

Geological and Geochemical

Assessment Report on the Spanish Creek Property

Cariboo Mining Division, British Columbia



**BC Geological Survey
Assessment Report
33989**

for

Barker Minerals Ltd.
8384 Toombs Drive
Prince George, B.C.
V2K 5A3

Prepared by:

Louis Doyle

April 20, 2013

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1.0 SUMMARY

The mineral claims comprising the property are owned by and registered in the name of Barker Minerals Ltd. During the summer of 2012 a total of 76 soil samples and 7 outcrop rock samples were collected and GPS'd along 1.85 km of the Shinev Mineral Road. The samples were conducted as a follow up to the discovery of high grade float mineralization in 2011 described below. The purpose of the 2012 program was also conducted to determine the gold, and gold pathfinder, in soil environment with the use of a hand held XRF analyzer. The soil samples were collected and once at camp they were dried, sieved and prepared for initial XRF analysis. (Appendix C - XRF Soil and Rock Sample Locations and Descriptions)

The Likely/Cariboo Lake 2008/2009 GSC Geophysical Airborne survey results were reviewed around the Spanish Creek project and results are incorporated in the body of the report as figures.

During prospecting in 2011 a 60cm x 50cm angular high grade massive sulphide float boulder was found near outcrop. Two separate representative samples of the boulder assayed 15.3% and 17.6% copper respectively; 6.2% and 7.0% zinc respectively; .17% and .17% lead respectively; 158g/t and 183 g/t silver respectively; 11.7 ppm and 5.6 ppm gold respectively by ICP-MS; and 9.6 g/t gold and .14 g/t gold respectively by fire assay.

2.0 INTRODUCTION

This report describes assessment work performed on Barker Minerals Ltd. Spanish Creek mineral property in 2012. Soil collection, rock sampling, sample preparation and analysis were done between August 31, and April 15, 2013 on the Spanish Creek property.

In this report chemical abbreviations are used for the elements discussed. The elements and abbreviations are

Ag	Silver
As	Arsenic
Au	Gold
Ba	Barium
Co	Cobalt
Cu	Copper
Fe	Iron
Mn	Manganese
Pb	Lead
Sb	Antimony
Zn	Zn

3.0 PROPERTY DESCRIPTION and LOCATION

The Spanish Creek Property's location in British Columbia is indicated in Figure No. 1 – Main Property Location in British Columbia, and the mineral claims are outlined in Figure No. 2 – Barker Minerals Ltd. Mineral Claims. The properties have excellent access and infrastructure nearby and are located approximately 70 kilometres east of Williams Lake and 20 kilometres from the community of Likely in the Cariboo Mining Division in British Columbia and are 100% owned by Barker Minerals Ltd. of Prince George, B.C.

The geographic coordinates of the Spanish Creek Property are: 52.60° Latitude and -121.29° Longitude or 615745.81 E and 5829333.10 N UTM coordinates (NAD 83). The relevant maps are: N.T.S. Map No. 93A/11W.

4.0 MINERAL CLAIMS

The Spanish Creek Property consists of contiguous claims that are 717.86 Ha in size and which are listed in Appendix B – Barker Minerals Ltd. – Spanish Creek Property - Mineral Claim Details

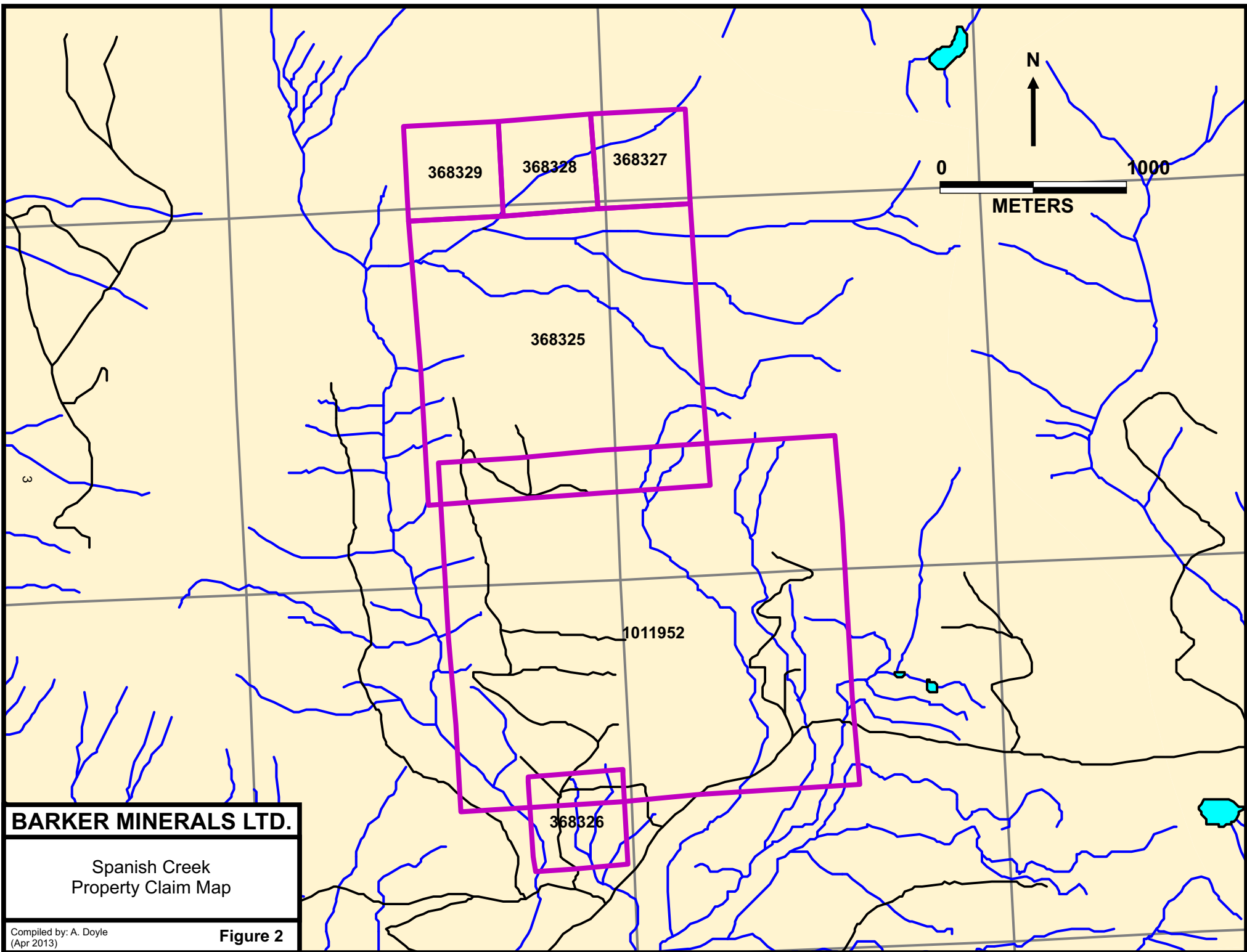


Figure No. 1 – Spanish Creek Property Location in British Columbia.

