered by boulder talus.

The Jesse showing constitutes an anomaly at the base of a 2 km by 300m wide ultramafic sill along a branch of Jesse Creek. The footwall contact of the sill is poorly exposed but was found to be limonite altered and a soil sample collected in 2005 contained anomalous Cu (338 ppm), Ni (1379 ppm) and elevated Pd (101 ppb).

The Jennifer prospect (115B 013) consists of a strong quartz ±carbonate stockwork in a fault bounded block of siliceous limestone near the headwaters of Silver Creek. The individual veins, up to 1.1m wide but commonly a few millimetres to 30 cm. The stockwork extends over an area approximately 25m high by 100m by 30m wide.

The Kul (Minfile 115B 012), on the southern flank of Outpost Mountain, is a possible nickel-copper-PGE occurrence with malachite noted along mafic intrusive contacts and in narrow shears. Minor skarn mineralization was noted in the limestone in this area, peripheral to gabbroic dykes. Narrow polymetallic quartz ±carbonate veins (copper±zinc±lead±silver) hosted by argillite and limestone were also noted through this area.

8 Geophysics

In 2013 and 2014, a geophysical review was conducted on the property, compiling and merging historical data sets. Petrophysical studies were also completed on both property samples and surrounding lithological units where appropriate.

8.1 Geophysics Compilation

Historical airborne and ground geophysical surveys have been reviewed and compiled in to merged airborne and ground magnetic maps and databases, where applicable.

Historical ground magnetic surveys were compiled into a single map. The ground grids are proximal to each other, however there is no overlap in the surveyed areas. A direct comparison between the surveys was not possible in order to establish an appropriate datum shift for levelling purposes. The property exhibits a significant range of magnetic data values, as such the ground survey grids are displayed in a compilation map where the data from each survey area is processed separately. Each survey area was gridded using a minimum curvature gridding algorithm and displayed with a normal colour distribution, three passes of a Hanning filter was applied to the Lake grid. Historical ground HLEM conductors are superimposed on the final ground magnetics compilation map.

The two final airborne grids from 2004 and 2010 were merged as a single grid file and displayed using a normal colour distribution using Geosoft's GirdKnit software. Electromagnetic data was also collected as part of the 2004 survey. Conductors identified as part of the 2004 survey are superimposed on the final airborne compilation map.

8.1.1 Products

Digital data included with this report comprises:

Ground Magnetism Databases	Digital Data\Ground Surveys\“Grid”_Mag.gdb
Compilation Ground Magnetism with EM Conductor Overlay Map	Digital Data\Ground Surveys\Compilation Ground Magnetism with EM Overlay.map & .pdf
Merged Airborne Magnetism Grid File	Digital Data\Airborne Surveys\Merged_Mag.grd
Merged Airborne Magnetism with EM conductor Overlay Map	Digital Data\Airborne Surveys\Merged Airborne Magnetism with EM Overlay.map & .pdf

8.2 Petrophysical Properties

A total of 79 samples were analysed for their petrophysical properties. Of these, 21 were obtained directly from the Ultra property. The remaining 58 consisted of 50 drillcore samples from the neighboring Wellgreen project and 8 regional samples obtained from the Yukon Geological Survey. The samples were selected to represent zones of mineralization as well as country rock units found on the property. The samples are petrologically described and then analysed for their physical properties. The properties that were considered in this study are porosity, specific gravity, magnetic susceptibility, DC resistivity and chargeability, Remanent mag and pore fluid conductivity, recorded as water conductivity. Known locations of property derived samples are shown in Figure 3.

Samples have been grouped by lithological unit and mineral showings, a summary table and complete details of the petrophysical results are collated in Appendix III.

8.2.1 Equipment

The petrophysical properties were measured using the following equipment:

Sample preparation:

- 1 – Tile Saw
- 1 – Low vacuum pump
- 4 – Dessicators
- 10L – Distilled water

Equipment:

- 1 – MolSpin (Remanent Mag measurement)
- 1 – Electronic Densimeter MD-300S
- 1 – KT-9 Mag susceptibility meter
- 1 – Elrec Pro IP receiver
- 1 – GDD IP transmitter
- 1 – KT-9 Susceptibility meter
- 1 – Model 73 Conductivity meter

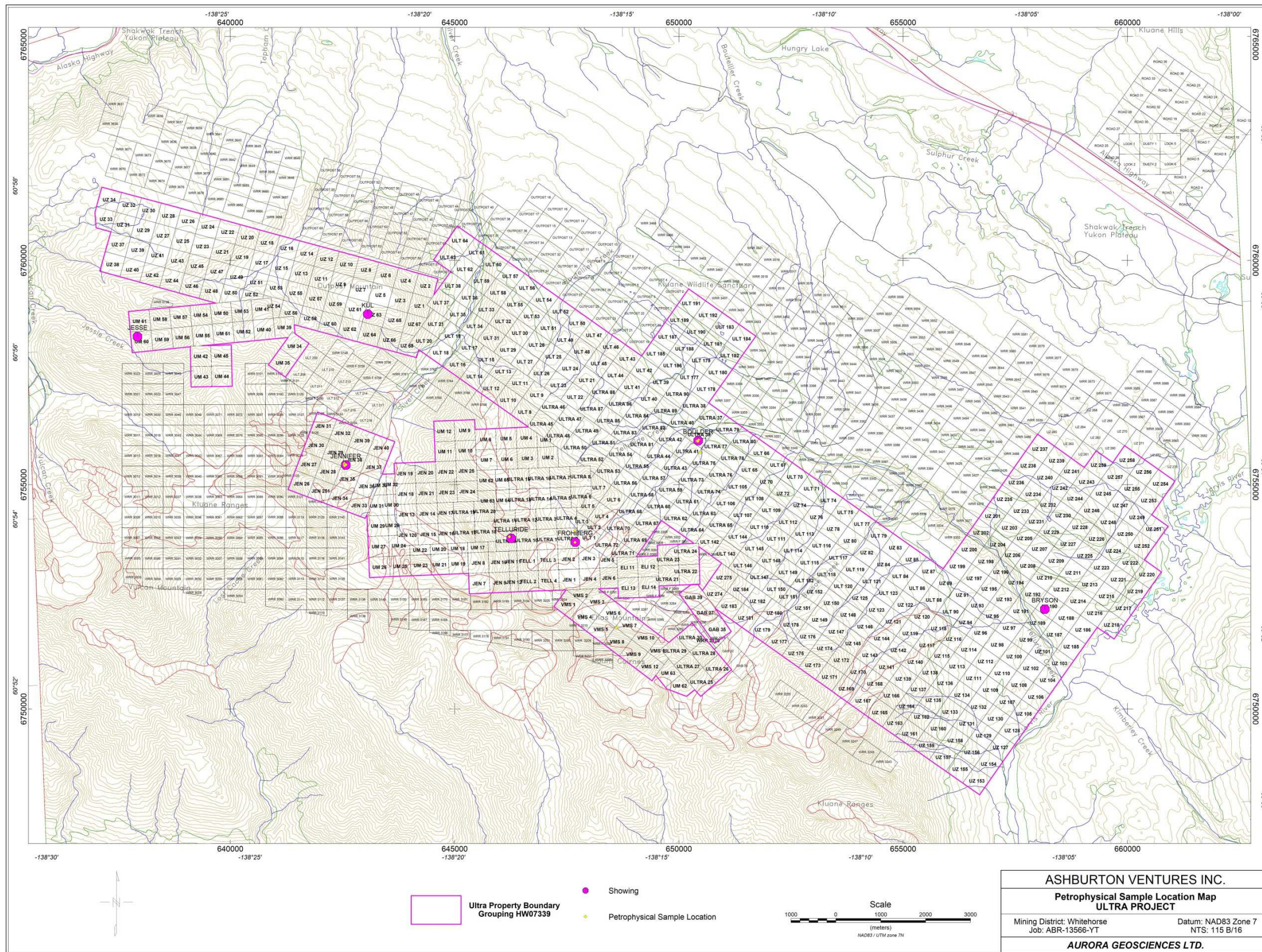


Figure 3 - Petrophysical Sample Location Map

8.2.2 Specifications

The petrophysics survey was conducted according to the following specifications:

<u>Porosity:</u>	Single measurement recorded as % using imbibition method
<u>Specific Gravity:</u>	Single measurement with densimeter. 0.0001g/cm ³ resolution
<u>Remanent Mag:</u>	Molspin measurements in 6 sample orientations
<u>DC resistivity:</u>	3 measurements at different voltages .
<u>Chargeability:</u>	3 measurements at different voltages.
<u>Magnetic susceptibility:</u>	10 magnetic susceptibility readings per sample with the average shown in the report.
<u>Water Conductivity:</u>	Conductivity measurement of water bath following 24hr immersion in dessicators. Meter range of 0 – 1999 mmohs
<u>Sample preparation:</u>	Each sample was covered with distilled water and exposed to a vacuum of 25 bar for a period of a minimum of 12 hours and then allowed to equilibrate to atmospheric pressure to re-flood the pore spaces with fluid. Each sample was isolated for this procedure to ensure pore fluid was consistent with the rock type.

8.2.3 Data Processing

Porosity: Results of a single measurement on each sample are recorded as a percentage using imbibition methodology. W_{dry} is measured following drying for 1 hour at 400°F. W_{wet} is measured following a minimum 12 hr immersion in dessicators.

$$Porosity = \frac{W_{wet} - W_{dry}}{Volume} \times 100$$

Specific Gravity: Single specific gravity measurement recorded with Densimeter – MD-300S with resolution of 0.001 g/cm³.

Remanent Mag: Results including declination, inclination and intensity for 6 orientations are measured. Final results are compiled as intensity per unit volume using the following formula:

$$Remanent Magnetism = Intensity \frac{Volume_{glass\ cube}}{Volume_{sample}}$$

Equipment problems only allowed 17 of the 79 sampled to be tested. This is deemed inconsequential as the interpretation of any results are limited without known in situ sample orientations.

Resistivity: After rehydrating the sample and measuring the dimensions of the sample the resistivity is then calculated by

$$R = \frac{AV}{\ell I}$$

where R is the resistivity of the sample (Ohm*m), A is the cross sectional area of the sample (m^2), L is the sample length (m), I is the current passed through the sample (A) and V is the voltage drop across the sample (V).

The resistivity test was run three times at different output voltages. The results were averaged to give a mean and standard deviation of the resistivity.

IP Response: The IP response is due to ionic charges building up on mineral or oxide grains within the sample when a current is applied through it and when the current is turned off these charges decay and are measured. A GDD IP transmitter generates a time domain square wave which was passed through the sample. Copper plates at the end of the sample are connected to an ELREC PRO IP receiver to measure the IP response of each sample in mV/V. The IP response was measured simultaneously to the resistivity, so it was measured three times and the result is the mean of those measurements.

Magnetic Susceptibility: The magnetic susceptibility is the degree of which the sample can be magnetized. The magnetic susceptibility, measured using a KT-9 susceptibility meter, is defined by

$$H_E = kH$$

where k is the magnetic susceptibility (SI units), H is the exciting magnetic field (Amp/m) and H_E is the external magnetic field (Amp/m).

Susceptibility measurements were repeated ten times. The results were averaged and recorded for each sample.

Water Conductivity (pore fluid conductivity): A single conductivity measurement of the sample water bath was measured and recorded with a Model 73 Conductivity meter.

9 INTERPRETATION and RECOMMENDATIONS

The main purpose of this geophysical review was to determine which physical properties of the mineralized zones on the Ultra property could be readily differentiated from surrounding lithological units. Primary mineralization on the property occurs as mafic volcanic hosted copper-zinc-silver-gold massive sulphides. The main difficulty arises from differentiating between the geophysical signature of the

highly magnetic ultramafic units, the massive sulfides and the surrounding altered but, at times, unmineralized ultramafic and mafic volcanics.

The petrophysical analysis indicates, as expected, that the ultramafic units have a consistent and high magnetic susceptibility. Moderately high susceptibility is also observed in the massive sulphides, the Nikolai group and gabbroic samples. A notable exception is also observed in the YGS gabbro sample (ref# 04-515-142-01-01) which had the highest magnetic susceptibility of all measured samples.

The porosity measurements provide generally consistent results within each unit, however they did not prove to be a useful exploration tool for delineating zones of economic interest.

The specific gravity measurements provide consistent results within the units and a marked contrast is readily observed in the massive sulphide samples. However, mineralization in the mafic and sedimentary units would not provide sufficient contrast to warrant gravity as a viable exploration tool in this setting.

The resistivity and chargeability results clearly identify all samples with noted sulfides regardless of whether they are within the highly magnetic ultramafic assemblages or associated with the more moderate magnetic signature of the gabbroic units. The mineralized units all have a low resistivity signature coupled with high chargeability. The mineralized units have a resistivity range from 3 to 50 ohm-m, with the bulk being less than 20 ohm-m, and a chargeability of greater than 100 mV/V. Figure 4 is an x-y scatterplot of the resistivity vs chargeability and illustrates the separate and distinct grouping of these samples highlighted with an ellipse. A peridotite sample with serpentine coated fractures (AGL sample# 25) is the only sample not associated with any mineralization to exhibit these same characteristics. While these are encouraging results they also indicate that false anomalies from altered ultramafics will likely be common in the surrounding area.

Several samples received for petrophysical study had limited or missing geological descriptions at the time of testing. Further review of these sample results is also recommended.

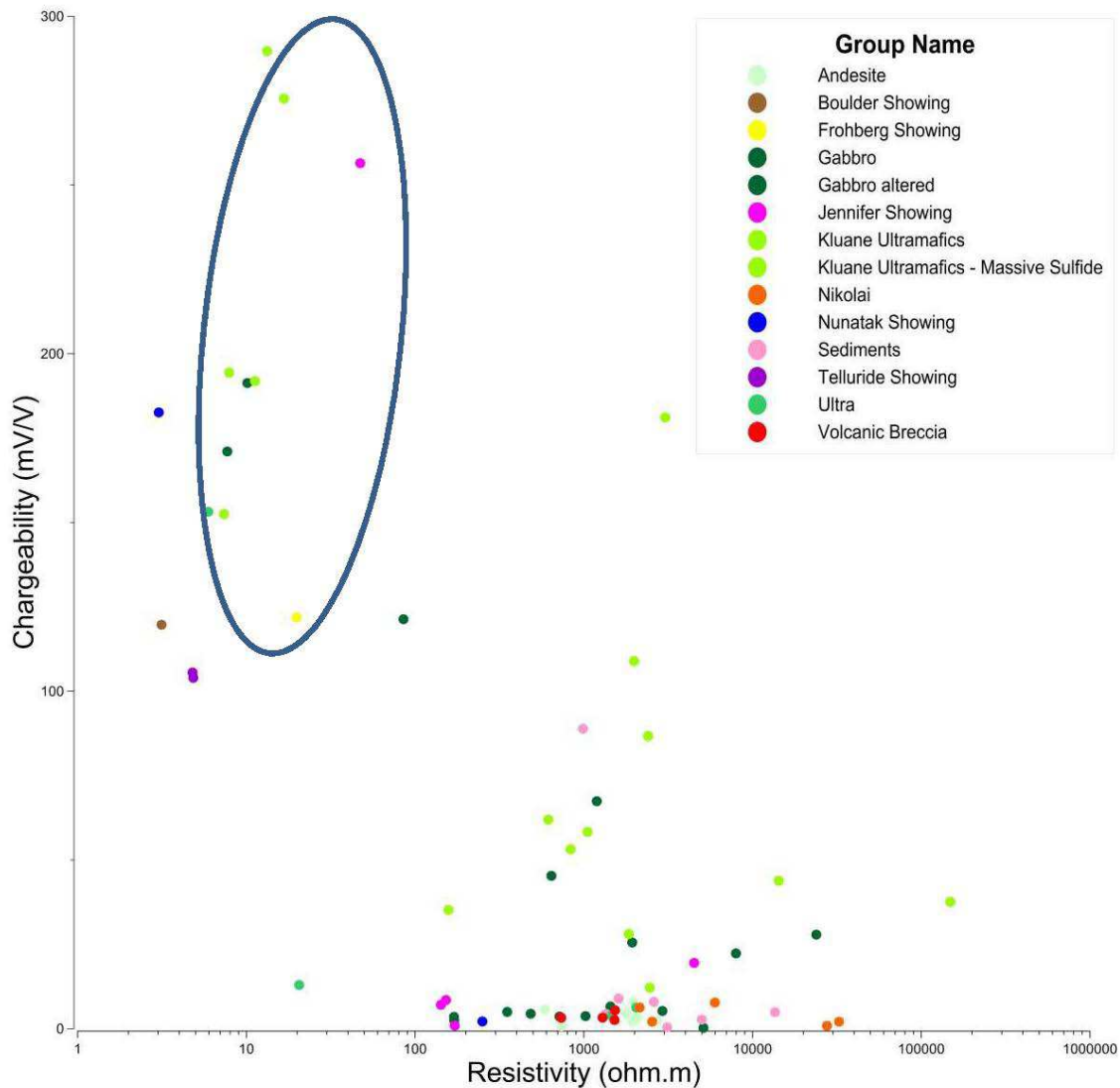


Figure 4 - Resistivity vs Chargeability Scatter Plot

The airborne and ground magnetic surveys consistently outline the Kluane ultramafic unit which runs NW/SE over the property. Three historical ground surveys were compiled and results are discussed in turn.

The Lake grid features two linear magnetic highs observed in MAP 1. A more pronounced ridge in the southwest and a more intermediate ridge located centrally on the grid. A linear conductor is observed immediately to the southwest of the central magnetic high. While the conductor is not strong further ground truthing is warranted with continued prospecting and trenching, if the mineralized unit can be exposed.

The Redball grid features a NW/SE trending magnetic high, observed on MAP 1, which is an offshoot of the larger magnetic feature observed in the airborne survey compilation (MAP 2). The airborne and ground surveys both identify a conductor south of the Boulder showing. Drilling has been attempted in this area,

however drilling difficulties prevented conclusive explanation for the anomalies. Expansion of the ground magnetic survey to the southeast is recommended as well as drill testing this target.

The Frohberg grid identified the continuation of the host ultramafic dike however the survey area is limited. Prospecting suggests the magnetic feature represents continuity of the zone at depth which was not apparent through surface investigations. The VLF survey was deemed largely unsuccessful with difficulty in acquiring acceptable signal strength. Expansion of the ground geophysical survey is recommended, a Mag-VLF survey with an automated GEM system is recommended as a first pass to test for acceptable signal strength in the area. If the VLF signal proves unacceptable or if the depth of investigation required is not shallow (<3 meters) an HLEM survey is recommended as the next most cost effective tool. Continued trenching and geological investigations are also recommended in this area. A large loop time-domain survey or a low-frequency passive-source technique is recommended to search for mineralization at depths of greater than 50 meters.

Other showings on the property include the Telluride, Jesse, Jennifer, Kul and Nunatak, over which only regional airborne geophysics exists. Highest priority is given to the Telluride showing which is listed as a possible source for the Boulder showing and whose massive sulfide horizon has been traced discontinuously for several kilometers to the southeast towards the Nunatak showing. A detailed mag-VLF survey is recommended to trace the feature to the southeast and determine if any connection with the Frohberg or Nunatak showings exist.

The remaining showings are of low priority with the possible exception of the Jesse showing. A detailed ground Mag-VLF reconnaissance survey is also recommended to define the extent of the ultramafic sill in this area of poor exposure.

The aforementioned electromagnetic surveys would highlight conductors but no indication of a chargeable response is possible with these techniques. Should future exploration results encompass complex zones of mineralization with multiple conductors in areas of limited exposure, an IP survey is recommended. This setting is possible in the Frohberg, Telluride and Nunatak areas, particularly if a ground Mag-VLF survey combines these zones. An IP survey is recommended to highlight the low resistivity and high chargeability associated with mineralization as observed in the petrophysical study. While false anomalies from altered, unmineralized ultramafics are possible, the potential for discovery warrant this investigation.

10 REFERENCES

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- Hulbert, L. J., 1997.** Geology and Metallogeny of the Kluane Mafic-Ultramafic Belt, Yukon Territory, Canada: Eastern Wrangellia – a New Ni-Cu-PGE Metallogenic Terrane. Geological Survey of Canada, Bulletin 506.
- Kiss, F., 2010.** Residual total magnetic field, Kluane area aeromagnetic survey, Parts of NTS 115 A/13, 115 A/14 and 115 B/16, Yukon. Yukon Geological Survey, Open File 2010-21.
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- Pautler, J.M., 2006.** Geological, geochemical and trenching report on the 2006 Ultra Project. Yukon Assessment Report
- Pautler, J.M., 2012.** Geological and geochemical assessment report on the Ultra project. Yukon Assessment Report
- Hearst, R., 2004.** Final Report on a Helicopter-borne Geophysical Survey, Ultra Property Southwestern Yukon Territory. McPhar Geosurveys Ltd.

Appendix I

Statement of Expenditures

STATEMENT OF EXPENDITURES

Hourly Services: Professional, Technical & Expediting

Rock Physics: 84 hrs @ \$100/hr	\$8,400.00	
- 79 total samples: Ultra and country rock		
Project Management: 14 hrs @ \$100/hr	\$1,400.00	
Expediting: 3 hrs @ \$85/hr	\$255.00	
	\$10,055.00	\$10,055.00
<i>Total - Preparation, move, demove</i>		

Analyses and report

Geophysical Interpretation: 39hrs @ \$75/hr	\$2,925.00	
- Petrophysics and compilation on Ultra airborne/ground geophysics		
Geophysical Report Preparation: 39hrs @ \$75/hr	\$2,925.00	
- Ultra assessment report preparation		
	\$5,850.00	<u>\$5,850.00</u>
<i>Total - Analyses & report</i>		\$15,905.00

I certify that this statement of expenditures is complete and true to the best of my knowledge.

