

2018 FINAL REPORT

**YUKON MINERAL EXPLORATION PROGRAM
GRANT NUMBER YMEP18-018**

Placer Module

**Lightning, McMillan, Faith and Allen Creeks
MAYO MINING DISTRICT, YUKON TERRITORY**

For

Earth & Iron Inc.

By

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and

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Location: 63°53'39" N to 63°59'51" N; 135°01'31" W to 135°09'16" W
NTS: 105M14
Mining District: Mayo
Date: January 10, 2019
Dates of Work: July 1st, 2018 – September 9th, 2018

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Executive Summary

The following is YMEP final technical report in support of Grant YMEP18-018 on the placer exploration program conducted on claims and leases on the Lightning Creek-McMillan Gulch and Faith-Allen Creek drainages in 2018. The property is located in central Yukon approximately 480 km by road from Whitehorse. Access to the claims is gained from Whitehorse via Stewart Crossing on the Klondike Highway (353 km), followed by a distance of 52 km east on the Silver Trail to Mayo. From Mayo to Keno City the road runs a distance of 65 km. From that point, a 9.8 km long four-wheel drive road runs from Keno City, northwest along the Lightning Creek road. It continues past McNeil Gulch to the confluence of Lightning Creek with McMillan Gulch. There are no apparent roads further to Faith and Allen creeks; however, parts are accessible by ATV.

Mount Hinton is the locale for a significant bedrock gold source (MINFILE 105M052) which consists of a series of mineralized vein-faults hosted in both the Triassic Galena Suite Gabbro and the Carboniferous Keno Hill Quartzite. It lies at the headwaters of several major drainages including Upper Duncan Creek, Keystone Creek, Granite Creek, McNeil Gulch, McMillan Gulch and Allen Creek. The most prospective sediments for placer gold in the project area are interglacial paleochannels, however, other more dispersed sediments such as glacial till may also host economic concentrations of placer gold. The potential for this stratigraphy to host placer gold is demonstrated on Granite Creek, where coarse nuggets of placer gold have been mined from the McConnell alpine glacial till, with reported gold royalties of over 4000 crude ounces in the last three years. There is a strong possibility that all other nearby drainages including Upper Duncan Creek, Keystone Creek, McNeil Gulch, McMillan Gulch, Allen Creek and McKim Creek have similar placer gold potential.

The 2018 placer exploration program consisted of 4.16 km of electrical resistivity surveys as well as general prospecting and excavator test pitting. High surface resistivity values corresponded with interpreted McConnell glacial till, permafrost, or colluvial blankets and slide material units on the ground surface. Low surface resistivity units were associated with water-saturated ground surrounding the creeks or bogs in the region. The resistivity values in the medium range are interpreted as possible paleochannel material such as sands and gravel.

A total of 30 drill targets were chosen on the profiles in locations which may be paleochannels, or depressions in the bedrock with placer gold potential. On Allen Creek, estimated depths of the targets varied from 8 to 21 metres below surface. Promising amounts of heavy minerals were found in a nearby test pit. On Faith Creek, depths of the targets varied from 7 to 20 metres below surface. On McMillan Creek, estimated depths of the targets varied from 5 to 17 metres. Further exploration is warranted throughout the entirety of the claims in McMillan, Faith, and Allen Creeks. This should include UAV drone imagery, additional resistivity geophysical surveys and drilling of paleochannel targets using either auger, R/C (reverse circulation) and/or RAB (rotary air blast) methods. High value targets should then be explored by excavator test pitting and/or shafting, detailed sampling and processing of gravel for gold content.

Introduction

The following is the YMEP final technical report in support of Grant YMEP18-018 on the placer exploration program conducted on the Lightning Creek-McMillan Gulch and Faith-Allen Creek drainages in 2018. The exploration program included resistivity geophysical surveys, prospecting and excavator test-pitting.

Location and Access

The property is located in central Yukon approximately 480 km by road from Whitehorse (Figure 1). Access to the claims is gained from Whitehorse via Stewart Crossing on the Klondike Highway (353 km), followed by a distance of 52 km east on the Silver Trail to Mayo. From Mayo to Keno City the road runs a distance of 65 km. From that point, a 9.8 km long four-wheel drive road runs from Keno City, northwest along the Lightning Creek road. It continues past McNeil Gulch to the confluence of Lightning Creek with McMillan Gulch. There are several ATV trails of uncertain quality further to Faith and Allen creeks.

Dates of Work and Personnel

The 2018 program was conducted between July 1st, 2018 and September 9th, 2018. The field crew consisted of supervisor William LeBarge, M. Sc., P. Geo (Geoplacer Exploration Ltd.), Selena Magel, B.Sc., G.I.T., Allegra Webb, and equipment operator, Steve Kramer.

Placer Mineral Tenure

The Vander Claims on Faith Creek are held by Earth & Iron Mines Inc. (P 524106 – P 524139). Prospecting Lease IM00318 (3 miles) is held by Dean Gray Enterprises Ltd. on Faith Creek. The Ayla claims on Allen Creek are held by Stuart Gray (P 513842- P 513893). The Auliv Claims and the first tier Anni bench claims on McMillan Creek are held by Western Heavy Haul Inc. (P 524055 – P 524087 and P 524737- P 524753, respectively). Appendix 1 gives the current claim status of all claims and leases held by Earth & Iron Inc. and their affiliates in the Mayo Mining District.

Permitting

Earth & Iron Inc. currently holds a Type B Water Use Licence (PM17-042) on Faith and Allen Creeks, which is valid until May 3, 2027. Water License PM17-041 is held on Lightning Creek and it is valid until June 6, 2027.

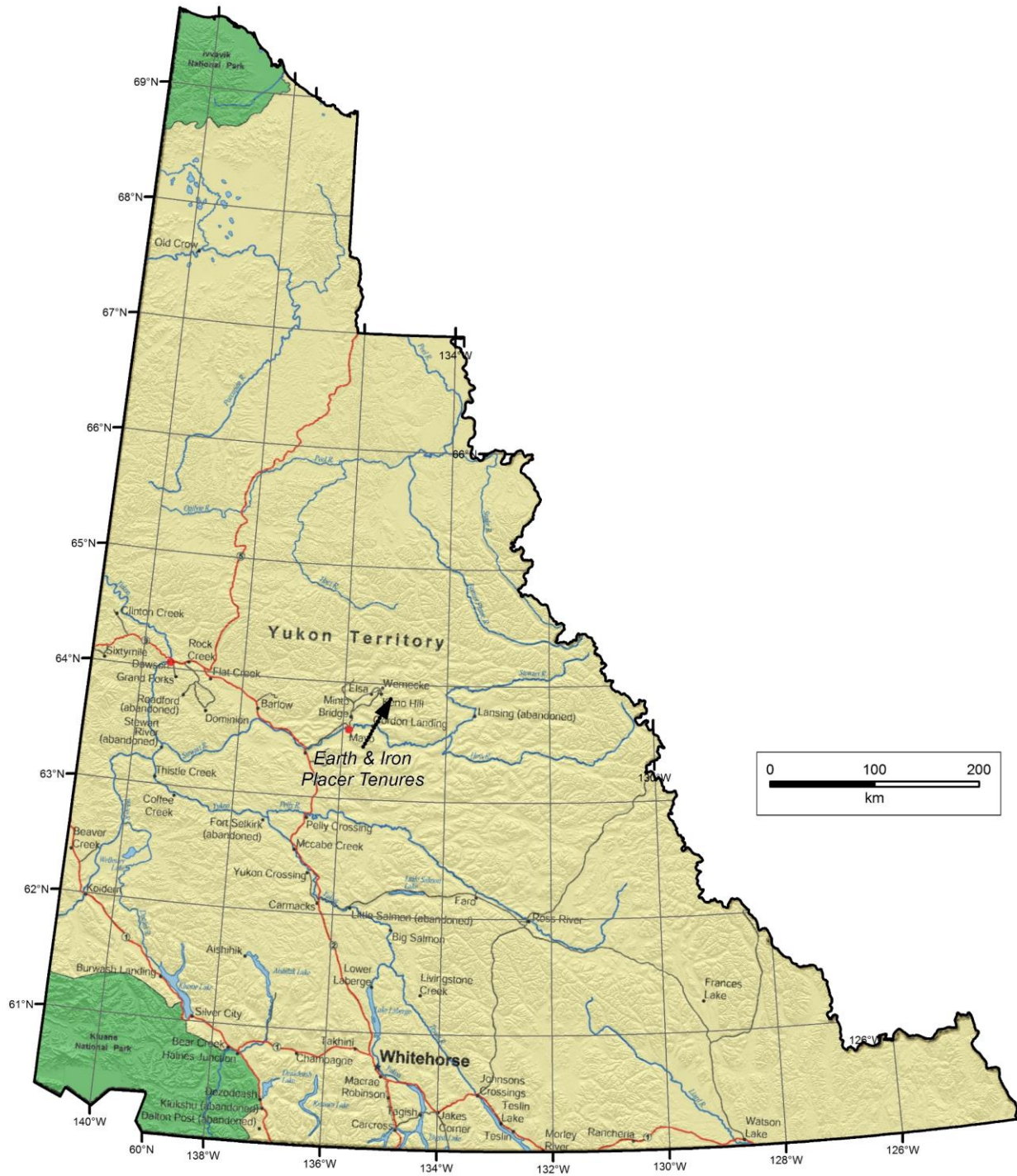


Figure 1 - General Location of Earth & Iron Placer tenures, Mayo, Yukon.

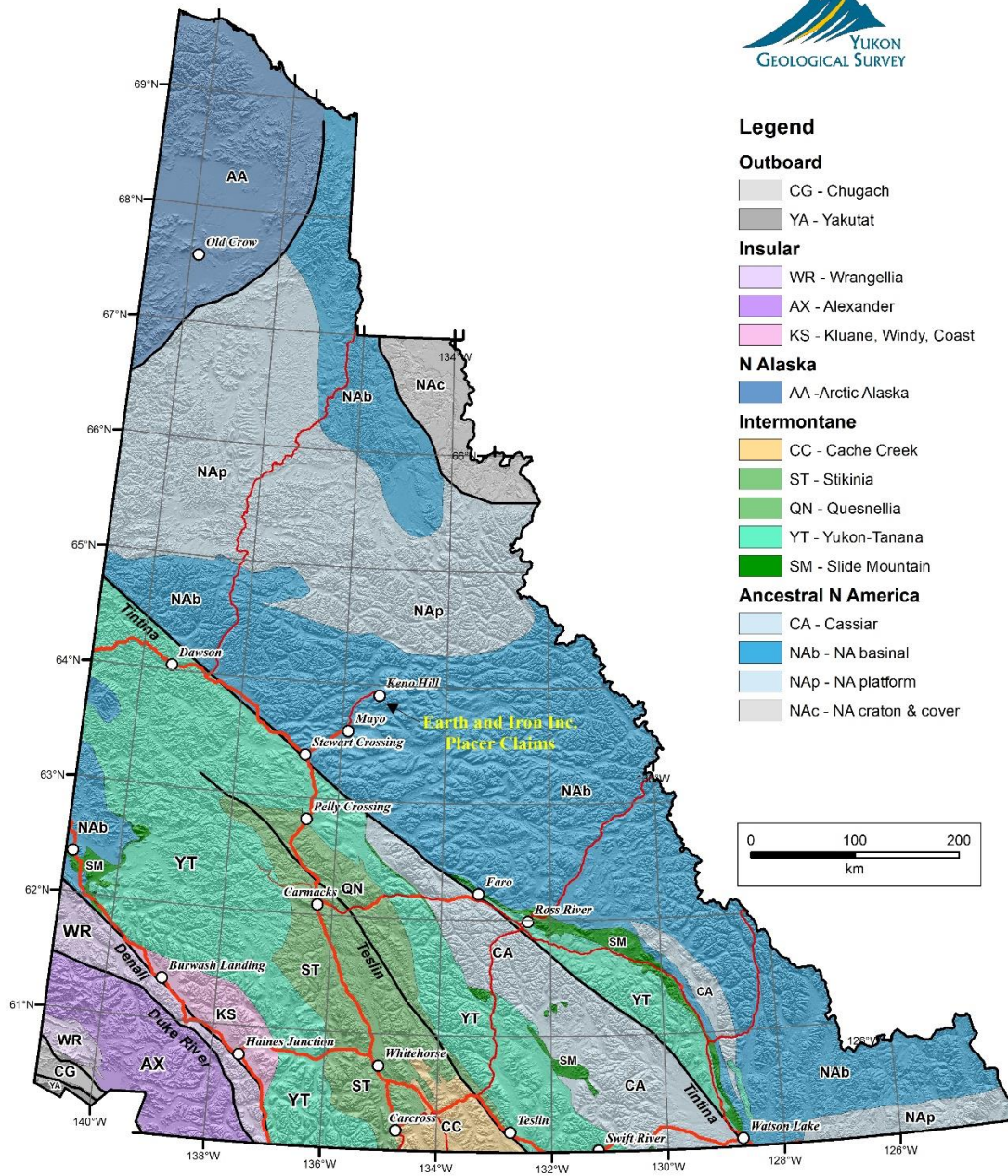


Figure 2 - Geological Map of Yukon, showing major bedrock terranes and structural elements. Modified after Yukon Geological Survey, 2018.

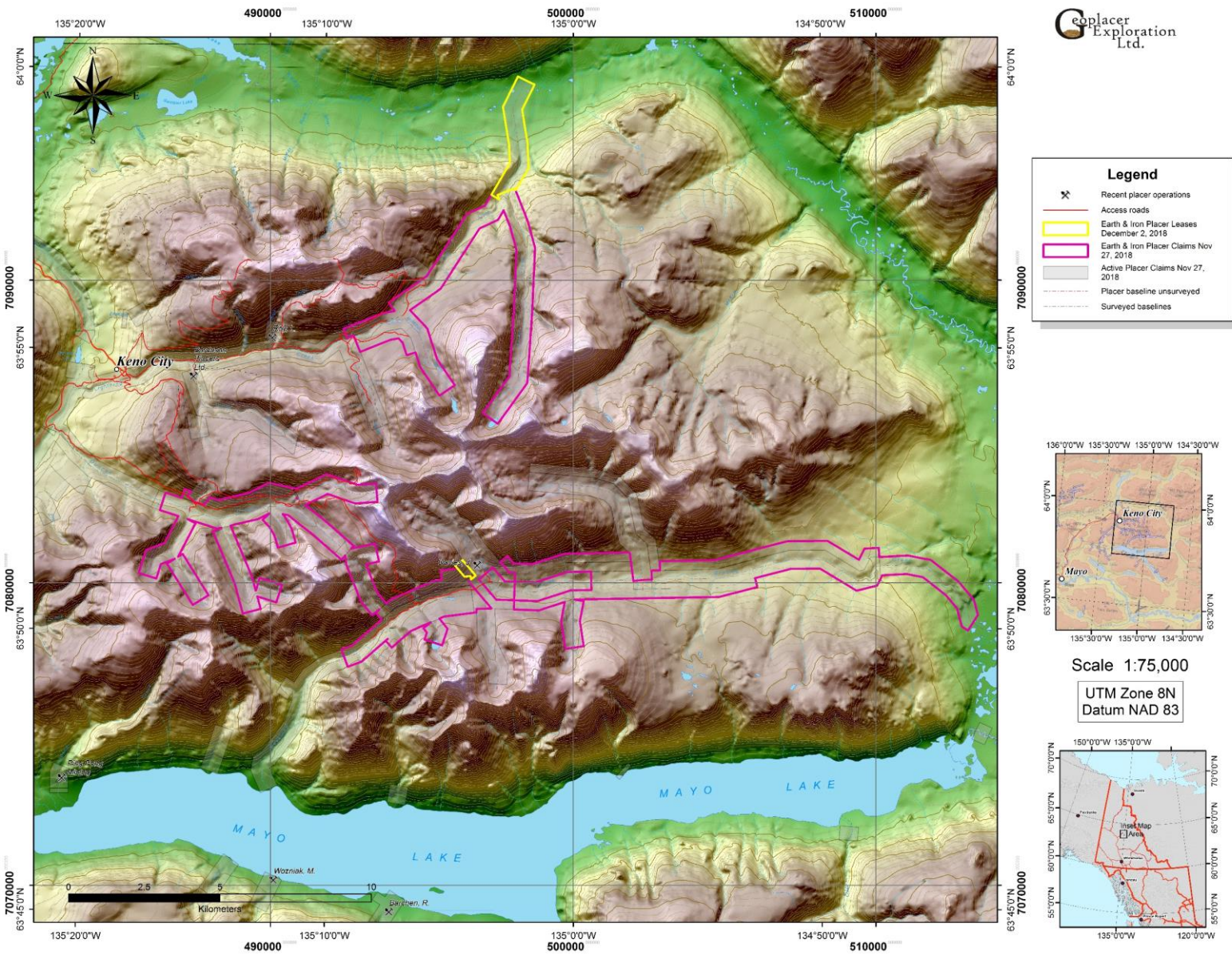


Figure 3– Location of the Upper Duncan Creek, Lightning Creek and Granite Creek areas showing Earth and Iron Inc. holdings and other placer claims and prospecting leases.

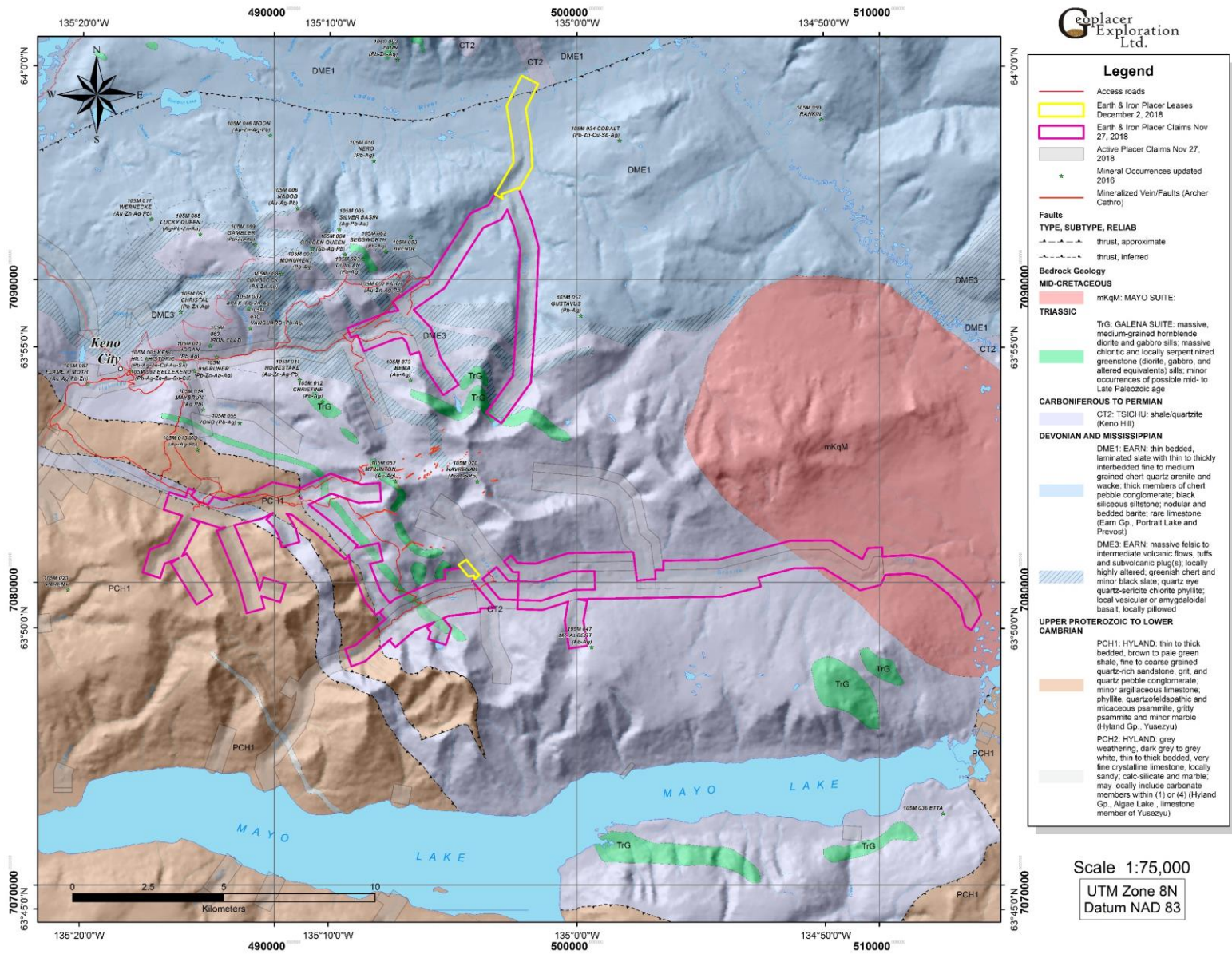


Figure 4 - Bedrock geology and mineral occurrences of Upper Duncan Creek, Lightning Creek and Granite Creek areas, Mayo Mining District, after Yukon Geological Survey, 2018. Mineralized vein-faults digitized from Wengzynowski, 2008 (EMR Assessment report 095613).

Regional Bedrock Geology

Murphy (1997) and Roots (1997a, 1997b) mapped and described the McQuesten and Keno Hill area, and various researchers (Stephens et al., 2004; Hart et al., 2002; Colpron and Ryan, 2010) have described the tectonic setting and mineral deposits throughout the region.

Figure 2 is a geological map of Yukon, showing major bedrock terranes and structural elements. The Earth and Iron Inc. properties in the Keno Hill district lie east of the Tintina Fault, within Ancestral North America in the *Nab* (North American basinal) terrane. In that part of the western Selwyn basin, dominantly clastic sedimentary rocks were deposited in an off-shelf setting in a period from the latest Neoproterozoic to the Carboniferous (Stephens et al., 2004).

The Keno Hill district is part of the Tombstone Gold Belt (Stephens et al, 2004), a subset of the Tintina Gold Province (Hart et al., 2002). This area is characterized by a northerly-directed, fold-and-thrust belt which developed in the Late Jurassic to Early Cretaceous (Roots, 1997a, 1997b; Murphy, 1997). The Dawson, Tombstone and Robert Service thrusts are the products of this deformation across the northern part of the basin (Murphy and Roots, 1996; Roots, 1997a).

The Robert Service Thrust sheet contains Hyland Group (Late Proterozoic to Cambrian) sandstone and grit with rare limestone and minor maroon argillite, overlain by a Cambrian to Middle Devonian succession of dark coloured siltstone, limestone and chert. These strata, a component of the regional Selwyn Basin, are unconformably overlain by Upper Devonian Earn Group argillite, chert and chert pebble conglomerate (Murphy, 1997; Roots, 1997a, 1997b).

To the north, the Tombstone Thrust sheet consists of highly strained Earn Group carbonaceous phyllite, felsic meta-tuff and metaclastic rocks, succeeded by Carboniferous Keno Hill quartzite that is thickened by internal recumbent folds or thrusts in the north central part of the map area. These units host the Ag-Pb-Zn veins of the Elsa-Keno Hill camp and the Au veins of the Mount Hinton area (Roots, 1997a, 1997b).

Jurassic (?) and Cretaceous contraction produced regionally developed penetrative fabrics and folds of various scales as well as thrust faulting. A domain of intensely-developed foliation and lineation underlies the northern half of the map area, imparted during two or more phases of movement on the Tombstone Thrust (Roots, 1997a, 1997b).

Two main intrusive suites of rock were emplaced into the western Selwyn basin after the regional deformation; the McQuesten Intrusive Suite, and the Tombstone Plutonic Suite (Murphy, 1997). The Tombstone Suite was emplaced around 92 Ma, and its rocks are associated with the Tombstone Gold Belt deposits in Yukon (Brewery Creek, Dublin Gulch, Scheelite Dome and Clear Creek) as well as the Pogo, Fort Knox and Donlin Creek deposits in Alaska (Hart et al., 2002).

Mineral Occurrences

The Roop Lakes batholith, which outcrops in the eastern part of the project area, is a late Cretaceous granite, quartz monzonite and granodiorite intrusion of the Tombstone Suite. It is widely-held to be the probable heat source for epi- and meso-thermal veins of the Elsa-Keno Hill mining camp (Roots, 1997a, 1997b).

Table 1 lists YUKON MINFILE (Yukon Geological Survey, 2018) mineral occurrences in the Upper Duncan/Keno Hill district. Most of these occurrences are polymetallic veins, consisting of silver, lead and zinc with various amounts of accessory gold. The host rock is mainly the Carboniferous Keno Hill Quartzite, however some veins are hosted in carbonaceous phyllite, felsic meta-tuff and metaclastic rocks of the Devonian Earn Group. A few mineralized polymetallic veins are hosted in the metaclastic rocks of the Late Proterozoic to Cambrian Hyland Group.