5.0 PHYSIOGRAPHY and ACCESSIBILITY

The following description in *italics*, is after McKinley, 2004:

The property is situated in the central part of the Quesnel Highland between the eastern edge of the Interior Plateau and the western foothills of the Columbia Mountains. This area contains rounded mountains that are transitional between the rolling plateaus to the west and the rugged Cariboo Mountains to the east. Pleistocene and Recent ice sheets flowed away from the high mountains to the east over these plateaus and down to the southwest (Cariboo River), west (Little River) and northeast (Quesnel Lake), carving U-shaped valleys. The elevation ranges from 700-1650 m. Precipitation in the region is heavy, as rain in the summer and snow in the winter. Drainage is to the west via the Cariboo, Little and Quesnel Rivers to the Fraser River. Quesnel Lake, the main scenic and topographic feature in the region, is a deep, long, forked, glacier-carved lake with an outlet at 725 m elevation. Vegetation is old-growth spruce, fir, pine, hemlock and cedar forest in all but the alpine regions of the higher mountains (mainly above 1400 m elevation). Weldwood has been actively logging fir, spruce and pine in the area.



6.0 HISTORY

6.1 Spanish Creek Property

Historic information indicates placer mining exploration was conducted perhaps since the turn of the 20th century and possibly earlier on the lower portion of Spanish Creek. Historically there has been prospecting, hand trenching, minor geological mapping and a geochemical soil survey conducted on the claims. Significant logging has now opened up the area with easier access in order to further exploration efforts in the area.

7.0 2012 EXPLORATION PROGRAM

Significant log harvesting activities were planned by logging companies during the 2012 - 2013 winter months on the project area. Sample collections were conducted on roads near where high grade massive sulphide float was found in 2011.

Seventy-six soil samples and 7 rock samples were collected and analyzed by XRF method. Analytical soil and rock results are in Appendices D and E - Analytical Results.

7.1 Economic Target

The economic target at Spanish Creek is polymetallic volcanogenic massive sulphide (VMS) and/or gold quartz vein deposits.

7.2 Sampling Method and Approach

A total of 76 soil samples were collected in 2012 along the Shiney Mineral road for a length of 1850 meters. The spacing between each sample was approximately ten to 20 metres, determined by meter-marked hip-chain. Each hole was flagged with pink flagging tape and a GPS coordinate (with a waypoint name identical to the sample number) was taken. (Figure 3 - Location of 2012 Work Area)

Collected soils were placed into plastic sample-bags, marked a corresponding number and zip-tied. Holes were dug to a minimum depth of the shovel head (22cm). Care was taken to remove large clasts and organics.

Soils were sampled and/or collected from the flanks of logging roadside. A pick and shovel were used to recover soil from a depth of 15-25cm. Soils were predominantly coarse-grained (coarse grained and matrix with gravel-cobble sized clasts). The soils collected are interpreted to be predominantly colluvial (derived from erosional processes above) as clasts are large and angular and represent the lithologies found in outcrop on location. At each sample location, a GPS waypoint was taken and marked in notebook, the area was flagged with tape and any pertinent observations were noted.

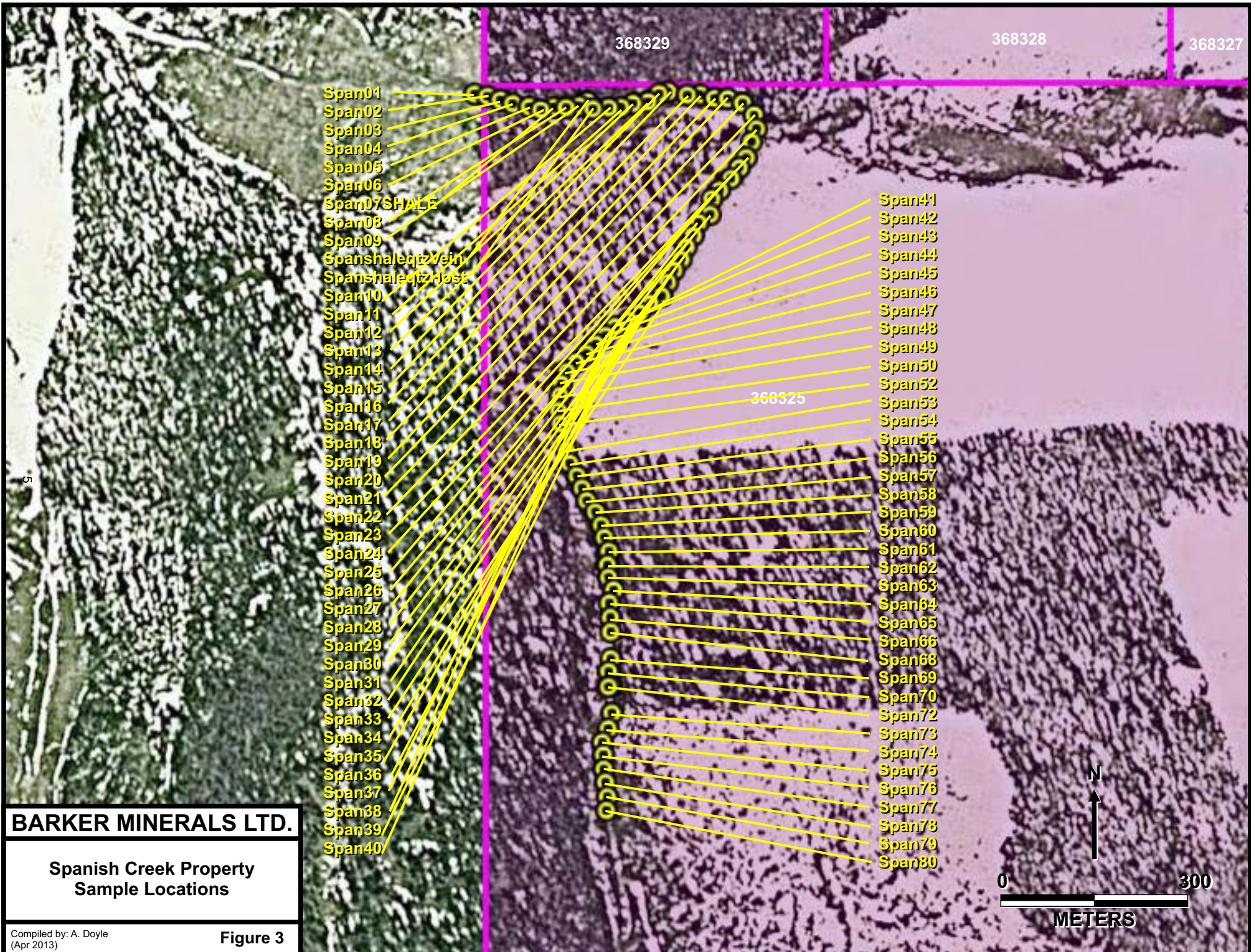
7.3 Sample Preparation and Analysis

The Niton XL3t XRF analyzer was used to conduct the analysis in the soil survey study.

The initial samples were sieved down to as fine a matrix as possible. Each soil was then analyzed twice using the 'Soils Mode' for an average of 120 - 180 seconds each. Each sample was further analyzed twice with the "Mining mode" to provide a comparison between each analysis method.

Samples of interest for follow up comparison analysis will be further crushed and pulverized in order to homogenize the samples as much as possible.

Known standards were also used for calibration and quality control purposes.



8.0 GSC AIRBORNE SURVEYS

Barker's compilation of the extensive GSC airborne surveys results included placing Barker's Spanish Creek property claims onto a background overlying the first derivative magnetics, (Figure 8) residual magnetics, (Figure 9) thorium/potassium (Figure 10) and potassium (Figure 11) results from portions of the GSC maps from Open File 6157.