Phil Jackson, P.Geoph

Appendix II

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Philip Jackson, P. Geoph., of the city of Whitehorse in the Yukon Territory, Canada,

HEREBY CERTIFY:

1. I reside at 75 Walnut Crescent, Whitehorse, Yukon Territory, Y1A 5J3
2. I am a geophysicist employed by Aurora Geosciences Ltd. of Whitehorse, Yukon Territory.
3. I am a graduate of Concordia University with a B.Sc. in Geology/Physics in 1996 and have worked as a geophysicist since that time.
4. I am a member of the Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories, Registration No 1667.

Dated this 11th day of February, 2014, at Whitehorse, Yukon Territory.

_____.

Philip Jackson, P.Geoph.

Appendix III

Petrophysical Results

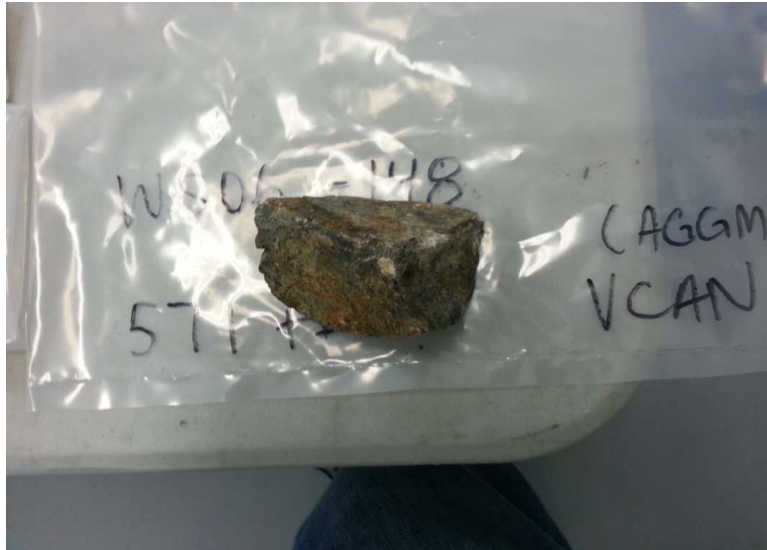
AGL Lab Sample #	From	Grouped as..	Drill Hole	Depth (feet)	Property	Comment	UTME_NAD83_Z7	UTMN_NAD83_Z7	Logs	Rock Description	Porosity (%)	Specific Gravity (g/cm3)	Magnetic Susceptibility (SI Units)	Resistivity Mean (Ohm - m)	Resistivity Dev (Ohm - m)	IP Response (mV/V)	IP Response Dev (mV/V)	Remenant Mag	Water Conductivity (mmols)	Temperature at which specific gravity was measured (C)
3	Prophecy Platinum	ANDESITE	WS09-175	254	Wellgreen	Volcanic Agglomerate			WS09-175	ANDESITE, light brown - grey, fine grain, badly broken.	0.54	2.81	0.19	590.55	17.47	5.67	0.15	---	38.00	18.00
4	Prophecy Platinum	ANDESITE	WS08-156	711	Wellgreen	Volcanic Agglomerate			WS08-156	ANDESITE: medium grey to grey-green; fine grained; numerous carbonate filled fractures	1.04	2.71	0.10	2071.36	336.80	3.43	0.68	---	39.00	18.00
5	Prophecy Platinum	ANDESITE	WS08-155	52	Wellgreen	Volcanic Agglomerate			WS08-155	ANDESITE DYKE: Dark grey, aphanitic; Calcite filled fractures to 1 cm	0.58	2.87	0.02	2713.99	275.35	2.33	0.42	---	34.00	18.00
6	Prophecy Platinum	ANDESITE	WS08-154	2310	Wellgreen	Volcanic Tuff			WS08-154	ANDESITE (Tuffaceous): grn - grey color; aphanitic texture, slightly porphyritic; chlo-carb altered; cut by multidirectional calcite veinlets; weakly mineralized	0.91	2.73	0.13	1948.47	194.30	2.20	0.17	---	25.00	18.00
7	Prophecy Platinum	ANDESITE	WS08-154	2346	Wellgreen	Volcanic Tuff			WS08-154	ANDESITE (Tuffaceous): grn - grey color; aphanitic texture, slightly porphyritic; chlo-carb altered; cut by multidirectional calcite veinlets; weakly mineralized	2.28	2.72	0.09	1790.13	9.17	4.50	0.30	---	18.00	18.00
13	Prophecy Platinum	ANDESITE	WS08-154	2323	Wellgreen	Volcanic Andesite			WS08-154	ANDESITE (Tuffaceous): grn - grey color; aphanitic texture, slightly porphyritic; chlo-carb altered; cut by multidirectional calcite veinlets; weakly mineralized	0.79	2.69	0.46	1980.51	87.52	7.97	0.15	---	19.00	18.00
45	Prophecy Platinum	ANDESITE	WS06-150	296	Wellgreen	Dyke (Chilled Gabbro)			WS06-150	ANDESITE?	3.39	3.14	0.16	738.17	76.14	0.75	0.13	3.6430	26.00	18.00
32	Tom Morgan	BOULDER SHOWING	---	---	Ultra	Boulder Showing Telluride Cr., Boulder #3 South of Creek	650440	6756000		BOULDER SHOWING: boulder #3	0.77	3.86	0.20	v.low	---	---	---	---	107.00	18.00
36	Tom Morgan	BOULDER SHOWING	---	---	Ultra	Boulder Showings Telluride Cr., Boulder #1, VMS Zn-Cu-Ag+ Au Mioplie Cr. Area	650400	6755975		BOULDER SHOWING:	7.70	3.91	0.29	3.14	0.15	119.73	6.46	---	56.00	18.00
37	Tom Morgan	BOULDER SHOWING	---	---	Ultra	Boulder VMS Showing Telleride Cr. Boulder #2 North of Creek	650400	6755975		BOULDER SHOWING:	1.48	4.13	0.04	v.low	---	---	---	---	96.00	18.00
34	Tom Morgan	FROHBERG SHOWING	---	---	Ultra	Gabro Dike Margin, 7% Ni Massive sulphide 250 m N of Frohberg showing	647680	6753972		FROHBERG SHOWING: massive sulphide	6.92	2.96	0.05	19.85	0.08	121.91	3.91	---	100.00	18.00
35	Tom Morgan	FROHBERG SHOWING	---	---	Ultra	Cu-Ni-PGE Silicified sediments on gabbro contact Frohberg Showing	647680	6753710		FROHBERG SHOWING: silicified sediments	0.89	2.81	0.07	v. high	---	---	---	---	10.00	18.00
K81	Tim Liverton	FROHBERG SHOWING	---	---	Ultra	rock cube sample K81				FROHBERG SHOWING: Green calc-silicate rock with chalcopryrite	0.41	2.85	0.15	82.98	0.33	---	---	6.1217	25.00	18.00
1	Prophecy Platinum	GABBRO	WS06-148	571	Wellgreen	Agglomerate			WS06-148	Maple Creek Gabbro?	1.13	2.81	0.18	1023.23	8.51	3.77	0.31	---	52.00	18.00
10	Prophecy Platinum	GABBRO	WS08-155	389	Wellgreen	Volcanic Andesite			WS08-155	GABBRO?: medium grey; mg; intensely sheared	1.73	2.81	0.09	718.51	52.27	3.63	0.23	---	17.00	18.00
11	Prophecy Platinum	GABBRO	WS09-175	266	Wellgreen	Volcanic Andesite			WS09-175	MAPLE CREEK GABBRO? light to medium green - gray, medium grain, badly broken some gouge?	2.82	2.95	0.10	483.64	5.65	4.47	0.40	5.3374	9.00	18.00
12	Prophecy Platinum	GABBRO	WS09-175	430	Wellgreen	Volcanic Andesite			WS09-175	MAPLE CREEK GABBRO? light to medium green - gray, medium grain, badly broken some gouge?	2.67	2.99	0.20	2924.43	17.33	5.30	0.36	---	16.00	18.00
53	Prophecy Platinum	GABBRO	WS08-156	296	Wellgreen	Gabbro			WS08-156	GABBRO: MEDIUM GREY, MG; upper contact @ 80deg LCA; lower contact @ 45 deg LCA	2.56	3.44	-0.02	351.30	8.50	5.00	0.35	---	8.00	18.00
54	Prophecy Platinum	GABBRO	WS08-156	656	Wellgreen	Gabbro			WS08-156	GABBRO: dk-grey to black; mg - 12% TS	2.16	3.16	2.14	7.72	0.34	171.07	19.92	---	36.00	18.00
55	Prophecy Platinum	GABBRO	WS08-148	547	Wellgreen	Gabbro			none	---	1.39	3.12	6.27	1936.68	132.45	25.57	0.06	744.7301	29.00	18.00
56	Prophecy Platinum	GABBRO	WS06-149	148	Wellgreen	Gabbro			WS06-149	ANDESITE?	3.78	3.21	0.25	1194.61	96.90	67.43	2.73	---	71.00	18.00
57	Prophecy Platinum	GABBRO	WS06-149	268	Wellgreen	Gabbro			WS06-149	GABBRO? / ANDESITE?	1.16	3.09	2.21	10.14	0.90	191.37	1.96	---	32.00	18.00
58	Prophecy Platinum	GABBRO	WS08-156	580	Wellgreen	Skarn			WS08-156	GABBRO: chilled?; med grey; f-mg; mod sheared; 6% TS	2.46	3.09	2.00	85.35	2.15	121.37	2.48	---	40.00	18.00
72	YGS	GABBRO	---	---	YGS Regional	Ref# 04-515-112-1-1					0.82	2.86	0.87	170.52	19.72	2.52	0.25	---	43.00	18.00
73	YGS	GABBRO	---	---	YGS Regional	Ref# 04-515-142-01-01					0.92	2.92	72.35	7974.29	85.05	22.36	0.11	---	7.00	18.00
76	YGS	GABBRO	---	---	YGS Regional	Ref# 04-515-217-1-1					2.16	2.92	0.72	5112.03	420.22	0.28	1.27	---	37.00	18.00
60	Prophecy Platinum	GABBRO - ALTERED	WS08-147	167	Wellgreen	Skarn			none	---	1.75	3.18	-0.09	1439.02	138.27	6.63	0.15	---	54.00	18.00
61	Prophecy Platinum	GABBRO - ALTERED	WS11-188	938	Wellgreen	Skarn			WS11-188	ALTERED GABBRO: wk to mod silicified; minor mineralization	1.19	3.30	-0.26	23892.31	1842.85	27.90	0.53	---	16.00	18.00
62	Prophecy Platinum	GABBRO - ALTERED	WS06-151	736	Wellgreen	Skarn			WS06-151	GABBRO INTERMIXED WITH PERIDOTITE: 1-4% TS	3.79	2.86	0.00	170.17	4.72	3.53	0.06	---	37.00	18.00
59	Prophecy Platinum	GABBRO - DISSEMINATED SULFIDES	WS08-160	1482	Wellgreen	Skarn			WS08-160	GABBRO: It grey to buff colored; probably chilled/baked section of gabbro; cpy dissemination with +- po pn and trace silver/black mineral (galena?)	5.36	2.83	-0.55	642.32	16.63	45.33	0.60	2.8653	105.00	18.00
38	Jean Pautler	GYPSUM	---	---	Ultra	Jean's Pautler's gypsum sample				JENNIFER SHOWING: gypsum	19.66	2.54	-0.03	182.03	45.42	---	---	---	305.00	18.00
39	Jean Pautler	GYPSUM	---	---	Ultra	Jean's Pautler's gypsum sample				JENNIFER SHOWING: gypsum	37.60	2.06	0.00	85.07	0.54	---	---	---	320.00	18.00
40	Jean Pautler	JENNIFER SHOWING	---	---	Ultra	From Jennifer Showing	642576	6755437		JENNIFER SHOWING:	3.45	2.78	0.11	47.30	0.60	256.50	2.96	---	121.00	18.00
41	Jean Pautler	JENNIFER SHOWING	---	---	Ultra	From Jennifer Showing	642576	6755437		JENNIFER SHOWING:	4.18	2.52	0.03	152.47	1.86	8.52	0.78	---	40.00	18.00
42	Jean Pautler	JENNIFER SHOWING	---	---	Ultra	From Jennifer Showing	642576	6755437		JENNIFER SHOWING:	1.25	2.91	2.01	4507.16	381.01	19.53	1.72	---	73.00	18.00
43	Jean Pautler	JENNIFER SHOWING	---	---	Ultra	From Jennifer Showing	642576	6755437		JENNIFER SHOWING:	11.14	2.49	0.00	142.15	2.24	7.10	0.29	---	40.00	18.00
44	Jean Pautler	JENNIFER SHOWING	---	---	Ultra	From Jennifer Showing	642576	6755437		JENNIFER SHOWING:	2.85	2.65	-0.01	171.86	7.39	0.94	0.03	---	46.00	18.00
18	Prophecy Platinum	KLUANE ULTRAMAFICS	WS06-151	57	Wellgreen	Kluane Ultramafics, Peridotite			WS06-151	PERIDOTITE: - NO DESCRIPTION - 0.1% Cu	7.52	2.83	29.71	1051.78	17.78	58.33	1.52	---	21.00	18.00
19	Prophecy Platinum	KLUANE ULTRAMAFICS	WS06-151	432	Wellgreen	Kluane Ultramafics, Peridotite			WS06-151	PERIDOTITE: - NO DESCRIPTION - 0.04% Cu	5.35	2.68	20.88	616.57	27.93	61.97	1.82	---	32.00	18.00
20	Prophecy Platinum	KLUANE ULTRAMAFICS	WS08-156	61	Wellgreen	Kluane Ultramafics, Peridotite			WS08-156	PERIDOTITE: dark green-black; mg with alt greenish mineral prob feldspar around olivine; badly weathered: serpentine on fractures	1.98	2.79	32.67	2406.90	529.09	86.76	2.81	1500.9024	45.00	18.00
21	Prophecy Platinum	KLUANE ULTRAMAFICS	WS06-150	191	Wellgreen	Kluane Ultramafics, Peridotite			WS06-150	PERIDOTITE: - NO DESCRIPTION - not mineralized	3.48	2.71	26.27	14287.93	514.65	43.88	1.31	---	54.00	18.00

AGL Lab Sample #	From	Grouped as..	Drill Hole	Depth (feet)	Property	Comment	UTME_NAD83_Z7	UTMN_NAD83_Z7	Logs	Rock Description	Porosity (%)	Specific Gravity (g/cm3)	Magnetic Susceptibility (SI Units)	Resistivity Mean (Ohm - m)	Resistivity Dev (Ohm - m)	IP Response (mV/V)	IP Response Dev (mV/V)	Remenant Mag	Water Conductivity (mmols)	Temperature at which specific gravity was measured (C)
22	Prophecy Platinum	KLUANE ULTRAMAFICS	WS06-151	525	Wellgreen	Kluane Ultramafics, Peridotite			WS06-151	PERIDOTITE - NO DESCRIPTION - not mineralized	4.22	2.68	29.11	157.64	8.71	35.24	1.82	---	210.00	18.00
23	Prophecy Platinum	KLUANE ULTRAMAFICS	WS08-154	2051	Wellgreen	Kluane Ultramafics, Peridotite			WS08-154	PERIDOTITE: dark green/grey to dark grey; medium grained, phaneritic; olivine and pyroxene rich, highly magnetic; occ serpentine in fractures; weak to moderate intensity carb alteration with calcite as frac fills; ~7% TS	0.98	2.81	18.46	835.84	17.56	53.20	1.18	---	39.00	18.00
24	Prophecy Platinum	KLUANE ULTRAMAFICS	WS09-175	36	Wellgreen	Kluane Ultramafics, Peridotite			WS09-175	PERIDOTITE: with some unmineralized gabbro, badly broken ground - probably not bedrock.	0.48	2.97	23.33	1985.77	106.12	108.97	1.36	---	9.00	18.00
25	Prophecy Platinum	KLUANE ULTRAMAFICS	WS08-155	274	Wellgreen	Kluane Ultramafics, Clinopyroxenite			WS08-155	PERIDOTITE: dark green-black, mg, magnetic, upper contact @ 50deg to LCA; serpentine coated fractures	3.17	2.90	39.42	16.71	0.44	275.63	5.27	---	45.00	18.00
26	Prophecy Platinum	KLUANE ULTRAMAFICS	WS08-156	207	Wellgreen	Kluane Ultramafics, Clinopyroxenite, Strongly serpentinized			WS08-156	PERIDOTITE: dark green-black; mg with alt greenish mineral prob feldspar around olivine; badly weathered; serpentine on fractures	1.79	2.81	29.52	1849.04	175.83	28.07	0.59	---	9.00	18.00
27	Prophecy Platinum	KLUANE ULTRAMAFICS	WS08-156	238	Wellgreen	Kluane Ultramafics, Clinopyroxenite,			WS08-156	PERIDOTITE: dark green-black; mg with alt greenish mineral prob feldspar around olivine; badly weathered; serpentine on fractures	2.25	2.71	19.93	148545.09	4782.93	37.60	1.48	2703.6204	42.00	18.00
28	Prophecy Platinum	KLUANE ULTRAMAFICS	WS06-151	585	Wellgreen	Kluane Ultramafics, Clinopyroxenite,			WS06-151	PERIDOTITE: - NO DESCRIPTION - not mineralized	2.91	2.83	6.29	2458.90	34.38	12.19	0.66	---	9.00	18.00
50	Prophecy Platinum	KLUANE ULTRAMAFICS	WS09-176	272	Wellgreen	Dunite			WS09-176	PERIDOTITE: dark green black, mediu grain, weak sulphides.	1.35	2.76	28.98	---	---	---	---	---	29.00	18.00
51	Prophecy Platinum	KLUANE ULTRAMAFICS	WS09-176	22	Wellgreen	Dunite			WS09-176	PERIDOTITE: dark green black, mediu grain, weak sulphides.	1.37	2.73	30.76	111.13	4.01	---	---	5416.8755	29.00	18.00
52	Prophecy Platinum	KLUANE ULTRAMAFICS	WS09-176	46	Wellgreen	Dunite			WS09-176	PERIDOTITE: dark green black, mediu grain, weak sulphides.	1.27	2.78	27.49	3040.96	133.74	181.12	15.90	---	37.00	18.00
14	Prophecy Platinum	KLUANE ULTRAMAFICS-MASSIVE SULFIDE	WS06-151	783	Wellgreen	Kluane Ultramafics, Massive sulfides			WS06-151	Massive sulfides bounded by gabbro / gabbro breccia	3.81	4.17	9.45	7.90	0.50	194.43	23.84	---	28.00	18.00
15	Prophecy Platinum	KLUANE ULTRAMAFICS-MASSIVE SULFIDE	WS06-155	308	Wellgreen	Kluane Ultramafics, Massive sulfides			none	---	1.92	4.50	6.05	7.37	0.62	152.50	30.93	---	21.00	18.00
16	Prophecy Platinum	KLUANE ULTRAMAFICS-MASSIVE SULFIDE	WS08-160	1547	Wellgreen	Kluane Ultramafics, Massive sulfides			WS08-160	Massive sulfides bounded by gabbro	1.26	4.55	4.49	11.24	0.60	191.90	5.88	1825.1724	8.00	18.00
17	Prophecy Platinum	KLUANE ULTRAMAFICS-MINERALIZED	WS08-154	1747	Wellgreen	Kluane Ultramafics, Well Mineralized Peridotite			WS08-154	PERIDOTITE: dark green/grey to dark grey; medium grained, phaneritic; olivine and pyroxene rich, highly magnetic; occ serpentine in fractures; weak to moderate intensity carb alteration with calcite as frac fills; significant sulphides 10% TS	2.21	2.88	9.59	13.27	9.77	289.67	21.50	---	6.00	18.00
80	YGS	NIKOLAI	---	---	YGS Regional	Ref# 05-51-040-1					2.85	2.77	34.32	32598.67	413.23	2.13	0.08	---	18.00	18.00
81	YGS	NIKOLAI	---	---	YGS Regional	Ref# 04-515-124-01					1.74	2.80	6.80	2144.65	267.39	6.33	0.22	---	27.00	18.00
83	YGS	NIKOLAI	---	---	YGS Regional	Ref# 04-515-136-1					1.75	3.07	7.27	2540.16	16.65	2.13	0.19	---	7.00	18.00
85	YGS	NIKOLAI	---	---	YGS Regional	Ref# 04-515-157-1-1					0.37	2.87	0.38	27601.32	253.41	0.88	0.36	---	18.00	18.00
86	YGS	NIKOLAI	---	---	YGS Regional	Ref# 04-515-169-1					1.65	2.92	11.77	5978.27	114.69	7.78	0.24	---	9.00	18.00
30	Tom Morgan	NUNATAK SHOWING	---	---	Ultra	Nunatak Showing Massive sulfide -cu sample 390079	648605	6751810		NUNATAK SHOWING: massive sulfide	2.86	4.41	0.65	3.02	0.02	182.63	1.34	---	214.00	18.00
31	Tom Morgan	NUNATAK SHOWING	---	---	Ultra	Nunatak Showing Footwall Rock, sample# 390078	648605	6751810		NUNATAK SHOWING: footwal sample	5.19	2.78	0.23	250.71	8.25	2.18	0.06	---	29.00	18.00
46	Prophecy Platinum	SEDIMENTS	WS06-151	810	Wellgreen	Quartzite			WS06-151	QUARTZITE	0.96	2.69	0.09	2602.61	566.14	7.98	2.84	1.6395	39.00	18.00
48	Prophecy Platinum	SEDIMENTS	WS08-161	445	Wellgreen	Quartzite			WS08-161	SEDIMENTS: quartzite	0.32	2.68	0.13	3116.40	156.95	0.49	0.27	---	51.00	18.00
49	Prophecy Platinum	SEDIMENTS	WS08-161	427	Wellgreen	Quartzite			WS08-161	SEDIMENTS: siltstone/ mudstone	0.79	2.81	0.03	5005.29	1519.88	2.71	0.58	---	18.00	18.00
67	Prophecy Platinum	SEDIMENTS	WS08-164	1037	Wellgreen	Argillite			WS08-164	ARGILLITE: dark greenish grey to black fine grained alightly silica chlorite with moderate carbonate quartz stringer 4% with fine pyrite dissemination/stringers at bedding plane 70 deg ACA	1.13	2.79	0.21	1355.75	71.75	4.40	0.10	---	106.00	18.00
68	Prophecy Platinum	SEDIMENTS	WS09-174	1509	Wellgreen	Argillite			WS09-174	ARGILLITE: dark grey - black, fg, bedding at 80 - 85 CA, fractured infilled with quartz/carbonate.	0.49	2.80	0.07	1607.34	65.00	8.97	0.81	34.8401	35.00	18.00
69	Prophecy Platinum	SEDIMENTS	WS09-174	1495	Wellgreen	Argillite			WS09-174	ARGILLITE: dark grey - black, fg, bedding at 80 - 85 CA, fractured infilled with quartz/carbonate.	2.77	2.71	0.24	989.28	43.65	88.92	0.60	---	38.00	18.00
70	Prophecy Platinum	SEDIMENTS	WS08-161	433	Wellgreen	Siltstone			WS08-161	SEDIMENTS: siltstone/ mudstone	1.01	2.71	0.04	13628.57	874.16	4.95	0.09	0.6175	111.00	18.00
29	Tom Morgan	TELLURIDE SHOWING	---	---	Ultra	Tell VMS showing footwall sample 390061	646220	6753840		TELLURIDE SHOWING: footwall sample	2.95	3.44	0.07	4.80	0.19	105.57	1.07	---	245.00	18.00
33	Tom Morgan	TELLURIDE SHOWING	---	---	Ultra	Tell VMS showing - Cu-Zn-Ag-Au	?	?		TELLURIDE SHOWING:	3.39	4.06	0.10	4.85	0.08	104.00	3.95	---	279.00	18.00
K74	Tim Liverton	ULTRA - General	---	---	Ultra	rock cube sample K74				Description in Appendix 5 of 2006 Ultra report by Jean Pautler - DESCRIP. NOT FOUND	2.68	3.81	0.10	20.56	8.58	13.01	10.05	465.8563	120.00	18.00
K82	Tim Liverton	ULTRA - General	---	---	Ultra	rock cube sample K82				Description in Appendix 5 of 2006 Ultra report by Jean Pautler - DESCRIP. NOT FOUND	1.44	2.76	0.09	2042.32	37.02	6.30	0.26	3.8809	29.00	18.00
K83	Tim Liverton	ULTRA - General	---	---	Ultra	rock cube sample K83				Description in Appendix 5 of 2006 Ultra report by Jean Pautler - DESCRIP. NOT FOUND	0.71	2.94	0.13	1463.36	27.13	3.90	0.20	7.3215	7.00	18.00
K85	Tim Liverton	ULTRA - General	---	---	Ultra	rock cube sample K85				Description in Appendix 5 of 2006 Ultra report by Jean Pautler - DESCRIP. NOT FOUND	4.13	4.24	0.64	5.95	0.10	153.20	0.61	258.4787	364.00	18.00
2	Prophecy Platinum	VOLCANIC BRECCIA	WS08-160	2531	Wellgreen	Agglomerate			WS08-160	VOLCANIC AGGLOMERATE - pervasive chlo-carb altn with crosscutting calcite veinlets 1% py-po, tr. Cpy	0.86	3.02	0.12	734.38	68.81	3.27	0.25	---	22.00	18.00
8	Prophecy Platinum	VOLCANIC BRECCIA	WS08-160	2509	Wellgreen	Volcanic Tuff			WS08-160	VOLCANIC AGGLOMERATE - pervasive chlo-carb altn with crosscutting calcite veinlets 1% py-po, tr. Cpy	2.28	2.69	0.04	1532.67	97.12	5.50	0.30	2.2505	25.00	18.00