Table 1 – Selected Mineral Occurrences, Keno Hill and Upper Duncan area, from MINFILE (Yukon Geological Survey, 2018).

MINFILE NUMBER	DEPOSIT TYPE	STATUS
105M 001 KENO HILL - HISTORIC (Pb-Ag-Zn-Cd-Au-Sn)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 002 FAITH (Au-Zn-Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 003 DUNCAN (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 004 GOLDEN QUEEN (Sb-Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Drilled Prospect
105M 005 SILVER BASIN (Ag-Pb-Au)	Vein Polymetallic Ag-Pb-Zn+/-Au	Prospect
105M 006 NABOB (Au-Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 007 MONUMENT (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 008 COMSTOCK (Pb-Zn-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 009 APEX (Pb-Zn-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 010 VANGUARD (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 011 HOMESTAKE (Au-Zn-Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Drilled Prospect
105M 012 CHRISTINE (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Prospect
105M 013 MO (Au-Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 014 MAYBRUN (Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 015 HOGAN (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 016 RUNER (Pb-Zn-Au-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 017 WERNECKE (Au-Zn-Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Drilled Prospect
105M 018 FORMO (Pb-Zn-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 020 PADDY (Pb-Ag-Zn-Au)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 021 EAGLE (Pb-Zn-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Drilled Prospect
105M 022 FISHER (Au-Zn-Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Anomaly
105M 023 PARENT	Unknown	Anomaly
105M 024 CREAM AND JEAN (Pb-Zn-Cu-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 025 NORD (As-Zn-Ag-Pb-Au)	Vein Polymetallic Ag-Pb-Zn+/-Au	Drilled Prospect

MINFILE NUMBER	DEPOSIT TYPE	STATUS
105M 047 MT ALBERT (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 050 NERO (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 052 MT HINTON (Au-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Drilled Prospect
105M 053 AVENUE	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 055 YONO (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 061 CHRISTAL (Pb-Zn-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 062 SEGSWORTH (Pb-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 063 IRON CLAD	Vein Polymetallic Ag-Pb-Zn+/-Au	Drilled Prospect
105M 069 GAMBLER (Pb-Zn-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Past Producer
105M 070 HAVRENAK (Au-Ag-Pb)	Vein Polymetallic Ag-Pb-Zn+/-Au	Drilled Prospect
105M 073 BEMA (Au-Ag)	Vein Polymetallic Ag-Pb-Zn+/-Au	Showing
105M 082 BELLEKENO (Pb-Ag-Zn-Au-Sn-Cd)	Vein Polymetallic Ag-Pb-Zn+/-Au	Producer
105M 084 ONEK (Ag-Pb-Au-Zn-In)	Vein Polymetallic Ag-Pb-Zn+/-Au	Deposit
105M 085 LUCKY QUEEN (Ag-Pb-Zn-Au)	Vein Polymetallic Ag-Pb-Zn+/-Au	Deposit
105M 087 FLAME & MOTH (Au-Ag-Pb-Zn)	Vein Polymetallic Ag-Pb-Zn+/-Au	Deposit

Local Bedrock Geology

Figure 4 shows the bedrock geology and mineral occurrences of the Lightning Creek, Upper Duncan creek and Granite Creek area, modified from Roots, 1997b and Yukon Geological Survey, 2018. Mineralized vein/faults have been added from Wengzynowski, (2008).

Figure 5 shows the bedrock of the Lightning-McMillan and Faith-Allen creek areas in more detail. The area of the claims on Lightning Creek-McMillan Gulch is mapped as CT2 (Carboniferous to Permian Keno Hill Quartzite) and DME3 (Devonian-Mississippian Earn Group felsic to intermediate volcanic flows and tuffs). In the area of the Faith and Allen Creek claims, underlying bedrock is mapped as including the above mentioned units as well as an extensive zone of DME1 (Devonian-Mississippian Earn Group slate, wacke, conglomerate and siltstone). The headwaters of both creeks contain outcrops of the Triassic Galena Suite hornblende diorite and gabbro.

The closest mineral occurrences to the Lightning-McMillan and Faith-Allen claims include the Faith gold-zinc-silver-lead vein (MINFILE 105M002), the Gustavus lead-zinc vein (MINFILE 105M057), the Bema gold-silver vein (MINFILE 105M073) and the northern extent of the Mt. Hinton gold-silver veins (MINFILE 105M 052).

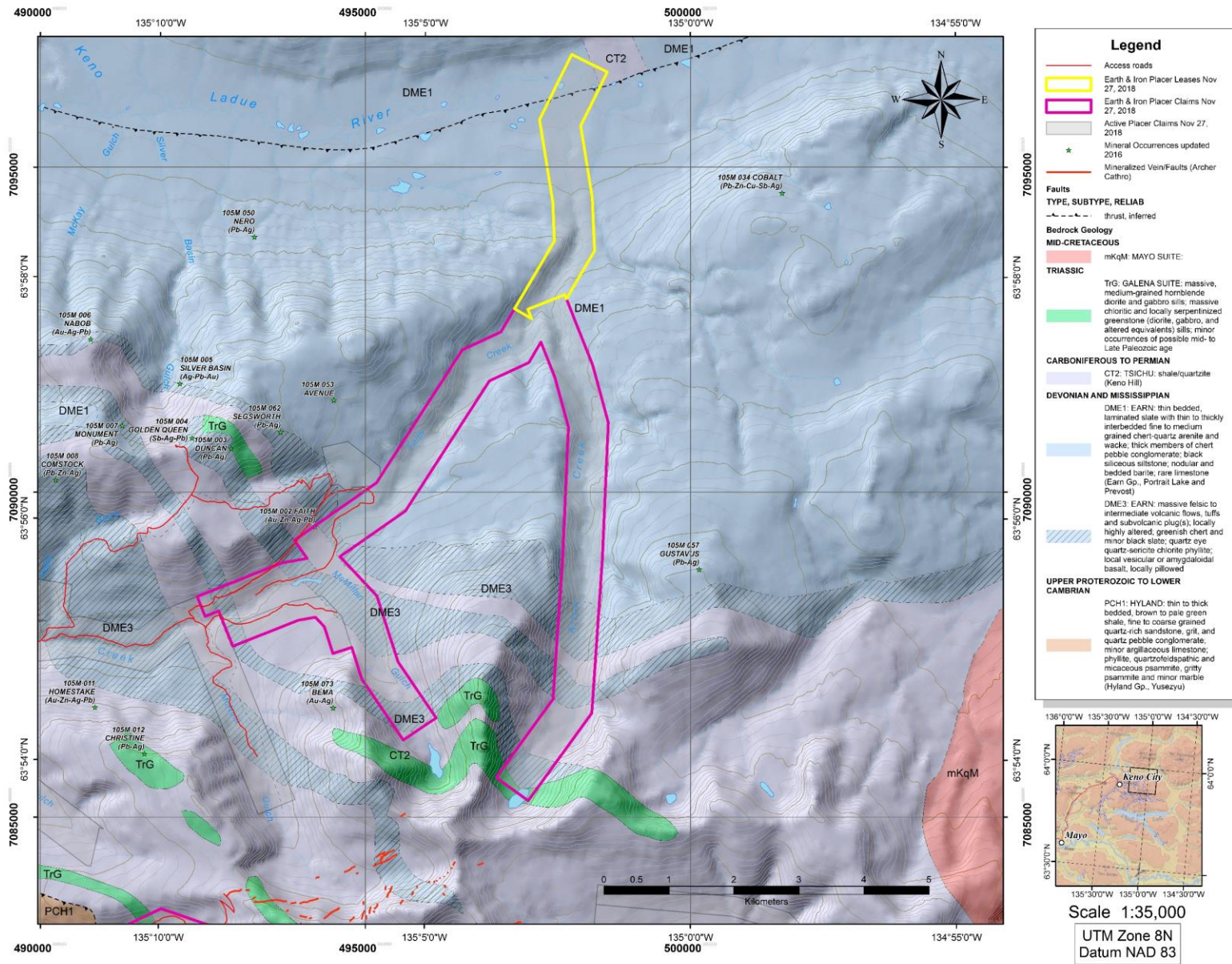


Figure 5 - Bedrock geology of the Lightning-McMillan and Faith-Allen creek area, including mineral occurrences from Yukon Minfile (Yukon Geological Survey, 2018).

Quaternary History

In the Mayo area, a minimum of four regional glaciations and two interglacial periods have influenced the deposition and erosion of sediments over the last 2.5 million years (Duk-Rodkin et. al., 2010; LeBarge et. al., 2002; Bond, 1996, 1997; Jackson et al., 2001). Glaciations include the pre-Reid (multiple early to mid-Pleistocene glaciations), Reid (130,000 years), and McConnell (14,000 -29,600 years). Warm, interglacial periods are indicated by relict paleosols such as the pre-Reid Wounded Moose paleosol (Tarnocai and Schweger, 1991) and the Reid Diversion Creek paleosol (Bond and Lipovsky, 2010).

During their maximum extent, pre-Reid ice sheets completely covered the Mayo/Keno Hill area. Undifferentiated pre-Reid surficial materials (moraine, glaciofluvial and glaciolacustrine deposits) are thick in the lowlands of Klondike Plateau and Tintina Trench, especially in areas proximal to the terminus of the pre-Reid glaciations.

During the subsequent Reid glaciation, glacial ice advanced from cirques formed in topographic highs such as Mount Hinton and Mt. Haldane, and coalesced with Cordilleran ice lobes which were advancing up-valley into the alpine areas. This resulted in a complex overlap assemblage of local alpine glacial sediments and more regionally-derived glacial sediments.

During the most recent (McConnell) glaciation, ice once again advanced from cirques in mountainous centres, however their advance was much less extensive than during previous glaciations. In most cases, McConnell ice advanced only short distances down-valley from their origins in the valley heads, depositing terminal moraines in the upper reaches of most valleys.

Figure 6 shows glacial limits and ice-flow directions in the Mayo area, after Bond (1999). This map indicates that McConnell ice advanced up-valley into the lower reaches of Allen and to the headwaters of Faith Creek, while only local alpine ice advanced down McMillan Gulch and McNeil Gulch. Allen Creek also hosted a local alpine ice advance during the McConnell which did not meet the up-valley advance of the regional McConnell ice.

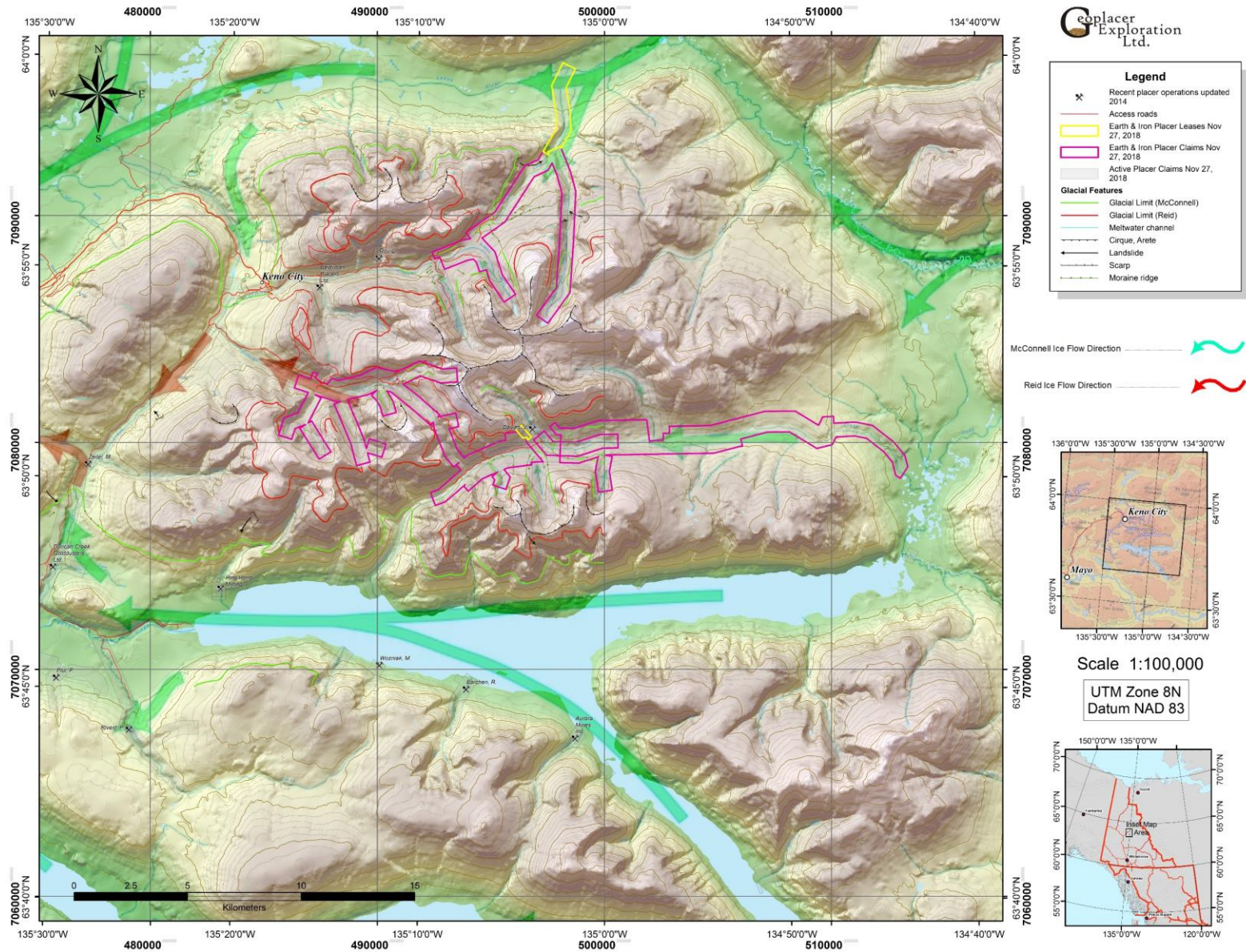


Figure 6 – 1: 100 000 scale map of glacial limits and ice-flow directions, Upper Duncan Creek, Lightning Creek and Granite Creek area, Mayo Mining District (after Bond, 1999). Recent placer operations are also shown, from Van Loon and Bond (2014).

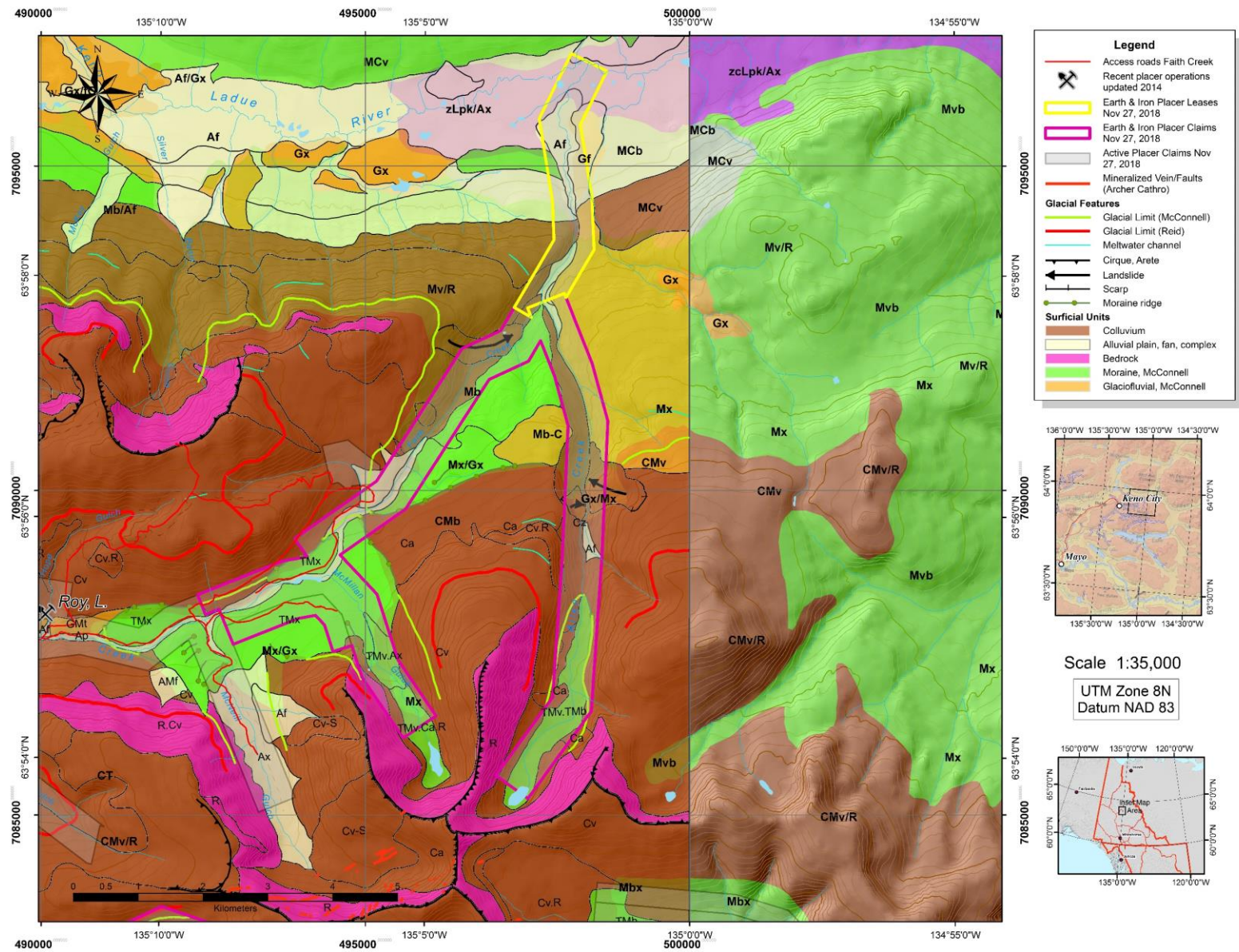


Figure 7 – 1: 35 000 scale map of surficial geology, Lightning-McMillan and Faith-Allen creeks, Mayo Mining District (after Bond, 1998).

Surficial Geology

Figure 7 is a 1:35,000 scale surficial map of the Lightning-McMillan and Faith-Allen creek drainages (modified after Bond, 1998). Differences in units between the east and west sides of the map are attributable to the different scales of mapping which were conducted on each side.

Unconsolidated sediments in the Gustavus Range and the surrounding plateaus consist mainly of deposits from Cordilleran valley glaciers (continental ice sheet), alpine glaciers (local montane glaciers), colluvium, and minor alluvium. The surficial geology of the project area is complex, which is a result of the multiple glacial events that have occurred there over the last 1.5 million years.

The hills above the main drainages of Duncan, Upper Duncan, Lightning and Granite creeks are mantled with colluvial deposits (veneers, blankets and aprons), while glacial erratics are found in the ridge tops and uppermost slopes. These were deposited when the pre-Reid glacial ice overtopped the hills in the region (LeBarge et.al., 2002; Bond, 1998).

Within and below the Reid glacial limit (shown as the red line in Figures 7 and 8), remnant deposits of Reid-age till line the valley bottoms and edges, and Reid glaciofluvial outwash channels lie along valley edges and on intervalley divides between third and fourth order drainages. In the lower reaches of Upper Duncan Creek, Reid-age till lies at the surface and confines the extent of the modern alluvial plain.

McConnell-age till forms moraines in the headwaters of most local drainages including Upper Duncan Creek (Mount Hinton), Lightning Creek-McMillan Gulch, Allen Creek and Granite Creek. Deposits of McConnell glaciofluvial outwash lie as terraces along the valleys of Lightning Creek, Duncan Creek and lower Granite Creek.

McConnell-age and younger alluvial and periglacial fans occur on the left limit of Faith Creek along the McConnell glacial limit, and on Allen Creek between the down-valley flowing local alpine McConnell glacial advance and the up-valley flowing regional McConnell glacial limit.

Modern alluvial fans, plains and complexes occur in all valleys, but are most prominent in larger, third to fourth order drainages. In some cases, alluvial fans have formed from re-activation and reworking of older deposits such as glaciofluvial terraces and eskers of Reid to McConnell age.

Recent colluvial aprons and landslides occur along the margins of many steep-sided valleys including Allen Creek.

Placer Exploration and Mining History

The discovery of placer gold in the Mayo district began on the Stewart River in 1883, when a party of prospectors worked from the mouth of the Stewart River to the McQuesten River (Mayo Historical Society, 1990). Between 1885 and 1886, it is estimated that up to 14,500 fine ounces (451 000 g) was recovered by hand (Mayo Historical Society, 1990).

In 1892, Ray Stewart discovered gold on the McQuesten River, and in 1895 placer gold was noted on Haggart Creek. Discovery claims were recorded on Johnson and Haggart Creeks in 1898, and around then a Swedish trio named Gustavson were hand mining at the canyon on Duncan Creek, approximately 15 km upstream from its confluence with the Mayo River. The Gustavsons mined the canyon deposit however had avoided recording their claim for fear of initiating another stampede. In 1901, some Dawson stampeders discovered their camp and the Gustavson trio lost their ground (Mayo Historical Society, 1990).

Soon the entire length of Duncan Creek was staked. Exploration in surrounding regions began shortly thereafter, and discoveries were posted on creeks flowing into Mayo Lake and in the Minto Creek region in 1903. Hight Creek was found to contain a significant quantity of gold. Rudolph Rosmusen and partners acquired an area of the bench opposite Rudolph Gulch and found the richest bench ground on the creek, yielding upwards of US\$140 000 or 6773 fine ounces (210 664 g) of gold at US\$20.67 per ounce. The amounts on these claims alone surpassed the total gold taken out of Duncan Creek in its first 14 years.

In 1920 the Hight Creek Dredging Co. attempted to dredge Hight Creek, however, this lasted only a year and a half due to the inability of the dredge to handle large boulders. Intermittent activity continued until an upsurge of mining occurred following the dramatic rise in the price of gold in the late 1970's and early 80's.

Modern methods of mining, utilizing large bulldozers and excavators have become prevalent, especially in areas that were once considered to be too deeply buried by barren glacial overburden. Although most modern mining is still concentrated on the creeks which were initially mined at the turn of the century, some new ground has been explored and mined on a few non-traditional creeks.

No mining history could be found in Government records for Faith and Allen creeks, however Nugget Drilling staked claims on Allen Creek during an exploration program in 1982 (LeBarge et al.,2002). Anecdotal evidence also suggests that McMillan Gulch had some limited prospecting by miners who were testing nearby McNeil Gulch and Lightning Creek.

Government placer gold royalty records prior to 1978 are incomplete, however more detail can be found in subsequent years, which are given in Table 2. This table shows that over 165,000 crude ounces have been recorded in the Mayo Mining District between 1978 and 2015.

Table 2 - Placer gold production from reported gold royalties, Mayo Mining District. Figures are in crude (raw) ounces.

STREAM or RIVER	Tributary to	2011	2012	2013	2014	2015	1978-2015
Anderson	Mayo Lake	319.51	80.48	13.58			938
Bear (Van Bibber)	McQuesten						1448
Carlson	Minto						105
Davidson	Mayo River		113.9	310.6	884.6	735.46	4432
Dawn	Mayo Lake						15
Dirksen	Mayo Lake						31
Dublin Gulch	Haggart		3.2	16.3			13099
Duncan	Mayo River	294.54	236.44	241.7	246.03	279.36	34718
Empire	No Gold				7.54		1012
Gem	Sprague						428
Goodman	South McQuesten						37
Granite Creek	Mayo Lake					1249.16	1249
Haggart	McQuesten	3.05		3.7	2.8	2.39	24508
Hight	Minto		117.82	30.62	84.9	29.96	40450
Hope Gulch	Lightning						8
Jarvis	Minto			10.67			17
Johnson	McQuesten						5437
Ledge	Mayo Lake						5815
Lightning	Duncan		304.78			0.83	11624
McQuesten	Stewart					9.24	114
Minto	Mayo River			27.31	65.13	199.42	1547
Morrison	Seattle						16
Murphy's Pup	South McQuesten	5.35	18.294	21.5	15.56		159
Owl	Mayo Lake	153.01					3642
Russell	Macmillan						287
Seattle	McQuesten					83.6	292
Secret	Swede	79.16	148.81	155.3	224.92	20.77	693
Steep	Mayo Lake						709
Stewart	Yukon						872
Swede	Haggart		16.3				4347
Thunder	Lightning	532.96	394.29		578.8	508.06	5006
Vancouver	McQuesten						928
Various Mayo Creeks		10.3					1589
Total Mayo District		1397.88	1434.314	831.28	2110.28	3118.25	165569

Rationale for Exploration

Known bedrock gold sources in the Keno Hill district are significant, and are spatially associated with both the Carboniferous Keno Hill quartzite and the Triassic Galena Suite diorite/gabbro. This is at least in part due to their brittle nature and related predisposition to host mineralized quartz veins (Roots, 1997a, 1997b). Splay faults within the Keno Hill quartzite, or the thrust faults which mark the boundaries of the unit, are also likely to host mineralization which can supply gold to the local alluvium.