The Spanish Creek property is underlain by a large broad Th/K low and K high. The magnetic highs may represent important intrusive host rocks while the magnetic lows may represent hydrothermally altered areas associated with mineralizing processes. This geophysical signature style is typical of important gold bearing environments elsewhere in the world.

9.0 GEOLOGY

9.1 Regional Geology

The geological descriptions below derive mainly from Struik (1988), Panteleyev et al. (1996) and Payne and Perry (2001).

During the mid-Jurassic the North American continental plate collided with a group of island arcs to the west. Regional deformation and metamorphism are related to these events.

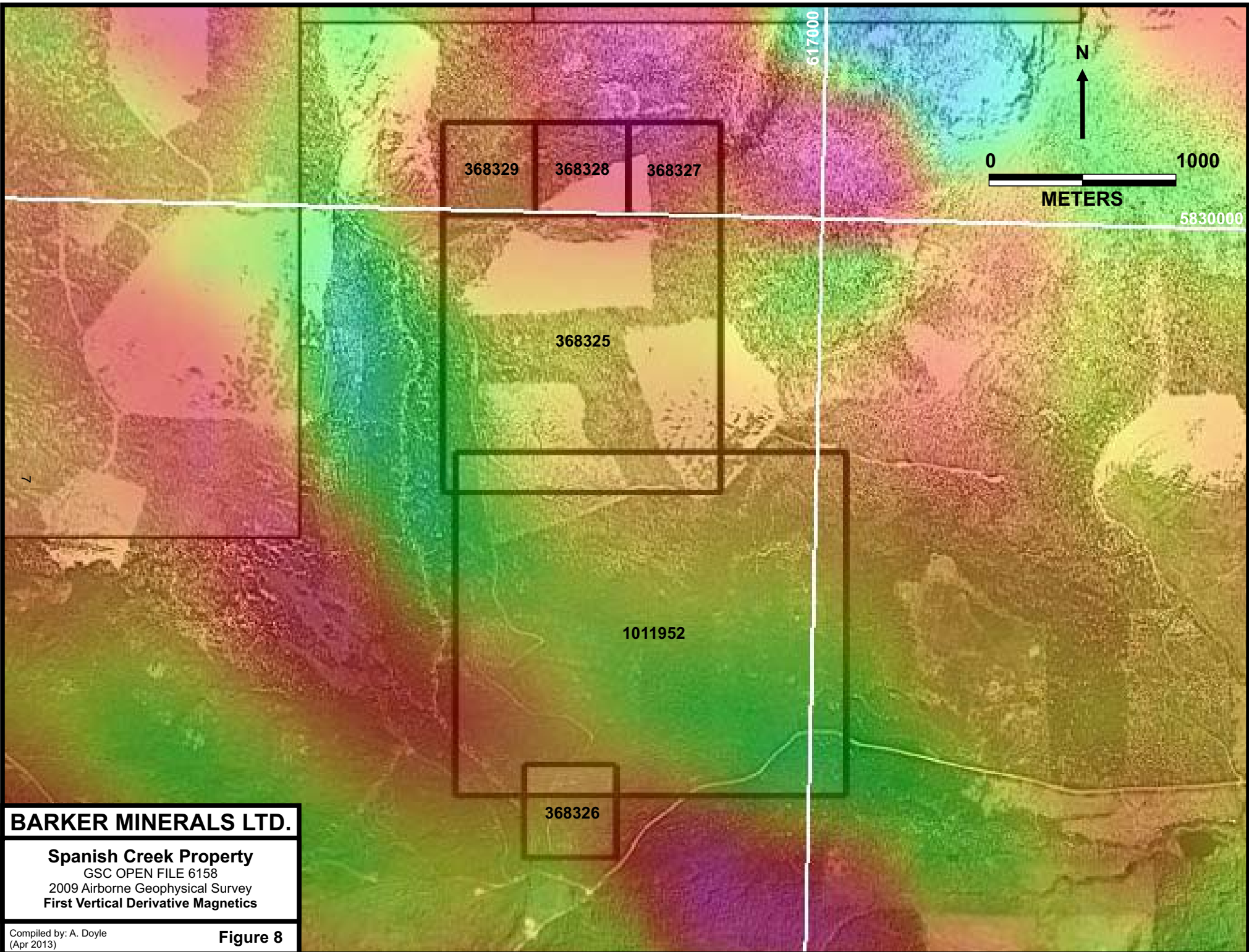
9.1.1 Quesnel Terrane

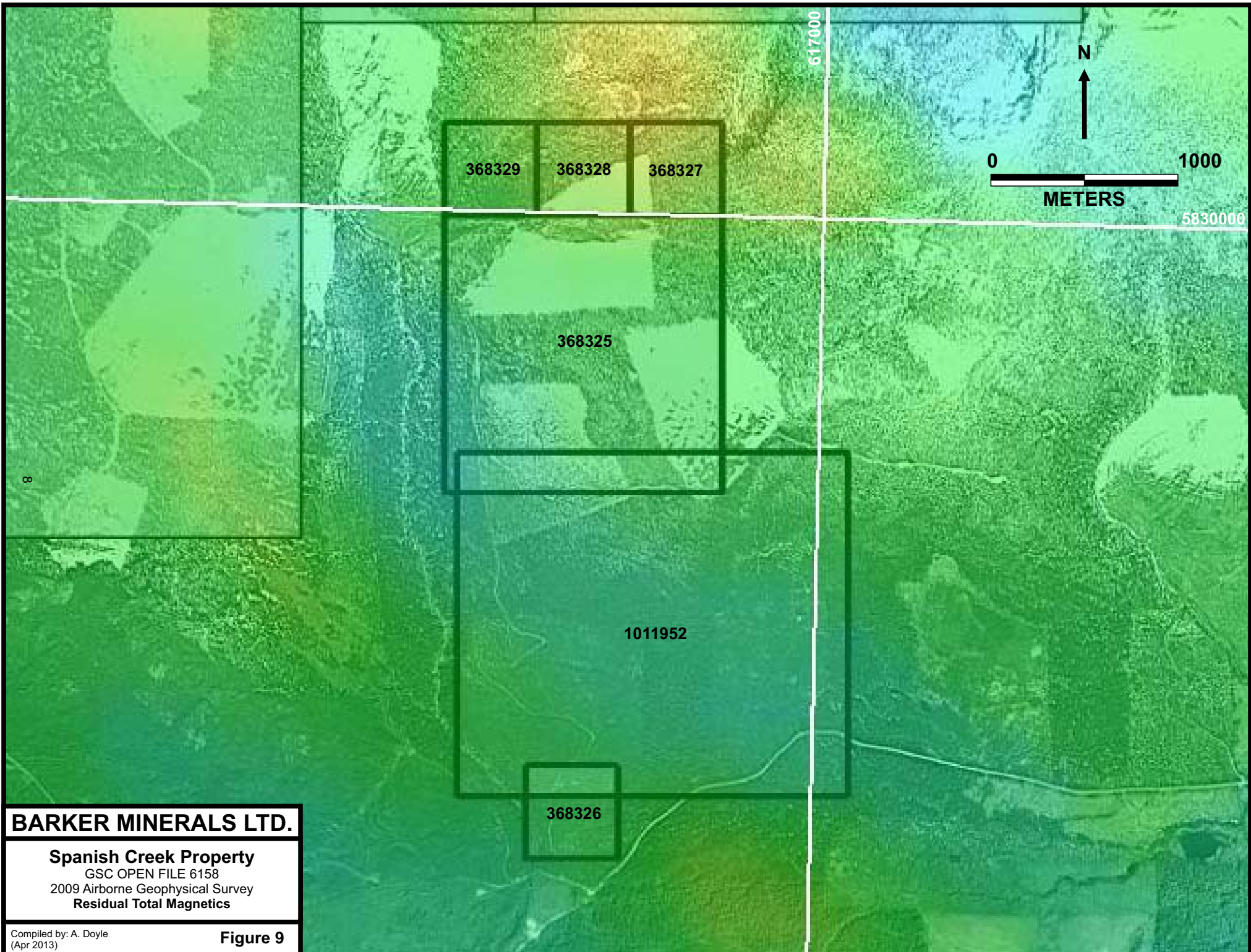
The Late Triassic to Early Jurassic Quesnel terrane...was accreted to the North American continent, in part by subduction and in part by obduction. The Eureka thrust fault marks the boundary between the Quesnel and Barkerville terranes. The terrane is partly submarine and partly subaerial, consisting of volcanic and volcanoclastic rocks and co-magmatic intrusions, with minor carbonate lenses and related sedimentary rocks.