AGL Lab Sample #	From	Grouped as..	Drill Hole	Depth (feet)	Property	Comment	UTME_NAD83_Z7	UTMN_NAD83_Z7	Logs	Rock Description	Porosity (%)	Specific Gravity (g/cm3)	Magnetic Susceptibility (SI Units)	Resistivity Mean (Ohm - m)	Resistivity Dev (Ohm - m)	IP Response (mV/V)	IP Response Dev (mV/V)	Remenant Mag	Water Conductivity (mmols)	Temperature at which specific gravity was measured (C)
9	Prophecy Platinum	VOLCANIC BRECCIA	WS08-155	339	Wellgreen	Volcanic Tuff			WS08-155	ANDESITE/VOLC TUFF/AGGLOMERATE: medium grey; fg; fractured with calcite filling	1.76	2.66	0.04	1290.84	74.16	3.30	0.17	---	6.00	18.00
47	Prophecy Platinum	VOLCANIC BRECCIA	WS06-147	331	Wellgreen	Quartzite?			WS06-147	AGGLOMERATE: Trace malachite and azurite	0.97	2.83	0.04	1521.31	68.08	2.60	0.10	---	80.00	18.00

PHYSICAL PROPERTY LAB REPORT

Sample #: 1



Rock Sample Description

Rock type	Agglomerate
Comment	WS06-148 @571 ft

Physical properties of the Rock Sample:

Porosity (%)	1.13
Specific Gravity (g/cm ³)	2.81
Magnetic Susceptibility (SI Units)	0.181
Resistivity Mean (Ohm - m)	1023.23
Resistivity Dev (Ohm - m)	8.51
IP Response (mV/V)	3.77
IP Response Dev (mV/V)	0.31
Remenant Mag	---
Water Conductivity (mmohs)	52
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 2



Rock Sample Description

Rock type	Agglomerate
Comment	WS08-160 @ 2531 ft

Physical properties of the Rock Sample:

Porosity (%)	0.86
Specific Gravity (g/cm ³)	3.02
Magnetic Susceptibility (SI Units)	0.12
Resistivity Mean (Ohm - m)	734.38
Resistivity Dev (Ohm - m)	68.81
IP Response (mV/V)	3.27
IP Response Dev (mV/V)	0.25
Remenant Mag	---
Water Conductivity (mmohs)	22
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

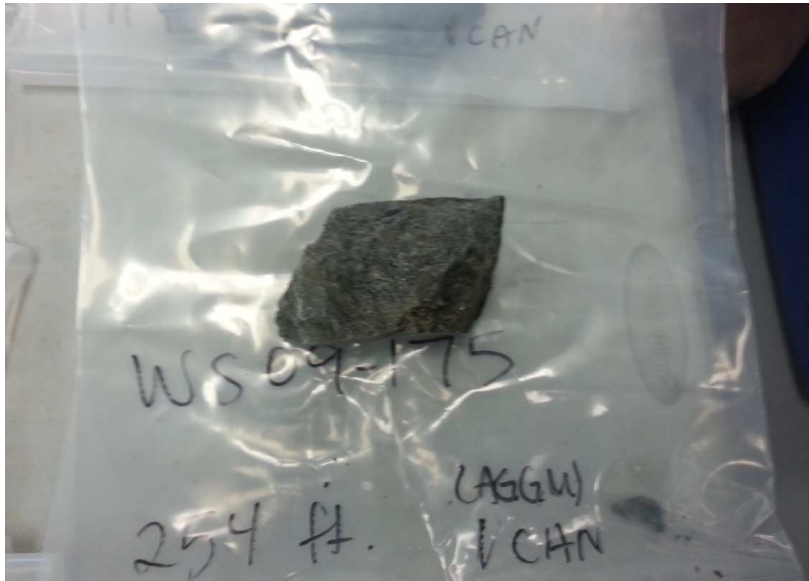
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 3



Rock Sample Description

Rock type	Volcanic Agglomerate
Comment	WS09-175 @ 254 ft

Physical properties of the Rock Sample:

Porosity (%)	0.54
Specific Gravity (g/cm ³)	2.96
Magnetic Susceptibility (SI Units)	0.185
Resistivity Mean (Ohm - m)	590.55
Resistivity Dev (Ohm - m)	17.47
IP Response (mV/V)	5.67
IP Response Dev (mV/V)	0.15
Remenant Mag	---
Water Conductivity (mmohs)	38
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

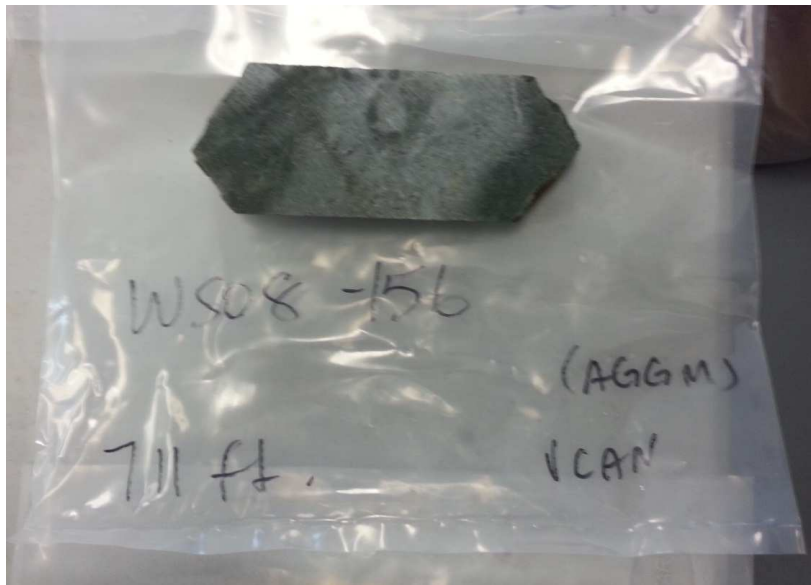
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 4



Rock Sample Description

Rock type	Volcanic Agglomerate
Comment	WS08-156 @ 711ft

Physical properties of the Rock Sample:

Porosity (%)	1.04
Specific Gravity (g/cm ³)	2.71
Magnetic Susceptibility (SI Units)	0.104
Resistivity Mean (Ohm - m)	2071.36
Resistivity Dev (Ohm - m)	336.80
IP Response (mV/V)	3.43
IP Response Dev (mV/V)	0.68
Remenant Mag	---
Water Conductivity (mmohs)	39
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 5



Rock Sample Description

Rock type	Volcanic Agglomerate
Comment	WS08-155 @ 52ft

Physical properties of the Rock Sample:

Porosity (%)	0.58
Specific Gravity (g/cm ³)	2.87
Magnetic Susceptibility (SI Units)	0.017
Resistivity Mean (Ohm - m)	2713.99
Resistivity Dev (Ohm - m)	275.35
IP Response (mV/V)	2.33
IP Response Dev (mV/V)	0.42
Remenant Mag	---
Water Conductivity (mmohs)	34
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

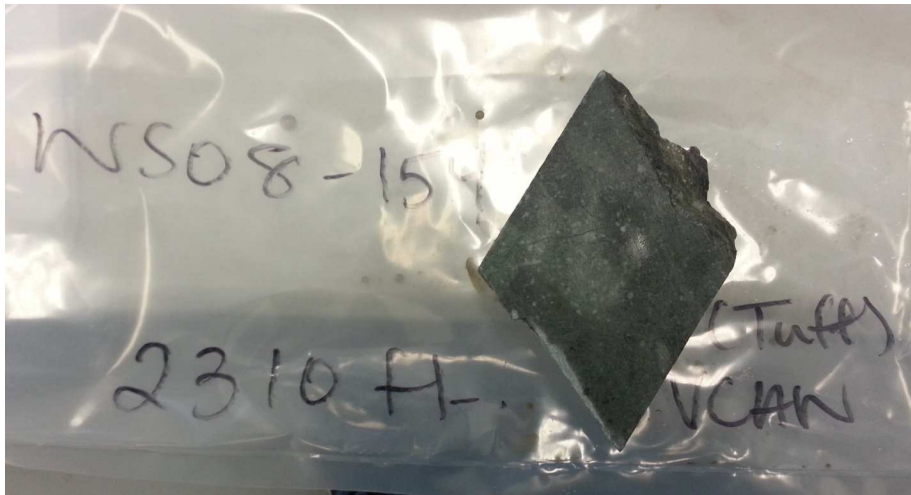
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 6



Rock Sample Description

Rock type	Volcanic Tuff
Comment	WS08-154@ 2310ft

Physical properties of the Rock Sample:

Porosity (%)	0.91
Specific Gravity (g/cm3)	2.73
Magnetic Susceptibility (SI Units)	0.125
Resistivity Mean (Ohm - m)	1948.47
Resistivity Dev (Ohm - m)	194.30
IP Response (mV/V)	2.20
IP Response Dev (mV/V)	0.17
Remenant Mag	---
Water Conductivity (mmohs)	25
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

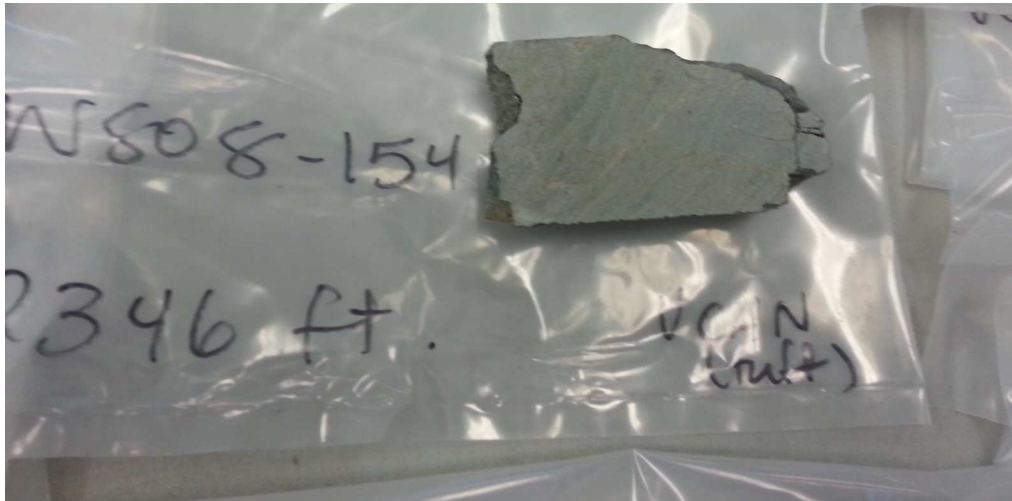
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 7



Rock Sample Description

Rock type	Volcanic Tuff
Comment	WS08-154 @ 2346ft

Physical properties of the Rock Sample:

Porosity (%)	2.28
Specific Gravity (g/cm ³)	2.72
Magnetic Susceptibility (SI Units)	0.093
Resistivity Mean (Ohm - m)	1790.13
Resistivity Dev (Ohm - m)	9.17
IP Response (mV/V)	4.50
IP Response Dev (mV/V)	0.30
Remenant Mag	---
Water Conductivity (mmohs)	18
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

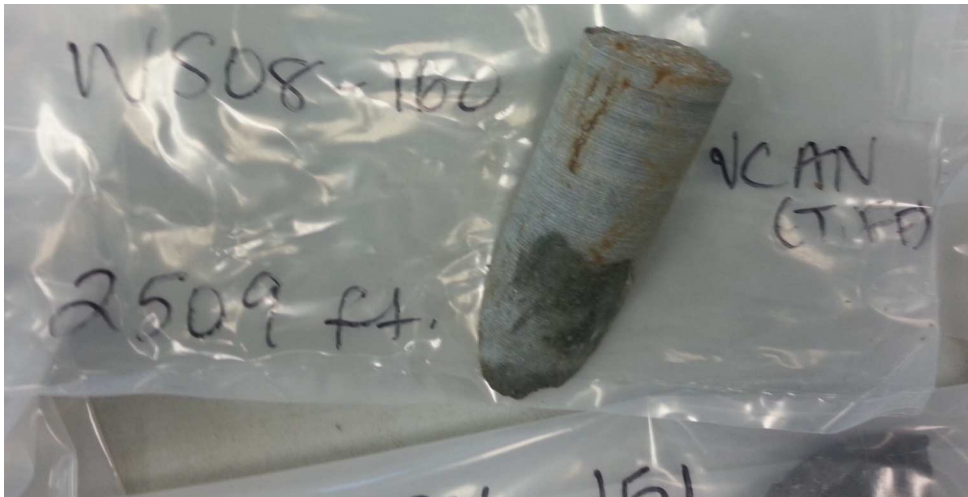
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 8



Rock Sample Description

Rock type	Volcanic Tuff
Comment	WS08-160 @ 2509ft

Physical properties of the Rock Sample:

Porosity (%)	2.28
Specific Gravity (g/cm ³)	2.69
Magnetic Susceptibility (SI Units)	0.037
Resistivity Mean (Ohm - m)	1532.67
Resistivity Dev (Ohm - m)	97.12
IP Response (mV/V)	5.50
IP Response Dev (mV/V)	0.30
Remenant Mag	2.2505
Water Conductivity (mmohs)	25
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

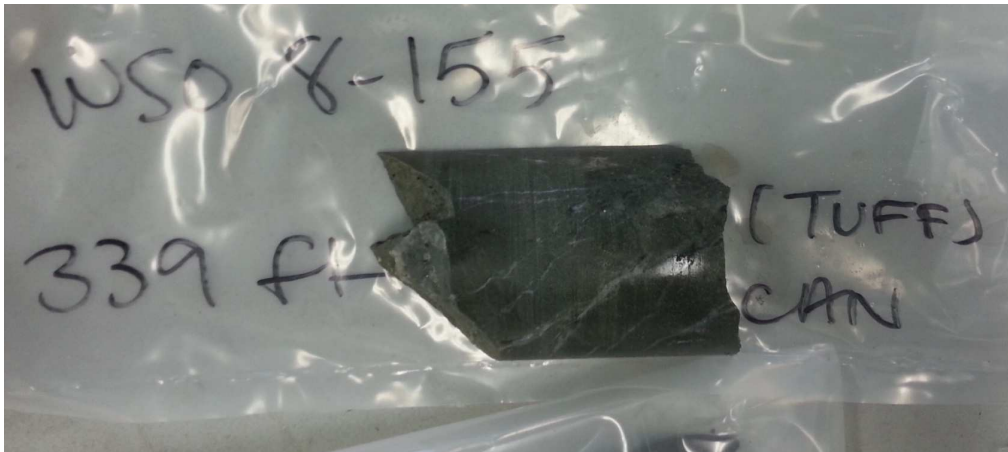
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 9



Rock Sample Description

Rock type	Volcanic Tuff
Comment	WS08-155 @ 339ft

Physical properties of the Rock Sample:

Porosity (%)	1.76
Specific Gravity (g/cm ³)	2.66
Magnetic Susceptibility (SI Units)	0.041
Resistivity Mean (Ohm - m)	1290.84
Resistivity Dev (Ohm - m)	74.16
IP Response (mV/V)	3.30
IP Response Dev (mV/V)	0.17
Remenant Mag	---
Water Conductivity (mmohs)	6
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

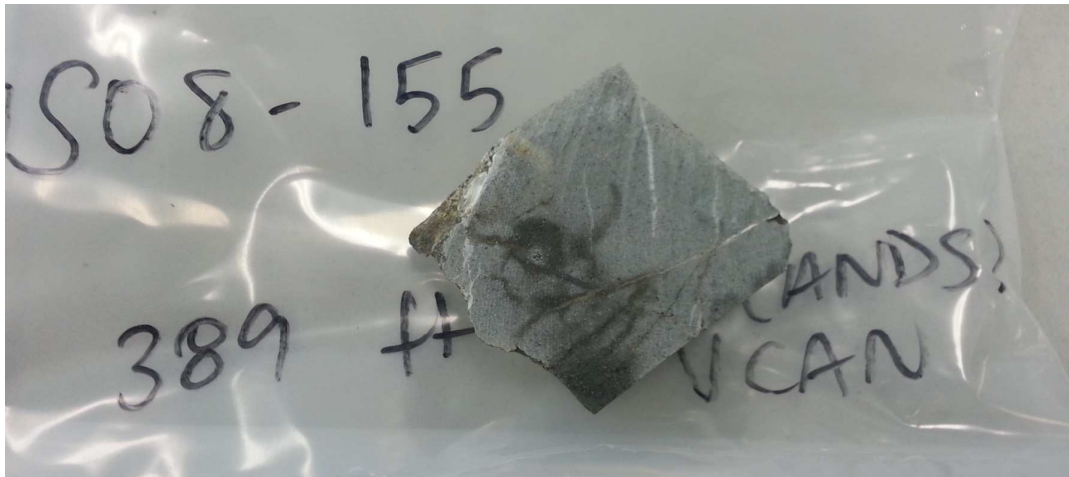
February 3, 2014

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PHYSICAL PROPERTY LAB REPORT

Sample #: 10



Rock Sample Description

Rock type	Volcanic Andesite
Comment	WS08-155 @ 389ft

Physical properties of the Rock Sample:

Porosity (%)	1.73
Specific Gravity (g/cm ³)	2.81
Magnetic Susceptibility (SI Units)	0.088
Resistivity Mean (Ohm - m)	718.51
Resistivity Dev (Ohm - m)	52.27
IP Response (mV/V)	3.63
IP Response Dev (mV/V)	0.23
Remenant Mag	---
Water Conductivity (mmohs)	17
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

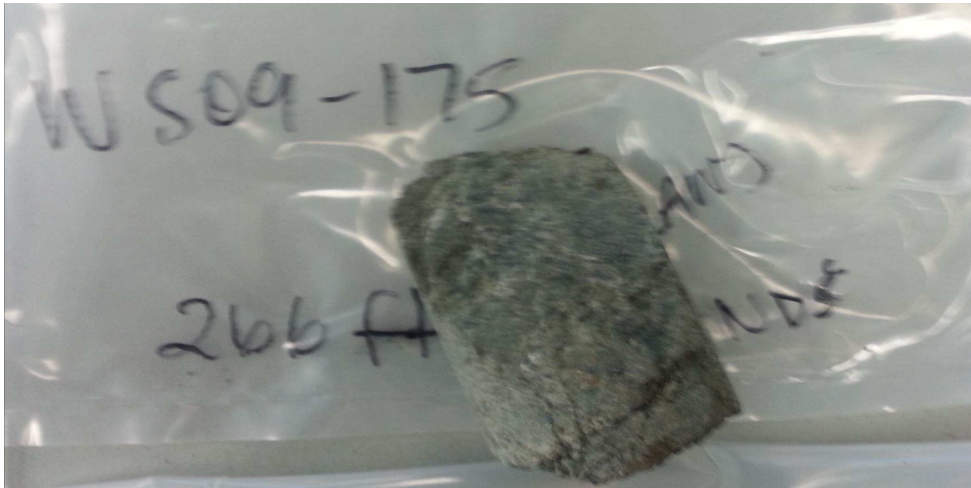
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 11