Surficial mapping by Bond (1998) and placer studies by LeBarge et.al. (2002) have allowed a basic stratigraphic framework to be constructed, which is a key component to any placer exploration program. Mount Hinton is the locale for a significant bedrock gold source (MINFILE 105M052) which consists of a series of mineralized vein-faults hosted in both the Triassic Galena Suite Gabbro and the Carboniferous Keno Hill Quartzite. It lies at the headwaters of several major drainages including Upper Duncan Creek, Keystone Creek, Granite Creek, McNeil Gulch, McMillan Gulch and Allen Creek. This area has been subjected to several episodes of glacially-induced erosion and deposition dating back to the first pre-Reid glaciation in the early Pleistocene. Bedrock gold would be released into surrounding regions in a complex process of physical and chemical weathering, slope and mass-movement transport, entrapment in glacial ice and/or movement in flowing water, and finally deposition into glacial, glaciofluvial and alluvial sediments. During each of the three known episodes of glaciation (pre-Reid, Reid and McConnell), these processes would have repeated and prior unconsolidated material would be reworked and re-deposited along with sediments from newly-eroded bedrock. If the bedrock gold source is significant in size and extent, virtually all unconsolidated material derived from it will have some potential for placer gold. The most prospective sediments would be those that have had several episodes of reworking, winnowing and concentration in the form of interglacial paleochannels, where sediment influx is adequately offset and accommodation space is reduced by fluvial concentration processes. However, other more dispersed sediments such as glacial till may also host economic concentrations of placer gold, especially in local alpine settings where transport distances from bedrock sources are small (LeBarge, 1995; Eyles and Kocsis, 1989).

The potential for this stratigraphy to host placer gold is clearly demonstrated on Granite Creek, where a stratigraphic sequence consisting of several overlying glacial tills has been exposed on the east side of Mt. Hinton (Bond, pers. comm.) Coarse nuggets of placer gold have been mined from the McConnell alpine glacial till by the Jim Davies operation (Van Loon and Bond, 2014), with reported gold royalties of over 4000 crude ounces in the last three years. There is a strong possibility that all other nearby drainages including Upper Duncan Creek, Keystone Creek, McNeil Gulch, McMillan Gulch, Allen Creek and McKim Creek have similar placer gold potential. However, testing in these areas to date has been very limited, and not of sufficient depth or volume to sufficiently evaluate this potential.

Further testing of all drainages centred on Mount Hinton is recommended, with attention given to bedrock characteristics and structures that may act as potential gold sources, and a focus on the stratigraphy and sedimentology of the sediments which may host economic placer gold deposits.

2018 Placer Exploration Program

Overview

A total of 18 resistivity lines totalling 4.16 km were conducted and interpreted for Earth & Iron Inc. by Allegra Webb, Selena Magel and William LeBarge, with field assistance from Steve Kramer. The surveys were conducted between July 12- September 6th, 2018 in the McMillan, Faith, and Allen Creek claims and leases in Mayo Mining District, YT. In addition, several test pits were excavated on McMillan, Faith and Allen Creeks.

Geophysical Methodology

The Lippmann 4-Point Light Resistivity System was used to conduct the surveys. The resistivity technique injects an electrical current into the subsurface through stainless steel spikes and then measures the remaining voltage at various distances away from the injection point. Ground materials have different resistances to the current and give data points in a cross section of the subsurface. With the data points, a tomogram or pseudo section can be created representing changes of resistivity in the ground. Data was collected using Geotest software, while the inversion and data filtering was completed with RES2DINV software. Data points with poor data quality were exterminated and noisy data was filtered statistically with root mean squared data trimming. Two-dimensional tomograms were produced using least squares damped inversion parameters to display the resistivity properties and to display potential contacts. The two-dimensional images are used for preliminary interpretations of bedrock structure. The images were interpreted by Selena Magel, Allegra Webb and William LeBarge.

General principles and assumptions of electrical resistivity

1. Low resistivity can indicate thawed and water saturated areas, as well as fine grained material.
2. Very high resistivity values can be due to ice rich material and frozen or highly disturbed ground.
3. Dry gravels, cobbles and boulders generally have high resistivity values.
4. The contrasts between values is more important in determining contacts than the absolute values found with resistivity data.

Limitations and Disclaimer

The interpreted sections provide an estimate of the conditions beneath the surface to the depths conducted and are within the accuracy of the system and methods. The data becomes more uncertain with depth and are more accurate toward the surface and is further complicated with permafrost present in the region. The materials are interpreted based upon local geology observed, as well as geologic knowledge of the area. Certain materials may be similar in composition and result in uncertain results. The accuracy of the information presented is not guaranteed and all mine development is the client's responsibility. William LeBarge, Allegra Webb and Selena Magel accept no liability for any use or application by any and all authorized or unauthorized parties.

Geophysical Survey Results

Table 3 outlines the lengths, locations and coordinates of the resistivity surveys conducted in McMillan, Faith, and Allen claims. Good data and contact resistance were obtained in most surveys due to a combination of water saturated ground and adding salt water to each electrode location to improve the conductivity to the ground. Extensive permafrost in some survey areas increased the uncertainty of the interpreted results. Permafrost was more continuous on north facing slopes and was discontinuous on south-facing slopes and in parts of the valleys with high water saturation. In these areas, contrasts between low and high resistivity values may have been partially or wholly a reflection of varying groundwater and permafrost conditions rather than strictly lithological boundaries, however there is enough information to identify drill targets for further exploration. Figure 8 is a compilation map of the bedrock and surficial geology of Lightning-Faith and Allen Creeks (after YGS, 2018 and Bond, 1998) which also outlines the general location of the 2018 surveys. Seven drill targets were chosen in McMillan creek, 10 targets have been identified in Allen Creek, and 13 drill targets have been identified in Faith Creek. The drill target locations and expected bedrock depths are plotted on the pseudosection resistivity profiles in Figures 10, 11, 13-21, and 23-29. In addition, three detailed maps (Figures 9, 12, and 22) show the survey locations and drill targets at the beginning of each creek subsection.



Photo 1 - A view of mid-upper Allen Creek looking north (downstream) taken on July 13, 2018. The approximate extent of the McConnell alpine ice advance (after Bond, 1998) is shown.

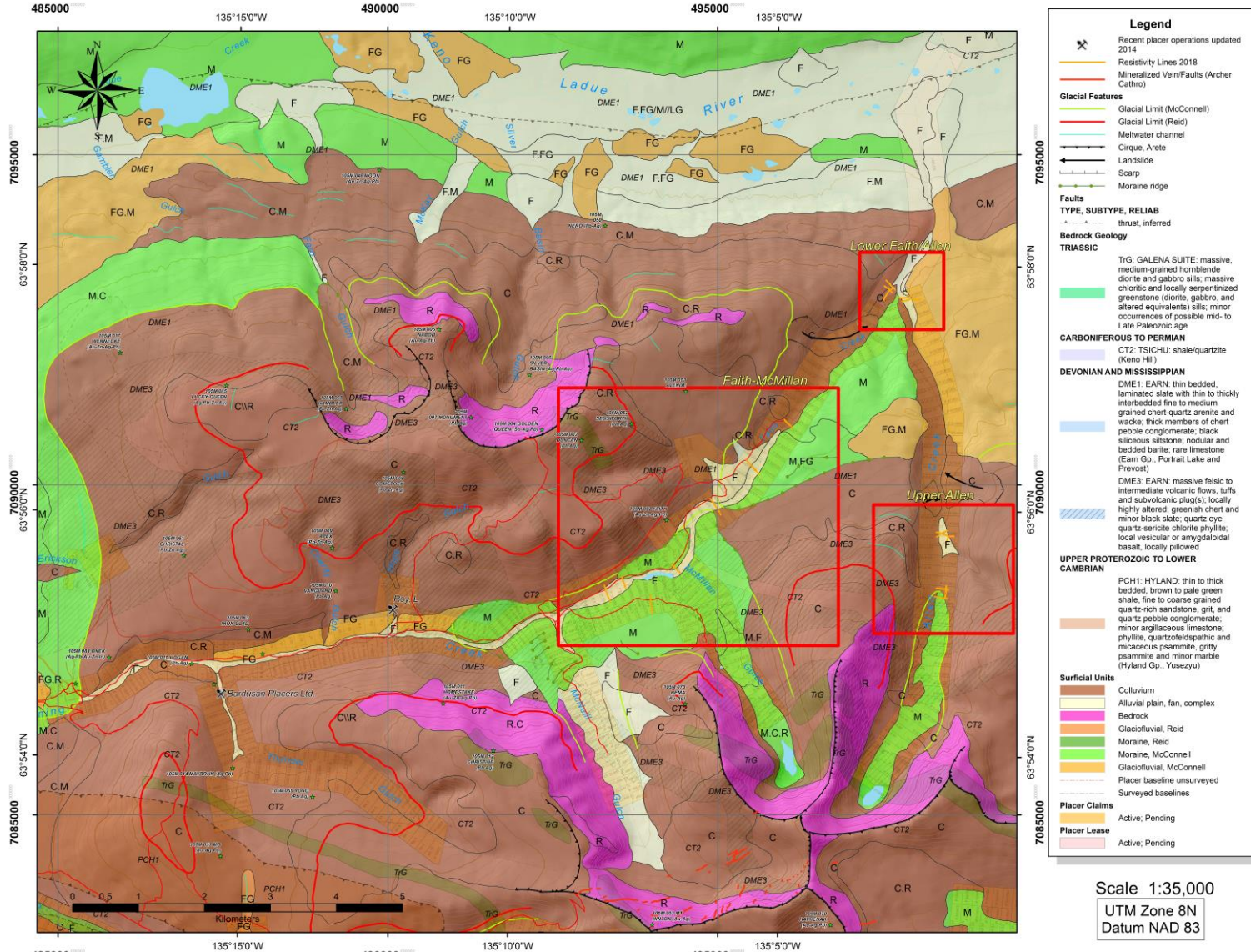


Figure 8 – Compilation bedrock and surficial geology map (after YGS, 2018 and Bond, 1998) of Lightning-Faith and Allen Creeks showing areas of 2018 resistivity surveys. Inset maps (figures following) are shown, which include more details on the survey locations.

Table 3 – Compilation table showing length, orientation, coordinates and dates of 2018 resistivity surveys in Allen, McMillan, and Faith Creeks.

Allen Creek 2018								
Name	Claim Number	Length (m)	Orientation	Date Surveyed	Start Point		End Point	
					Latitude	Longitude	Latitude	Longitude
RES18-AYLA32-02	Ayla 32	200	S-N	July 12/2018	63.92166	-135.03175	63.92334	-135.03130
RES18-AYLA32-01	Ayla 32	200	E-W	July 12/2018	63.92161	-135.03113	63.92183	-135.03488
RES18-AYLA31-01	Ayla 31	200	E-W	July 12/2018	63.92277	-135.03065	63.92297	-135.03440
RES18-AYLA26-02	Ayla 26	150	S-N	July 11/2018	63.92888	-135.03139	63.93005	-135.03064
RES18-AYLA26-01	Ayla 26	300	E-W	July 11/2018	63.93007	-135.02893	63.93058	-135.03434
RES18-AYLA25-01	Ayla 25	210	NE-SW	July 11/2018	63.93084	-135.03077	63.92997	-135.03425
RES18-AYLA1-02	Ayla 1	200	W-E	July 13/2018	63.96250	-135.04600	63.96270	-135.04247
RES18-AYLA1-01	Ayla 2	300	W-E	July 13/2018	63.96195	-135.04510	63.96222	-135.03952
	2018 Total	1760						
McMillan Creek 2018								
Name	Claim Number	Length (m)	Orientation	Date Surveyed	Start Point		End Point	
					Latitude	Longitude	Latitude	Longitude
RES18-AULIV13-01	Auliv 13	200	NW-SE	July 27/2018	63.92628	-135.11611	63.92504	-135.11349
RES18-AULIV7-01	Auliv 7	200	NW-SE	July 27/2018	63.92457	-135.13166	63.92300	-135.13045
RES18-AULIV5-01	Auliv 5	300	NW-SE	July 27/2018	63.92335	-135.13694	63.92116	-135.13505
RES18-ANNI8-01	Anni 8	300	N-S	July 28/2018	63.92199	-135.12286	63.91948	-135.12227
	2018 Total	1000						
Faith Creek 2018								
Name	Claim Number	Length (m)	Orientation	Date Surveyed	Start Point		End Point	
					Latitude	Longitude	Latitude	Longitude
RES18-VANDER8-01	Vander 8	300	NW-SE	July 29/2018	63.93513	-135.10422	63.93294	-135.10111
RES18-VANDER12-01	Vander 14	300	NW-SE	July 30/2018	63.94043	-135.09302	63.93846	-135.08913
RES18-VANDER19-01	Vander 19	200	NW-SE	July 30/2018	63.94586	-135.08140	63.94471	-135.07903
RES18-FAITH3MILE-01	3 Mile Lease	200	E-W	September 6/2018	63.96356	-135.04708	63.96484	-135.04996
RES18-FAITH3MILE-02	3 Mile Lease	240	N-S	September 6/2018	63.96383	-135.04769	63.96214	-135.05067
RES18-FAITH3MILE-03	3 Mile Lease	160	E-W	September 6/2018	63.96319	-135.04811	63.96407	-135.05053
	2018 Total	1400						

Ayla 1-52 P513842-513893 Stuart Gray GM00289

Table 4 shows the resistivity lines on Allen Creek, and Figures 9 and 12 show the location of these surveys relative to the claims and major glacial features. Test Pit AYLA-01 was excavated near geophysical survey line RES18-AYLA1-02, and it is plotted on Figure 9.

Table 4 - Resistivity line names, lengths, dates surveyed and surficial units for the Ayla claims.

Ayla 1-52 P513842-513893 Stuart Gray GM00289					
Name	Claim Number	Length (m)	Orientation	Date Surveyed	Surficial Unit (Bond, 1998)
RES18-AYLA32-02	Ayla 32	200	S-N	July 12/18	Colluvium
RES18-AYLA32-01	Ayla 32	200	E-W	July 12/18	McConnell moraine
RES18-AYLA31-01	Ayla 31	200	E-W	July 12/18	Colluvium
RES18-AYLA26-02	Ayla 26	150	S-N	July 11/18	Alluvial fan
RES18-AYLA26-01	Ayla 26	300	E-W	July 11/18	Alluvial fan
RES18-AYLA25-01	Ayla 25	210	NE-SW	July 11/18	Alluvial fan
RES18-AYLA1-02	Ayla 1	200	W-E	July 13/18	Alluvial fan/complex
RES18-AYLA1-01	Ayla 2	300	W-E	July 13/18	Alluvial fan/complex

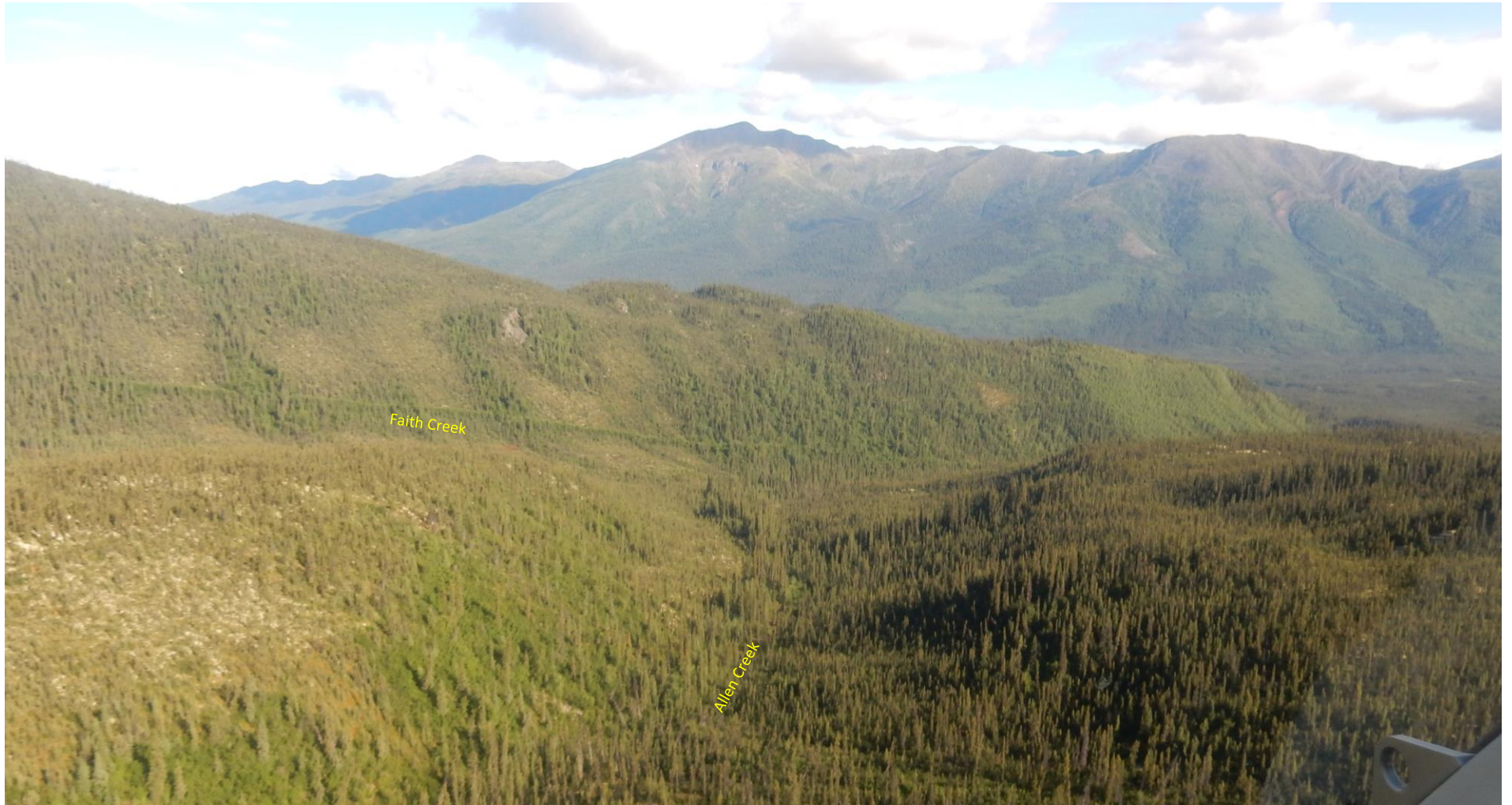


Photo 2 - View looking west of the confluence of Faith and Allen Creeks, July 13, 2018. Both creeks have a steep gradient at this location.

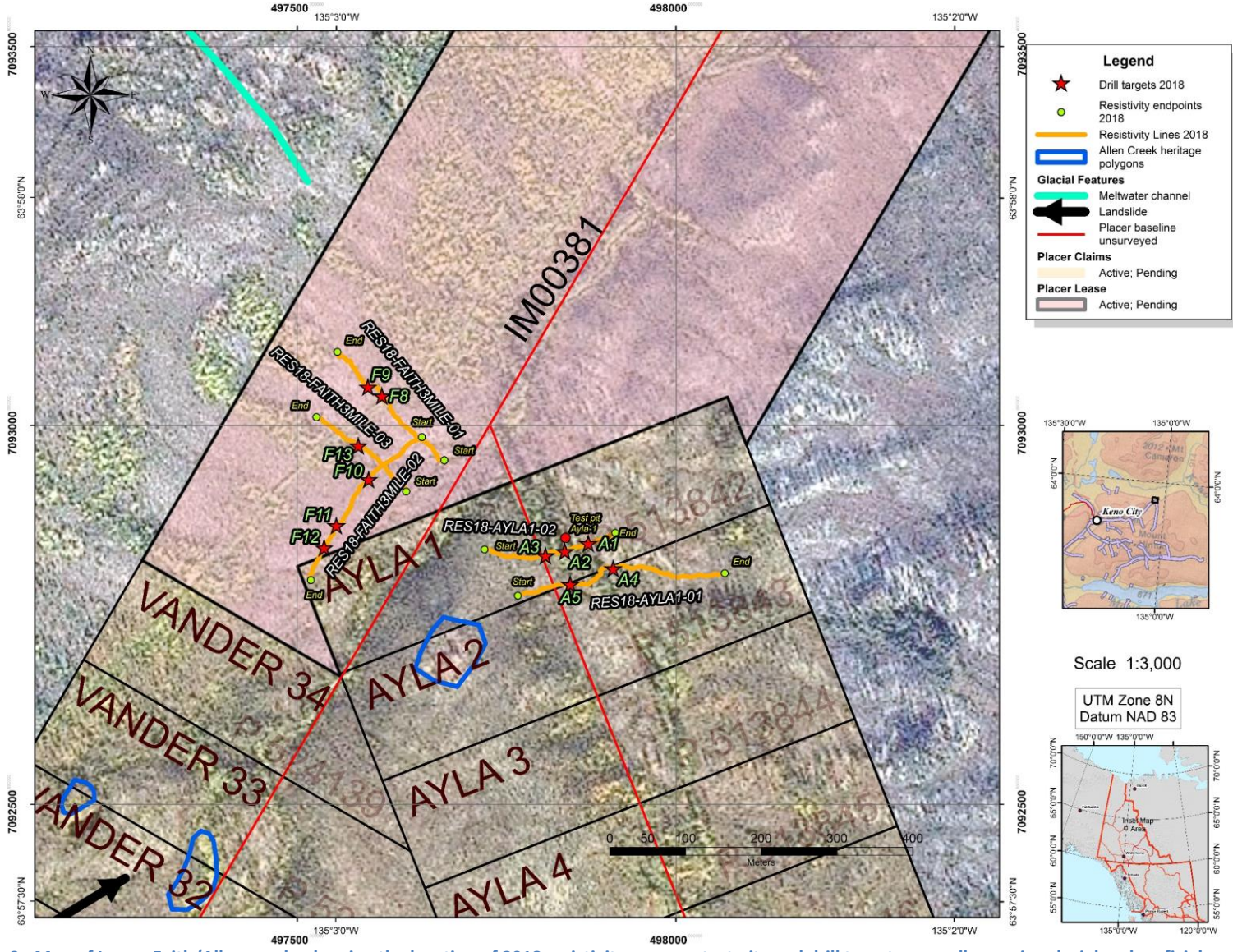


Figure 9 - Map of Lower Faith/Allen creeks showing the location of 2018 resistivity surveys, test pits and drill targets, as well as major glacial and surficial features (after Bond, 1998).



Photo 3 - Test Pit AYL1 1, near drill target A2 on line RES18-AYL1-02, showed crudely stratified boulder cobble gravel to a depth of 3 metres. It did not reach bedrock. Boulders were a mix of several rock types including vein quartz/breccia, diorite, phyllite and quartzite. Abundant heavy minerals including pyrite, magnetite and garnet were hand-panned, however no gold colours were noted.