The principal assemblage in the Quesnel Terrane is the Triassic-Jurassic Nicola island arc – marginal basin sequence. The underlying rocks are the Crooked amphibolite, part of the Slide Mountain assemblage, a mylonitized mafic and ultramafic unit of oceanic marginal basin volcanic and sedimentary rocks. Rocks of Quesnel Terrane and Crooked amphibolite are structurally coupled and tectonically emplaced by the Eureka Thrust onto the Barkerville Terrane, to the east.

Two lithostratigraphic subdivisions of the Quesnel Terrane consist of: a basal Middle to Late Triassic metasedimentary unit of dominantly black phyllitic rocks, approximately 7 km thick, and an overlying Late Triassic to Early Jurassic volcanic arc assemblage, approximately 9 km thick. The overlying volcanic rocks outline a northwesterly trending belt of subaqueous and subaerial volcanic rocks, deposited along a series of volcanic-intrusive centres that define the Quesnel island arc of predominantly alkalic basalts.

Within...the northern extension of the Quesnel Trough, the term...Takla Group has been applied to rocks identical to the Quesnel belt rocks...Equivalent rocks to the south...are generally referred to as Nicola Group...Baily (1978) pointed out the similarity of the Quesnel volcanic units with both the Nicola Group rocks to the south and the Takla Group rocks to the north...The term Takla leads to ambiguity because in northern British Columbia it has been used for rocks in both Quesnel and Stikine terranes...The usage for the Triassic-Jurassic volcanic arc and related rocks in Quesnellia currently preferred is Nicola Group. The term Takla Group possibly should be discarded... (Panteleyev et al., (1996).