Rock Sample Description

Rock type	Volcanic Andesite
Comment	WS09-175 @ 266ft

Physical properties of the Rock Sample:

Porosity (%)	2.82
Specific Gravity (g/cm ³)	2.95
Magnetic Susceptibility (SI Units)	0.0975
Resistivity Mean (Ohm - m)	483.64
Resistivity Dev (Ohm - m)	5.65
IP Response (mV/V)	4.47
IP Response Dev (mV/V)	0.40
Remenant Mag	5.3374
Water Conductivity (mmohs)	9
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

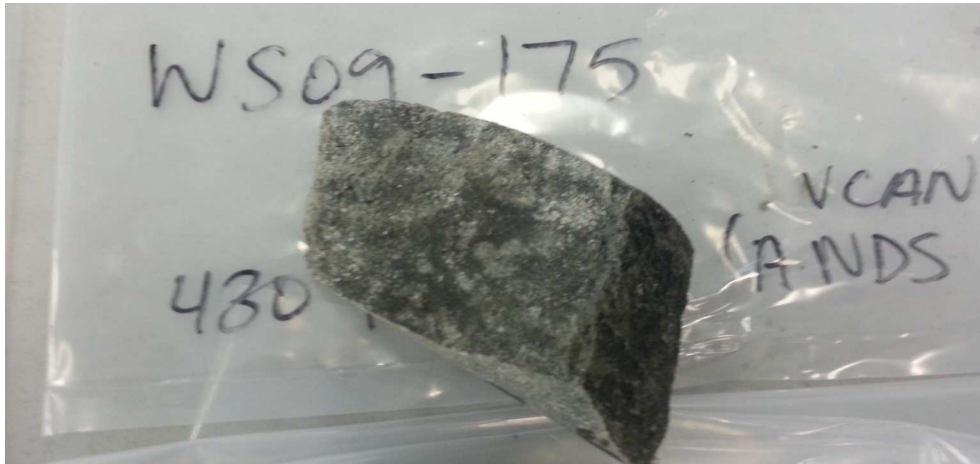
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AURORA GEOSCIENCES

PHYSICAL PROPERTY LAB REPORT

Sample #: 12



Rock Sample Description

Rock type	Volcanic Andesite
Comment	WS09-175 @ 430ft

Physical properties of the Rock Sample:

Porosity (%)	2.67
Specific Gravity (g/cm3)	2.99
Magnetic Susceptibility (SI Units)	0.197
Resistivity Mean (Ohm - m)	2924.43
Resistivity Dev (Ohm - m)	17.33
IP Response (mV/V)	5.30
IP Response Dev (mV/V)	0.36
Remenant Mag	---
Water Conductivity (mmohs)	16
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

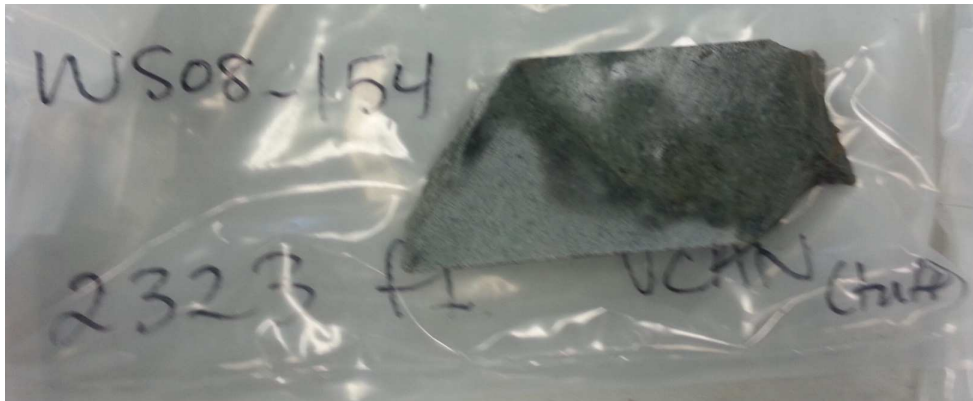
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 13



Rock Sample Description

Rock type	Volcanic Andesite
Comment	WS08-154 @ 2323ft

Physical properties of the Rock Sample:

Porosity (%)	0.79
Specific Gravity (g/cm ³)	2.69
Magnetic Susceptibility (SI Units)	0.455
Resistivity Mean (Ohm - m)	1980.51
Resistivity Dev (Ohm - m)	87.52
IP Response (mV/V)	7.97
IP Response Dev (mV/V)	0.15
Remenant Mag	---
Water Conductivity (mmohs)	19
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

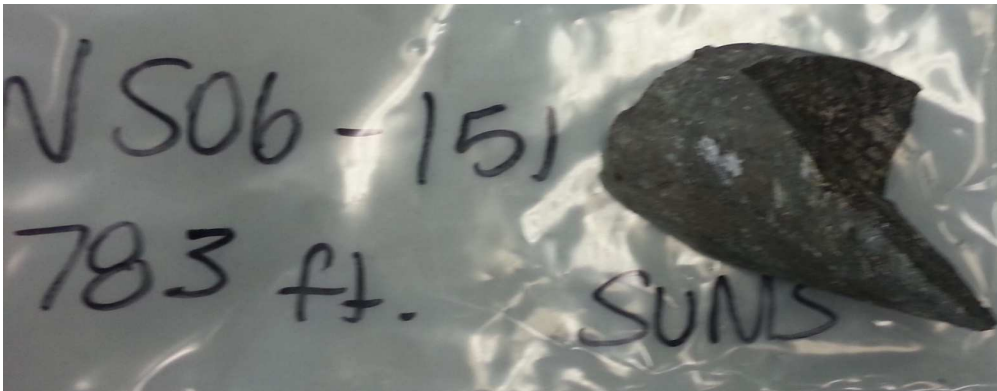
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 14



Rock Sample Description

Rock type	Kluane Ultramafics, Massive sulfides
Comment	WS06-151 @ 783ft

Physical properties of the Rock Sample:

Porosity (%)	3.81
Specific Gravity (g/cm ³)	4.17
Magnetic Susceptibility (SI Units)	9.448
Resistivity Mean (Ohm - m)	7.90
Resistivity Dev (Ohm - m)	0.50
IP Response (mV/V)	194.43
IP Response Dev (mV/V)	23.84
Remenant Mag	---
Water Conductivity (mmohs)	28
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

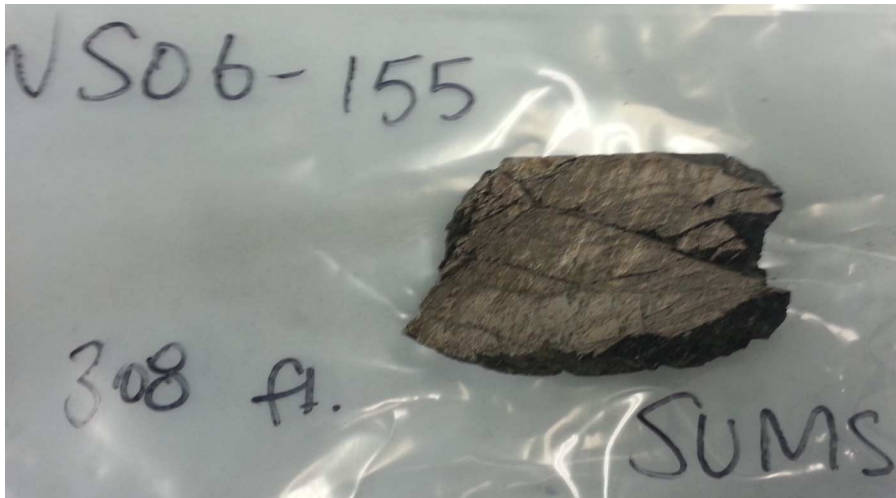
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 15



Rock Sample Description

Rock type	Kluane Ultramafics, Massive sulfides
Comment	WS06-155 @ 308ft

Physical properties of the Rock Sample:

Porosity (%)	1.92
Specific Gravity (g/cm ³)	4.50
Magnetic Susceptibility (SI Units)	6.048
Resistivity Mean (Ohm - m)	7.37
Resistivity Dev (Ohm - m)	0.62
IP Response (mV/V)	152.50
IP Response Dev (mV/V)	30.93
Remenant Mag	---
Water Conductivity (mmohs)	21
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

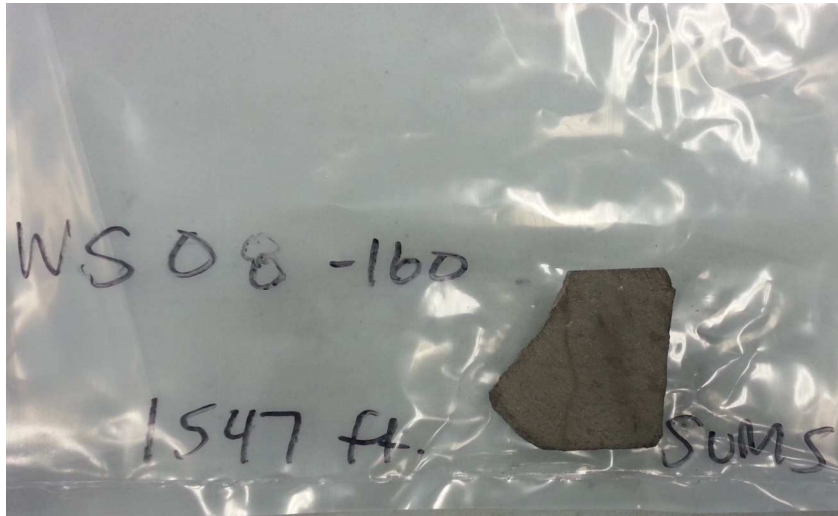
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 16



Rock Sample Description

Rock type	Kluane Ultramafics, Massive sulfides
Comment	WS08-160@ 1547ft

Physical properties of the Rock Sample:

Porosity (%)	1.26
Specific Gravity (g/cm ³)	4.55
Magnetic Susceptibility (SI Units)	4.488
Resistivity Mean (Ohm - m)	11.24
Resistivity Dev (Ohm - m)	0.60
IP Response (mV/V)	191.90
IP Response Dev (mV/V)	5.88
Remenant Mag	1825.1724
Water Conductivity (mmohs)	8
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

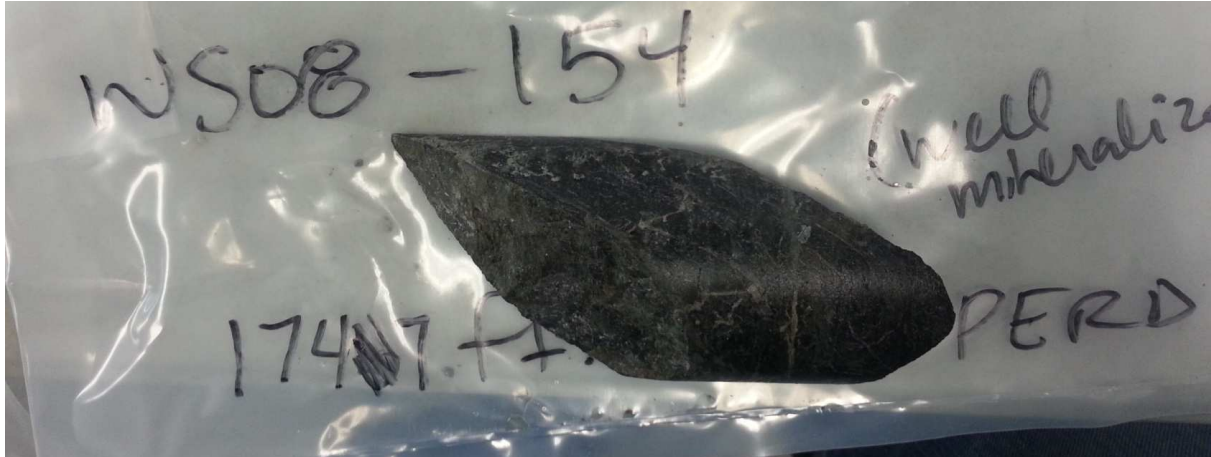
Measured by:

Andre Lebel

February 3, 2014

 Date

Sample #: 17



Rock Sample Description

Rock type	Kluane Ultramafics, Well Mineralized Peridotite
Comment	WS08-154@ 1747ft

Physical properties of the Rock Sample:

Porosity (%)	2.21
Specific Gravity (g/cm ³)	2.88
Magnetic Susceptibility (SI Units)	9.586
Resistivity Mean (Ohm - m)	13.27
Resistivity Dev (Ohm - m)	9.77
IP Response (mV/V)	289.67
IP Response Dev (mV/V)	21.50
Remenant Mag	---
Water Conductivity (mmohs)	6
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

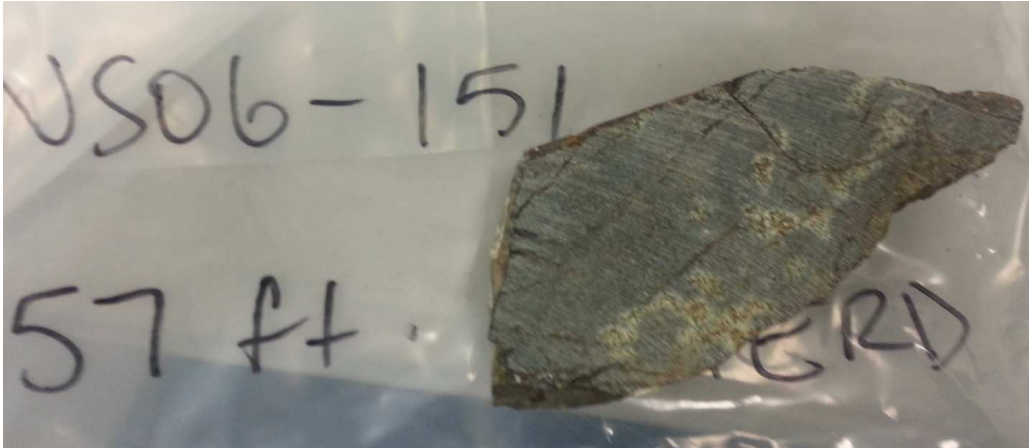
 Andre Lebel

February 3, 2014

 Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 18



Rock Sample Description

Rock type	Kluane Ultramafics, Peridotite
Comment	WS06-151@ 57ft

Physical properties of the Rock Sample:

Porosity (%)	7.52
Specific Gravity (g/cm ³)	2.83
Magnetic Susceptibility (SI Units)	29.712
Resistivity Mean (Ohm - m)	1051.78
Resistivity Dev (Ohm - m)	17.78
IP Response (mV/V)	58.33
IP Response Dev (mV/V)	1.52
Remenant Mag	---
Water Conductivity (mmohs)	21
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

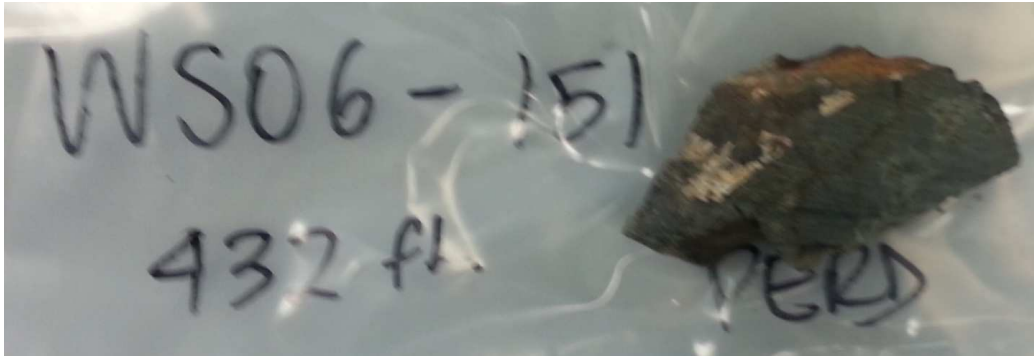
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 19



Rock Sample Description

Rock type	Kluane Ultramafics, Peridotite
Comment	WS06-151@ 432ft

Physical properties of the Rock Sample:

Porosity (%)	5.35
Specific Gravity (g/cm ³)	2.68
Magnetic Susceptibility (SI Units)	20.88
Resistivity Mean (Ohm - m)	616.57
Resistivity Dev (Ohm - m)	27.93
IP Response (mV/V)	61.97
IP Response Dev (mV/V)	1.82
Remenant Mag	---
Water Conductivity (mmohs)	32
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 20



Rock Sample Description

Rock type	Kluane Ultramafics, Peridotite
Comment	WS08-156@ 61ft

Physical properties of the Rock Sample:

Porosity (%)	1.98
Specific Gravity (g/cm ³)	2.79
Magnetic Susceptibility (SI Units)	32.67
Resistivity Mean (Ohm - m)	2406.90
Resistivity Dev (Ohm - m)	529.09
IP Response (mV/V)	86.76
IP Response Dev (mV/V)	2.81
Remenant Mag	1500.9024
Water Conductivity (mmohs)	45
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 21



Rock Sample Description

Rock type	Kluane Ultramafics, Peridotite
Comment	WS06-150@ 191ft

Physical properties of the Rock Sample:

Porosity (%)	3.48
Specific Gravity (g/cm ³)	2.71
Magnetic Susceptibility (SI Units)	26.271
Resistivity Mean (Ohm - m)	14287.93
Resistivity Dev (Ohm - m)	514.65
IP Response (mV/V)	43.88
IP Response Dev (mV/V)	1.31
Remenant Mag	---
Water Conductivity (mmohs)	54
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

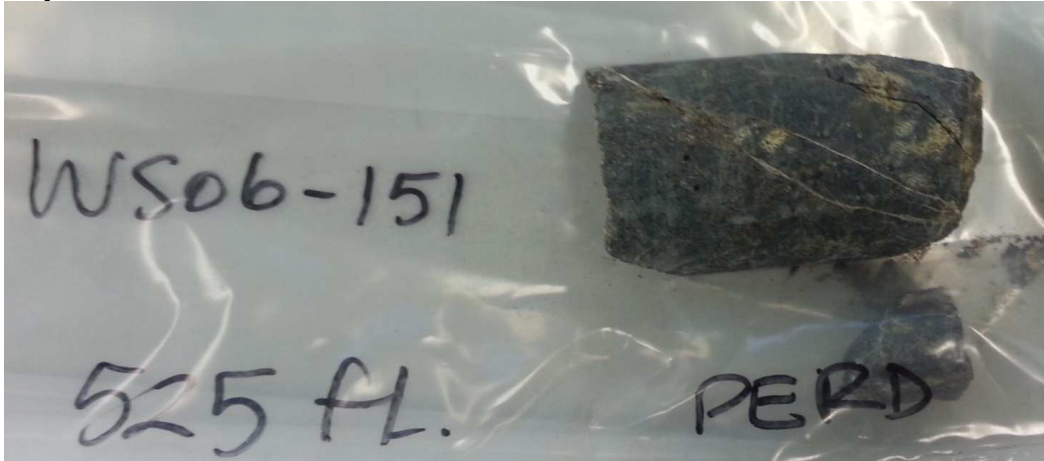
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 22



Rock Sample Description

Rock type	Kluane Ultramafics, Peridotite
Comment	WS06-151 at 525ft

Physical properties of the Rock Sample:

Porosity (%)	4.22
Specific Gravity (g/cm ³)	2.68
Magnetic Susceptibility (SI Units)	29.11
Resistivity Mean (Ohm - m)	157.64
Resistivity Dev (Ohm - m)	8.71
IP Response (mV/V)	35.24
IP Response Dev (mV/V)	1.82
Remenant Mag	---
Water Conductivity (mmohs)	210
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 23



Rock Sample Description

Rock type	Kluane Ultramafics, Peridotite
Comment	WS08-154 at 2051ft

Physical properties of the Rock Sample:

Porosity (%)	0.98
Specific Gravity (g/cm ³)	2.81
Magnetic Susceptibility (SI Units)	18.462
Resistivity Mean (Ohm - m)	835.84
Resistivity Dev (Ohm - m)	17.56
IP Response (mV/V)	53.20
IP Response Dev (mV/V)	1.18
Remenant Mag	---
Water Conductivity (mmohs)	39
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

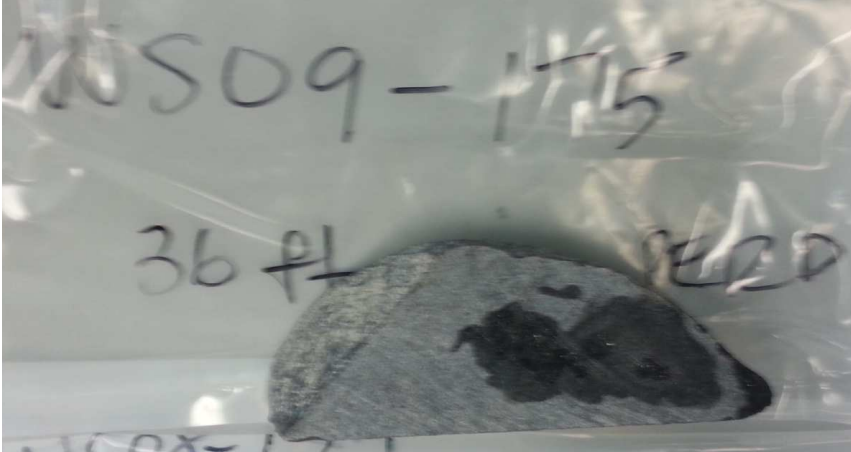
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 24