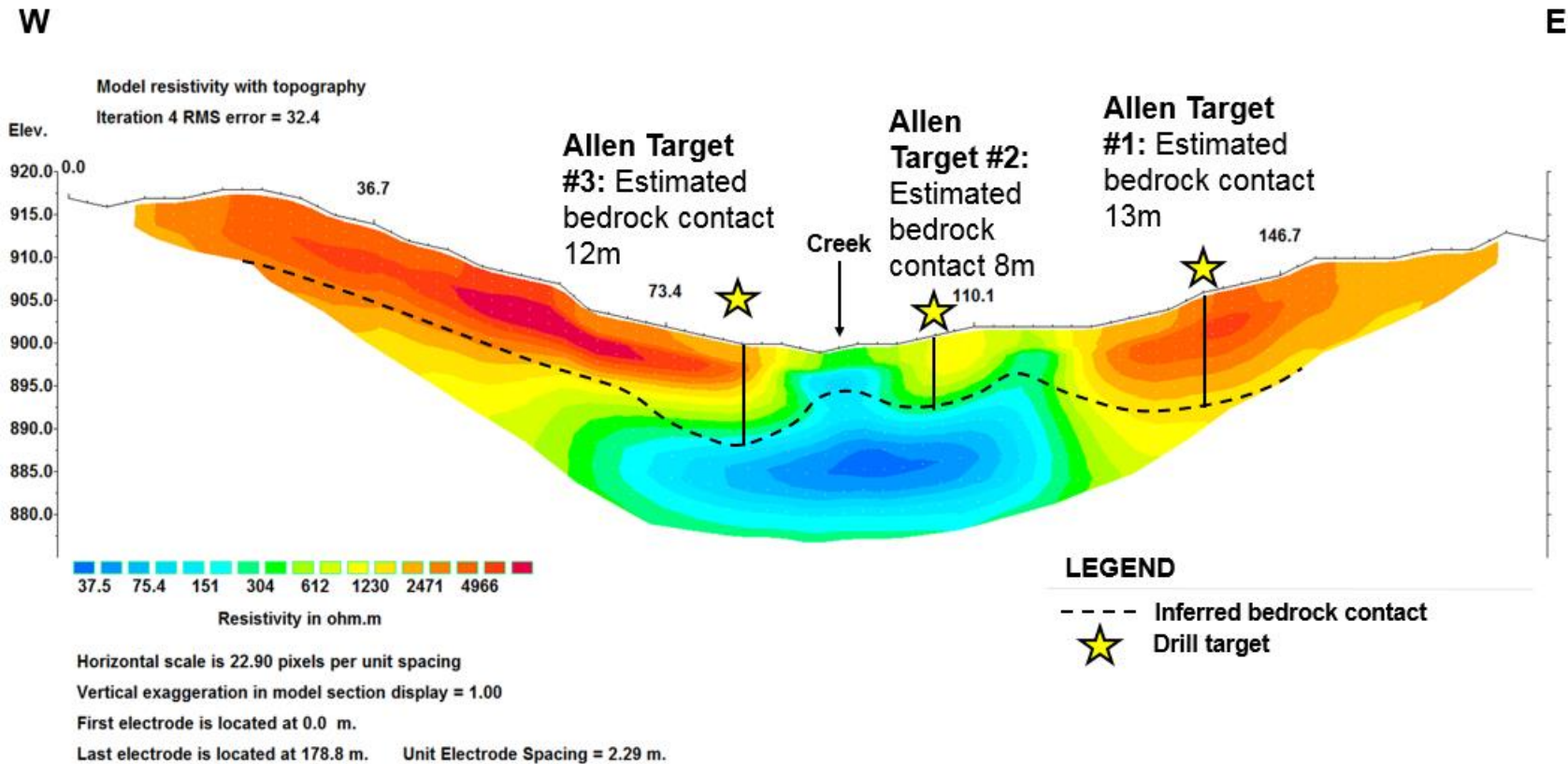


Figure 10 - Resistivity line RES18-AYLA1-02 is surveyed from west to east across the Allen Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the sides, interpreted as the alluvial complex material thickening and drier up the sides of the valley. In the bottom of valley there is lower surface resistivity due to the water saturation of the ground surrounding the creek as well as the alluvial complex material. The depth of the interpreted bedrock contact ranges between 5m and undulates as deep as 13m at the E slope base. Drill targets are chosen in the depressions of the interpreted bedrock contact. The depressions in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

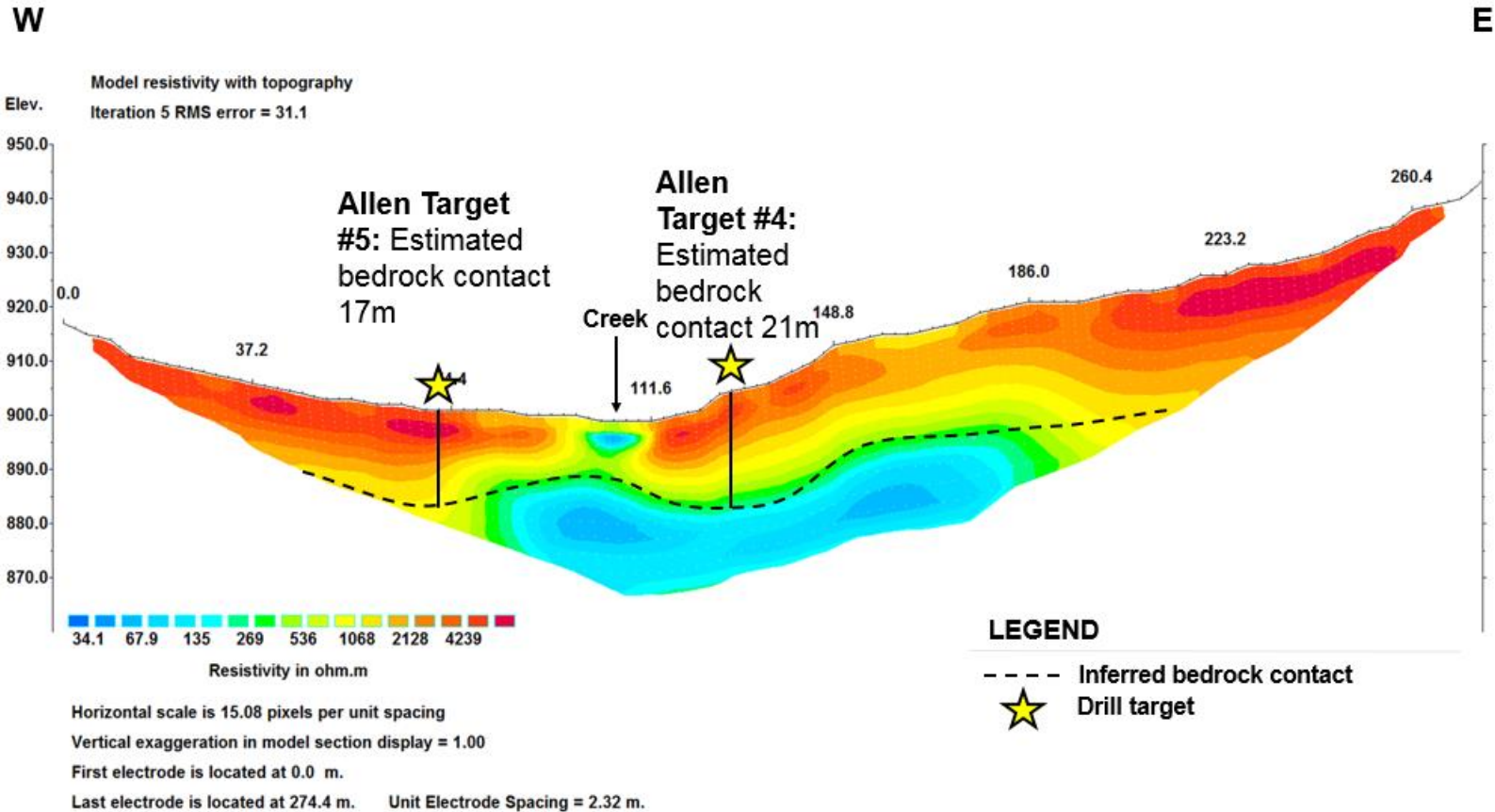


Figure 11 - Resistivity line RES18-AYLA1-01 is surveyed from west to east across the Allen Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the sides, interpreted as the alluvial complex material thickening and drier up the sides of the valley, as well as glaciofluvial material to the E of the profile. In the bottom of valley there is lower surface resistivity due to the water saturation of the ground surrounding the creek as well as the interpreted alluvial complex material. The depth of the interpreted bedrock contact ranges between 10m and undulates as deep as 21m at the E slope base. Drill targets are chosen in the depressions of the interpreted bedrock contact. The depressions in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

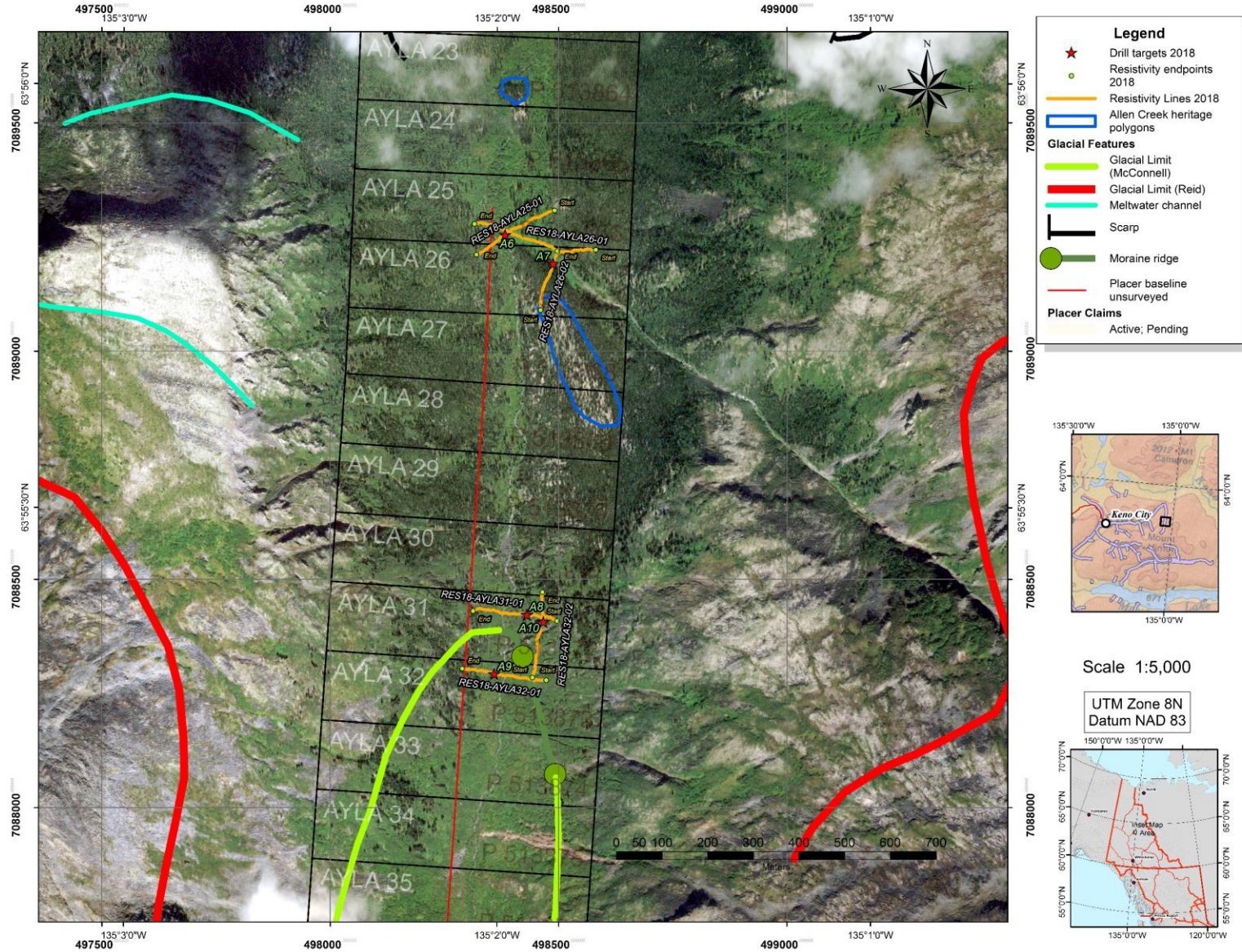


Figure 12 - Map of Upper Allen Creek, showing location of 2018 resistivity surveys and drill targets, as well as major glacial features (after Bond, 1998).

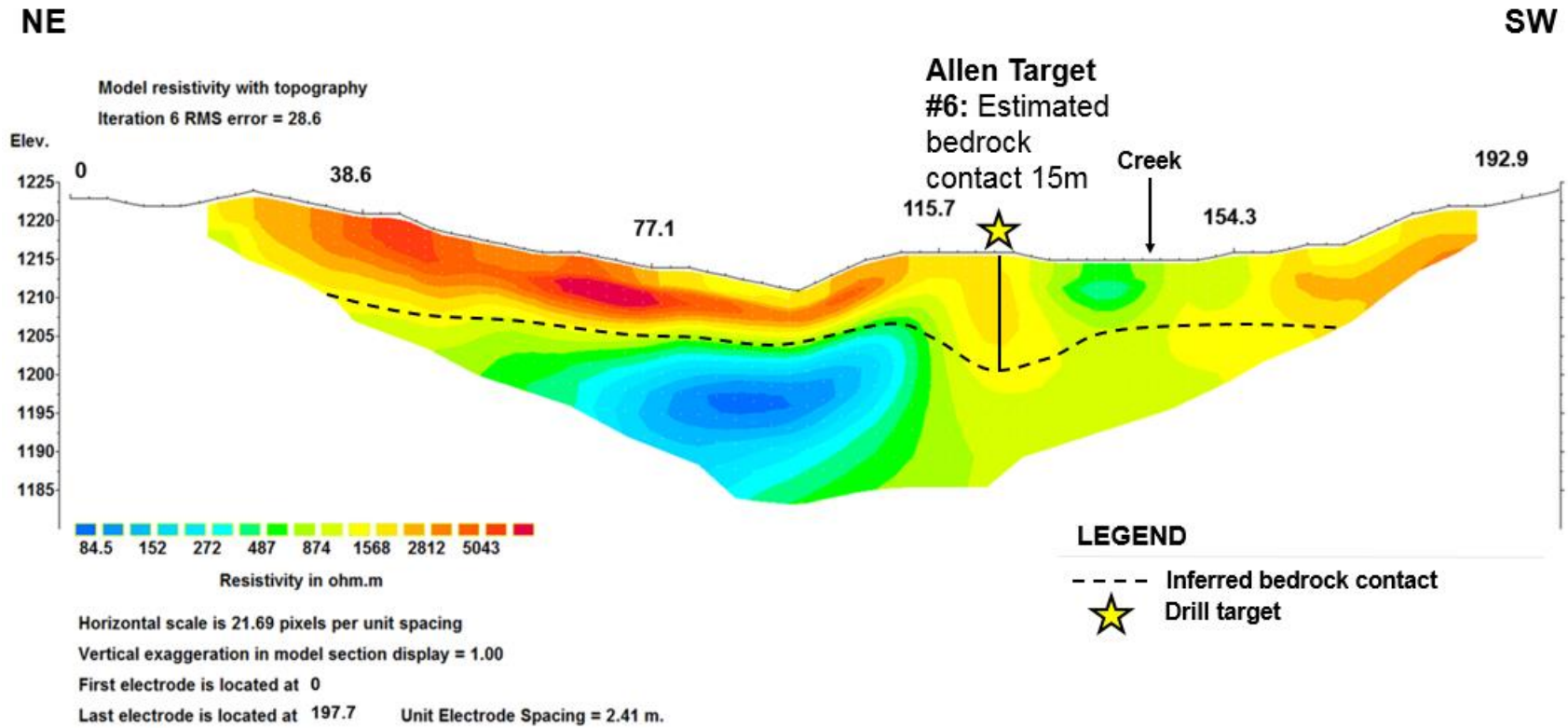


Figure 13 - Resistivity line RES18-AYLA25-01 is surveyed from northeast to southwest across the Allen Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the sides interpreted as colluvium. In the bottom of valley there is lower surface resistivity due to the water saturation of the ground surrounding the creek as well as the interpreted alluvial complex material. The depth of the interpreted bedrock contact ranges between 8m and undulates as deep as 15m. The drill target is chosen in the depression of the interpreted bedrock contact. The depression in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

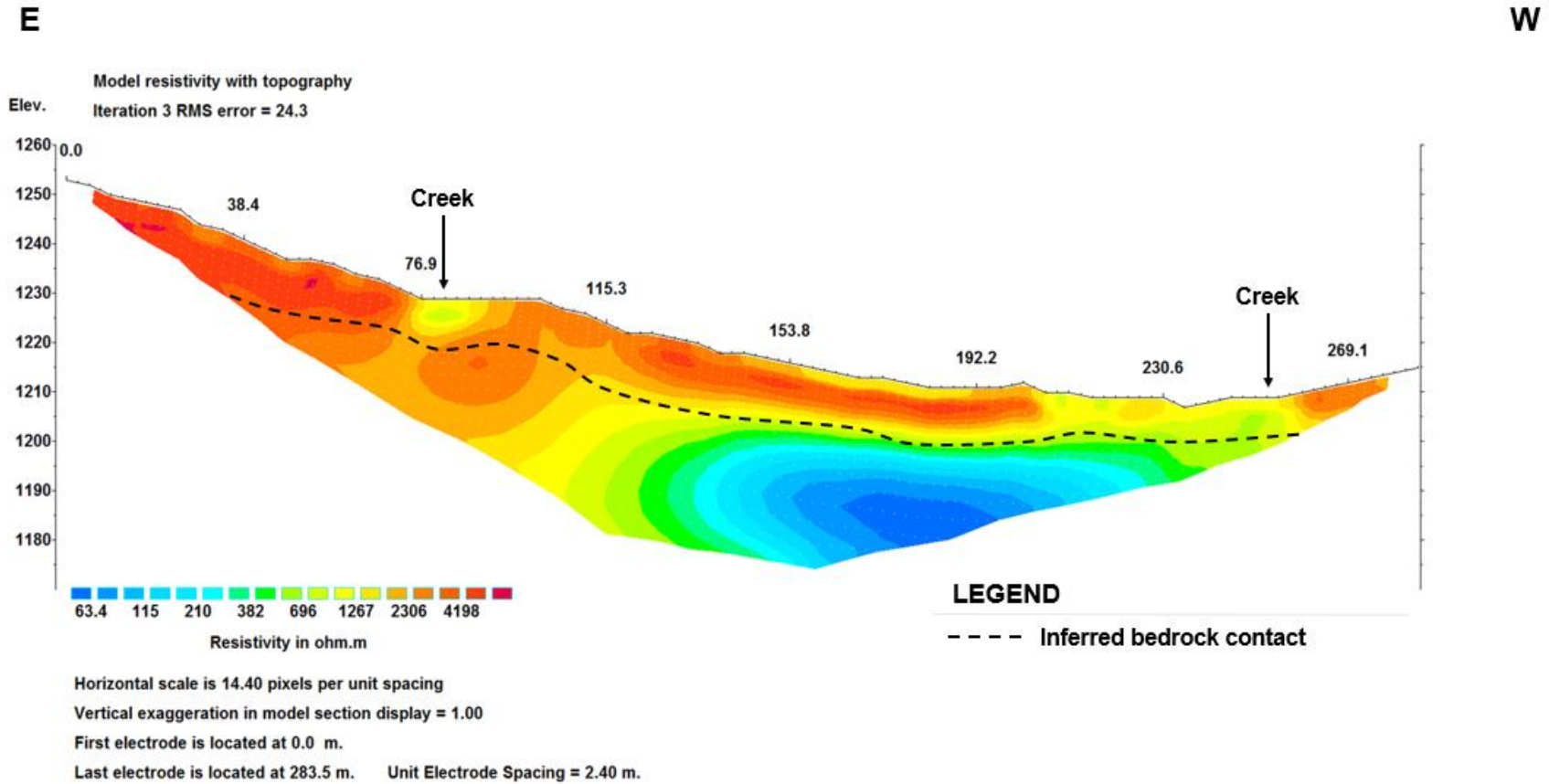


Figure 14 - Resistivity line RES18-AYLA26-01 is surveyed from east to west across the Allen Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the sides interpreted as colluvium especially on the E side of the profile. In the bottom of valley there is lower surface resistivity due to the water saturation of the ground surrounding the creek as well as the interpreted alluvial complex material. The survey that produced this profile crossed two creeks, the main Allen creek and a small tributary creek on the right limit. The depth of the interpreted bedrock contact ranges between 8m and undulates as deep as 12m. No drill targets are chosen from the interpreted bedrock contact.

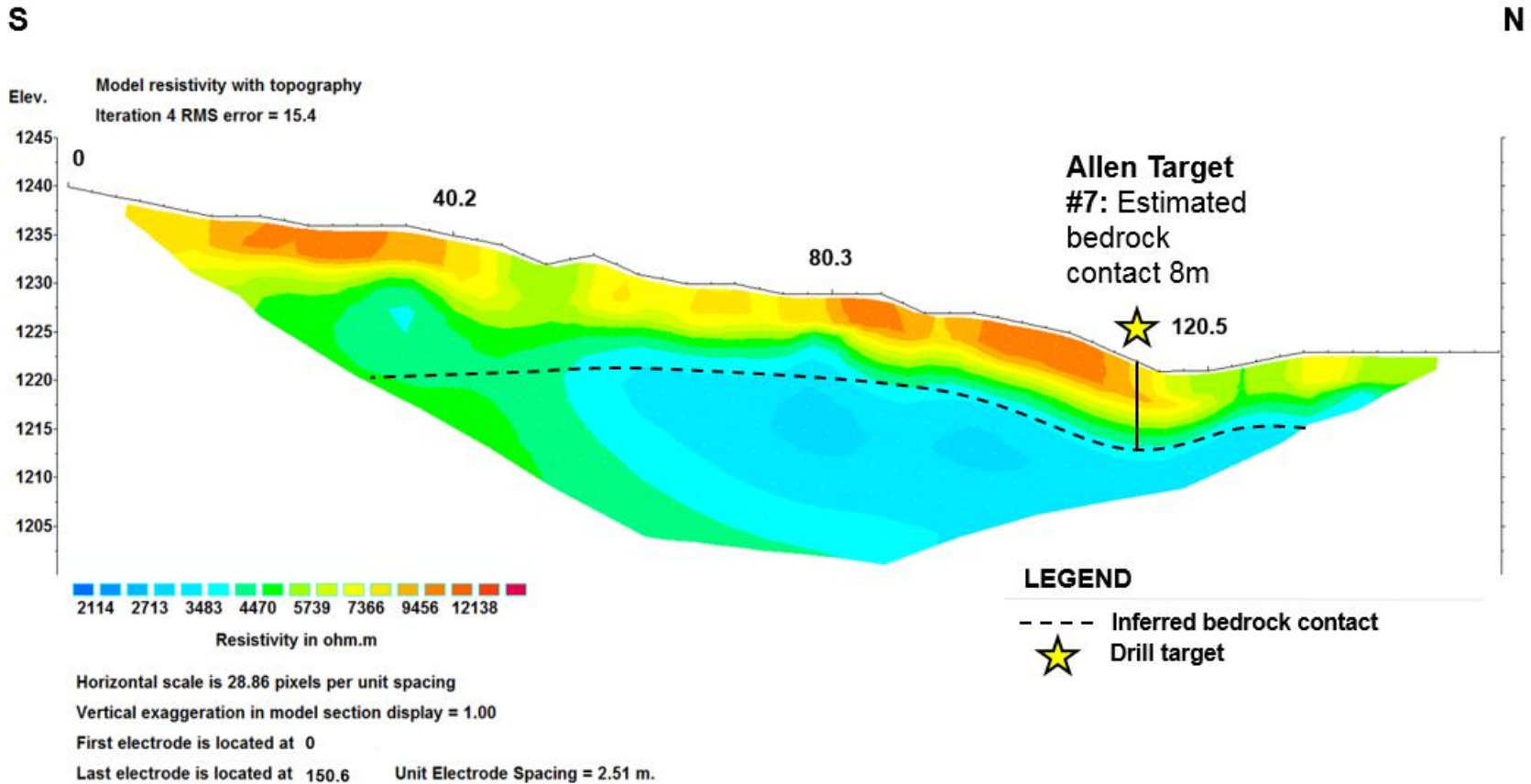


Figure 15 - Resistivity line RES18-AYLA26-02 is surveyed from south to north along the Allen Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity from the base of the hill up towards the south side of the profile. The high resistivity is interpreted as a McConnell moraine. There is lower surface resistivity due to the water saturation of the ground surrounding the creek as well as the interpreted alluvial complex material. The depth of the interpreted bedrock contact ranges between 6m and undulates as deep as 12m towards the S side of profile. A drill target is chosen in the depression of the interpreted bedrock contact. The depression in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