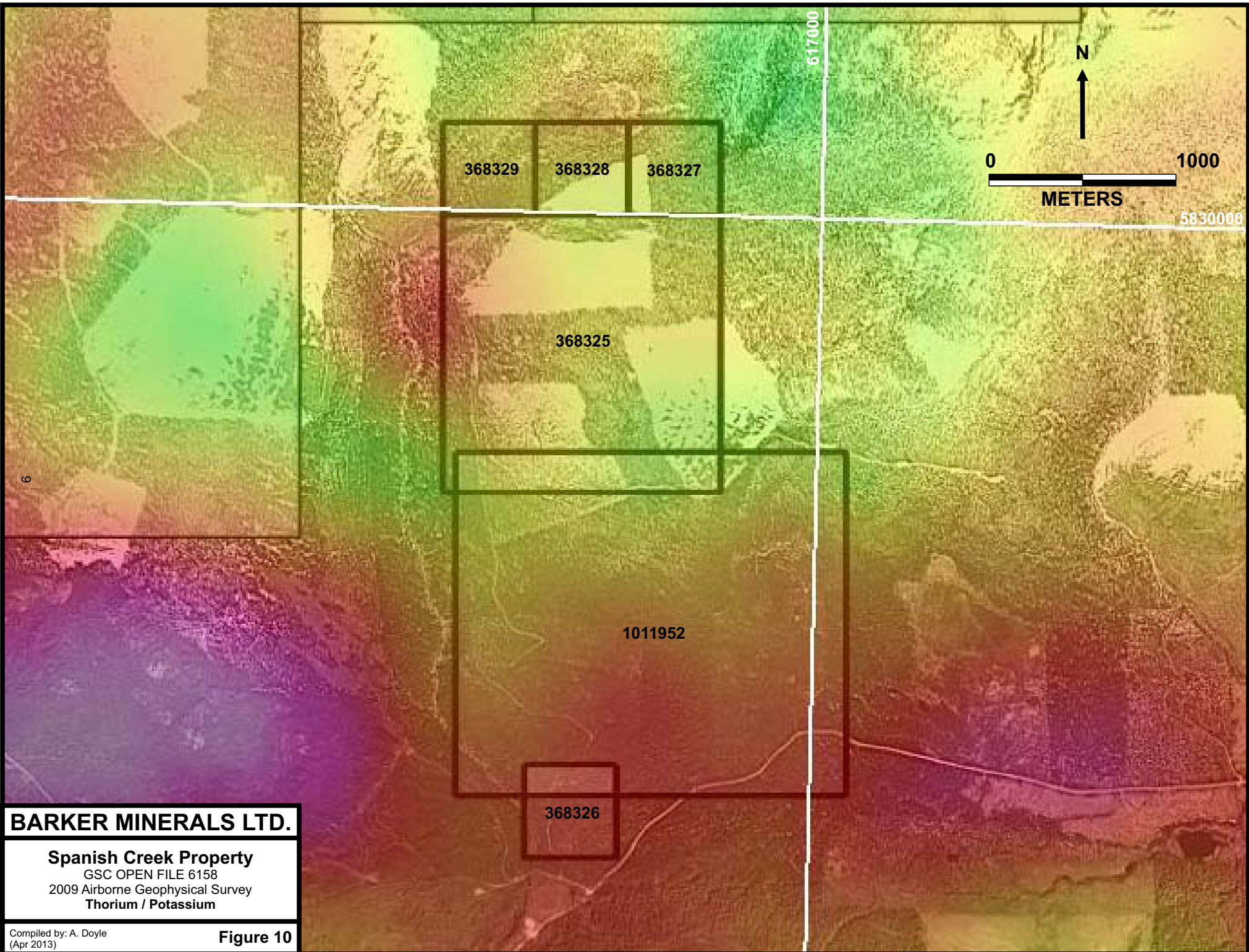


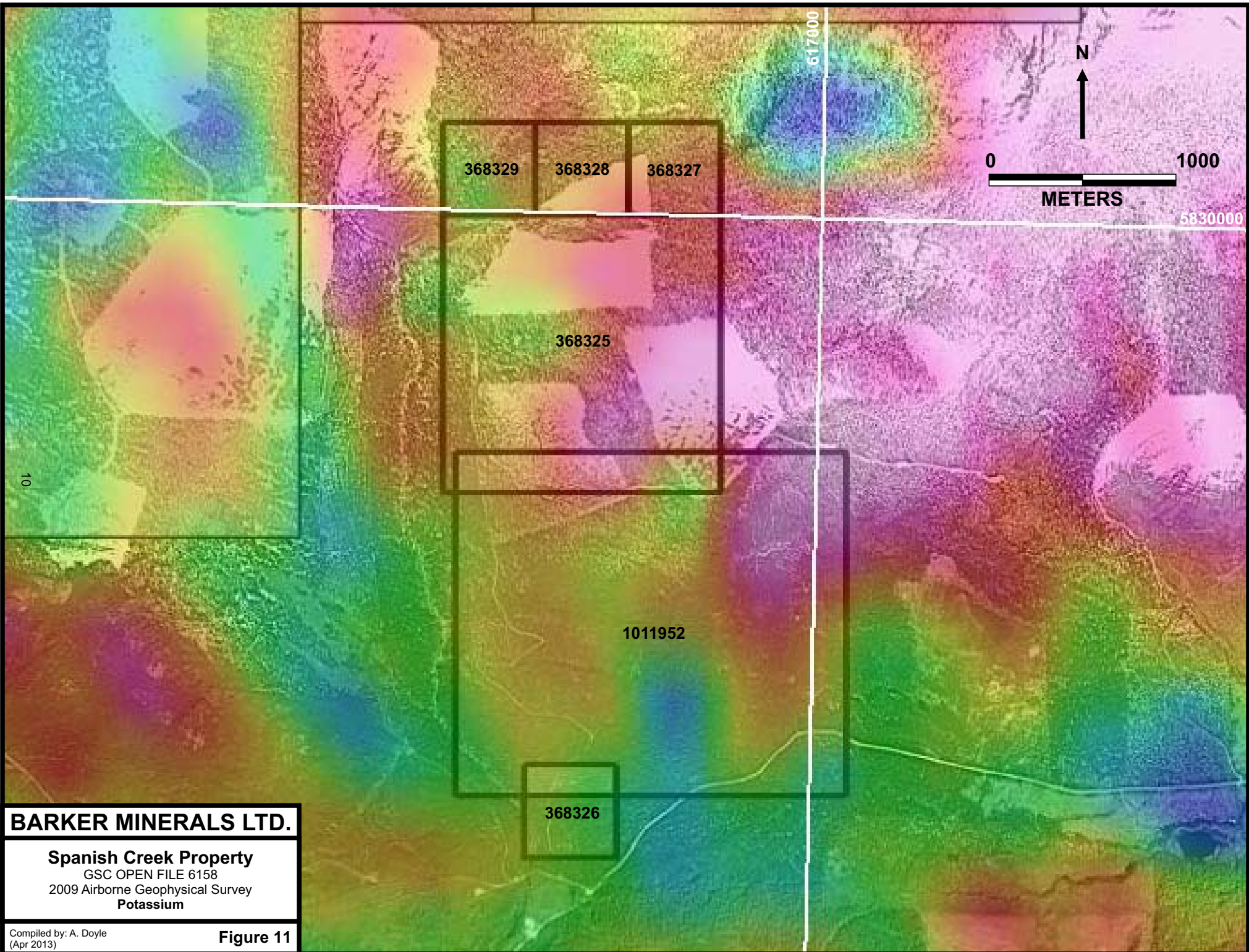
BARKER MINERALS LTD.

Spanish Creek Property
GSC OPEN FILE 6158
2009 Airborne Geophysical Survey
Residual Total Magnetics

Compiled by: A. Doyle
(Apr 2013)

Figure 9





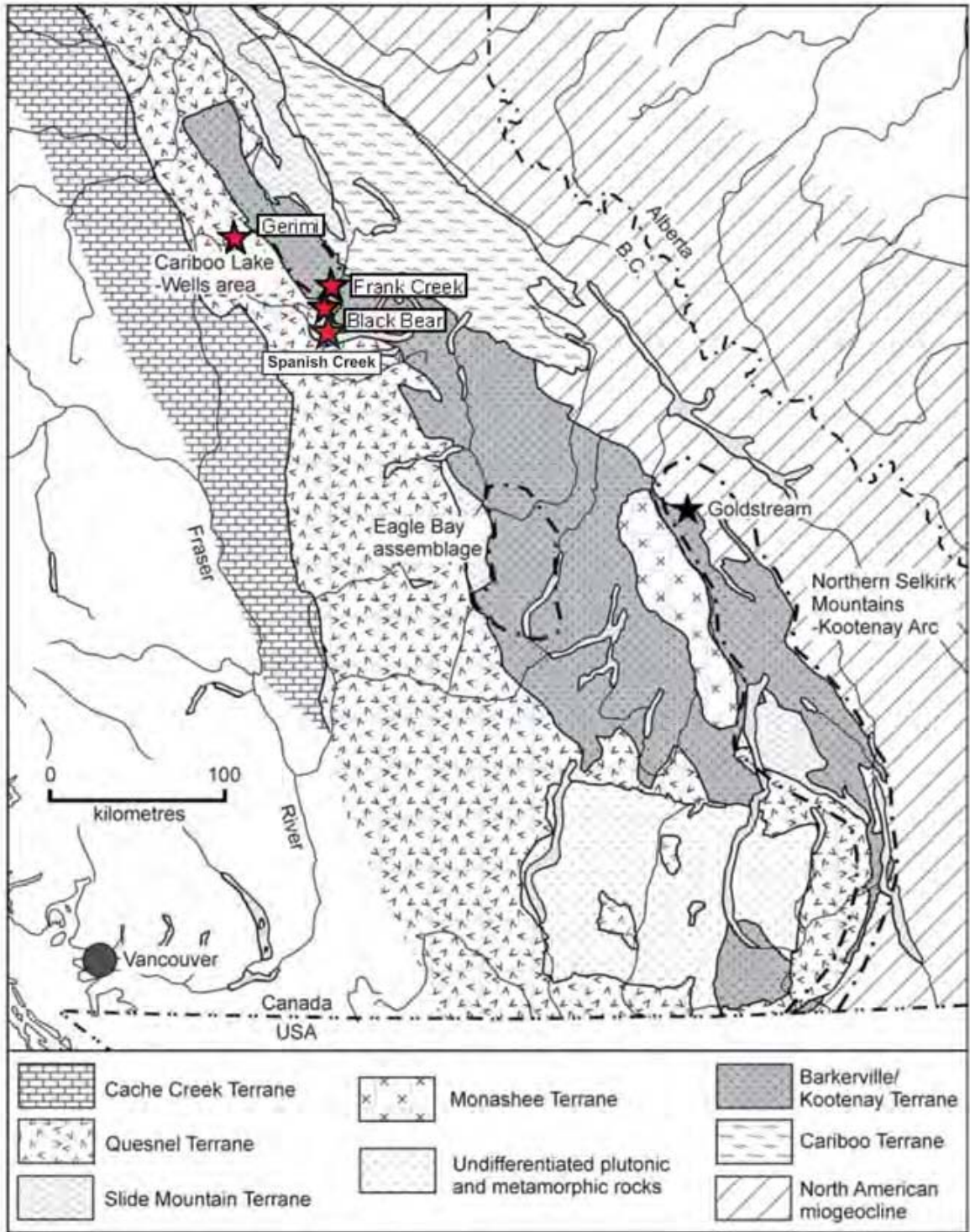


Figure No. 4 - Terrane Map of Southern British Columbia. Barker Minerals' properties are indicated by red stars.