Rock Sample Description

Rock type	Kluane Ultramafics, Peridotite
Comment	WS09-175 at 36ft

Physical properties of the Rock Sample:

Porosity (%)	0.48
Specific Gravity (g/cm ³)	2.97
Magnetic Susceptibility (SI Units)	23.332
Resistivity Mean (Ohm - m)	1985.77
Resistivity Dev (Ohm - m)	106.12
IP Response (mV/V)	108.97
IP Response Dev (mV/V)	1.36
Remenant Mag	---
Water Conductivity (mmohs)	9
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

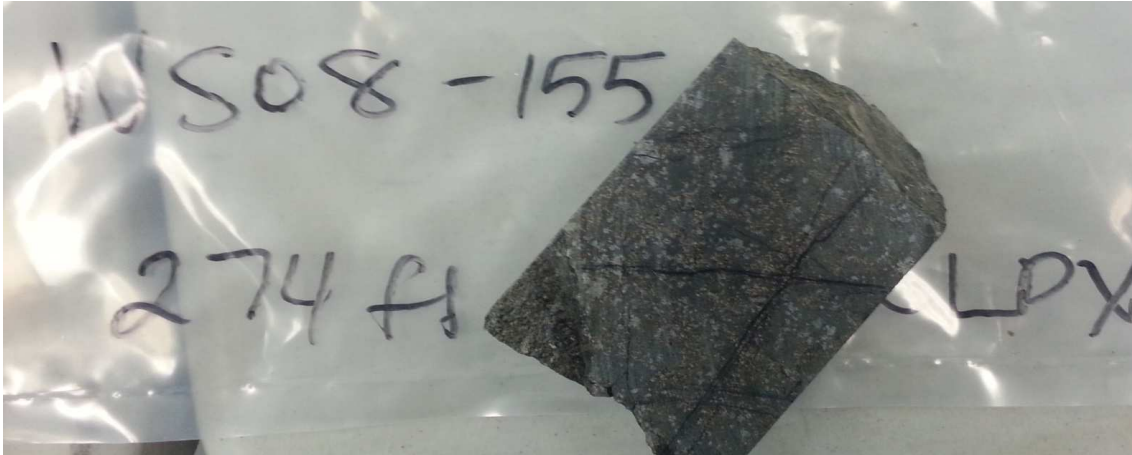
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 25



Rock Sample Description

Rock type	Kluane Ultramafics, Clinopyroxenite
Comment	WS08-155 at 274ft

Physical properties of the Rock Sample:

Porosity (%)	3.17
Specific Gravity (g/cm ³)	2.90
Magnetic Susceptibility (SI Units)	39.42
Resistivity Mean (Ohm - m)	16.71
Resistivity Dev (Ohm - m)	0.44
IP Response (mV/V)	275.63
IP Response Dev (mV/V)	5.27
Remenant Mag	---
Water Conductivity (mmohs)	45
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

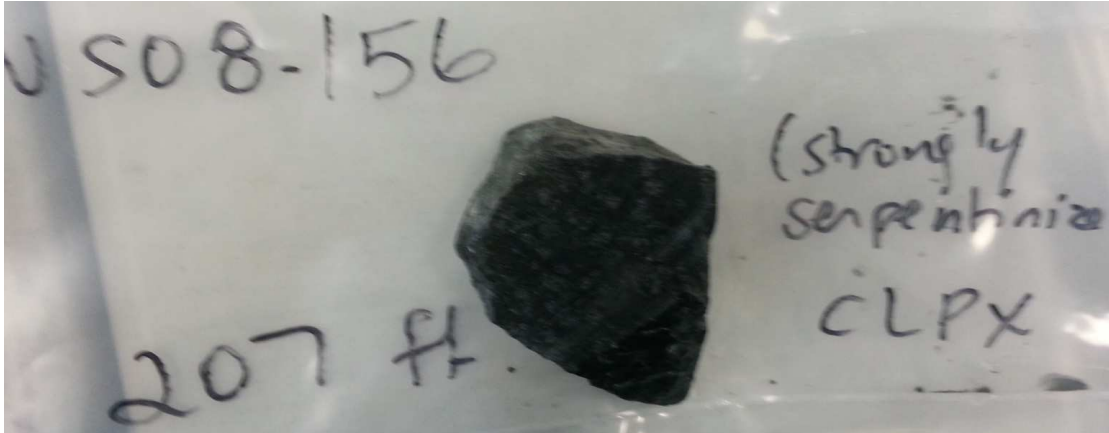
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 26



Rock Sample Description

Rock type	Kluane Ultramafics, Clinopyroxenite, Strongly serpentinized
Comment	WS08-156 at 207ft

Physical properties of the Rock Sample:

Porosity (%)	1.79
Specific Gravity (g/cm3)	2.81
Magnetic Susceptibility (SI Units)	29.52
Resistivity Mean (Ohm - m)	1849.04
Resistivity Dev (Ohm - m)	175.83
IP Response (mV/V)	28.07
IP Response Dev (mV/V)	0.59
Remanent Mag	---
Water Conductivity (mmohs)	9
Temperature at which specific gravity was measured (C)	18

Notes: Remanent Mag was measured in six directions.

Measured by:

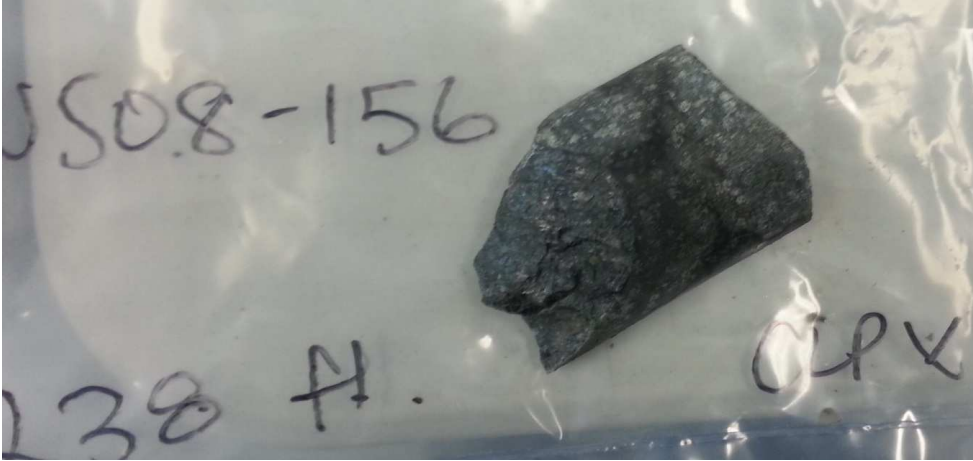
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 27



Rock Sample Description

Rock type	Kluane Ultramafics, Clinopyroxenite,
Comment	WS08-156 at 238ft

Physical properties of the Rock Sample:

Porosity (%)	2.25
Specific Gravity (g/cm ³)	2.71
Magnetic Susceptibility (SI Units)	19.93
Resistivity Mean (Ohm - m)	148545.09
Resistivity Dev (Ohm - m)	4782.93
IP Response (mV/V)	37.60
IP Response Dev (mV/V)	1.48
Remanent Mag	2703.6204
Water Conductivity (mmohs)	42
Temperature at which specific gravity was measured (C)	18

Notes: Remanent Mag was measured in six directions.

Measured by:

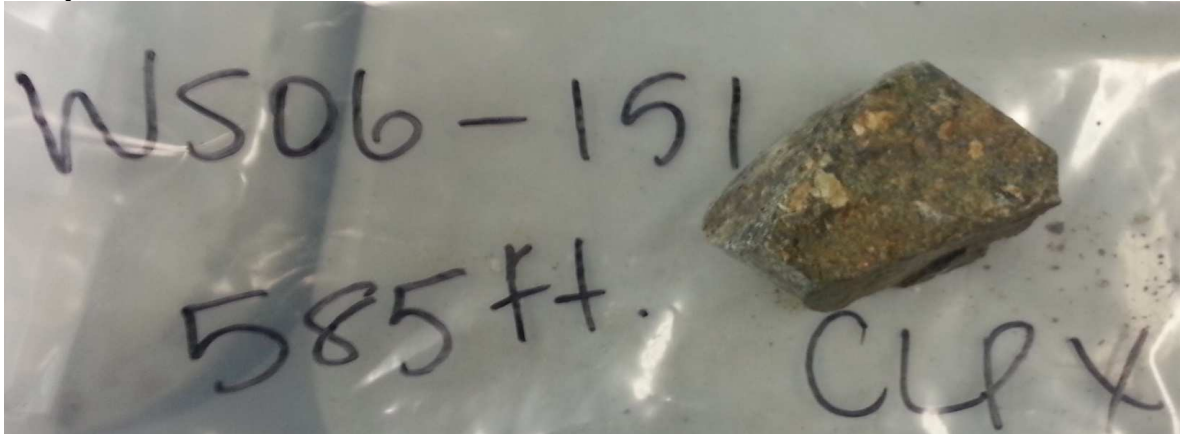
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 28



Rock Sample Description

Rock type	Kluane Ultramafics, Clinopyroxenite,
Comment	WS06-151 at 585 ft

Physical properties of the Rock Sample:

Porosity (%)	2.91
Specific Gravity (g/cm ³)	2.83
Magnetic Susceptibility (SI Units)	6.294
Resistivity Mean (Ohm - m)	2458.90
Resistivity Dev (Ohm - m)	34.38
IP Response (mV/V)	12.19
IP Response Dev (mV/V)	0.66
Remenant Mag	---
Water Conductivity (mmohs)	9
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

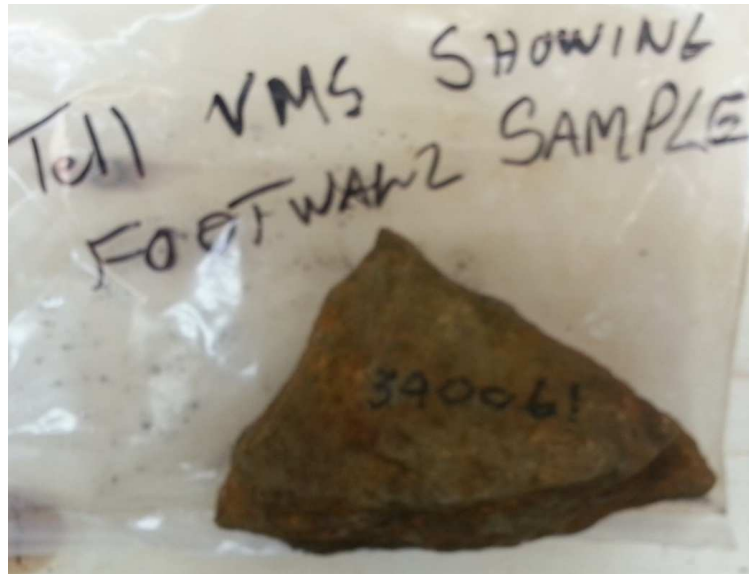
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 29



Rock Sample Description

Rock type	?
Comment	From Tom Morgan, Tell VMS showing footwall sample 390061

Physical properties of the Rock Sample:

Porosity (%)	2.95
Specific Gravity (g/cm3)	3.49
Magnetic Susceptibility (SI Units)	0.069090909
Resistivity Mean (Ohm - m)	4.80
Resistivity Dev (Ohm - m)	0.19
IP Response (mV/V)	105.57
IP Response Dev (mV/V)	1.07
Remenant Mag	---
Water Conductivity (mmohs)	245
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

 Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 30



Rock Sample Description

Rock type	?
Comment	From Tom Morgan, Nunatak Showing Massive sulfide -cu sample 390079

Physical properties of the Rock Sample:

Porosity (%)	2.86
Specific Gravity (g/cm3)	4.41
Magnetic Susceptibility (SI Units)	0.654545455
Resistivity Mean (Ohm - m)	3.02
Resistivity Dev (Ohm - m)	0.02
IP Response (mV/V)	182.63
IP Response Dev (mV/V)	1.34
Remenant Mag	---
Water Conductivity (mmohs)	214
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

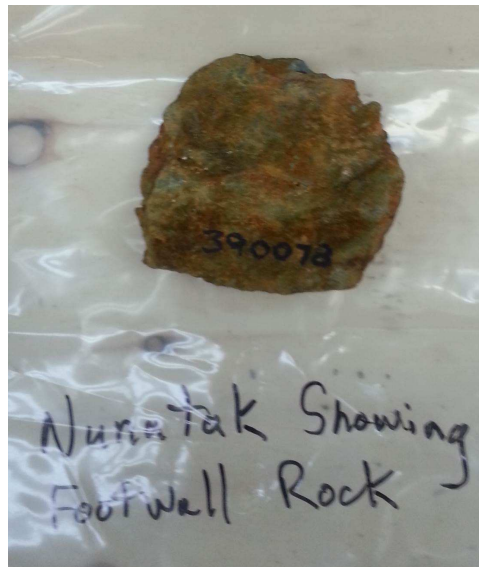
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 31



Rock Sample Description

Rock type	?
Comment	From Tom Morgan, Nunatak Showing Footwall Rock, sample# 390078

Physical properties of the Rock Sample:

Porosity (%)	5.19
Specific Gravity (g/cm ³)	2.78
Magnetic Susceptibility (SI Units)	0.225
Resistivity Mean (Ohm - m)	250.71
Resistivity Dev (Ohm - m)	8.25
IP Response (mV/V)	2.18
IP Response Dev (mV/V)	0.06
Remanent Mag	---
Water Conductivity (mmohs)	29
Temperature at which specific gravity was measured (C)	18

Notes: Remanent Mag was measured in six directions.

Measured by:

Andre Lebel

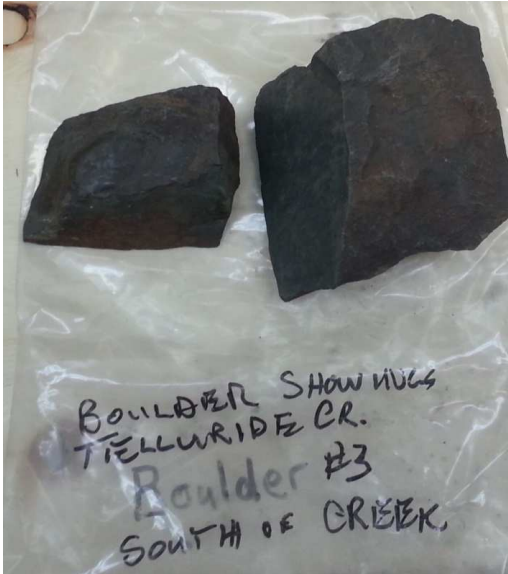
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 32



Rock Sample Description

Rock type	?
Comment	From Tom Morgan, Boulder Showing Telluride Cr., Boulder #3 South of Creek

Physical properties of the Rock Sample:

Porosity (%)	0.77
Specific Gravity (g/cm3)	3.86
Magnetic Susceptibility (SI Units)	0.202
Resistivity Mean (Ohm - m)	---
Resistivity Dev (Ohm - m)	---
IP Response (mV/V)	---
IP Response Dev (mV/V)	---
Remenant Mag	---
Water Conductivity (mmohs)	55
Temperature at which specific gravity was measured (C)	18

Notes: ***TOO CONDUCTIVE

Measured by:

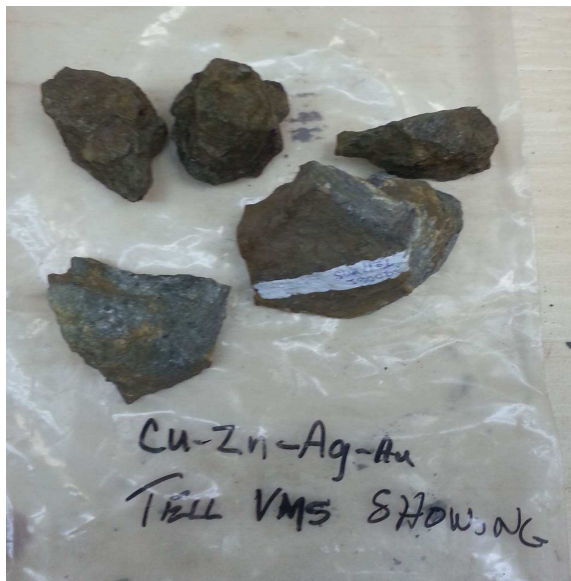
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 33



Rock Sample Description

Rock type	?
Comment	From Tom Morgan Tell VMS showing

Physical properties of the Rock Sample:

Porosity (%)	3.39
Specific Gravity (g/cm ³)	4.06
Magnetic Susceptibility (SI Units)	0.104545455
Resistivity Mean (Ohm - m)	4.85
Resistivity Dev (Ohm - m)	0.08
IP Response (mV/V)	104.00
IP Response Dev (mV/V)	3.95
Remenant Mag	---
Water Conductivity (mmohs)	279
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 34



Rock Sample Description

Rock type	?
Comment	From Tom Morgan, Gabro Dike Margin, 7% Ni Massive sulfide 250 m N of Froberg showing

Physical properties of the Rock Sample:

Porosity (%)	6.92
Specific Gravity (g/cm ³)	2.96
Magnetic Susceptibility (SI Units)	0.054545455
Resistivity Mean (Ohm - m)	19.85
Resistivity Dev (Ohm - m)	0.08
IP Response (mV/V)	121.91
IP Response Dev (mV/V)	3.91
Remanent Mag	---
Water Conductivity (mmohs)	100
Temperature at which specific gravity was measured (C)	18

Notes: Remanent Mag was measured in six directions.

Measured by:

Andre Lebel

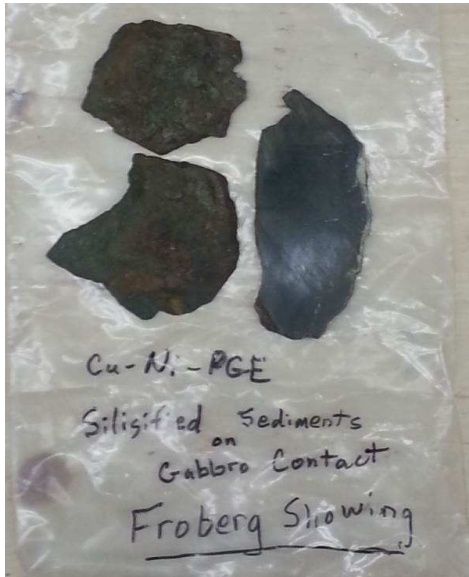
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 35



Rock Sample Description

Rock type	?
Comment	Cu-Ni-PGE Silicified sediments on gabbro contact Froberg Showing

Physical properties of the Rock Sample:

Porosity (%)	0.89
Specific Gravity (g/cm ³)	2.81
Magnetic Susceptibility (SI Units)	0.070909091
Resistivity Mean (Ohm - m)	---
Resistivity Dev (Ohm - m)	---
IP Response (mV/V)	---
IP Response Dev (mV/V)	---
Remenant Mag	---
Water Conductivity (mmohs)	32
Temperature at which specific gravity was measured (C)	18

Notes: ***TOO CONDUCTIVE

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 36



Rock Sample Description

Rock type	?
Comment	Boulder Showings Telluride Cr. , Boulder #1 , VMS Zn-Cu-Ag+ Au Mioplie Cr.