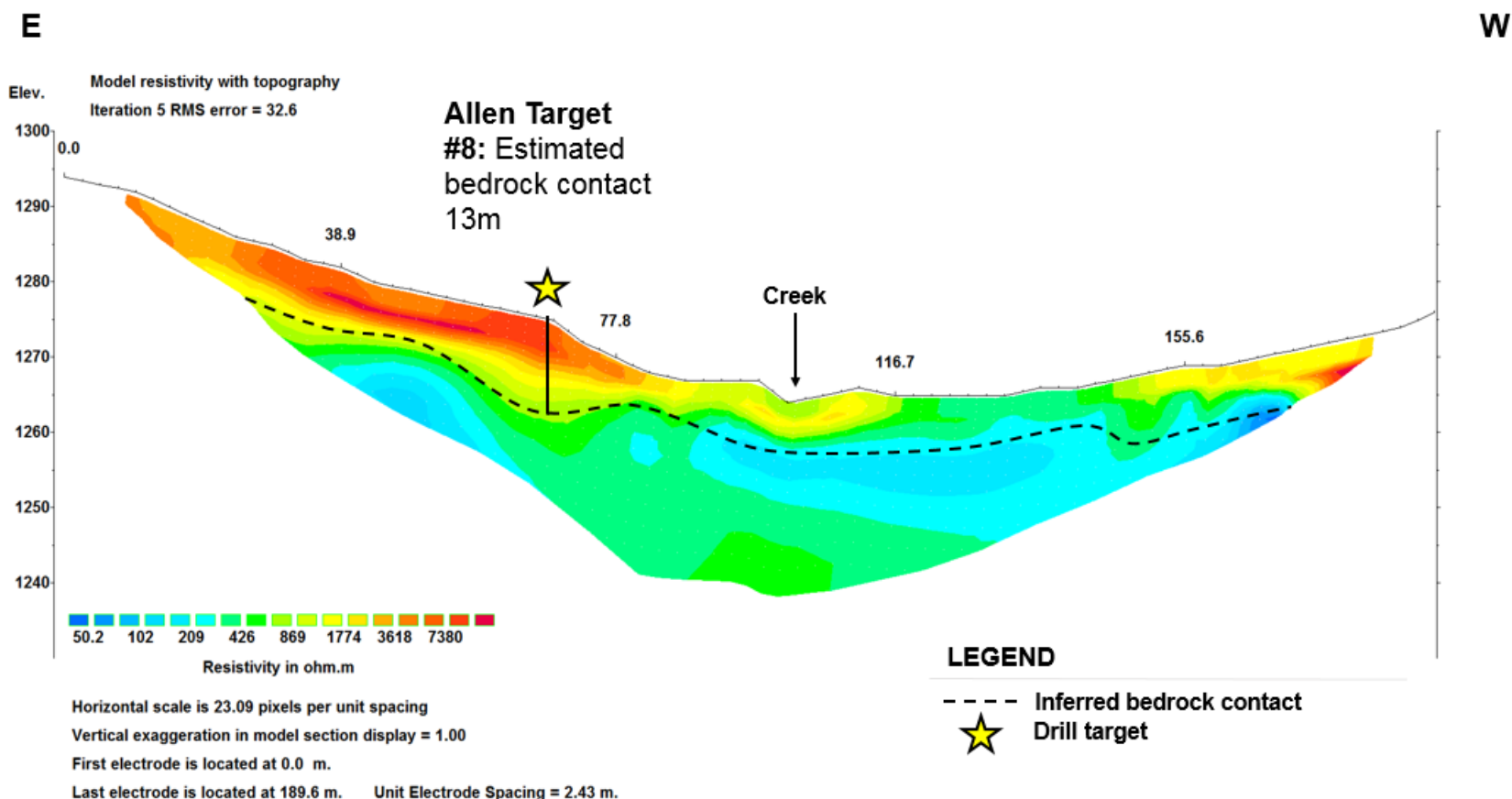


Figure 16 - Resistivity line RES18-AYLA31-01 is surveyed from east to west across the Allen Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the sides interpreted as colluvium. In the bottom of valley, there is lower surface resistivity due to the water saturation of the ground surrounding the creek. The depth of the interpreted bedrock contact ranges between 6m and undulates as deep as 13m. The drill target is chosen in the depressions of the interpreted bedrock contact. The depressions in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

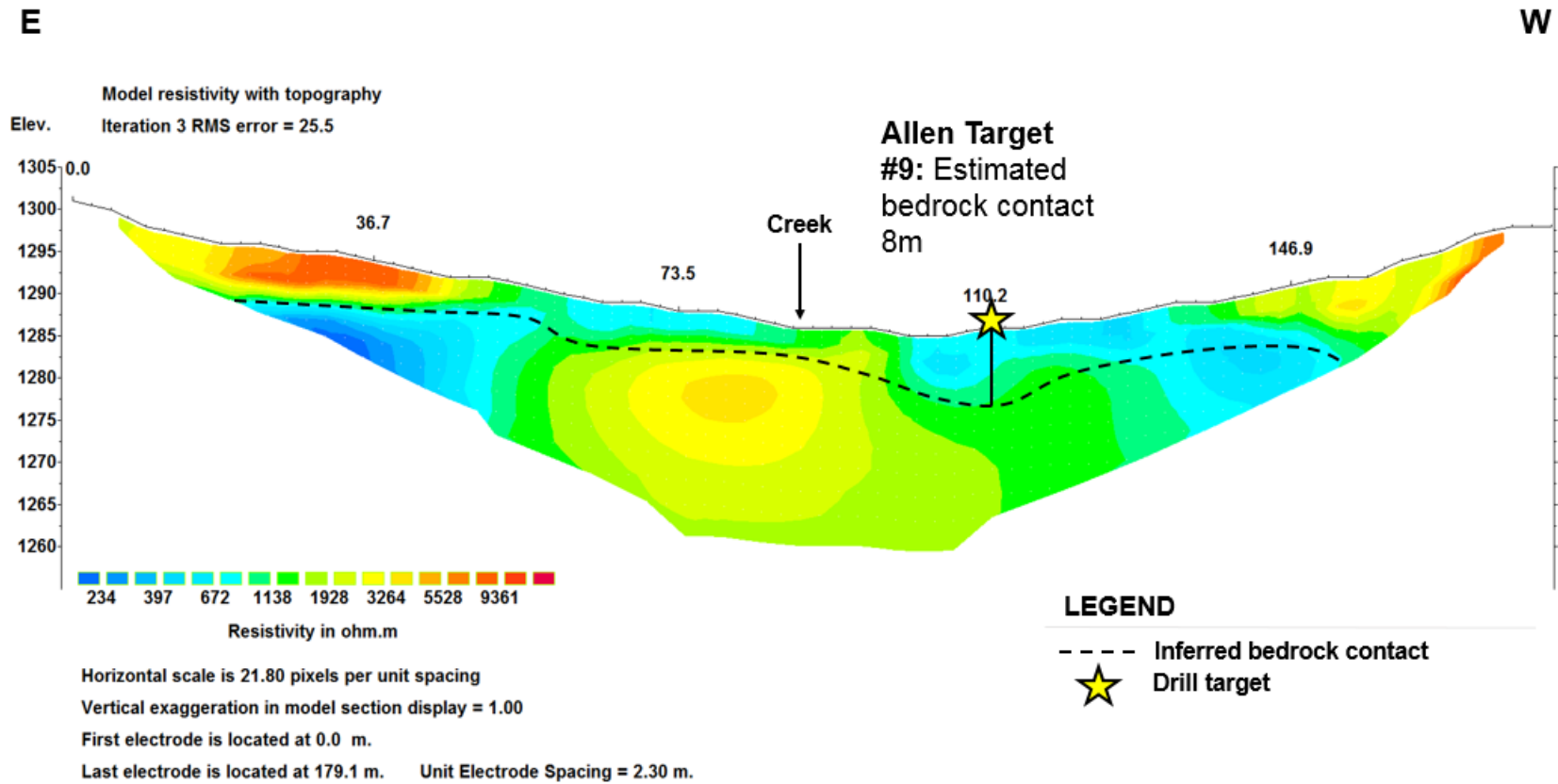


Figure 17 - Resistivity line RES18-AYLA32-01 is surveyed from east to west across the Allen Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the sides interpreted as colluvium. In the bottom of valley there is lower surface resistivity due to the water saturation of the ground surrounding the creek. The depth of the interpreted bedrock contact ranges between 4m and undulates as deep as 8m. A drill target is chosen in the depression of the interpreted bedrock contact. The depression in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

RES18-AYLA32-02 200m schlum * non-conventional or general array

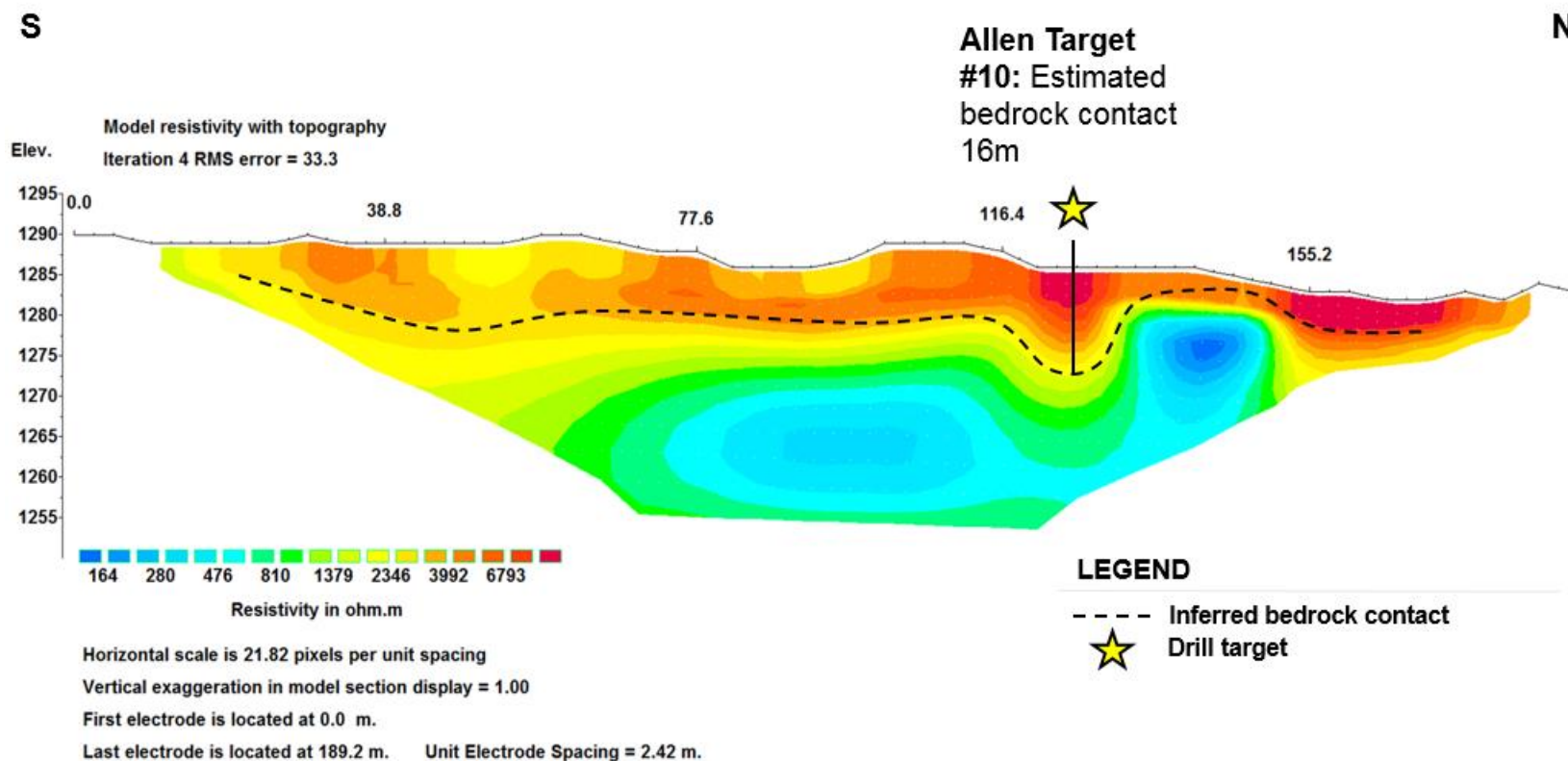


Figure 18 - Resistivity line RES18-AYLA32-02 is surveyed from south to north along the Allen Creek valley. The profile displays a potentially undulating bedrock contact with high surface resistivity interpreted as colluvium. The depth of the interpreted bedrock contact ranges between 2m and undulates as deep as 16m. A bedrock outcrop was observed in the field indicating shallow bedrock in this profile. Drill target is chosen in the depressions of the interpreted bedrock contact. The depressions in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

3 Mile Prospecting Lease IM00381 Dean Gray Enterprises Ltd.

Table 5 shows the resistivity lines on prospecting lease IM00381 on lower Faith Creek, and Figure 9 shows the location of these surveys relative to the claims and major glacial features.

Table 5 - Resistivity line names, lengths, dates surveyed and surficial units for 3-mile prospecting lease IM00381.

3 Mile Prospecting Lease IM00381 Dean Gray Enterprises Ltd.					
Name	Claim Number	Length (m)	Orientation	Date Surveyed	Surficial Unit (Bond, 1998)
RES18-FAITH3MILE-01	3 Mile Lease	200	E-W	September 6/18	Colluvium
RES18-FAITH3MILE-02	3 Mile Lease	240	N-S	September 6/18	Colluvium
RES18-FAITH3MILE-03	3 Mile Lease	160	E-W	September 6/18	Colluvium

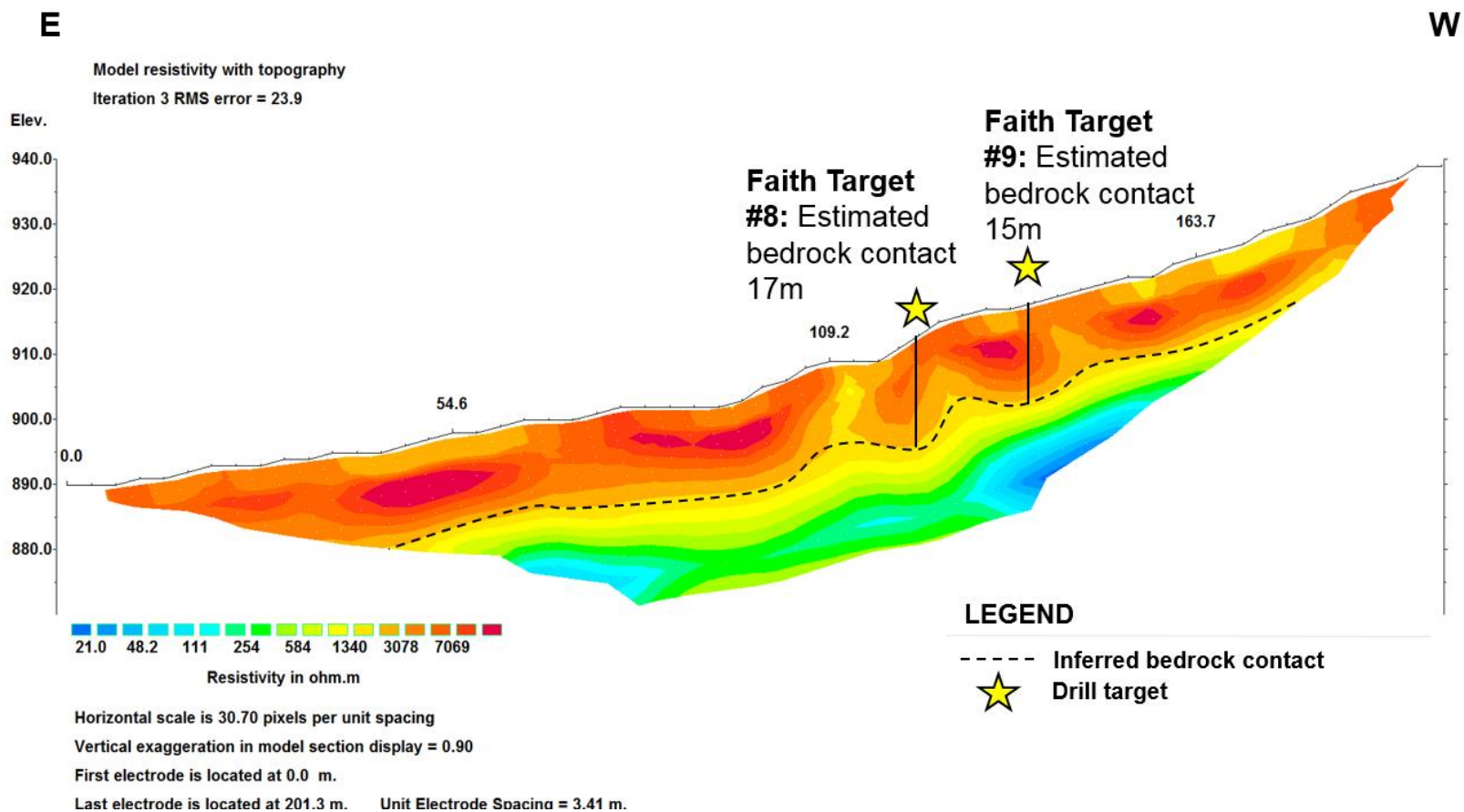


Figure 19 - RES18-FAITH3MILE-01 is surveyed east to west on the left limit of Faith Creek at the confluence with Allen Creek. The survey is located on the bench of Faith Creek and the surficial material is mapped as colluvium. The high resistivity unit at the surface could represent the colluvium. The inferred bedrock contact undulates between 12 to 17m at the deepest. Drill targets have been chosen in the deepest undulations in the proposed bedrock and could represent paleochannels.

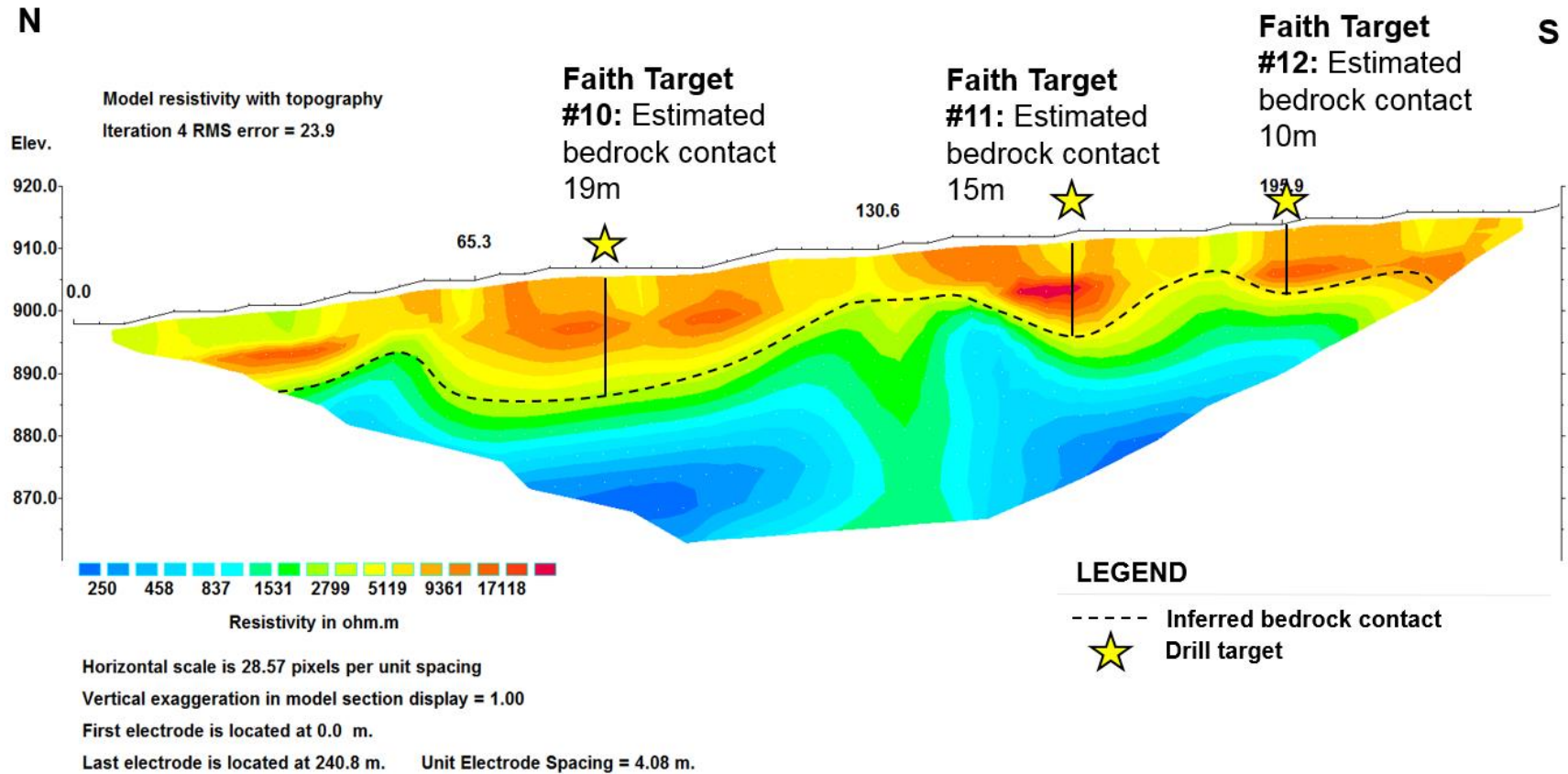


Figure 20 - RES18-FAITH3MILE-02 is surveyed approximately parallel to the main Faith Creek valley and oriented north to south. The high resistivity unit at the surface represents the colluvium that is mapped in this area, and this survey is located along a relatively steep slope. The inferred bedrock contact is undulating and varies between 19m at the deepest and 9m at the shallowest areas. Drill targets have been chosen in the deep areas of the bedrock undulations. The deep areas in this survey could represent deep areas along a paleochannel on the bench of Faith Creek and may have acted as natural riffles, making these deep areas a placer gold target.

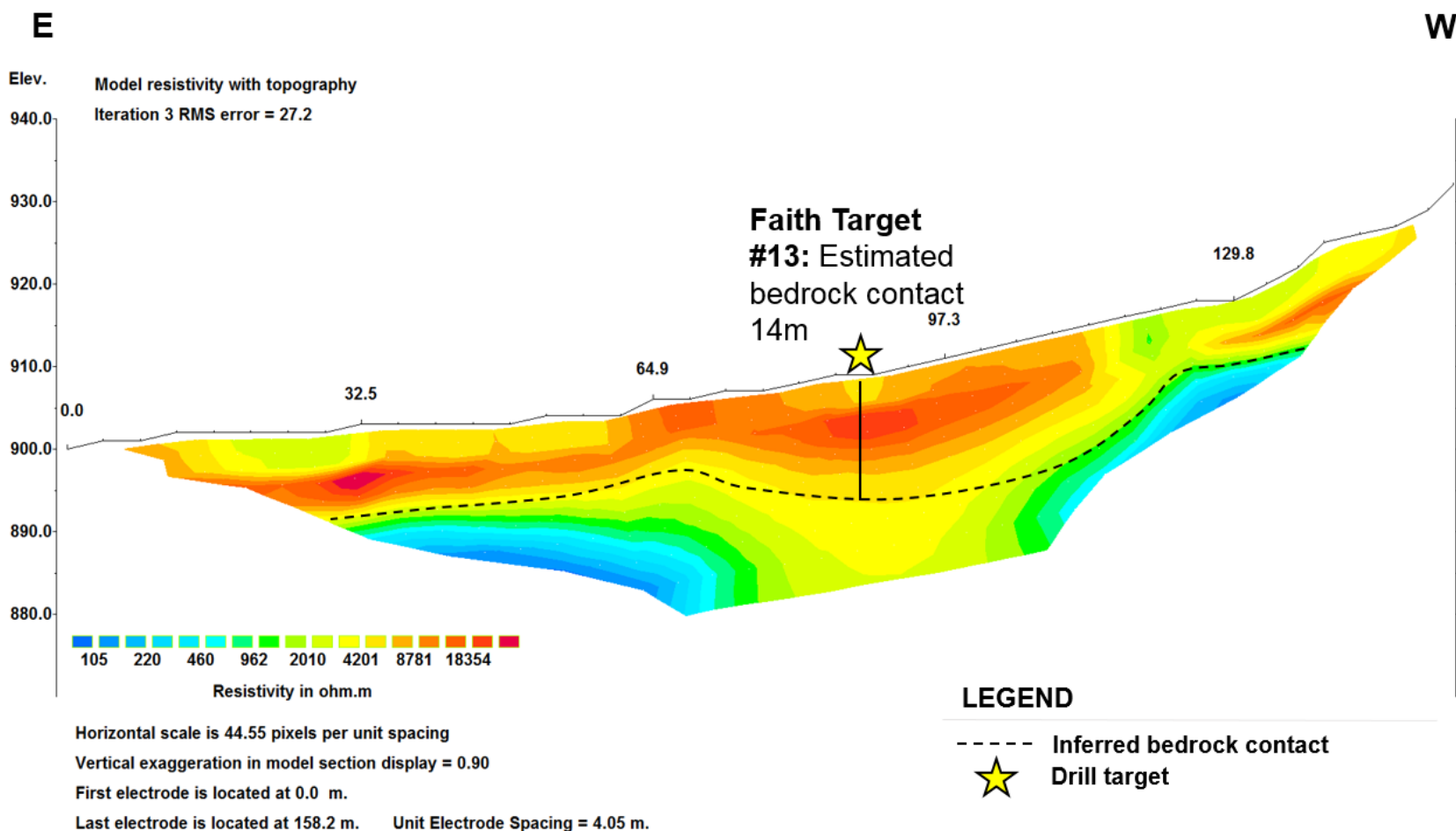


Figure 21 - RES18-FAITH3MILE-03 is located on the left limit of Faith Creek at the confluence with Allen Creek. The survey runs perpendicular to the main Faith Creek valley over mapped colluvium. The inferred bedrock contact is gently undulating to a maximum depth of 14m. The drill target is chosen in the largest bedrock depression, and may be a paleochannel with reworked sediment, making this a placer gold potential target.