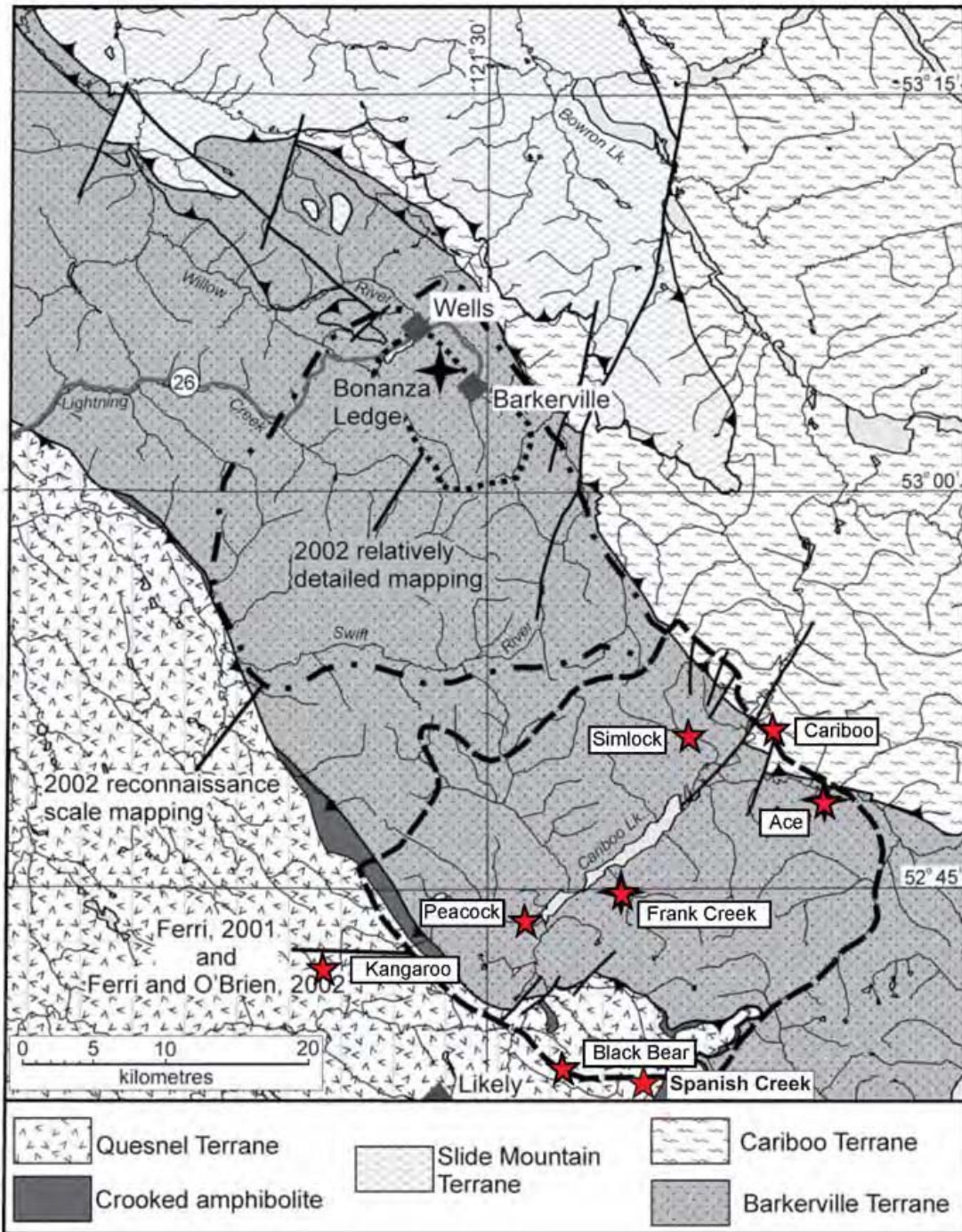


Figure No. 5 - Terrane Map of Cariboo Lake – Wells Area. Areas mapped by the BCGS in 2000 - 2002 are shown. Barker Minerals' properties are indicated by red stars.

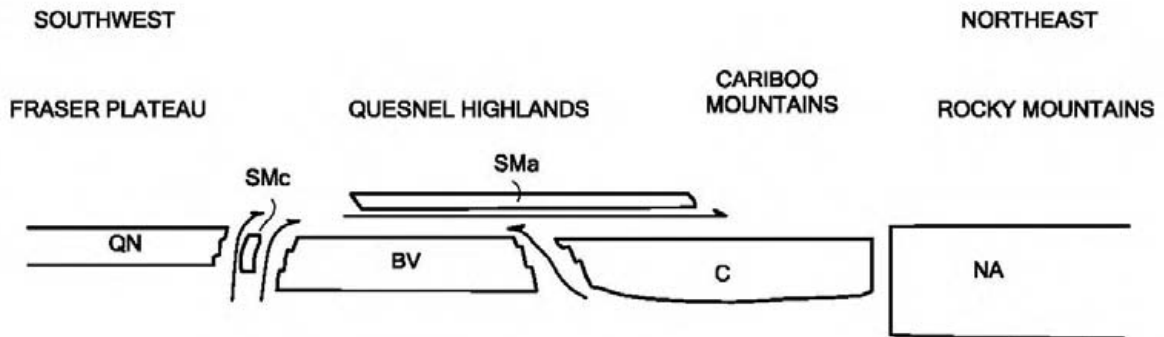


Figure No. 6 - Schematic Regional Structural Section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain (Crooked amphibolite), QN-Quesnel and NA-North American. (after Struik, 1988).

The Quesnel Trough is a well-mineralized region typical of other Late Triassic to Early Jurassic volcano-plutonic island arcs in the Cordillera. It hosts a wide variety of mineral deposits. The principal recent exploration and economic development targets in the central Quesnel belt are alkalic intrusion-related porphyry copper-gold deposits and gold-bearing propylitic alteration zones formed in volcanic rocks peripheral to some of the intrusions. Other important targets are auriferous quartz veins in the black phyllite metasedimentary succession. The veins in some black phyllite members have potential to be mined as large tonnage, low-grade deposits. Tertiary rocks are mineralized with copper and gold. Antimony-arsenic and mercury mineralization in some apparently low temperature quartz-calcite veins indicated the potential for epithermal deposits. Placer mining for gold, said to occur together with platinum, has been of major historical and economic importance.

9.1.2 Slide Mountain Terrane

Rocks of the Devonian to Late Triassic Slide Mountain Terrane were partly obducted, partly subducted during collision of an oceanic plate with the continent. Small slices of mainly mafic volcanic rocks and ultramafic rocks of the Slide Mountain Terrane occur in and parallel to the Eureka thrust. Minor lithologies include chert, meta-siltstone and argillite.

The Crooked amphibolite, considered likely a part of the Slide Mountain Terrane, includes three major constituent rock types: greenstone, metagabbro and meta-ultramafite. North of Quesnel Lake, the map units consist of mafic metavolcanics, amphibolite, chlorite schist, serpentinite, ultramafic rocks and pillow lavas. Chemical analyses indicate subalkaline tholeiitic compositions of basalts formed on the ocean floor. If the Crooked amphibolite is a sheared and metamorphosed equivalent of the Antler Formation and is part of the Slide Mountain Terrane, it is separated from the underlying Barkerville Terrane by the Eureka thrust, a wide zone of mylonitization. The Crooked amphibolite and the overlying rocks of Quesnel Terrane are structurally coupled and emplaced tectonically onto Barkerville Terrane.