Physical properties of the Rock Sample:

Porosity (%)	7.70
Specific Gravity (g/cm ³)	3.91
Magnetic Susceptibility (SI Units)	0.288181818
Resistivity Mean (Ohm - m)	3.14
Resistivity Dev (Ohm - m)	0.15
IP Response (mV/V)	119.73
IP Response Dev (mV/V)	6.46
Remenant Mag	---
Water Conductivity (mmohs)	56
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

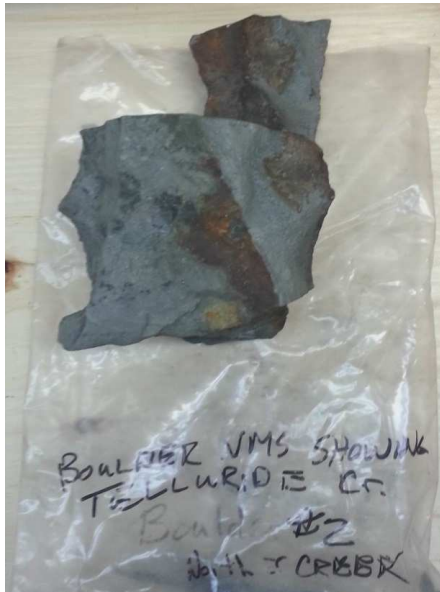
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 37



Rock Sample Description

Rock type	?
Comment	Boulder VMS Showing Telleride Cr. Boulder #2 North of Creek

Physical properties of the Rock Sample:

Porosity (%)	1.48
Specific Gravity (g/cm ³)	4.13
Magnetic Susceptibility (SI Units)	0.035
Resistivity Mean (Ohm - m)	---
Resistivity Dev (Ohm - m)	---
IP Response (mV/V)	---
IP Response Dev (mV/V)	---
Remenant Mag	---
Water Conductivity (mmohs)	96
Temperature at which specific gravity was measured (C)	18

Notes: *** TOO CONDUCTIVE

Measured by:

Andre Lebel

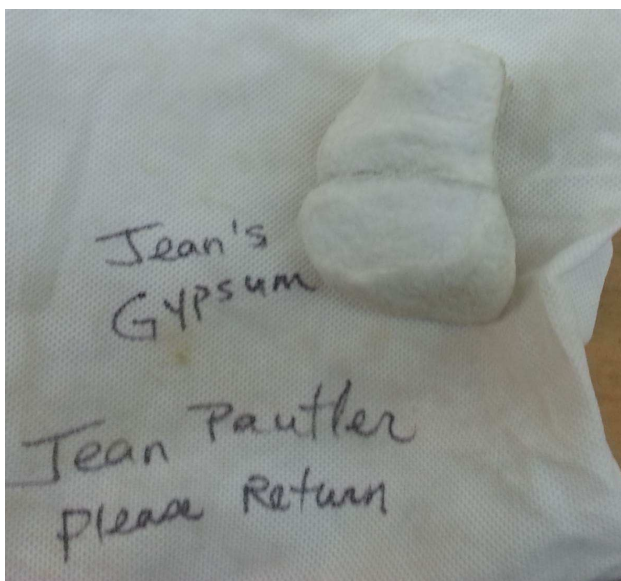
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 38



Rock Sample Description

Rock type	Gypsum
Comment	Jean's Pautler's sample

Physical properties of the Rock Sample:

Porosity (%)	19.66
Specific Gravity (g/cm ³)	2.45
Magnetic Susceptibility (SI Units)	-0.028181818
Resistivity Mean (Ohm - m)	182.03
Resistivity Dev (Ohm - m)	45.42
IP Response (mV/V)	---
IP Response Dev (mV/V)	---
Remenant Mag	---
Water Conductivity (mmohs)	305
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

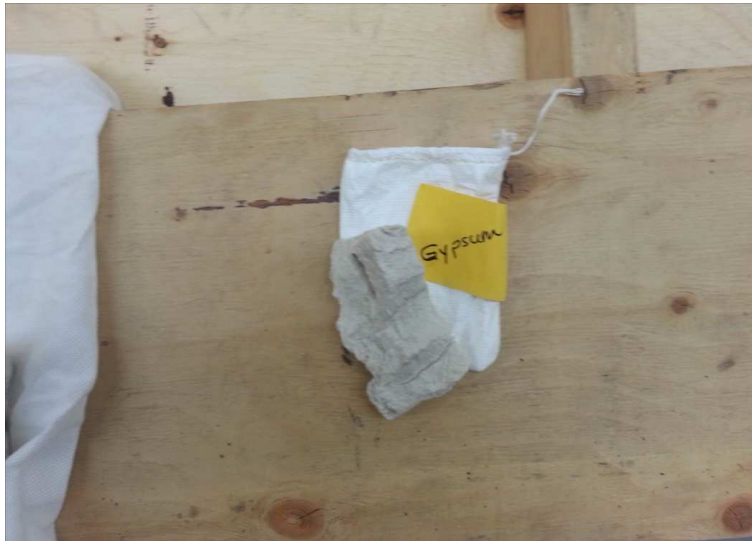
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 39



Rock Sample Description

Rock type	Gypsum
Comment	Jean's Pautler's sample

Physical properties of the Rock Sample:

Porosity (%)	37.60
Specific Gravity (g/cm ³)	1.93
Magnetic Susceptibility (SI Units)	-0.002727273
Resistivity Mean (Ohm - m)	85.07
Resistivity Dev (Ohm - m)	0.54
IP Response (mV/V)	---
IP Response Dev (mV/V)	---
Remenant Mag	---
Water Conductivity (mmohs)	320
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 40



Rock Sample Description

Rock type	?
Comment	Jean's Pautler's sample

Physical properties of the Rock Sample:

Porosity (%)	3.45
Specific Gravity (g/cm ³)	2.77
Magnetic Susceptibility (SI Units)	0.113
Resistivity Mean (Ohm - m)	47.30
Resistivity Dev (Ohm - m)	0.60
IP Response (mV/V)	256.50
IP Response Dev (mV/V)	2.96
Remenant Mag	---
Water Conductivity (mmohs)	121
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 41



Rock Sample Description

Rock type	?
Comment	Jean's Pautler's sample

Physical properties of the Rock Sample:

Porosity (%)	4.18
Specific Gravity (g/cm ³)	2.52
Magnetic Susceptibility (SI Units)	0.034545455
Resistivity Mean (Ohm - m)	152.47
Resistivity Dev (Ohm - m)	1.86
IP Response (mV/V)	8.52
IP Response Dev (mV/V)	0.78
Remenant Mag	---
Water Conductivity (mmohs)	40
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 42



Rock Sample Description

Rock type	?
Comment	Jean's Pautler's sample

Physical properties of the Rock Sample:

Porosity (%)	1.25
Specific Gravity (g/cm ³)	2.91
Magnetic Susceptibility (SI Units)	2.009
Resistivity Mean (Ohm - m)	4507.16
Resistivity Dev (Ohm - m)	381.01
IP Response (mV/V)	19.53
IP Response Dev (mV/V)	1.72
Remenant Mag	---
Water Conductivity (mmohs)	73
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 43



Rock Sample Description

Rock type	?
Comment	Jean's Pautler's sample

Physical properties of the Rock Sample:

Porosity (%)	11.14
Specific Gravity (g/cm ³)	2.49
Magnetic Susceptibility (SI Units)	0.002
Resistivity Mean (Ohm - m)	142.15
Resistivity Dev (Ohm - m)	2.24
IP Response (mV/V)	7.10
IP Response Dev (mV/V)	0.29
Remenant Mag	---
Water Conductivity (mmohs)	40
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 44



Rock Sample Description

Rock type	?
Comment	Jean's Pautler's sample

Physical properties of the Rock Sample:

Porosity (%)	2.85
Specific Gravity (g/cm ³)	2.65
Magnetic Susceptibility (SI Units)	-0.005
Resistivity Mean (Ohm - m)	171.86
Resistivity Dev (Ohm - m)	7.39
IP Response (mV/V)	0.94
IP Response Dev (mV/V)	0.03
Remenant Mag	---
Water Conductivity (mmohs)	27
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

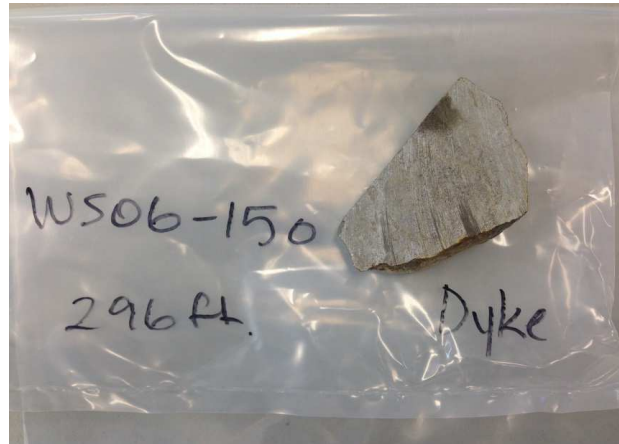
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 45



Rock Sample Description

Rock type	Dyke (Chilled Gabbro)
Comment	WS06-150 @ 296ft

Physical properties of the Rock Sample:

Porosity (%)	3.39
Specific Gravity (g/cm ³)	3.14
Magnetic Susceptibility (SI Units)	0.155
Resistivity Mean (Ohm - m)	738.17
Resistivity Dev (Ohm - m)	76.14
IP Response (mV/V)	0.75
IP Response Dev (mV/V)	0.13
Remenant Mag	3.6430
Water Conductivity (mmohs)	26
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 46



Rock Sample Description

Rock type	Quartzite
Comment	WS06-151 @ 247m

Physical properties of the Rock Sample:

Porosity (%)	0.96
Specific Gravity (g/cm ³)	2.69
Magnetic Susceptibility (SI Units)	0.085
Resistivity Mean (Ohm - m)	2602.61
Resistivity Dev (Ohm - m)	566.14
IP Response (mV/V)	7.98
IP Response Dev (mV/V)	2.84
Remenant Mag	1.6395
Water Conductivity (mmohs)	39
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 47



Rock Sample Description

Rock type	Quartzite
Comment	WS06-147 @ 331ft

Physical properties of the Rock Sample:

Porosity (%)	0.97
Specific Gravity (g/cm ³)	2.83
Magnetic Susceptibility (SI Units)	0.036
Resistivity Mean (Ohm - m)	1521.31
Resistivity Dev (Ohm - m)	68.08
IP Response (mV/V)	2.60
IP Response Dev (mV/V)	0.10
Remenant Mag	---
Water Conductivity (mmohs)	80
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 48



Rock Sample Description

Rock type	Quartzite
Comment	WS08-161 @ 445ft

Physical properties of the Rock Sample:

Porosity (%)	0.32
Specific Gravity (g/cm ³)	2.70
Magnetic Susceptibility (SI Units)	0.13
Resistivity Mean (Ohm - m)	3116.40
Resistivity Dev (Ohm - m)	156.95
IP Response (mV/V)	0.49
IP Response Dev (mV/V)	0.27
Remenant Mag	---
Water Conductivity (mmohs)	51
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

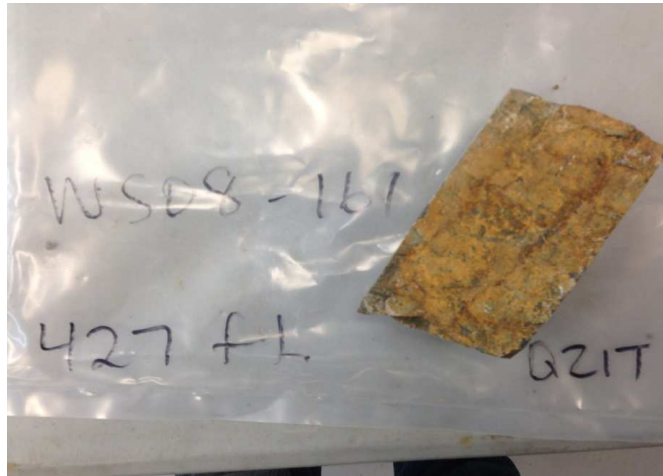
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 49



Rock Sample Description

Rock type	Quartzite
Comment	WS08-161 @ 427ft

Physical properties of the Rock Sample:

Porosity (%)	0.79
Specific Gravity (g/cm ³)	2.81
Magnetic Susceptibility (SI Units)	0.034
Resistivity Mean (Ohm - m)	5005.29
Resistivity Dev (Ohm - m)	1519.88
IP Response (mV/V)	2.71
IP Response Dev (mV/V)	0.58
Remenant Mag	---
Water Conductivity (mmohs)	16
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 50



Rock Sample Description

Rock type	Dunite
Comment	WS09-176 @ 272ft

Physical properties of the Rock Sample:

Porosity (%)	1.35
Specific Gravity (g/cm ³)	2.76
Magnetic Susceptibility (SI Units)	28.98
Resistivity Mean (Ohm - m)	---
Resistivity Dev (Ohm - m)	---
IP Response (mV/V)	---
IP Response Dev (mV/V)	---
Remenant Mag	---
Water Conductivity (mmohs)	8
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.
 Could not measure Resistivity or IP Response.

Measured by:

 Andre Lebel

 February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 51



Rock Sample Description

Rock type	Dunite
Comment	WS09-176 @ 22ft

Physical properties of the Rock Sample:

Porosity (%)	1.37
Specific Gravity (g/cm ³)	2.73
Magnetic Susceptibility (SI Units)	30.76
Resistivity Mean (Ohm - m)	111.13
Resistivity Dev (Ohm - m)	4.01
IP Response (mV/V)	---
IP Response Dev (mV/V)	---
Remenant Mag	5416.8755
Water Conductivity (mmohs)	10
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 52



Rock Sample Description

Rock type	Dunite
Comment	WS09-176 @ 46ft

Physical properties of the Rock Sample:

Porosity (%)	1.27
Specific Gravity (g/cm ³)	2.78
Magnetic Susceptibility (SI Units)	27.49
Resistivity Mean (Ohm - m)	3040.96
Resistivity Dev (Ohm - m)	133.74
IP Response (mV/V)	181.12
IP Response Dev (mV/V)	15.90
Remenant Mag	---
Water Conductivity (mmohs)	37
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 53



Rock Sample Description

Rock type	Gabbro
Comment	WS08-156 @ 296ft

Physical properties of the Rock Sample:

Porosity (%)	2.56
Specific Gravity (g/cm ³)	3.44
Magnetic Susceptibility (SI Units)	-0.018
Resistivity Mean (Ohm - m)	351.30
Resistivity Dev (Ohm - m)	8.50
IP Response (mV/V)	5.00
IP Response Dev (mV/V)	0.35
Remenant Mag	---
Water Conductivity (mmohs)	8
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

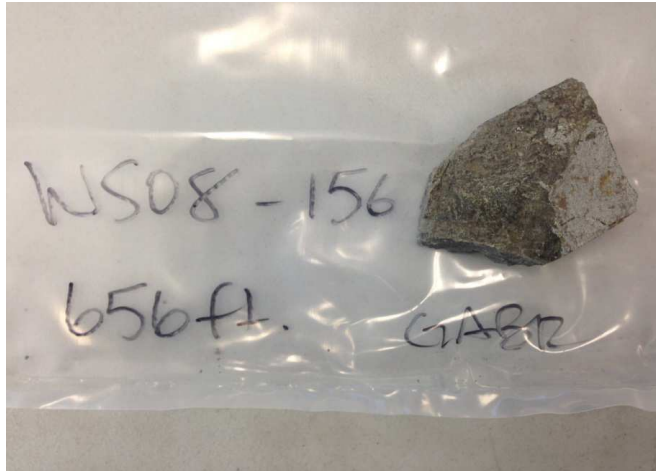
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 54



Rock Sample Description

Rock type	Gabbro
Comment	WS08-156 @ 656ft

Physical properties of the Rock Sample:

Porosity (%)	2.16
Specific Gravity (g/cm ³)	3.16
Magnetic Susceptibility (SI Units)	2.139
Resistivity Mean (Ohm - m)	7.72
Resistivity Dev (Ohm - m)	0.34
IP Response (mV/V)	171.07
IP Response Dev (mV/V)	19.92
Remenant Mag	---
Water Conductivity (mmohs)	36
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 55



Rock Sample Description

Rock type	Gabbro
Comment	WS08-148 @ 547ft

Physical properties of the Rock Sample:

Porosity (%)	1.39
Specific Gravity (g/cm ³)	3.12
Magnetic Susceptibility (SI Units)	6.269
Resistivity Mean (Ohm - m)	1936.68
Resistivity Dev (Ohm - m)	132.45
IP Response (mV/V)	25.57
IP Response Dev (mV/V)	0.06
Remenant Mag	744.7301
Water Conductivity (mmohs)	29
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

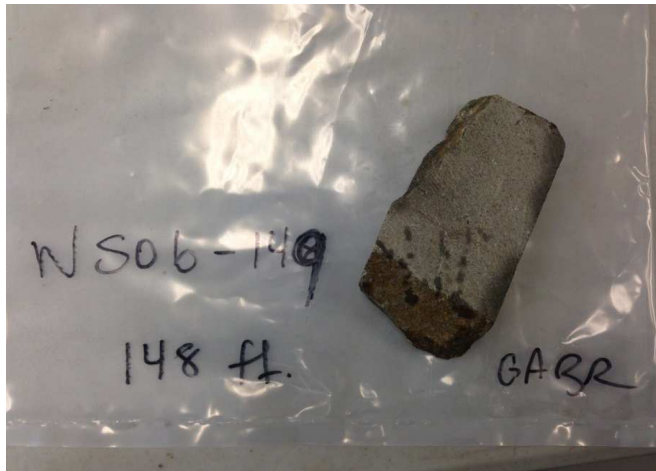
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 56



Rock Sample Description

Rock type	Gabbro
Comment	WS06-149 @ 148ft

Physical properties of the Rock Sample:

Porosity (%)	3.78
Specific Gravity (g/cm ³)	3.21
Magnetic Susceptibility (SI Units)	0.25
Resistivity Mean (Ohm - m)	1194.61
Resistivity Dev (Ohm - m)	96.90
IP Response (mV/V)	67.43
IP Response Dev (mV/V)	2.73
Remenant Mag	---
Water Conductivity (mmohs)	71
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

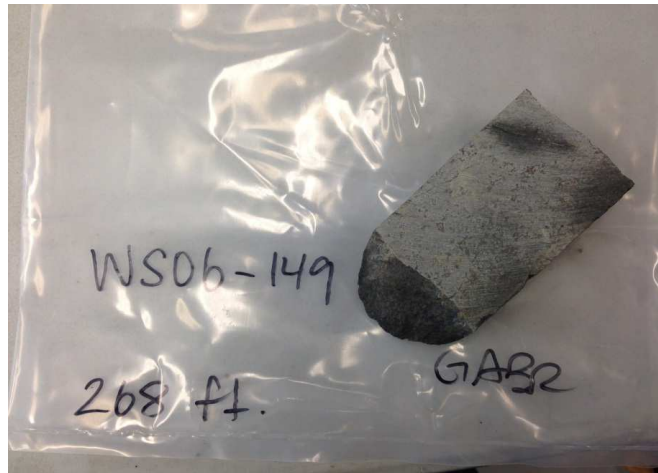
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 57



Rock Sample Description

Rock type	Gabbro
Comment	WS06-149 @ 268ft

Physical properties of the Rock Sample:

Porosity (%)	1.16
Specific Gravity (g/cm ³)	3.09
Magnetic Susceptibility (SI Units)	2.208
Resistivity Mean (Ohm - m)	10.14
Resistivity Dev (Ohm - m)	0.90
IP Response (mV/V)	191.37
IP Response Dev (mV/V)	1.96
Remenant Mag	---
Water Conductivity (mmohs)	32
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

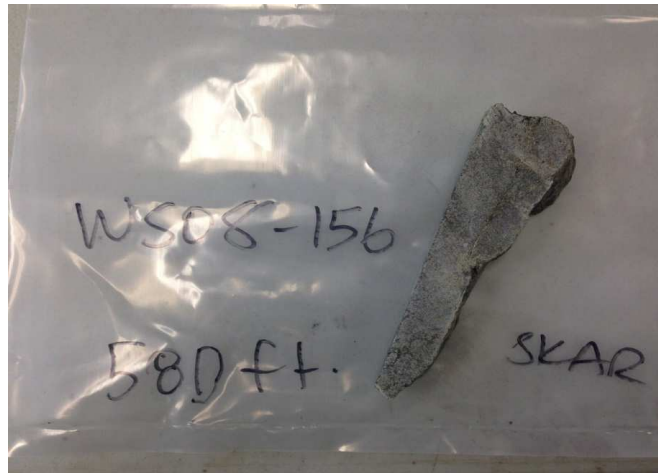
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 58



Rock Sample Description

Rock type	Skarn
Comment	WS08-156 @ 580ft

Physical properties of the Rock Sample:

Porosity (%)	2.46
Specific Gravity (g/cm ³)	3.09
Magnetic Susceptibility (SI Units)	1.995
Resistivity Mean (Ohm - m)	85.35
Resistivity Dev (Ohm - m)	2.15
IP Response (mV/V)	121.37
IP Response Dev (mV/V)	2.48
Remenant Mag	---
Water Conductivity (mmohs)	40
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

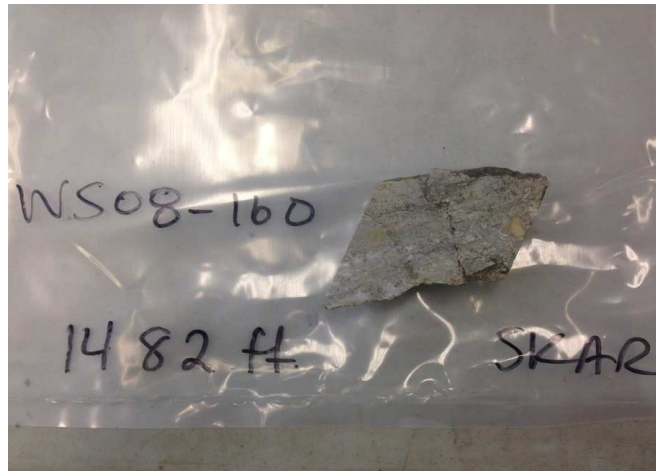
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 59



Rock Sample Description

Rock type	Skarn
Comment	WS08-160 @ 1482ft

Physical properties of the Rock Sample:

Porosity (%)	5.36
Specific Gravity (g/cm ³)	2.83
Magnetic Susceptibility (SI Units)	-0.554
Resistivity Mean (Ohm - m)	642.32
Resistivity Dev (Ohm - m)	16.63
IP Response (mV/V)	45.33
IP Response Dev (mV/V)	0.60
Remenant Mag	2.8653
Water Conductivity (mmohs)	105
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

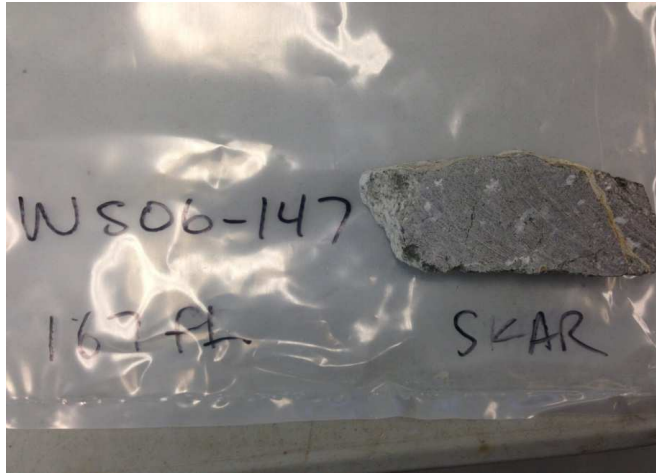
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 60



Rock Sample Description

Rock type	Skarn
Comment	WS08-147 @ 167ft

Physical properties of the Rock Sample:

Porosity (%)	1.75
Specific Gravity (g/cm ³)	3.18
Magnetic Susceptibility (SI Units)	-0.088
Resistivity Mean (Ohm - m)	1439.02
Resistivity Dev (Ohm - m)	138.27
IP Response (mV/V)	6.63
IP Response Dev (mV/V)	0.15
Remenant Mag	---
Water Conductivity (mmohs)	54
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

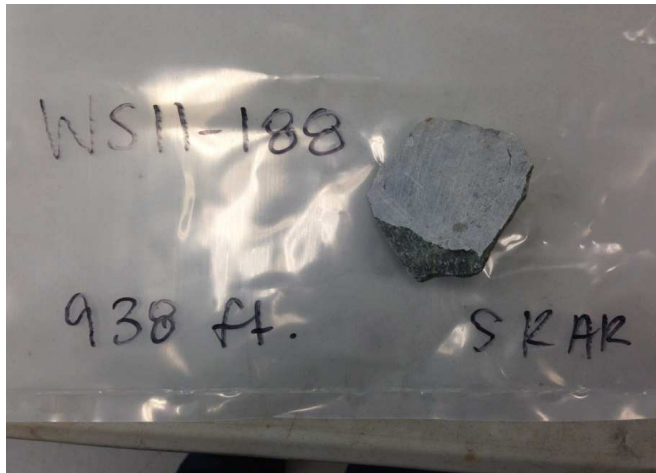
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 61



Rock Sample Description

Rock type	Skarn
Comment	WS11-188 @ 938ft

Physical properties of the Rock Sample:

Porosity (%)	1.19
Specific Gravity (g/cm ³)	3.30
Magnetic Susceptibility (SI Units)	-0.258
Resistivity Mean (Ohm - m)	23892.31
Resistivity Dev (Ohm - m)	1842.85
IP Response (mV/V)	27.90
IP Response Dev (mV/V)	0.53
Remenant Mag	---
Water Conductivity (mmohs)	16
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

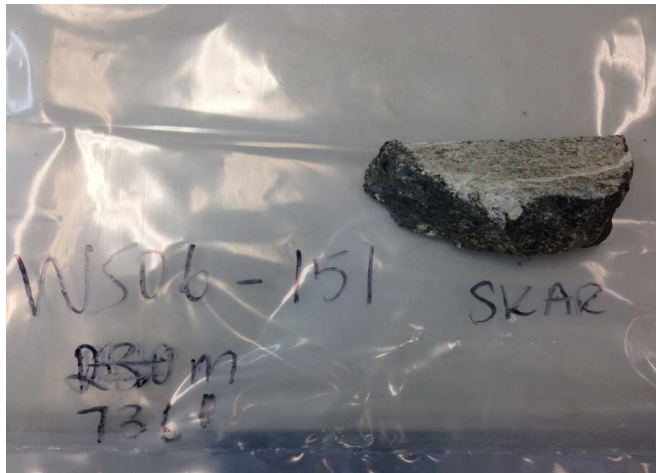
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 62



Rock Sample Description

Rock type	Skarn
Comment	WS06-151 @ 736m

Physical properties of the Rock Sample:

Porosity (%)	3.79
Specific Gravity (g/cm ³)	2.86
Magnetic Susceptibility (SI Units)	-0.001
Resistivity Mean (Ohm - m)	170.17
Resistivity Dev (Ohm - m)	4.72
IP Response (mV/V)	3.53
IP Response Dev (mV/V)	0.06
Remanent Mag	---
Water Conductivity (mmohs)	37
Temperature at which specific gravity was measured (C)	18

Notes: Remanent Mag was measured in six directions.