Auliv 1-33 P524055-524087 Western Heavy Haul Inc. GM00291 and Anni 8 (P 524744)

Table 6 shows the resistivity lines on McMillan Creek, and Figure 22 shows the location of these surveys relative to the claims and major glacial features. Table 7 details the test pits which were excavated on McMillan Creek.

Table 6 - Resistivity line names, lengths, dates surveyed and surficial units for Auliv and Anni claims.

Auliv 1-33 P524055-524087					
Name	Claim Number	Length (m)	Orientation	Date Surveyed	Surficial Unit (Bond, 1998)
RES18-AULIV13-01	Auliv 13	200	NW-SE	July 27/18	McConnell moraine/Alluvial complex
RES18-AULIV7-01	Auliv 7	200	NW-SE	July 27/18	McConnell moraine/Alluvial complex
RES18-AULIV5-01	Auliv 5	300	NW-SE	July 27/18	Colluvium/Alluvial complex
RES18-ANNI8-01	Anni 8	300	N-S	July 28/18	McConnell moraine

Table 7 – 2018 Excavator test pits, McMillan Creek

2018 Test Pits, McMillan Creek						
Name	Claim Number	Latitude	Longitude	Date Examined	Description (Lithologies, Gold)	Surficial Unit (Bond, 1998)
McMillan 18-01	Anni 2	63.918516	-135.141435	July 2/18	Quartz arenite, vein quartz, diorite, 1 fine Au colour	McConnell moraine
McMillan 18-02	Anni 4	63.919123	-135.135870	July 2/18	Schist, quartzite, vein quartz, 3 fine Au colours	McConnell moraine
McMillan 18-03	Auliv 5	63.920377	-135.135829	July 2/18	Quartzite, diorite	McConnell moraine
McMillan 18-04	Anni 6	63.920358	-135.129694	July 2/18	Quartzite, conglomerate, pyrite, no Au	McConnell moraine

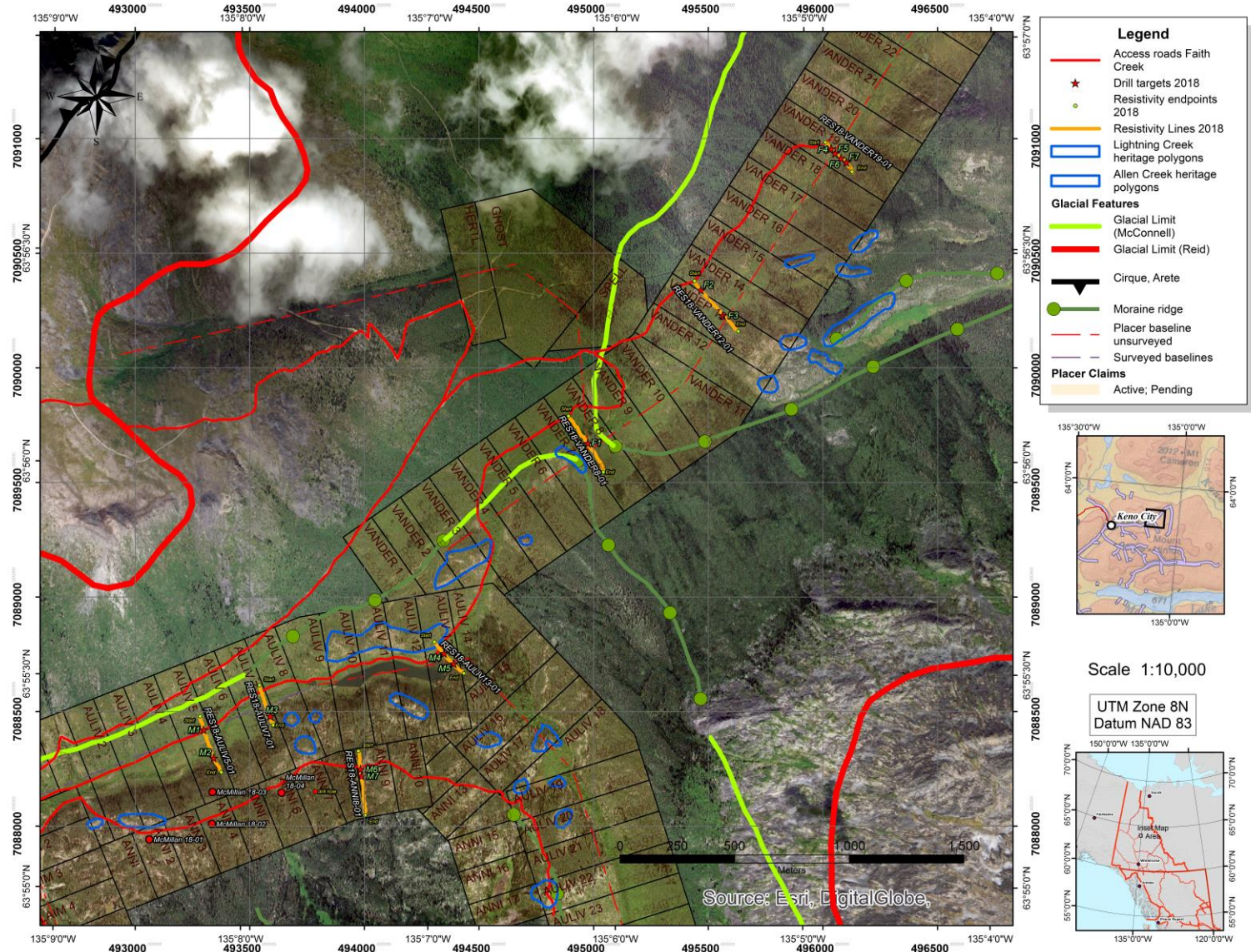


Figure 22- Map of the Auliv (McMillan Creek), Anni (McMillan bench) and Vander claims (upper Faith Creek), showing the location of 2018 resistivity surveys and major glacial features (after Bond, 1998).

NW

RES18-AULIV5-01 300m schlum + non-conventional or general array

SE

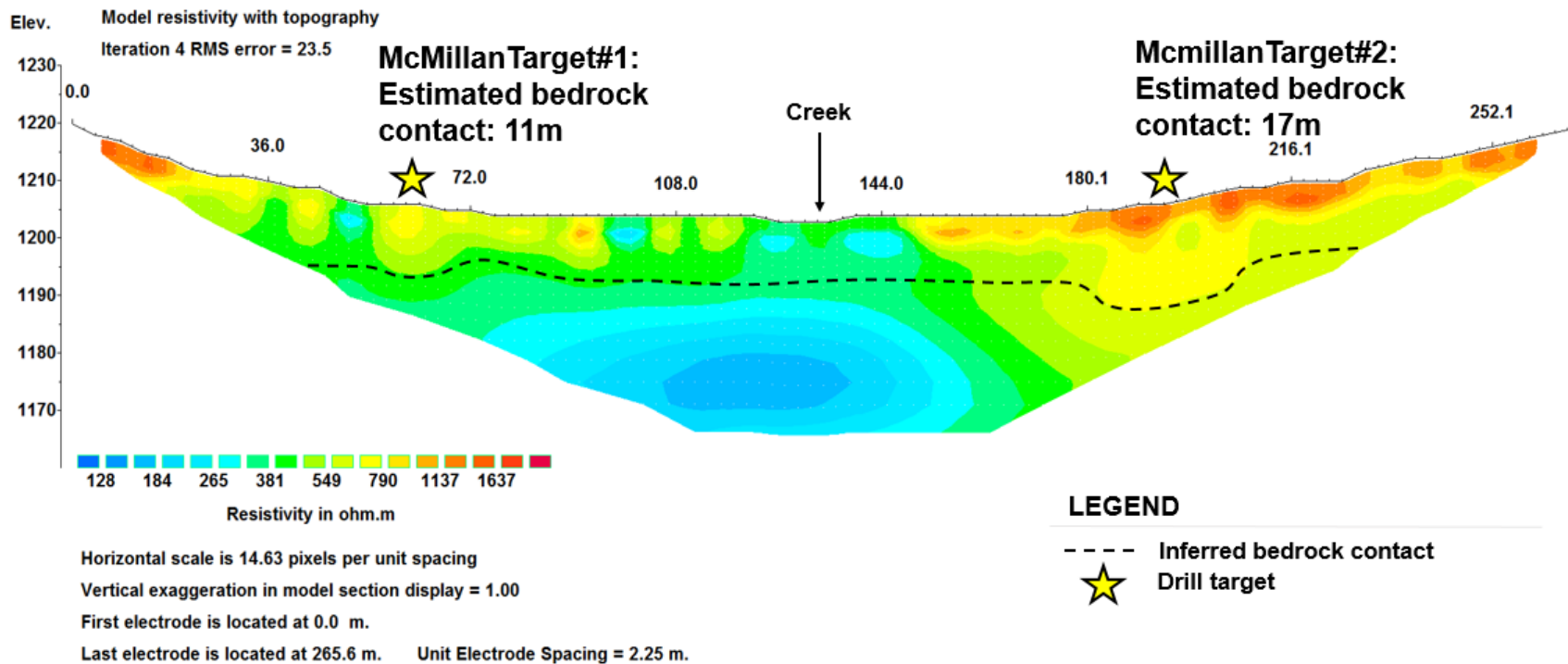


Figure 23 - Resistivity line RES18-AULIV5-01 is surveyed from northwest to southeast across the McMillan Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the sides interpreted as colluvium on the NW side and McConnell till on the SE side. In the bottom of valley, there is lower surface resistivity due to the water saturation of the ground surrounding the creek as well as the interpreted alluvial complex material. The depth of the interpreted bedrock contact ranges between 10m in the valley bottom and undulates as deep as 17m at the SE slope base. Drill targets are chosen in the depressions of the interpreted bedrock contact. The depressions in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

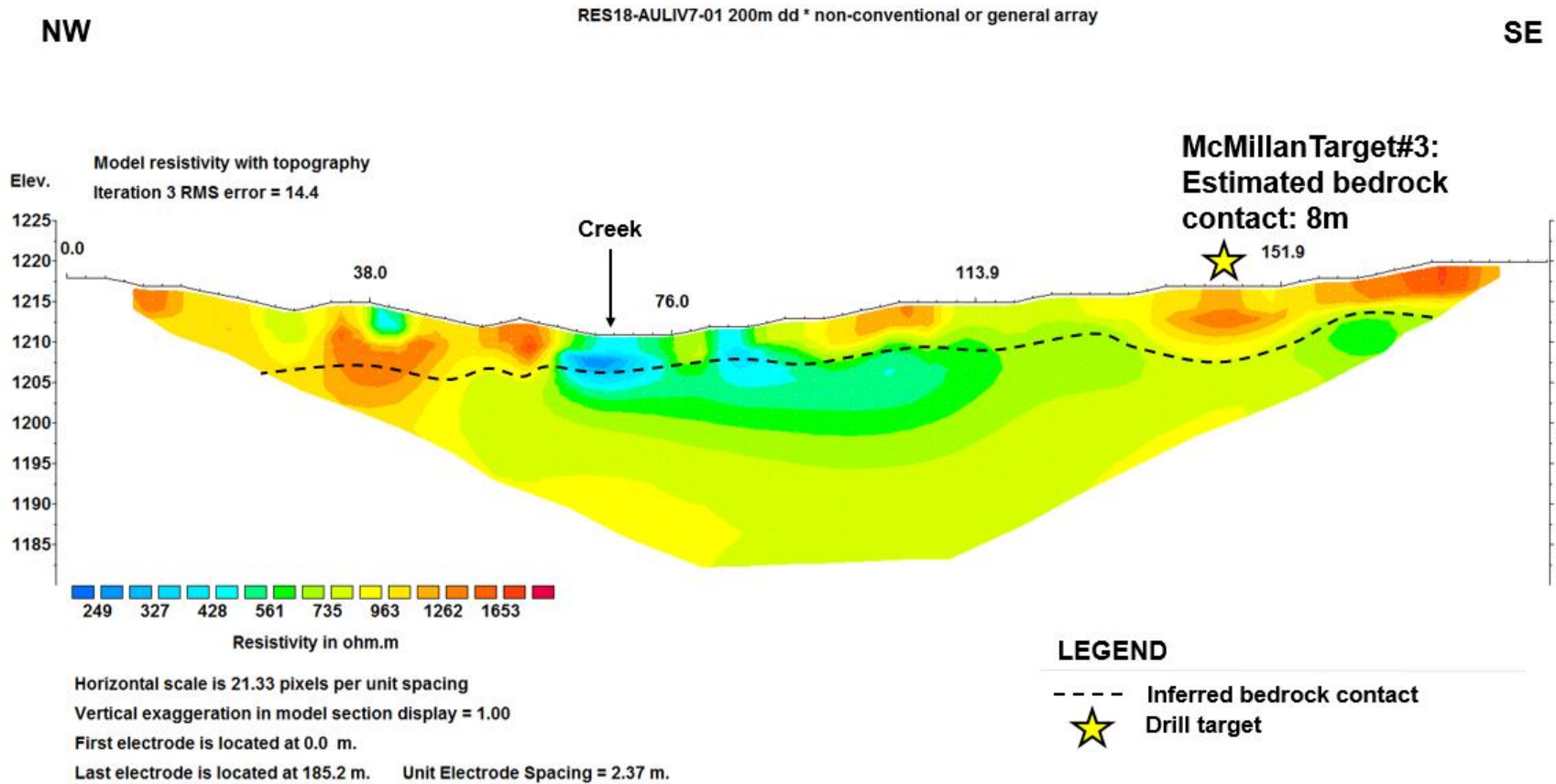


Figure 24 - Resistivity line RES18-AULIV7-01 is surveyed from northwest to southeast across the McMillan Creek valley alluvial complex material. The profile displays a shallow, undulating potential bedrock contact. In the bottom of valley there is lower surface resistivity due to the water saturation of the ground surrounding the creek. The depth of the interpreted bedrock contact ranges between 5m in the valley bottom and undulates as deep as 10m under the NW hillside. One drill target is chosen in the depression of the interpreted bedrock contact. The depression in the bedrock could indicate a paleochannel.

NW

SE

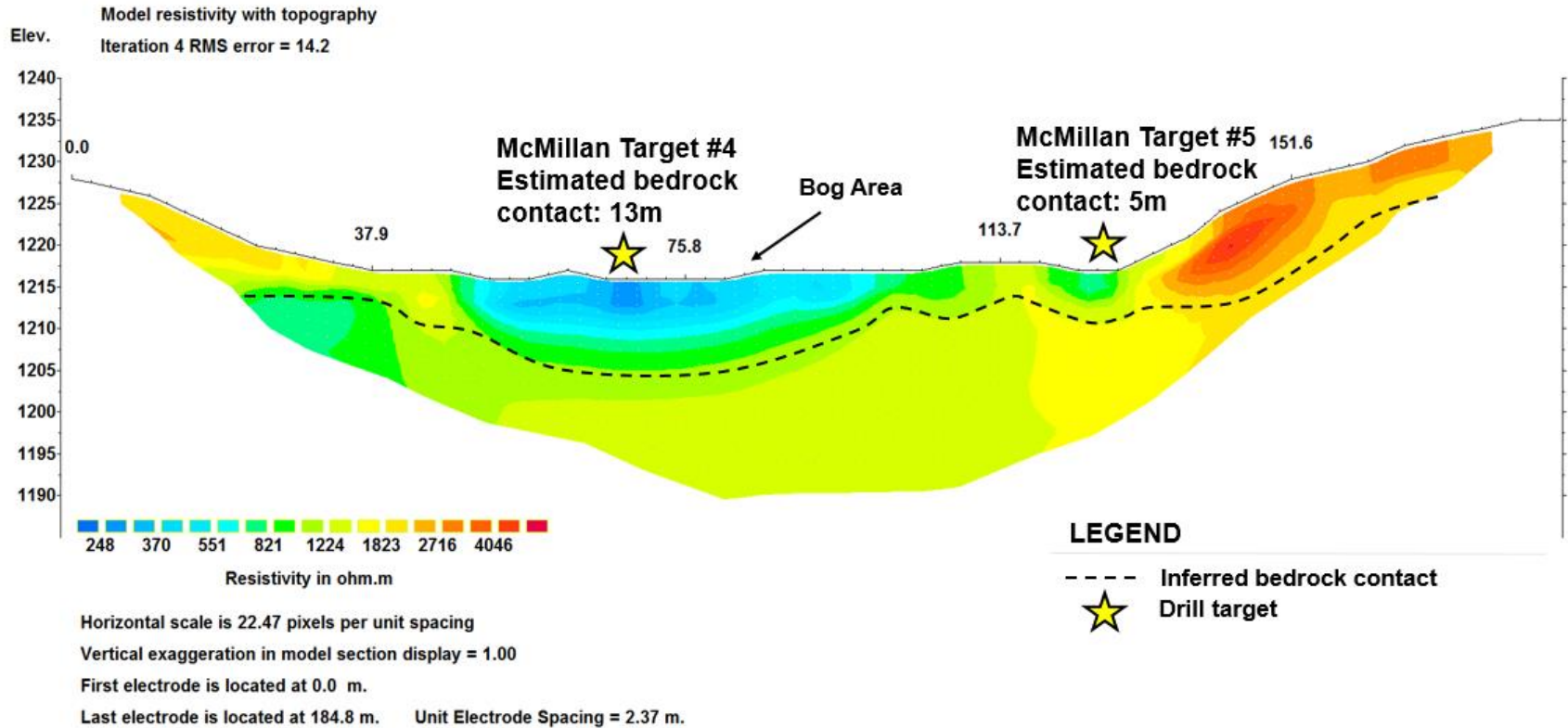


Figure 25 - Resistivity line RES18-AULIV13-01 is surveyed from northwest to southeast across the McMillan Creek valley downstream of a small lake. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the SE side interpreted as McConnell till. In the bottom of valley, there is lower surface resistivity due to water saturation of the ground surrounding a bog area as well as the alluvial complex material. The depth of the interpreted bedrock contact ranges between 5m at the SE slope base and undulates as deep as 13m in the valley bottom. Drill targets are chosen in the low regions of the interpreted bedrock contact. The depressions in the bedrock could indicate paleochannels.

RES18-ANNI8-01 300m schlum * non-conventional or general array

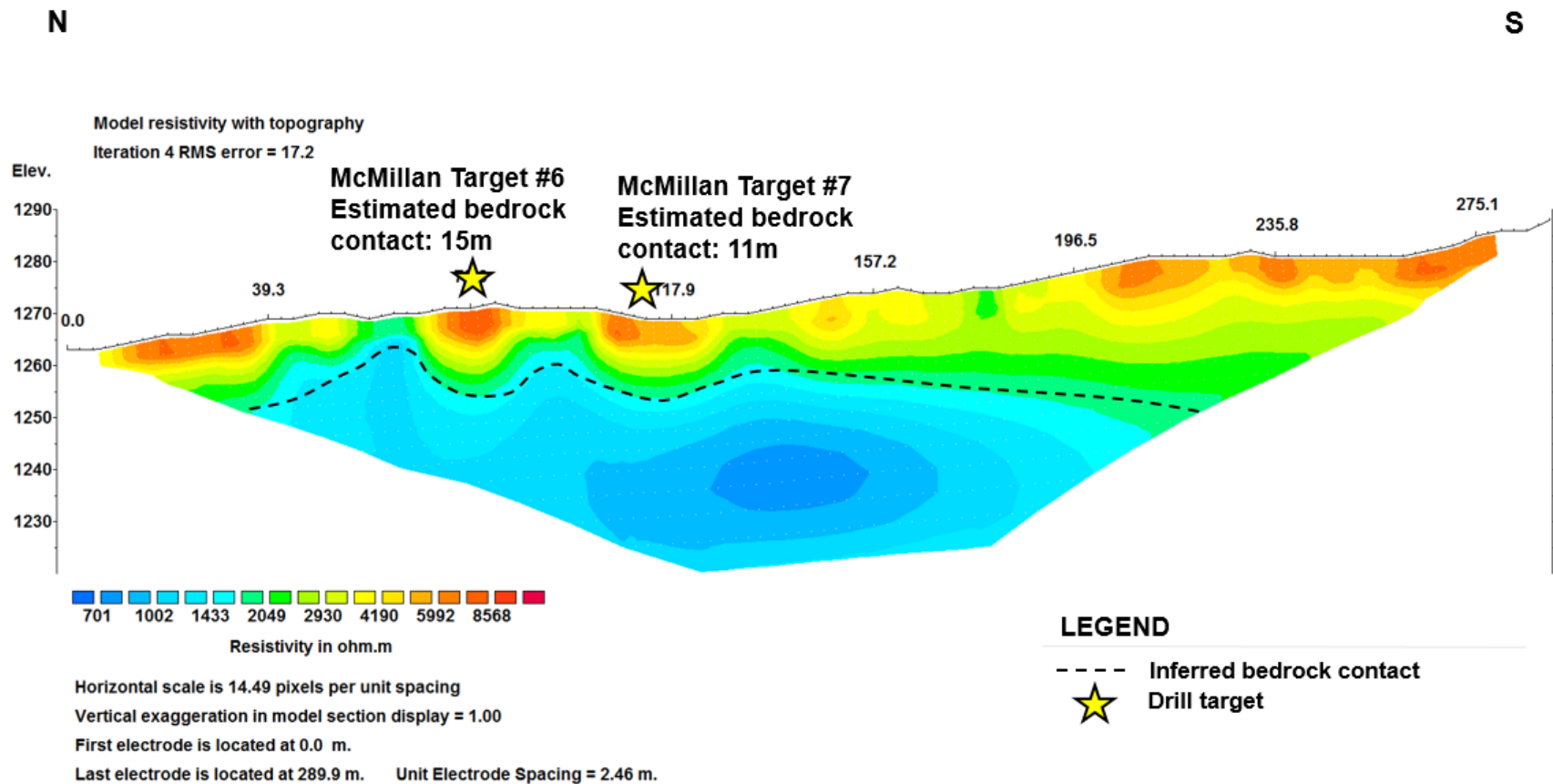


Figure 26 - Resistivity line RES18-ANNI8-01 is surveyed from north to south over the McMillan left limit bench lease. The profile displays a potentially undulating bedrock contact with high surface resistivity interpreted as colluvium and McConnell till. The depth of the interpreted bedrock contact ranges between 11m and undulates as deep as 15m. Drill targets are chosen in the low depressional regions of the interpreted bedrock contact. The depression in the bedrock could indicate an ice-marginal channel with reworked sediment, giving these areas a higher placer gold potential.

Vander 1-34 P524106-524139 Earth & Iron Mines Inc. GM00290

Table 8 shows the resistivity lines on the Vander claims on upper Faith Creek, and Figure 22 shows the location of these surveys relative to the claims and major glacial features.

Table 8 - Resistivity line names, lengths, dates surveyed and surficial units for the Vander claims.