9.1.3 Barkerville Terrane

The Barkerville Terrane is made up of the Snowshoe Group and Quesnel Lake gneiss. The Snowshoe rocks are Upper Proterozoic to Upper Devonian metasediments, considered correlative in age with Eagle Bay rocks of the Kootenay Terrane to the south. The Snowshoe rocks are dominated by varieties of grit, quartzite, pelite, limestone and volcanoclastic rocks. The stratigraphic sequence is not well understood. The region was deformed by intense, complex, in part isoclinal folding and overturning. Locally, strong shear deformation produced mylonitic textures. The Quesnel Lake gneiss

is a Devonian to Mississippian intrusive unit varying in composition from diorite to granite to syenite. It is generally coarse grained, leucocratic, often with megacrysts of potassium feldspar. The main body of gneiss is 30 km long by 3 km wide and is elongated parallel to the eastern border of the Intermontane belt. Its contacts are in part concordant with, and in part perpendicular to, metamorphic layering.

The contact between the Barkerville Terrane and Cariboo Terrane to the east is the Pleasant Valley Thrust. The Barkerville and Cariboo Terranes were juxtaposed prior to emplacement of the Slide Mountain Terrane which was thrust over both of them. The northeastern third of the Barkerville Terrane is the main zone of economic interest in the Cariboo district. Struik described it as “gold-enriched”, because it contains the historic Wells and Barkerville mines and the Cariboo Hudson deposit, approximately 40 km and 20 km northwest of the project area, respectively.

9.1.4 Cariboo Terrane

The northeastern part of Barker Minerals’ ‘Peripheral’ claim group is underlain by Precambrian to Permo-Triassic marine peri-cratonic sedimentary strata of the Cariboo terrane. The Cariboo Terrane consists mainly of limestone and dolomite with lesser siliceous, clastic, sedimentary rocks and argillite. Some geologists believe that the Cariboo Terrane is a shallow, near-shore facies and the Barkerville is a deeper, offshore facies of the same erosion-deposition system. No rifting is suspected between the Cariboo Terrane and the North American continent, in contrast to that between the Barkerville Terrane and the North American continent. Lithologies within the Cariboo Terrane correlate well with parts of the Cassiar Platform and Selwyn Basin of Yukon and northern British Columbia.

The Cariboo and Barkerville Terranes are separated by the regional Pleasant Valley thrust fault, which dips moderately to steeply northeast. Struik (1988) states the Cariboo block was thrust from the east over the Barkerville block along a strike length of over 100 km. The Cariboo Terrane was cut by the Jurassic-Cretaceous Little River stock, a medium-grained granodiorite grading to quartz monzonite. Some of the carbonate layers in the lowest part of the Cariboo terrane (or upper part of the Barkerville Terrane) are enriched in zinc and lead. Since the 1970's, preliminary exploration on stratiform Zn-Pb targets has been conducted in this area.

9.1.5 Glaciation and glacial deposits

The last glacial stage that affected the Quesnel Highland, the Fraser glaciation, began 30,000 years ago. Much of this ice had melted by 10,000 years ago, but small remnants are preserved high in the alpine areas of the Cariboo Mountains. At lower elevations, glaciers of this age scoured the debris left by preceding ice advances, almost completely destroying them, leaving a chaotic assemblage of unsorted till, moraine and drift, with lenses of gravel and sand that had been roughly sorted by melt water and rivers, leaving behind beds of silt and clay that were stratified by settlement in ice-dammed lakes. In the Cariboo area, the debris covers bedrock in valleys below 1,700 m, leaving typical glacial features such as U-shaped valleys, ice-sculpted drumlins, moraine terraces and glacier and river benches. On the Barker Minerals properties, glacial deposits range from one to a few tens of metres thick. Some glacial till deposits are overlain by well-bedded glaciolacustrine clay and silt deposits up to a few tens of metres thick.

In much of the Cariboo district, a layer of distinctive, hard, compact, semi-rigid blue clay sits either on or slightly above bedrock and acts as “false” bedrock. It was formed from glacial drift left behind by the last ice advance prior to the Fraser glaciation and was compacted by the weight of the Fraser stage ice. In the placer-gold areas of the Cariboo, large amounts of gold were recovered from gravel resting on this clay. In places the clay layer was penetrated by the placer miners to reach richer “pay streaks” on true bedrock below.

9.2 Local Geology

9.2.1 Spanish Creek Property

The Wells & Barkerville areas just north from the Spanish Creek project boast Historic Mines in the greenschist facies, defined as mid-Jurassic deformation & metamorphism.

The Spanish Creek property is host to hundreds of meters of gold/base metal quartz veins in ultramafic assemblage rocks just 14km NE from "Spanish Mtn. Gold Ltd." on Spanish Mtn. & "Barker Minerals Ltd." on Black Bear Mountain. Little is known at this time on the local geology as up until recently access was limited and glacial overburden masked the bedrock in the lower portions of the valleys where most early access roads were located hindering exploration in the headwater areas of Black Bear, Sellers and Spanish Creeks.

It is believed that the Black Bear and Spanish Creek areas are part of a regional thrust equivalent to the Eureka Thrust in the Yukon which is host to many economic gold deposits. The area is located around an ancient continental margin setting with accreted exotic terranes which have been thrust over top of the older volcanic and intrusive rocks of the Goose Range.

The Likely/Spanish Creek district is host to old and new mines (Mt. Polley Mine, Barkerville Mines Ltd. - current producers), and is currently completely staked by Major companies, speculators and junior mining companies.