Measured by:

Andre Lebel

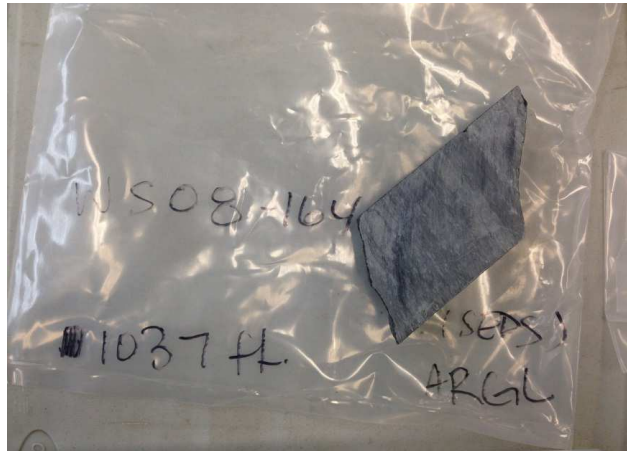
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 67



Rock Sample Description

Rock type	Argillite
Comment	WS08-164 @ 1037ft

Physical properties of the Rock Sample:

Porosity (%)	1.13
Specific Gravity (g/cm ³)	2.79
Magnetic Susceptibility (SI Units)	0.212
Resistivity Mean (Ohm - m)	1355.75
Resistivity Dev (Ohm - m)	71.75
IP Response (mV/V)	4.40
IP Response Dev (mV/V)	0.10
Remenant Mag	---
Water Conductivity (mmohs)	106
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

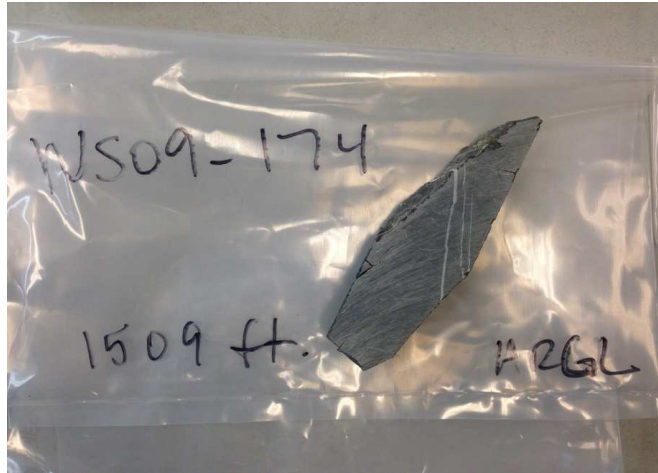
February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 68



Rock Sample Description

Rock type	Argillite
Comment	WS09-174 @ 1509ft

Physical properties of the Rock Sample:

Porosity (%)	0.49
Specific Gravity (g/cm ³)	2.76
Magnetic Susceptibility (SI Units)	0.068
Resistivity Mean (Ohm - m)	1607.34
Resistivity Dev (Ohm - m)	65.00
IP Response (mV/V)	8.97
IP Response Dev (mV/V)	0.81
Remenant Mag	34.8401
Water Conductivity (mmohs)	35
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

 Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 69



Rock Sample Description

Rock type	Argillite
Comment	WS09-174 @ 1495ft

Physical properties of the Rock Sample:

Porosity (%)	2.77
Specific Gravity (g/cm ³)	2.71
Magnetic Susceptibility (SI Units)	0.243
Resistivity Mean (Ohm - m)	989.28
Resistivity Dev (Ohm - m)	43.65
IP Response (mV/V)	88.92
IP Response Dev (mV/V)	0.60
Remenant Mag	---
Water Conductivity (mmohs)	38
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

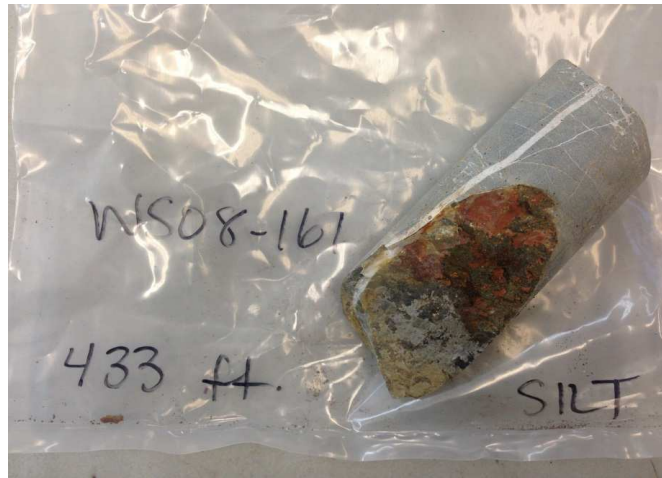
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: 70



Rock Sample Description

Rock type	Siltstone
Comment	WS08-161 @ 433ft

Physical properties of the Rock Sample:

Porosity (%)	1.01
Specific Gravity (g/cm ³)	2.71
Magnetic Susceptibility (SI Units)	0.036
Resistivity Mean (Ohm - m)	13628.57
Resistivity Dev (Ohm - m)	874.16
IP Response (mV/V)	4.95
IP Response Dev (mV/V)	0.09
Remenant Mag	0.6175
Water Conductivity (mmohs)	111
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

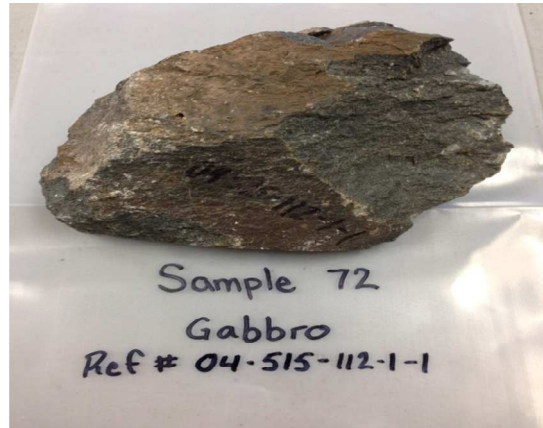
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 72



Rock Sample Description

Rock type	Gabbro
Comment	04-515-112-1-1

Physical properties of the Rock Sample:

Porosity (%)	0.82
Specific Gravity (g/cm ³)	2.86
Magnetic Susceptibility (SI Units)	0.866
Resistivity Mean (Ohm - m)	170.52
Resistivity Dev (Ohm - m)	19.72
IP Response (mV/V)	2.52
IP Response Dev (mV/V)	0.25
Remenant Mag	---
Water Conductivity (mmohs)	43
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

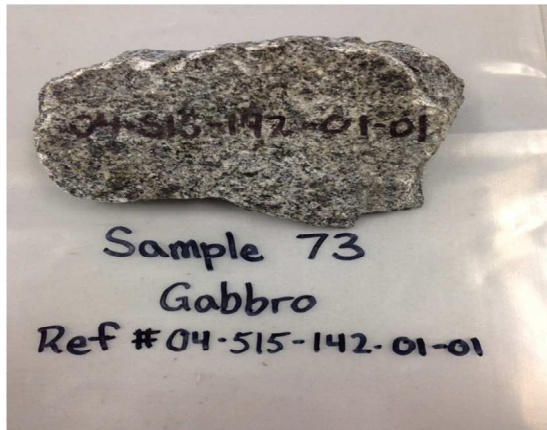
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 73



Rock Sample Description

Rock type	Gabbro
Comment	04-515-142-01-01

Physical properties of the Rock Sample:

Porosity (%)	0.92
Specific Gravity (g/cm ³)	2.92
Magnetic Susceptibility (SI Units)	72.35
Resistivity Mean (Ohm - m)	7974.29
Resistivity Dev (Ohm - m)	85.05
IP Response (mV/V)	22.36
IP Response Dev (mV/V)	0.11
Remenant Mag	---
Water Conductivity (mmohs)	7
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

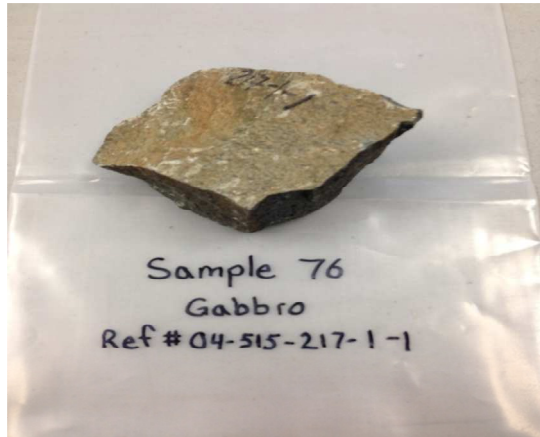
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 76



Rock Sample Description

Rock type	Gabbro
Comment	04-515-217-1-1

Physical properties of the Rock Sample:

Porosity (%)	2.16
Specific Gravity (g/cm ³)	2.92
Magnetic Susceptibility (SI Units)	0.717
Resistivity Mean (Ohm - m)	5112.03
Resistivity Dev (Ohm - m)	420.22
IP Response (mV/V)	0.28
IP Response Dev (mV/V)	1.27
Remenant Mag	---
Water Conductivity (mmohs)	37
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 80



Rock Sample Description

Rock type	Nikolai
Comment	05-51-040-1

Physical properties of the Rock Sample:

Porosity (%)	2.85
Specific Gravity (g/cm ³)	2.77
Magnetic Susceptibility (SI Units)	34.32
Resistivity Mean (Ohm - m)	32598.67
Resistivity Dev (Ohm - m)	413.23
IP Response (mV/V)	2.13
IP Response Dev (mV/V)	0.08
Remenant Mag	---
Water Conductivity (mmohs)	18
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

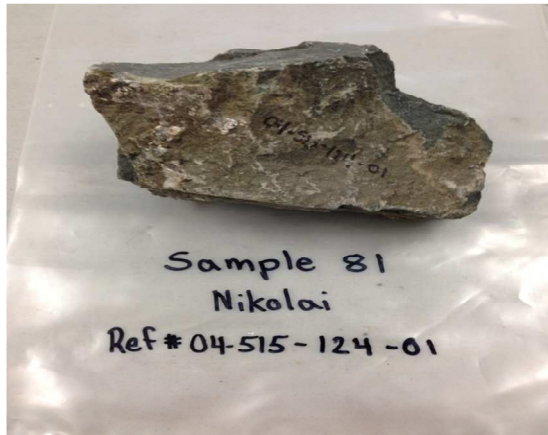
Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 81



Rock Sample Description

Rock type	Nikolai
Comment	04-515-124-01

Physical properties of the Rock Sample:

Porosity (%)	1.74
Specific Gravity (g/cm ³)	2.80
Magnetic Susceptibility (SI Units)	6.796
Resistivity Mean (Ohm - m)	2144.65
Resistivity Dev (Ohm - m)	267.39
IP Response (mV/V)	6.33
IP Response Dev (mV/V)	0.22
Remenant Mag	---
Water Conductivity (mmohs)	27
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 83



Rock Sample Description

Rock type	Nikolai
Comment	04-515-136-1

Physical properties of the Rock Sample:

Porosity (%)	1.75
Specific Gravity (g/cm ³)	3.07
Magnetic Susceptibility (SI Units)	7.268
Resistivity Mean (Ohm - m)	2540.16
Resistivity Dev (Ohm - m)	16.65
IP Response (mV/V)	2.13
IP Response Dev (mV/V)	0.19
Remenant Mag	---
Water Conductivity (mmohs)	7
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 85



Rock Sample Description

Rock type	Nikolai
Comment	04-515-157-1-1

Physical properties of the Rock Sample:

Porosity (%)	0.37
Specific Gravity (g/cm ³)	2.87
Magnetic Susceptibility (SI Units)	0.383
Resistivity Mean (Ohm - m)	27601.32
Resistivity Dev (Ohm - m)	253.41
IP Response (mV/V)	0.88
IP Response Dev (mV/V)	0.36
Remenant Mag	---
Water Conductivity (mmohs)	18
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date

PHYSICAL PROPERTY LAB REPORT

Sample #: 86



Rock Sample Description

Rock type	Nikolai
Comment	04-515-169-1

Physical properties of the Rock Sample:

Porosity (%)	1.65
Specific Gravity (g/cm ³)	2.92
Magnetic Susceptibility (SI Units)	11.768
Resistivity Mean (Ohm - m)	5978.27
Resistivity Dev (Ohm - m)	114.69
IP Response (mV/V)	7.78
IP Response Dev (mV/V)	0.24
Remenant Mag	---
Water Conductivity (mmohs)	9
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: K 74



Rock Sample Description

Rock type	?
Comment	rock cube sample K74

Physical properties of the Rock Sample:

Porosity (%)	2.68
Specific Gravity (g/cm ³)	3.81
Magnetic Susceptibility (SI Units)	0.095
Resistivity Mean (Ohm - m)	20.56
Resistivity Dev (Ohm - m)	8.58
IP Response (mV/V)	13.01
IP Response Dev (mV/V)	10.05
Remenant Mag	465.8563
Water Conductivity (mmohs)	120
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

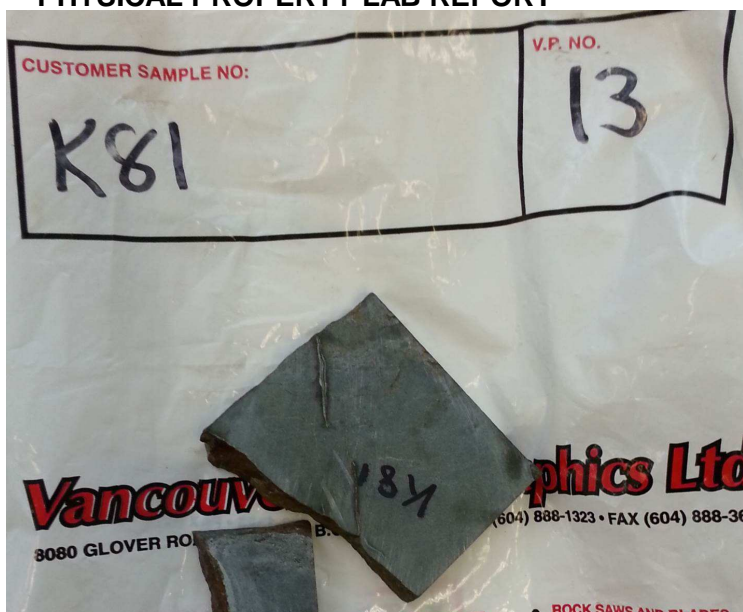
Date



AURORA GEOSCIENCES

PHYSICAL PROPERTY LAB REPORT

Sample #: K 81



Rock Sample Description

Rock type	?
Comment	rock cube sample K81

Physical properties of the Rock Sample:

Porosity (%)	0.41
Specific Gravity (g/cm3)	2.85
Magnetic Susceptibility (SI Units)	0.15
Resistivity Mean (Ohm - m)	82.98
Resistivity Dev (Ohm - m)	0.33
IP Response (mV/V)	---
IP Response Dev (mV/V)	---
Remenant Mag	6.1217
Water Conductivity (mmohs)	25
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.
Could not measure IP Response.

Measured by:

Andre Lebel

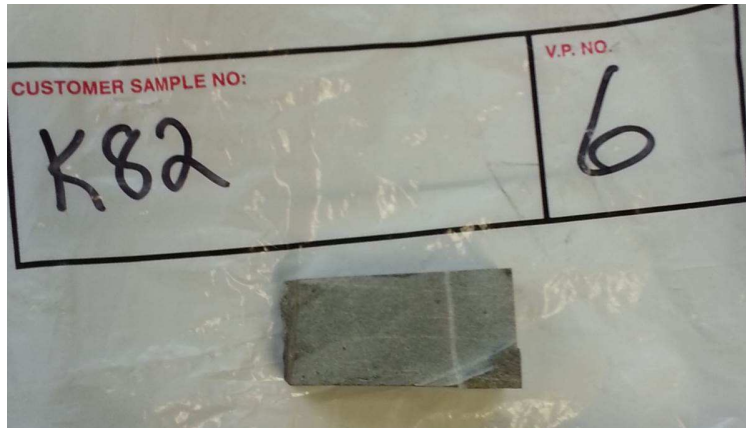
February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: K 82



Rock Sample Description

Rock type	?
Comment	rock cube sample K82

Physical properties of the Rock Sample:

Porosity (%)	1.44
Specific Gravity (g/cm ³)	2.76
Magnetic Susceptibility (SI Units)	0.094
Resistivity Mean (Ohm - m)	2042.32
Resistivity Dev (Ohm - m)	37.02
IP Response (mV/V)	6.30
IP Response Dev (mV/V)	0.26
Remenant Mag	3.8809
Water Conductivity (mmohs)	29
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: K 83



Rock Sample Description

Rock type	?
Comment	rock cube sample K83

Physical properties of the Rock Sample:

Porosity (%)	0.71
Specific Gravity (g/cm ³)	2.94
Magnetic Susceptibility (SI Units)	0.127
Resistivity Mean (Ohm - m)	1463.36
Resistivity Dev (Ohm - m)	27.13
IP Response (mV/V)	3.90
IP Response Dev (mV/V)	0.20
Remenant Mag	7.3215
Water Conductivity (mmohs)	7
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

February 3, 2014

Date



PHYSICAL PROPERTY LAB REPORT

Sample #: K 85



Rock Sample Description

Rock type	?
Comment	rock cube sample K85

Physical properties of the Rock Sample:

Porosity (%)	4.13
Specific Gravity (g/cm ³)	4.24
Magnetic Susceptibility (SI Units)	0.636
Resistivity Mean (Ohm - m)	5.95
Resistivity Dev (Ohm - m)	0.10
IP Response (mV/V)	153.20
IP Response Dev (mV/V)	0.61
Remenant Mag	258.4787
Water Conductivity (mmohs)	364
Temperature at which specific gravity was measured (C)	18

Notes: Remenant Mag was measured in six directions.