Vander 1-34 P524106-524139 Earth & Iron Mines Inc. GM00290					
Name	Claim Number	Length (m)	Orientation	Date Surveyed	Surficial Unit (Bond, 1998)
RES18-VANDER8-01	Vander 8	300	NW-SE	July 29/18	Alluvial complex/Colluvium
RES18-VANDER12-01	Vander 14	300	NW-SE	July 30/18	Alluvial fan/Alluvial complex
RES18-VANDER19-01	Vander 19	200	NW-SE	July 30/18	Colluvium

NW

RES18-VANDER8-01 300m DD * non-conventional or general array

SE

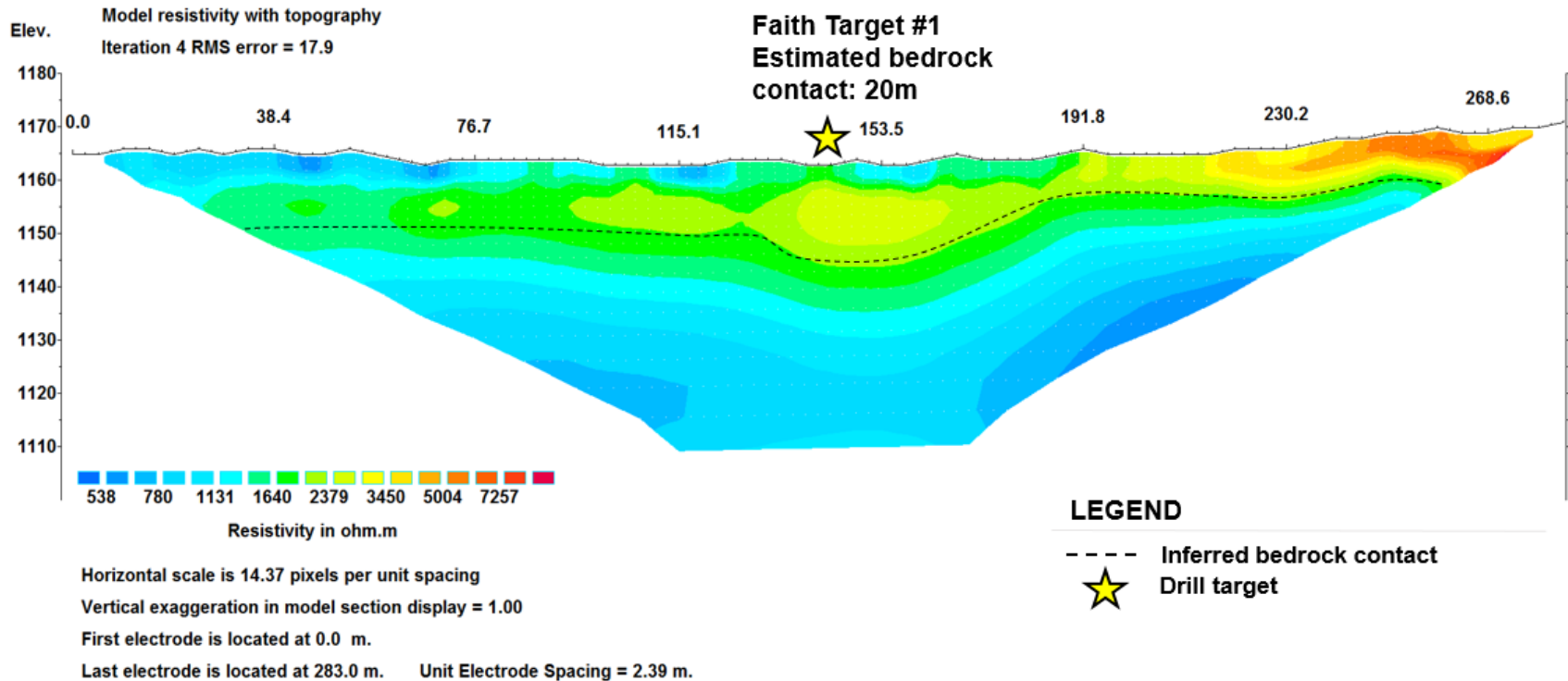


Figure 27 -Resistivity line RES18-VANDER8-01 is surveyed from northwest to southeast across the Faith Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the SE side interpreted as colluvium. The survey that produced this profile did not go across a defined creek, however many small, flowing streams were crossed. This accounts for the low surface resistivity in the bottom of valley as well as the interpreted alluvial complex material. The survey was conducted between two mapped McConnell glacial limits. Due to lack of McConnell glaciation, older Reid glacial material may remain un-scoured. The depth of the interpreted bedrock contact ranges between 12m and undulates as deep as 20m in the bottom of the valley. Drill targets are chosen in the depressions of the interpreted bedrock contact.

NW

SE

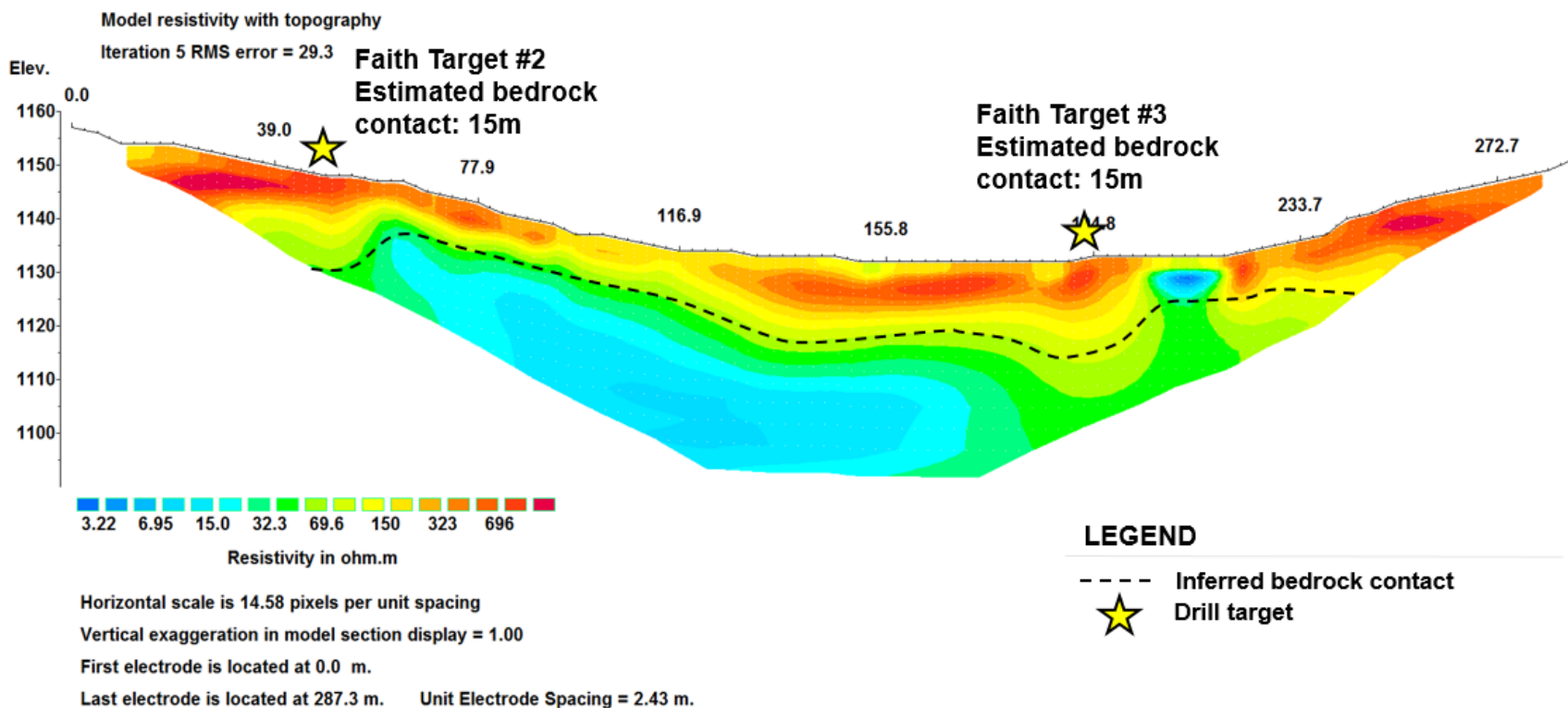


Figure 28 -Resistivity line RES18-VANDER12-01 is surveyed from northwest to southeast across the Faith Creek valley. The profile displays a potentially undulating bedrock contact with the surface resistivity interpreted as alluvial fan material. The survey that produced this profile did not go across a defined creek, however many small, flowing streams were crossed. The depth of the interpreted bedrock contact ranges between 7m and undulates as deep as 15m. Drill targets are chosen in the depressions of the interpreted bedrock contact. The depressions in the bedrock could indicate paleochannels, giving these areas a higher placer gold potential.

NW

SE

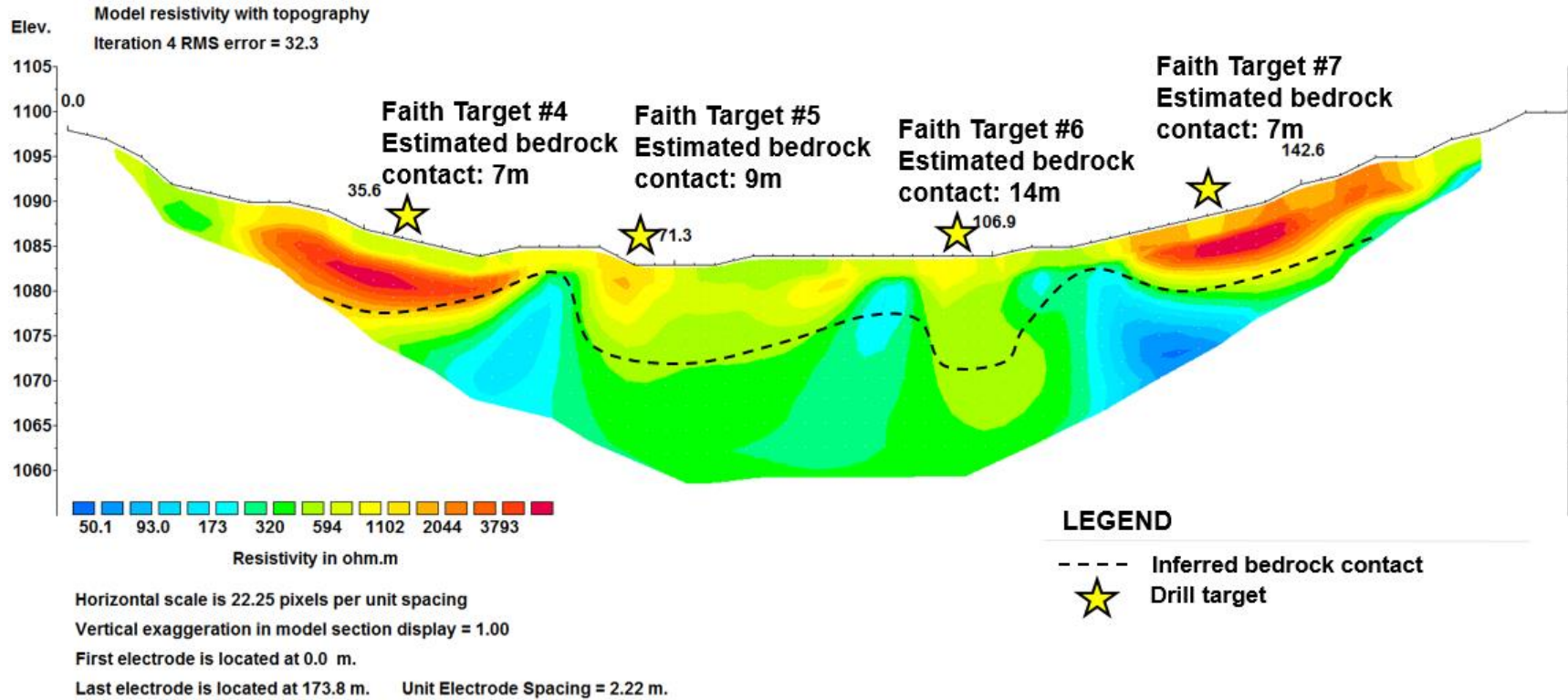


Figure 29 -Resistivity line RES18-VANDER19-01 is surveyed from northwest to southeast across the Faith Creek valley. The profile displays a potentially undulating bedrock contact with higher surface resistivity to the sides interpreted as colluvium on the NW side and McConnell till on the SE side. The depth of the interpreted bedrock contact ranges between 7m and undulates as deep as 14m in the bottom of the valley. Drill targets are chosen in the depressions of the interpreted bedrock contact. The depressions in the bedrock could indicate a paleochannel in the valley with reworked sediment, giving these areas a higher placer gold potential.

Conclusions and Recommendations

Resistivity geophysical surveys are an effective, extremely low-impact method of placer exploration which is highly portable, fast and relatively cost-effective. However, the methodology may reflect permafrost and groundwater conditions which do not directly correlate to lithological contacts. In this respect, results are dramatically improved if other data such as drill holes, test pits or bedrock outcrops are used to corroborate interpreted results. During the surveys, few bedrock outcrops were observed in the survey areas and no drill holes with known depths were present in the McMillan, Faith or Allen Creek areas.

Throughout the surveys, high surface resistivity values corresponded with interpreted McConnell glacial till, permafrost, or colluvial blankets and slide material units on the ground surface. Low surface resistivity units were associated with water-saturated ground surrounding the creeks or bogs in the region. The resistivity values in the medium range are interpreted as possible paleochannel material such as sands and gravel.

A total of 30 drill targets were chosen on the profiles in locations which may be paleochannels, or depressions in the bedrock with placer gold potential. These are shown in Table 9.

On Allen Creek, estimated depths of the targets varied from 8 to 21 metres below surface. In addition, nearby Test pit AYLA-01 encountered large amounts of heavy minerals in pan samples in a coarse boulder layer, which is a promising sign of a potential placer deposit.

On Faith Creek, depths of the targets varied from 7 to 20 metres below surface. On McMillan Creek, estimated depths of the targets varied from 5 to 17 metres.

Further exploration is warranted throughout the entirety of the claims in McMillan, Faith, and Allen Creeks. This should include UAV drone imagery, additional resistivity geophysical surveys and drilling of paleochannel targets using either auger, R/C (reverse circulation) and/or RAB (rotary air blast) methods. High value targets should then be explored by excavator test pitting and/or shafting, detailed sampling and processing of gravel for gold content.

Table 9 - Coordinates and estimated depths of 2018 drill targets chosen in Allen, Faith, and McMillan Creeks.

Target Name	Symbol on maps	Claim Name	Resistivity Line	Latitude	Longitude	Approximate depth to bedrock (m)
Allen #1	A1	AYLA 1	RES18-AYLA1-02	63.962574	-135.0432	13
Allen #2	A2	AYLA 1	RES18-AYLA1-02	63.962481	-135.043833	8
Allen #3	A3	AYLA 1	RES18-AYLA1-02	63.962429	-135.04435	12
Allen #4	A4	AYLA 1	RES18-AYLA1-01	63.962277	-135.042528	21
Allen #5	A5	AYLA 1	RES18-AYLA1-01	63.96209	-135.043686	17
Allen #6	A6	AYLA 25	RES18-AYLA25-01	63.930365	-135.03298	15
Allen #7	A7	AYLA 26	RES18-AYLA26-02	63.9298	-135.03083	8
Allen #8	A8	AYLA 31	RES18-AYLA31-01	63.922894	-135.031999	13
Allen #9	A9	AYLA 32	RES18-AYLA32-01	63.921733	-135.033458	8
Allen #10	A10	AYLA 32	RES18-AYLA32-02	63.922753	-135.031264	16
Faith #1	F1	VANDER 8	RES18-VANDER8-01	63.934065	-135.102503	20
Faith #2	F2	VANDER 12	RES18-VANDER12-01	63.940065	-135.092454	15
Faith #3	F3	VANDER 12	RES18-VANDER12-01	63.93908	-135.090503	15
Faith #4	F4	VANDER 19	RES18-VANDER19-01	63.945615	-135.080878	7
Faith #5	F5	VANDER 19	RES18-VANDER19-01	63.945431	-135.080528	9
Faith #6	F6	VANDER 19	RES18-VANDER19-01	63.945242	-135.079993	14
Faith #7	F7	VANDER 19	RES18-VANDER19-01	63.945085	-135.079519	7
Faith #8	F8	IM00381	RES18-FAITH3MILE-01	63.96432	-135.048764	17
Faith #9	F9	IM00381	RES18-FAITH3MILE-01	63.964426	-135.049142	15
Faith #10	F10	IM00381	RES18-FAITH3MILE-02	63.963331	-135.049119	19
Faith #11	F11	IM00381	RES18-FAITH3MILE-02	63.962784	-135.049989	15
Faith #12	F12	IM00381	RES18-FAITH3MILE-02	63.962522	-135.050318	10
Faith #13	F13	IM00381	RES18-FAITH3MILE-03	63.96373	-135.0494	14
McMillan #1	M1	AULIV 5	RES18-AULIV5-01	63.922815	-135.13663	11
McMillan #2	M2	AULIV 5	RES18-AULIV5-01	63.921713	-135.135733	17
McMillan #3	M3	AULIV 7	RES18-AULIV7-01	63.92335	-135.130689	8
McMillan #4	M4	AULIV 13	RES18-AULIV13-01	63.925825	-135.115262	13
McMillan #5	M5	AULIV 13	RES18-AULIV13-01	63.925418	-135.114395	5
McMillan #6	M6	ANNI 8	RES18-ANNI8-01	63.921284	-135.12266	15
McMillan #7	M7	ANNI 8	RES18-ANNI8-01	63.921019	-135.122576	11

Statements of Qualifications

William LeBarge

I, William LeBarge, of 13 Tigereye Crescent, Whitehorse, Yukon, Canada, DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist with current address at 13 Tigereye Crescent, Whitehorse, Yukon, Canada, Y1A 6G6.
2. I am a graduate of the University of Alberta (B.Sc., 1985, Geology) and the University of Calgary (M.Sc., 1993, Geology – Sedimentology)
3. I am a Practicing Member in Good Standing (#37932) of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).
4. I have practiced my Profession as a Geologist continuously since 1985.

Dated this 27th day of December 2018

William LeBarge, P. Geo.



Selena Magel

I, Selena Magel of 2590 Golf View Crescent, Blind Bay, British Columbia, Canada, DO HEREBY CERTIFY THAT:

1. I am a Geologist in Training, registered with APEGA with current address at 2590 Golf View Crescent, Blind Bay, British Columbia, Canada, V0E 1H2
2. I am a graduate of the University of Calgary (B.Sc., 2017, Geology).
3. I have practiced Geology since May 2017.
4. I have conducted and interpreted over 60km of resistivity surveys since the summer of 2017.

Dated this 27th day of December 2018

Selena Magel, G. I. T.



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Appendix 1 – Placer Claim and Prospecting Lease Status, Earth & Iron Inc. and affiliates.

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 514765	Active	Gray 1	Earth & Iron Inc. - 100%	4/22/2016	4/22/2016	11/30/2019	GM00278
P 514766	Active	Gray 2	Earth & Iron Inc. - 100%	4/22/2016	4/22/2016	11/30/2019	GM00278
P 514767	Active	Gray 3	Earth & Iron Inc. - 100%	4/22/2016	4/22/2016	11/30/2019	GM00278
P 514768	Active	Gray 4	Earth & Iron Inc. - 100%	4/22/2016	4/22/2016	11/30/2019	GM00278
P 514769	Active	Gray 5	Earth & Iron Inc. - 100%	4/22/2016	4/22/2016	11/30/2019	GM00278
P 514770	Active	Gray 6	Earth & Iron Inc. - 100%	4/22/2016	4/22/2016	11/30/2019	GM00278
P 514771	Active	Gray 7	Earth & Iron Inc. - 100%	4/22/2016	4/22/2016	11/30/2019	GM00278
P 514748	Active	Izzie 1	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514749	Active	Izzie 2	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514750	Active	Izzie 3	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514751	Active	Izzie 4	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514752	Active	Izzie 5	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514753	Active	Izzie 6	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514754	Active	Izzie 7	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514755	Active	Izzie 8	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514756	Active	Izzie 9	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514757	Active	Izzie 10	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514758	Active	Izzie 11	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514759	Active	Izzie 12	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514760	Active	Izzie 13	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514761	Active	Izzie 14	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514762	Active	Izzie 15	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 514763	Active	Izzie 16	Earth & Iron Inc. - 100%	4/4/2016	4/5/2016	11/30/2019	GM00278
P 513512	Active	James 1	Earth & Iron Inc. - 100%	7/10/2016	7/13/2016	11/30/2019	GM00278
P 513513	Active	James 2	Earth & Iron Inc. - 100%	7/10/2016	7/13/2016	11/30/2019	GM00278