Measured by:

Andre Lebel

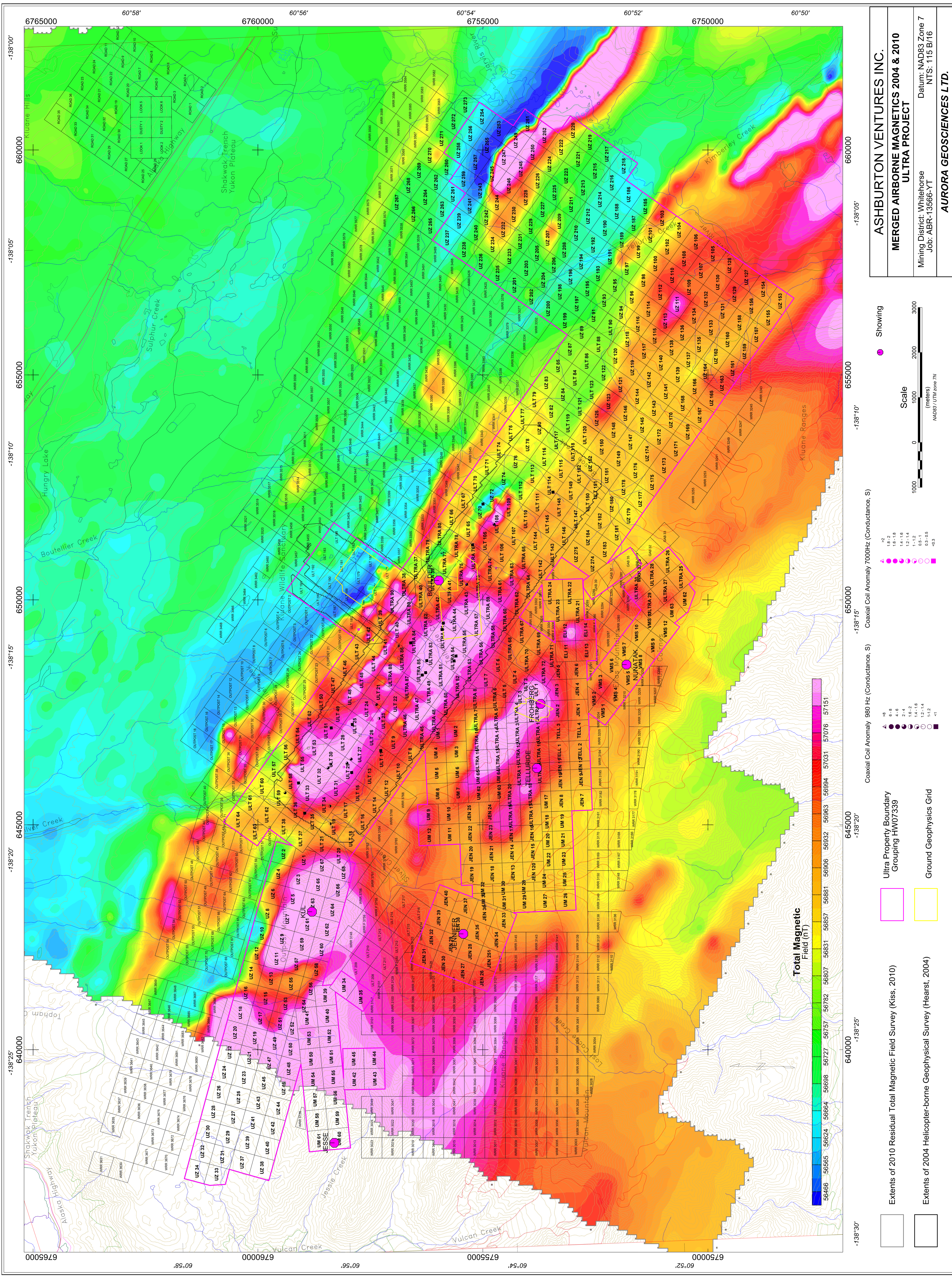
February 3, 2014

Date

Appendix IV

Claim Summary Data

District	Regulation Type	Claim Name	Claim Number	Grant Number	Claim Owner	Recording Date	Expiry Date	Status	NTS Sheet	Non Standard Size
Whitehorse	Quartz	ULTRA	37	YC19098	Vern Matkovich - 100.	12/02/2001 9:00	2019/02/12	Active	115B16	
Whitehorse	Quartz	ULTRA	39	YC19100	Vern Matkovich - 100.	12/02/2001 9:00	2019/02/12	Active	115B16	
Whitehorse	Quartz	ULTRA	43	YC19104	Vern Matkovich - 100.	12/02/2001 9:00	2019/02/12	Active	115B16	
Whitehorse	Quartz	ULTRA	44	YC19105	Vern Matkovich - 100.	12/02/2001 9:00	2019/02/12	Active	115B16	
Whitehorse	Quartz	ULTRA	53	YC19114	Tom Morgan - 100.	12/02/2001 9:00	2019/02/12	Active	115B16	
Whitehorse	Quartz	ULTRA	54	YC19115	Tom Morgan - 100.	12/02/2001 9:00	2019/02/12	Active	115B16	
Whitehorse	Quartz	ULTRA	55	YC19116	Tom Morgan - 100.	12/02/2001 9:00	2019/02/12	Active	115B16	
Whitehorse	Quartz	ULTRA	57	YC19118	Tom Morgan - 100.	12/02/2001 9:00	2019/02/12	Active	115B16	
Whitehorse	Quartz	ULTRA	12	YC19012	Tom Morgan - 100.	07/12/2000 9:00	2019/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	13	YC19013	Tom Morgan - 100.	07/12/2000 9:00	2019/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	2	YC19002	Tom Morgan - 100.	07/12/2000 9:00	2020/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	6	YC19006	Tom Morgan - 100.	07/12/2000 9:00	2020/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	9	YC19009	Tom Morgan - 100.	07/12/2000 9:00	2020/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	1	YC19001	Tom Morgan - 100.	07/12/2000 9:00	2021/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	3	YC19003	Tom Morgan - 100.	07/12/2000 9:00	2021/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	4	YC19004	Tom Morgan - 100.	07/12/2000 9:00	2021/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	5	YC19005	Tom Morgan - 100.	07/12/2000 9:00	2021/12/07	Active	115B16	
Whitehorse	Quartz	ULTRA	14	YC19014	Tom Morgan - 100.	07/12/2000 9:00	2021/12/07	Active	115B16	
Whitehorse	Quartz	ULT	1	YC19376	Tom Morgan - 100.	14/09/2001 9:00	2022/09/14	Active	115B16	

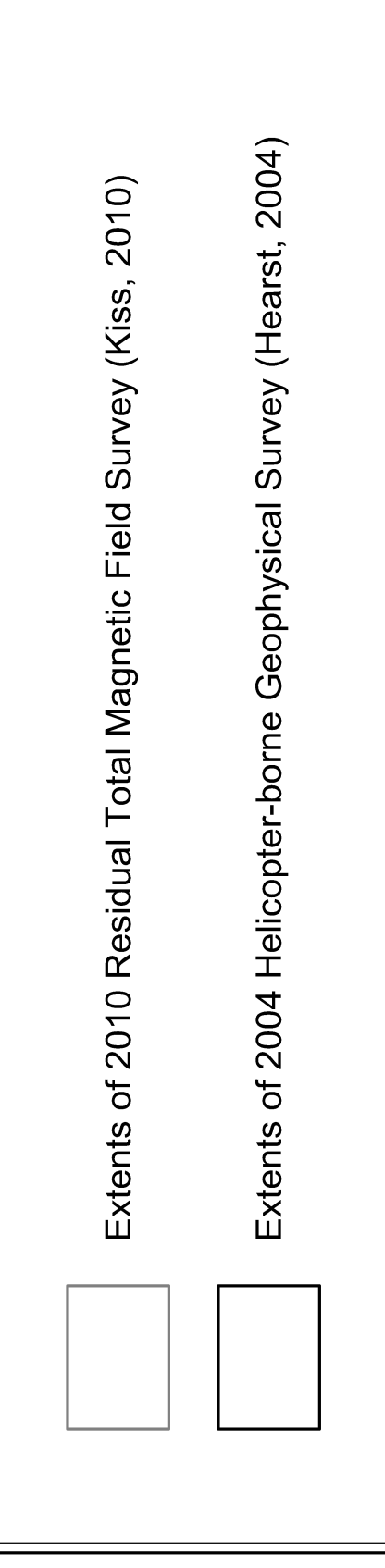
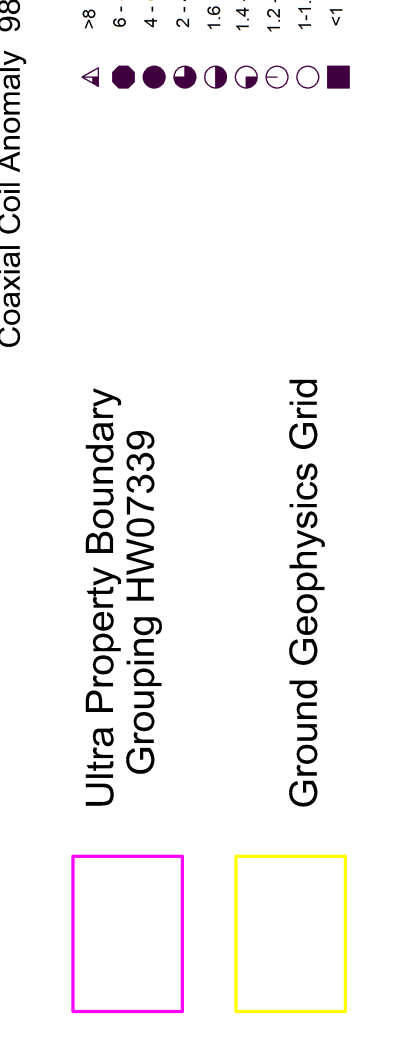
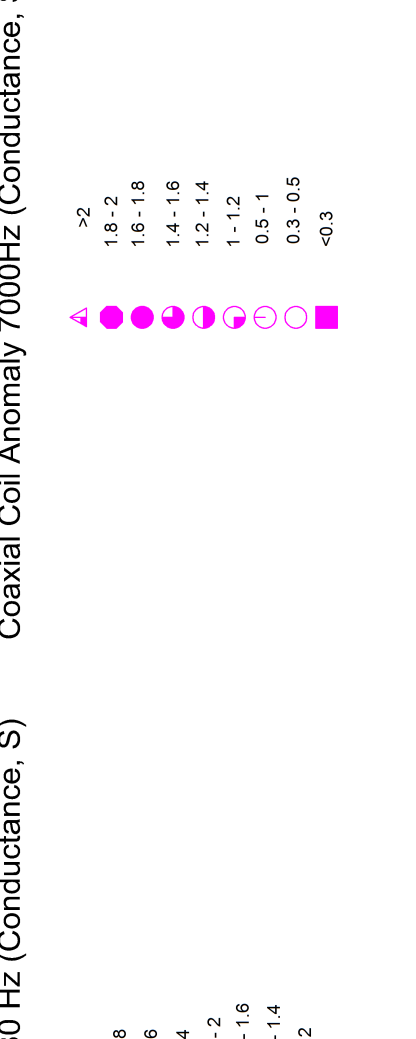
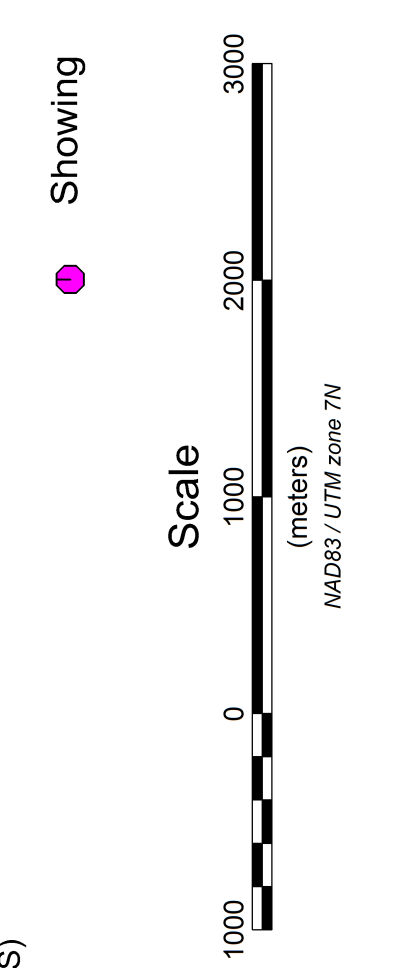


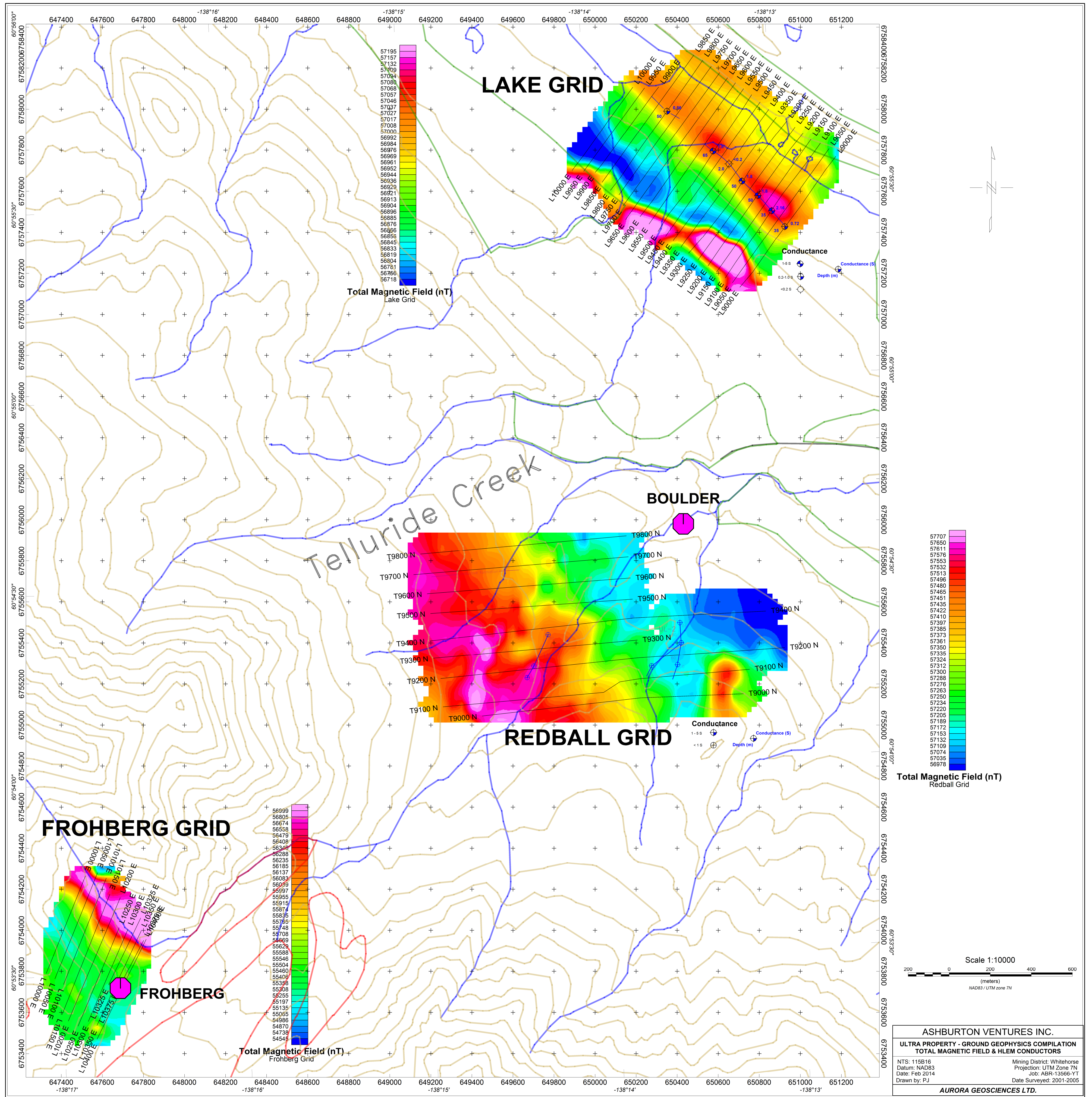
ASHBURTON VENTURES INC.
MERGED AIRBORNE MAGNETICS 2004 & 2010
ULTRA PROJECT

Mining District: Whitehorse
 Job: ABR-13566-VT

Datum: NAD83 Zone 7
 NTS: 115 B/16

AURORA GEOSCIENCES LTD.





LAKE GRID

Total Magnetic Field (nT)
Lake Grid

BOULDER

REDBALL GRID

Total Magnetic Field (nT)
Redball Grid

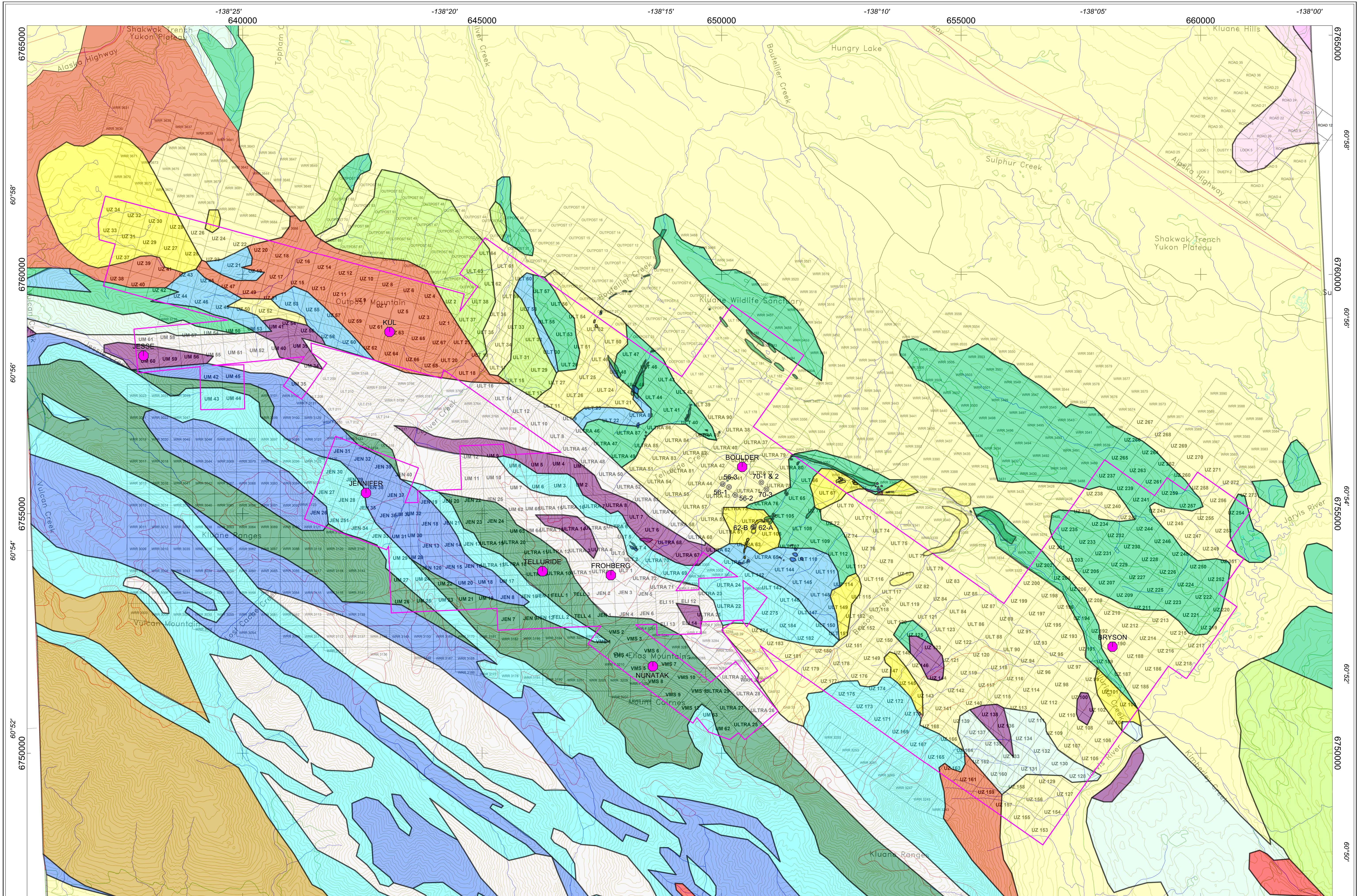
FROBERG GRID

FROBERG

Total Magnetic Field (nT)
Froberg Grid

Scale 1:10000
(meters)
NAD83 / UTM zone 11N

ASHBURTON VENTURES INC.
 ULTRA PROPERTY - GROUND GEOPHYSICS COMPILATION
 TOTAL MAGNETIC FIELD & HLEM CONDUCTORS
 NTS: 115B16 Mining District: Whitehorse
 Datum: NAD83 Projection: UTM Zone 11N
 Date: Feb 2014 Job: ASR-13566-1
 Drawn by: PJ Date Surveyed: 2001-2005
AURORA GEOSCIENCES LTD.



LEGEND

Quaternary sand and gravel	Clatsop Formation
Miocene to Pliocene	Kluane Ultramafic Suite - mafic to ultramafic intrusions
Amphibolite Formation - sandstone, conglomerate, siltstone, mudstone	Silurian and Devonian
Paleocene to Oligocene	Bullion Group - limestone, marble and minor argillites
Wrangell Lavas - mafic to felsic volcanic rocks	
Upper Triassic	
Nocell Group - basalt to andesite flows	
Late Triassic	
Kluane Ultramafic Suite - mafic to ultramafic intrusions	
Silurian and Devonian	
Bullion Group - limestone, marble and minor argillites	

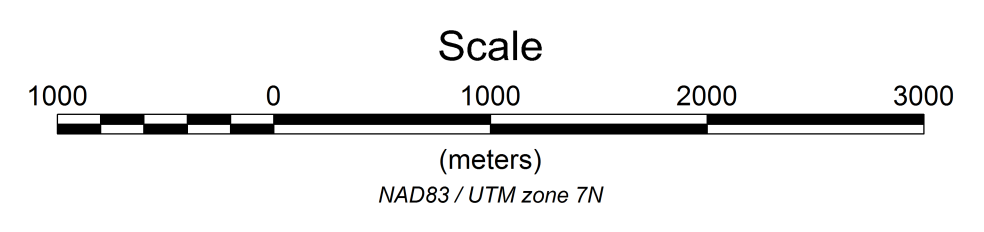
Taken from: (Gordy, 1999) & (Casseiman, 2004)

Quaternary	Clatsop Formation
Triassic	Kluane Ultramafic Suite - mafic to ultramafic intrusions
Amphibolite Formation	Silurian and Devonian
Wrangell Lavas	Bullion Group - limestone, marble and minor argillites
Upper Triassic	
Nocell Group	
Late Triassic	
Kluane Ultramafic Suite	
Silurian and Devonian	
Bullion Group	

Ultra Property Boundary Grouping HW07339

Showing

● DDH



ASHBURTON VENTURES INC.

Regional and Property Geology Compilation

ULTRA PROJECT

Mining District: Whitehorse Datum: NAD83 Zone 7

Job: ABR-13566-YT NTS: 115 B/16

AURORA GEOSCIENCES LTD.