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 513514	Active	James 3	Earth & Iron Inc. - 100%	7/10/2016	7/13/2016	11/30/2019	GM00278
P 513515	Active	James 4	Earth & Iron Inc. - 100%	7/10/2016	7/13/2016	11/30/2019	GM00278
P 513516	Active	James 5	Earth & Iron Inc. - 100%	7/10/2016	7/13/2016	11/30/2019	GM00278
P 513517	Active	James 6	Earth & Iron Inc. - 100%	7/10/2016	7/13/2016	11/30/2019	GM00278
P 513518	Active	James 7	Earth & Iron Inc. - 100%	7/10/2016	7/13/2016	11/30/2019	GM00278
P 513519	Active	James 8	Earth & Iron Inc. - 100%	7/10/2016	7/13/2016	11/30/2019	GM00278
P 513520	Active	James 9	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513521	Active	James 10	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513522	Active	James 11	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513523	Active	James 12	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513524	Active	James 13	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513525	Active	James 14	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513526	Active	James 15	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513527	Active	James 16	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513528	Active	James 17	Earth & Iron Inc. - 100%	7/11/2016	7/13/2016	11/30/2019	GM00278
P 513540	Active	James 18	Earth & Iron Inc. - 100%	7/13/2016	7/15/2016	11/30/2019	GM00278
P 513724	Pending	James 19	Earth & Iron Inc. - 100%	9/11/2016	9/12/2016	11/30/2019	GM00278
P 513728	Active	Jillian 1	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513729	Active	Jillian 2	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513730	Active	Jillian 3	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513731	Active	Jillian 4	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513732	Active	Jillian 5	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513733	Active	Jillian 6	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513734	Active	Jillian 7	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513735	Active	Jillian 8	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513736	Active	Jillian 9	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513737	Active	Jillian 10	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513738	Active	Jillian 11	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 513739	Active	Jillian 12	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513740	Active	Jillian 13	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513741	Active	Jillian 14	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513742	Active	Jillian 15	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513743	Active	Jillian 16	Earth & Iron Inc. - 100%	9/14/2016	9/15/2016	11/30/2019	GM00278
P 513635	Pending	Jimmy	Earth & Iron Inc. - 100%	8/11/2016	8/22/2016	11/30/2019	GM00278
P 513541	Active	JLSJ 1	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513542	Active	JLSJ 2	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513543	Active	JLSJ 3	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513544	Active	JLSJ 4	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513545	Active	JLSJ 5	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513546	Active	JLSJ 6	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513547	Active	JLSJ 7	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513548	Active	JLSJ 8	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513549	Active	JLSJ 9	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513550	Active	JLSJ 10	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513551	Active	JLSJ 11	Earth & Iron Inc. - 100%	7/14/2016	7/15/2016	11/30/2019	GM00278
P 513632	Active	L.J. 0	Earth & Iron Inc. - 100%	8/5/2016	8/5/2016	11/30/2019	GM00278
P 513633	Active	L.J. 2	Earth & Iron Inc. - 100%	8/5/2016	8/5/2016	11/30/2019	GM00278
P 524241	Active	Lew 1	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524242	Active	Lew 2	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524243	Active	Lew 3	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524244	Active	Lew 4	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524245	Active	Lew 5	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524246	Active	Lew 6	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524247	Active	Lew 7	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524248	Active	Lew 8	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524249	Active	Lew 9	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524250	Active	Lew 10	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524251	Active	Lew 11	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524252	Active	Lew 12	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524253	Active	Lew 13	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524254	Active	Lew 14	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524255	Active	Lew 15	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524256	Active	Lew 16	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524257	Active	Lew 17	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524258	Active	Lew 18	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524259	Active	Lew 19	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524260	Active	Lew 20	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524261	Active	Lew 21	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 524262	Active	Lew 22	Earth & Iron Inc. - 100%	9/6/2017	9/8/2017	11/30/2019	GM00278
P 513786	Pending	Lindsay 12	Earth & Iron Inc. - 100%	12/5/2016	12/6/2016	11/30/2019	GM00278
P 513787	Pending	Lindsay 13	Earth & Iron Inc. - 100%	12/5/2016	12/6/2016	11/30/2019	GM00278
P 513529	Active	Lindsey 1	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513530	Active	Lindsey 2	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513531	Active	Lindsey 3	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513532	Active	Lindsey 4	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513533	Active	Lindsey 5	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513534	Active	Lindsey 6	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513535	Active	Lindsey 7	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513536	Active	Lindsey 8	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513537	Active	Lindsey 9	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513538	Active	Lindsey 10	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 513539	Active	Lindsey 11	Earth & Iron Inc. - 100%	7/13/2016	7/13/2016	11/30/2019	GM00278
P 514448	Active	Sam 1	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514449	Active	Sam 2	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 514450	Active	Sam 3	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514451	Active	Sam 4	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514452	Active	Sam 5	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514453	Active	Sam 6	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514454	Active	Sam 7	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514455	Active	Sam 8	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514456	Active	Sam 9	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514457	Active	Sam 10	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514458	Active	Sam 11	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514459	Active	Sam 12	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514460	Active	Sam 13	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514461	Active	Sam 14	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 514462	Active	Sam 15	Earth & Iron Inc. - 100%	7/10/2015	7/13/2015	11/30/2019	GM00278
P 513725	Active	Sam 2 16	Earth & Iron Inc. - 100%	8/28/2016	9/12/2016	11/30/2019	GM00278
P 513726	Active	Sam 2 17	Earth & Iron Inc. - 100%	8/28/2016	9/12/2016	11/30/2019	GM00278
P 513727	Active	Sam 2 18	Earth & Iron Inc. - 100%	8/28/2016	9/12/2016	11/30/2019	GM00278
P 513580	Active	Stuart 1	Earth & Iron Inc. - 100%	7/12/2016	7/22/2016	11/30/2019	GM00278
P 513581	Active	Stuart 2	Earth & Iron Inc. - 100%	7/12/2016	7/22/2016	11/30/2019	GM00278
P 513582	Active	Stuart 3	Earth & Iron Inc. - 100%	7/12/2016	7/22/2016	11/30/2019	GM00278
P 513583	Active	Stuart 4	Earth & Iron Inc. - 100%	7/12/2016	7/22/2016	11/30/2019	GM00278
P 513584	Active	Stuart 5	Earth & Iron Inc. - 100%	7/12/2016	7/22/2016	11/30/2019	GM00278
P 513585	Active	Stuart 6	Earth & Iron Inc. - 100%	7/12/2016	7/22/2016	11/30/2019	GM00278
P 513586	Active	Stuart 7	Earth & Iron Inc. - 100%	7/12/2016	7/22/2016	11/30/2019	GM00278
P 513587	Active	Stuart 8	Earth & Iron Inc. - 100%	7/12/2016	7/22/2016	11/30/2019	GM00278
P 513588	Active	Stuart 9	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513589	Active	Stuart 10	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513590	Active	Stuart 11	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513591	Active	Stuart 12	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 513592	Active	Stuart 13	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513593	Active	Stuart 14	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513594	Active	Stuart 15	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513595	Active	Stuart 16	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513596	Active	Stuart 17	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513597	Active	Stuart 18	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513598	Active	Stuart 19	Earth & Iron Inc. - 100%	7/14/2016	7/22/2016	11/30/2019	GM00278
P 513723	Pending	Stuart 0 0	Earth & Iron Inc. - 100%	9/11/2016	9/12/2016	11/30/2019	GM00278
P 513842	Active	Ayla 1	Stuart Gray - 100%	7/6/2017	7/10/2017	7/10/2019	GM00289
P 513843	Active	Ayla 2	Stuart Gray - 100%	7/6/2017	7/10/2017	7/10/2019	GM00289
P 513844	Active	Ayla 3	Stuart Gray - 100%	7/6/2017	7/10/2017	7/10/2019	GM00289
P 513845	Active	Ayla 4	Stuart Gray - 100%	7/6/2017	7/10/2017	7/10/2019	GM00289
P 513846	Active	Ayla 5	Stuart Gray - 100%	7/6/2017	7/10/2017	7/10/2019	GM00289
P 513847	Active	Ayla 6	Stuart Gray - 100%	7/6/2017	7/10/2017	7/10/2019	GM00289
P 513848	Active	Ayla 7	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513849	Active	Ayla 8	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513850	Active	Ayla 9	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513851	Active	Ayla 10	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513852	Active	Ayla 11	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513853	Active	Ayla 12	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513854	Active	Ayla 13	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513855	Active	Ayla 14	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513856	Active	Ayla 15	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513857	Active	Ayla 16	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513858	Active	Ayla 17	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513859	Active	Ayla 18	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513860	Active	Ayla 19	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513861	Active	Ayla 20	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 513862	Active	Ayla 21	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513863	Active	Ayla 22	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513864	Active	Ayla 23	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513865	Active	Ayla 24	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513866	Active	Ayla 25	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513867	Active	Ayla 26	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513868	Active	Ayla 27	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513869	Active	Ayla 28	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513870	Active	Ayla 29	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513871	Active	Ayla 30	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513872	Active	Ayla 31	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513873	Active	Ayla 32	Stuart Gray - 100%	7/9/2017	7/10/2017	7/10/2019	GM00289
P 513874	Active	Ayla 33	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513875	Active	Ayla 34	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513876	Active	Ayla 35	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513877	Active	Ayla 36	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513878	Active	Ayla 37	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513879	Active	Ayla 38	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513880	Active	Ayla 39	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513881	Active	Ayla 40	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513882	Active	Ayla 41	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513883	Active	Ayla 42	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513884	Active	Ayla 43	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513885	Active	Ayla 44	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513886	Active	Ayla 45	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513887	Active	Ayla 46	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513888	Active	Ayla 47	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513889	Active	Ayla 48	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 513890	Active	Ayla 49	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513891	Active	Ayla 50	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513892	Active	Ayla 51	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 513893	Active	Ayla 52	Stuart Gray - 100%	7/8/2017	7/10/2017	7/10/2019	GM00289
P 524106	Active	Vander 1	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524107	Active	Vander 2	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524108	Active	Vander 3	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524109	Active	Vander 4	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524110	Active	Vander 5	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524111	Active	Vander 6	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524112	Active	Vander 7	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524113	Active	Vander 8	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524114	Active	Vander 9	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524115	Active	Vander 10	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524116	Active	Vander 11	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524117	Active	Vander 12	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524118	Active	Vander 13	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524119	Active	Vander 14	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524120	Active	Vander 15	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524121	Active	Vander 16	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524122	Active	Vander 17	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524123	Active	Vander 18	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524124	Active	Vander 19	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524125	Active	Vander 20	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524126	Active	Vander 21	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524127	Active	Vander 22	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524128	Active	Vander 23	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524129	Active	Vander 24	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524130	Active	Vander 25	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524131	Active	Vander 26	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524132	Active	Vander 27	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524133	Active	Vander 28	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524134	Active	Vander 29	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524135	Active	Vander 30	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524136	Active	Vander 31	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524137	Active	Vander 32	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524138	Active	Vander 33	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524139	Active	Vander 34	Earth & Iron Mines Inc. - 100%	8/12/2017	8/18/2017	8/18/2021	GM00290
P 524054	Active	Auliv	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524055	Active	Auliv 1	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524056	Active	Auliv 2	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524057	Active	Auliv 3	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524058	Active	Auliv 4	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524059	Active	Auliv 5	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524060	Active	Auliv 6	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524061	Active	Auliv 7	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524062	Active	Auliv 8	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524063	Active	Auliv 9	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524064	Active	Auliv 10	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524065	Active	Auliv 11	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524066	Active	Auliv 12	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524067	Active	Auliv 13	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524068	Active	Auliv 14	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524069	Active	Auliv 15	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524070	Active	Auliv 16	Western Heavy Haul Inc. - 100%	6/25/2017	7/10/2017	7/10/2021	GM00291
P 524071	Active	Auliv 17	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524072	Active	Auliv 18	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524073	Active	Auliv 19	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524074	Active	Auliv 20	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524075	Active	Auliv 21	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524076	Active	Auliv 22	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524077	Active	Auliv 23	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524078	Active	Auliv 24	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524079	Active	Auliv 25	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524080	Active	Auliv 26	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524081	Active	Auliv 27	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524082	Active	Auliv 28	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524083	Active	Auliv 29	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524084	Active	Auliv 30	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524085	Active	Auliv 31	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524086	Active	Auliv 32	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524087	Active	Auliv 33	Western Heavy Haul Inc. - 100%	6/26/2017	7/10/2017	7/10/2021	GM00291
P 524010	Pending	Dean 1	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524011	Pending	Dean 2	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524012	Pending	Dean 3	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524013	Pending	Dean 4	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524014	Pending	Dean 5	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524015	Pending	Dean 6	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524016	Pending	Dean 7	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524017	Pending	Dean 8	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524018	Pending	Dean 9	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524019	Pending	Dean 10	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524020	Pending	Dean 11	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524021	Pending	Dean 12	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524022	Pending	Dean 13	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524023	Pending	Dean 14	Dean Gray Enterprises Ltd. - 100%	7/13/2017	7/24/2017	11/1/2020	
P 524024	Pending	Dean 15	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524025	Pending	Dean 16	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524026	Pending	Dean 17	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524027	Pending	Dean 18	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524028	Pending	Dean 19	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524029	Pending	Dean 20	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524030	Pending	Dean 21	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524031	Pending	Dean 22	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524032	Pending	Dean 23	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524033	Pending	Dean 24	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524034	Pending	Dean 25	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524035	Pending	Dean 26	Dean Gray Enterprises Ltd. - 100%	7/14/2017	7/24/2017	11/1/2020	
P 524187	Active	Gold 1	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524188	Active	Gold 2	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524189	Active	Gold 3	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524190	Active	Gold 4	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524191	Active	Gold 5	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524192	Active	Gold 6	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524193	Active	Gold 7	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524194	Active	Gold 8	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524195	Active	Gold 9	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524196	Active	Gold 10	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524197	Active	Gold 11	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524198	Active	Gold 12	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524199	Active	Gold 13	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524200	Active	Gold 14	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524201	Active	Gold 15	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524202	Active	Gold 16	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524203	Active	Gold 17	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524204	Active	Gold 18	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524205	Active	Gold 19	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524206	Active	Gold 20	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524207	Active	Gold 21	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524208	Active	Gold 22	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524209	Active	Gold 23	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524210	Active	Gold 24	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524211	Active	Gold 25	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524212	Active	Gold 26	Earth & Iron Inc. - 100%	8/16/2017	8/30/2017	11/1/2020	
P 524213	Active	Gold 27	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524214	Active	Gold 28	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524215	Active	Gold 29	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524216	Active	Gold 30	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524217	Active	Gold 31	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524218	Active	Gold 32	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524219	Active	Gold 33	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524220	Active	Gold 34	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524221	Active	Gold 35	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524222	Active	Gold 36	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524223	Active	Gold 37	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524224	Active	Gold 38	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524225	Active	Gold 39	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524226	Active	Gold 40	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524227	Active	Gold 41	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524228	Active	Gold 42	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524229	Active	Gold 43	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524230	Active	Gold 44	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524231	Active	Gold 45	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524232	Active	Gold 46	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524233	Active	Gold 47	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524234	Active	Gold 48	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524235	Active	Gold 49	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524236	Active	Gold 50	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524237	Active	Gold 51	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524238	Active	Gold 52	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524239	Active	Gold 53	Earth & Iron Inc. - 100%	8/17/2017	8/30/2017	11/1/2020	
P 524993	Pending	Susan 1	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 524994	Pending	Susan 2	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 524995	Pending	Susan 3	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 524996	Pending	Susan 4	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 524997	Pending	Susan 5	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 524998	Pending	Susan 6	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 524999	Pending	Susan 7	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 525000	Pending	Susan 8	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 525001	Pending	Susan 9	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 525002	Pending	Susan 10	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 525003	Pending	Susan 11	Earth & Iron Inc. - 100%	8/31/2018	9/14/2018	9/14/2019	
P 524710	Pending	Alex 1	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524711	Pending	Alex 2	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524712	Pending	Alex 3	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524713	Pending	Alex 4	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524714	Pending	Alex 5	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524715	Pending	Alex 6	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524716	Pending	Alex 7	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524717	Pending	Alex 8	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524718	Pending	Alex 9	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524719	Pending	Alex 10	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524720	Pending	Alex 11	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524721	Pending	Alex 12	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524722	Pending	Alex 13	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524723	Pending	Alex 14	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524724	Pending	Alex 15	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524725	Pending	Alex 16	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524726	Pending	Alex 17	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524727	Pending	Alex 18	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524728	Pending	Alex 19	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524729	Pending	Alex 20	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524730	Pending	Alex 21	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524731	Pending	Alex 22	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524732	Pending	Alex 23	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524733	Pending	Alex 24	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524734	Pending	Alex 25	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524735	Pending	Alex 26	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524736	Pending	Alex 27	Earth & Iron Mines Inc. - 100%	7/13/2018	7/17/2018	7/17/2019	
P 524684	Pending	Ash 1	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524685	Pending	Ash 2	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524686	Pending	Ash 3	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524687	Pending	Ash 4	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524688	Pending	Ash 5	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524689	Pending	Ash 6	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524690	Pending	Ash 7	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524691	Pending	Ash 8	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524692	Pending	Ash 9	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524693	Pending	Ash 10	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524694	Pending	Ash 11	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524695	Pending	Ash 12	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524696	Pending	Ash 13	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524697	Pending	Ash 14	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524698	Pending	Ash 15	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524699	Pending	Ash 16	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524700	Pending	Ash 17	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524701	Pending	Ash 18	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524702	Pending	Ash 19	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524703	Pending	Ash 20	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524704	Pending	Ash 21	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524705	Pending	Ash 22	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524706	Pending	Ash 23	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524707	Pending	Ash 24	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524708	Pending	Ash 25	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 524709	Pending	Ash 26	Earth & Iron Mines Inc. - 100%	7/9/2018	7/17/2018	7/17/2019	
P 513954	Pending	CoDisc 1	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513955	Pending	CoDisc 2	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 525004	Pending	Discovery	Earth & Iron Mines Inc. - 100%	9/1/2018	9/14/2018	9/14/2019	
P 513956	Active	Earth 1	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513957	Active	Earth 2	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513958	Active	Earth 3	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513959	Active	Earth 4	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513960	Active	Earth 5	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513961	Active	Earth 6	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 513962	Active	Earth 7	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513963	Active	Earth 8	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513964	Active	Earth 9	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513965	Active	Earth 10	Earth & Iron Mines Inc. - 100%	7/22/2017	7/24/2017	11/1/2020	
P 513776	Pending	Key 1	Earth & Iron Mines Inc. - 100%	11/1/2016	11/4/2016	11/30/2020	
P 513777	Pending	Key 2	Earth & Iron Mines Inc. - 100%	11/1/2016	11/4/2016	11/30/2020	
P 513778	Pending	Key 3	Earth & Iron Mines Inc. - 100%	11/1/2016	11/4/2016	11/30/2020	
P 513779	Pending	Key 4	Earth & Iron Mines Inc. - 100%	11/1/2016	11/4/2016	11/30/2020	
P 513780	Pending	Key 5	Earth & Iron Mines Inc. - 100%	11/1/2016	11/4/2016	11/30/2020	
P 513781	Pending	Key 6	Earth & Iron Mines Inc. - 100%	11/1/2016	11/4/2016	11/30/2020	
P 513966	Active	Key Left 1	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513967	Active	Key Left 2	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513968	Active	Key Left 3	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513969	Active	Key Left 4	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513970	Active	Key Left 5	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513971	Active	Key Left 6	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513972	Active	Key Left 7	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513973	Active	Key Left 8	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513974	Active	Key Left 9	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513975	Active	Key Left 10	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513976	Active	Key Left 11	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513977	Active	Key Left 12	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513978	Active	Key Left 13	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513979	Active	Key Left 14	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513980	Active	Key Left 15	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513981	Active	Key Left 16	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513982	Active	Key Left 17	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513983	Active	Key Left 18	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 513984	Active	Key Left 19	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513985	Active	Key Left 20	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513986	Active	Key Left 21	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513987	Active	Key Left 22	Earth & Iron Mines Inc. - 100%	7/20/2017	7/24/2017	11/30/2020	
P 513988	Pending	Key Right 1	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513989	Pending	Key Right 2	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513990	Pending	Key Right 3	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513991	Pending	Key Right 4	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513992	Pending	Key Right 5	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513993	Pending	Key Right 6	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513994	Pending	Key Right 7	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513995	Pending	Key Right 8	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513996	Pending	Key Right 9	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513997	Pending	Key Right 10	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513998	Pending	Key Right 11	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 513999	Pending	Key Right 12	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 514000	Pending	Key Right 13	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524001	Pending	Key Right 14	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524002	Pending	Key Right 15	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524003	Pending	Key Right 16	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524004	Pending	Key Right 17	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524005	Pending	Key Right 18	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524006	Pending	Key Right 19	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524007	Pending	Key Right 20	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524008	Pending	Key Right 21	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 524009	Pending	Key Right 22	Earth & Iron Mines Inc. - 100%	7/21/2017	7/24/2017	11/30/2020	
P 514863	Active	Keystone 1	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514864	Active	Keystone 2	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 514865	Active	Keystone 3	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514866	Active	Keystone 4	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514867	Active	Keystone 5	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514868	Active	Keystone 6	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514869	Active	Keystone 7	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514870	Active	Keystone 8	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514871	Active	Keystone 9	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514872	Active	Keystone 10	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514873	Active	Keystone 11	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514874	Active	Keystone 12	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514875	Active	Keystone 13	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514876	Active	Keystone 14	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514877	Active	Keystone 15	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514878	Active	Keystone 16	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514879	Active	Keystone 17	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514880	Active	Keystone 18	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514881	Active	Keystone 19	Earth & Iron Mines Inc. - 100%	6/8/2016	6/10/2016	11/30/2020	
P 514882	Active	Keystone 20	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514883	Active	Keystone 21	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514884	Active	Keystone 22	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514885	Active	Keystone 23	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514886	Active	Keystone 24	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514887	Active	Keystone 25	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514888	Active	Keystone 26	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514889	Active	Keystone 27	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514890	Active	Keystone 28	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514891	Active	Keystone 29	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514892	Active	Keystone 30	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 514893	Active	Keystone 31	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 514894	Active	Keystone 32	Earth & Iron Mines Inc. - 100%	6/9/2016	6/10/2016	11/30/2020	
P 524088	Active	T 1	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524089	Active	T 2	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524090	Active	T 3	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524091	Active	T 4	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524092	Active	T 5	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524093	Active	T 6	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524094	Active	T 7	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524095	Active	T 8	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524096	Active	T 9	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524097	Active	T 10	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524098	Active	T 11	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524099	Active	T 12	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524100	Active	T 13	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524101	Active	T 14	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524102	Active	T 15	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524103	Active	T 16	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524104	Active	T 17	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524105	Active	T 18	Earth & Iron Mines Inc. - 100%	7/14/2017	7/18/2017	11/30/2020	
P 524264	Active	Roady 1	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524265	Active	Roady 2	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524266	Active	Roady 3	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524267	Active	Roady 4	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524268	Active	Roady 5	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524269	Active	Roady 6	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524270	Active	Roady 7	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524271	Active	Roady 8	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524272	Active	Roady 9	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524273	Active	Roady 10	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524274	Active	Roady 11	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524275	Active	Roady 12	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524276	Active	Roady 13	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524277	Active	Roady 14	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524278	Active	Roady 15	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524279	Active	Roady 16	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524280	Active	Roady 17	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524281	Active	Roady 18	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524282	Active	Roady 19	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524283	Active	Roady 20	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524284	Active	Roady 21	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524285	Active	Roady 22	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524286	Active	Roady 23	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524287	Active	Roady 24	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524288	Active	Roady 25	Earth & Iron Projects Inc. - 100%	8/19/2017	8/30/2017	11/1/2020	
P 524289	Active	Roady 26	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524290	Active	Roady 27	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524291	Active	Roady 28	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524292	Active	Roady 29	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524293	Active	Roady 30	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524294	Active	Roady 31	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524295	Active	Roady 32	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524296	Active	Roady 33	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524297	Active	Roady 34	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524298	Active	Roady 35	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524299	Active	Roady 36	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 524300	Active	Roady 37	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524301	Active	Roady 38	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524302	Active	Roady 39	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524303	Active	Roady 40	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524304	Active	Roady 41	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524305	Active	Roady 42	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524306	Active	Roady 43	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524307	Active	Roady 44	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524308	Active	Roady 45	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524309	Active	Roady 46	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524310	Active	Roady 47	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524311	Active	Roady 48	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524312	Active	Roady 49	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524313	Active	Roady 50	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524314	Active	Roady 51	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524315	Active	Roady 52	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524316	Active	Roady 53	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524317	Active	Roady 54	Earth & Iron Projects Inc. - 100%	8/20/2017	8/30/2017	11/1/2020	
P 524420	Pending	S.G. 1	Earth & Iron YT Inc. - 100%	5/17/2018	5/29/2018	5/29/2019	
P 509041	Active	BRODIE 1	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/13/2011	8/16/2011	11/1/2022	
P 509042	Active	BRODIE 2	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/13/2011	8/16/2011	11/1/2022	
P 509043	Active	BRODIE 3	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/13/2011	8/16/2011	11/1/2022	
P 509044	Active	BRODIE 4	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/13/2011	8/16/2011	11/1/2022	
P 509045	Active	BRODIE 5	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/13/2011	8/16/2011	11/1/2022	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 509046	Active	BRODIE 6	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/13/2011	8/16/2011	11/1/2022	
P 509047	Active	BRODIE 7	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/13/2011	8/16/2011	11/1/2021	
P 509048	Active	BRODIE 8	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/13/2011	8/16/2011	11/1/2021	
P 524049	Active	Chris	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/1/2017	8/2/2017	11/1/2020	
P 524053	Active	Mike	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/1/2017	8/3/2017	11/1/2020	
P 524052	Active	Pilkey	James (Jim) Davies - 50%, Earth & Iron Mines Inc. - 50%	8/1/2017	8/3/2017	11/1/2020	
P 525005	Pending	Elias 1	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525006	Pending	Elias 2	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525007	Pending	Elias 3	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525008	Pending	Elias 4	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525009	Pending	Elias 5	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525010	Pending	Elias 6	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525011	Pending	Elias 7	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525012	Pending	Elias 8	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525013	Pending	Elias 9	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525014	Pending	Elias 10	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525015	Pending	Elias 11	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525016	Pending	Elias 12	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525017	Pending	Elias 13	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525018	Pending	Elias 14	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525019	Pending	Elias 15	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525020	Pending	Elias 16	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525021	Pending	Elias 17	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525022	Pending	Elias 18	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 525023	Pending	Elias 19	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525024	Pending	Elias 20	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525025	Pending	Elias 21	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525026	Pending	Elias 22	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525027	Pending	Elias 23	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525028	Pending	Elias 24	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525029	Pending	Elias 25	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525030	Pending	Elias 26	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525031	Pending	Elias 27	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525032	Pending	Elias 28	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525033	Pending	Elias 29	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525034	Pending	Elias 30	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525035	Pending	Elias 31	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525036	Pending	Elias 32	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525037	Pending	Elias 33	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525038	Pending	Elias 34	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525039	Pending	Elias 35	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525040	Pending	Elias 36	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525041	Pending	Elias 37	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525042	Pending	Elias 38	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525043	Pending	Elias 39	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525044	Pending	Elias 40	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525045	Pending	Elias 41	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525046	Pending	Elias 42	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525047	Pending	Elias 43	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525048	Pending	Elias 44	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525049	Pending	Elias 45	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525050	Pending	Elias 46	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	

GRANT NUMBER	STATUS	CLAIM NAME	OWNER NAME	STAKING DATE	RECORDED DATE	EXPIRY DATE	GROUPING NUMBER
P 525051	Pending	Elias 47	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525052	Pending	Elias 48	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525053	Pending	Elias 49	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525054	Pending	Elias 50	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 525055	Pending	Elias 51	Stuart Gray - 100%	9/6/2018	9/14/2018	9/14/2019	
P 524422	Pending	Lake 1	Stuart Gray - 100%	5/19/2018	5/29/2018	5/29/2019	
P 524423	Pending	Lake 2	Earth & Iron Inc. - 100%	5/19/2018	5/29/2018	5/29/2019	
P 524421	Pending	S.G. 2	Stuart Gray - 100%	5/17/2018	5/29/2018	5/29/2019	
P 524737	Pending	Anni 1	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524738	Pending	Anni 2	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524739	Pending	Anni 3	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524740	Pending	Anni 4	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524741	Pending	Anni 5	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524742	Pending	Anni 6	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524743	Pending	Anni 7	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524744	Pending	Anni 8	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524745	Pending	Anni 9	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524746	Pending	Anni 10	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524747	Pending	Anni 11	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524748	Pending	Anni 12	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524749	Pending	Anni 13	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524750	Pending	Anni 14	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524751	Pending	Anni 15	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524752	Pending	Anni 16	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	
P 524753	Pending	Anni 17	Western Heavy Haul Inc. - 100%	7/15/2018	7/17/2018	7/17/2019	

Grant number	Tenure	Status	Length	Owner	Staking Date	Recorded Date	Expiry Date	District
IM00381	Prospecting lease	Active	3 MILES	Dean Gray Enterprises Ltd. - 100%	5/19/2018	5/29/2018	5/29/2019	Mayo
IM00393	Prospecting lease	Pending	1 MILE	Stuart Gray - 100%	9/30/2018	10/01/2018	10/01/2019	Mayo