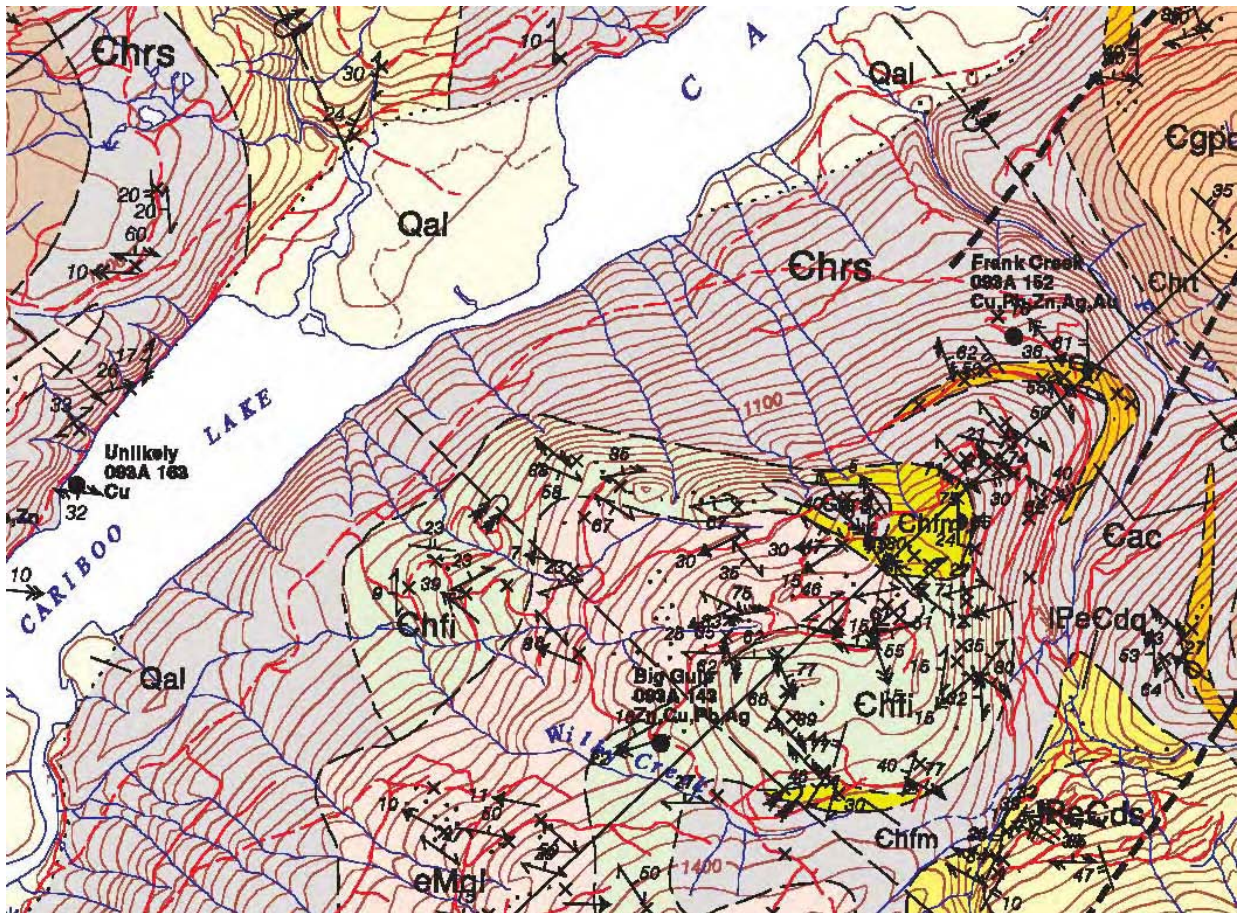


Figure No. 7 - Geology of Frank Creek area, after Ferri & O'Brien, 2003. Chrs = Harveys Ridge phyllite and sedimentary rocks, Cac = Agnes sedimentary rocks, Chfi and Chfm = Frank Creek metavolcanics, eMql = Quesnel Lake granite and granodiorite. The Minfile showing Frank Creek, Big Gulp and Unlikely are all owned by Barker Minerals Ltd. The black spot indicating the Frank Creek Minfile is at the location of the Discovery Trench. Cariboo Lake is approximately 1 km across

in a NW-SE direction. Overturned anticlines and synclines are indicated. Overturned lava pillows with tops toward the east are indicated in unit Chfm.

10.0 CONCLUSIONS

10.1 Spanish Creek Property

The 2013 soil study confirmed a precious and base metal environment near where high grade float has been discovered in past programs in shallow overburden. The rock sample XRF geochemistry reported elevated values in Fe, Cu, Zn, Sb, Hg, Se, Te and Sn. The soils were elevated in similar mineralogy of Fe, Cu, Zn, Sb, As, Hg, Se, Te and Sn. This mineralogical pattern is very similar to the mineralogy of the massive sulphide boulder found in 2011 suggesting that the boulder is from a nearby local source.

The 60cm x 50cm angular high grade massive sulphide float boulder was found near bedrock during 2011 prospecting. Two separate representative samples of the boulder assayed 15.3% and 17.6% copper respectively; 6.2% and 7.0% zinc respectively; .17% and .17% lead respectively; 158g/t and 183 g/t silver respectively; 11.7 ppm and 5.6 ppm gold respectively by ICP-MS; and 9.6 g/t gold and .14 g/t gold respectively by fire assay.

The high grade massive sulphide boulder at Spanish Creek was found near bedrock and is located 200 metres down slope from a strong multi-element copper/zinc/lead/silver and gold soil anomaly identified by the previous property owners while exploring for gold vein targets. The massive sulphide boulder was located near prominent discrete GSC airborne magnetic and conductor anomalies.

A property wide program of soil and rock sampling should be followed up by geological mapping and geophysical surveys to define targets for follow up exploration programs. IP surveys are recommended on the new soil grid in order to define targets for follow up drilling.

The results of the XRF study demonstrate that favorable mineralogy exists in the soils, which together with the fact overburden is of a minimal thickness, are indicative of a precious and base metal environment being present nearby. All roads and outcrops nearby should be sampled wherever possible in order to identify target areas for more detailed follow up programs.

Gold was semi-quantitatively identified in 15 soil samples by the XRF in the range of 6 ppm to 9 ppm. Gold was also semi-quantitatively identified by XRF in 4 of the 7 rock outcrop grab samples with readings between 6.0 ppm and 13.0 ppm Au.

Accurate gold values would need to be determined by accredited lab fire assay process taking into consideration the high iron and sulphur content. Roasting processes and proper fluxes should be determined in advance in order to produce reliable, repeatable fire assay gold results.

11.0 RECOMMENDATIONS

11.1 Spanish Creek Property

The project will be evaluated further in the spring of 2013 in order to determine the extent and grades of the copper stained bedrock areas and to determine the location of the high grade massive sulphide boulder discovered below the multi-element soil anomaly. A number of GSC airborne magnetic and EM anomalies will be evaluated in 2013 especially one which is upslope from the high grade boulder discovered in 2011. Grids will be planned for further soil sampling which is expected to identify drill targets for follow up. Historic work has identified veins which could immediately be drill tested along strike and to depth.

APPENDIX A

Glossary of Technical Terms and Abbreviations

Glossary of Technical Terms and Abbreviations

Anomalous	Chemical and mineralogical changes and higher than typical background values in elements in a rock resulting from reaction with hydrothermal fluids or increase in pressure or temperature.
Anomaly	The geographical area corresponding to anomalous geochemical or geophysical values.
Argentiferous	Containing silver.
Background	The typical concentration of an element or geophysical response in an area, generally referring to values below some threshold level, above which values are designated as anomalous.
BCGS	British Columbia Geological Survey.
B.C. MEMPR	British Columbia Ministry of energy Mines and Petroleum Resources.
cm	Centimetre.
Cratonic	Pertaining to a craton, an old part of the continental crust, generally making up the interior portion of a continent such as North America.
DCIP	An electrical method which uses the injection of current and the measurement of voltage and its rate of decay to determine the subsurface resistivity and chargeability.
DDH	Diamond drill hole.
Diatreme	A breccia-filled volcanic pipe that was formed by a gaseous intrusion.
EM	Electromagnetic.
Float	Loose rocks or boulders; the location of the bedrock source is not known.
GBC	Geoscience BC.
GSC	Geological Survey of Canada
Grab sample	A sample of a single rock or selected rock chips collected from within a restricted area of interest.
g/t	Grams per tonne (metric tonne). 34.29 g/t (metric tonnes) = 1.00 oz/T (short tons)
Ha	Hectare - an area totalling 10,000 square metres, e.g., an area 100 metres by 100 metres.
HLEM	Horizontal loop electromagnetic.

ICP	Inductively coupled plasma.
IP	Induced polarization.
km	Kilometre.
lb.	Pound.
Leucocratic	Light-coloured.
m	Metre.
Max-min	An HLEM technique to test for resistivity and conductivity of rocks.
MT	Magnetotelluric. A electrical method that uses natural variations in the Earth's magnetic field to induce electric current in the ground to determine the subsurface resistivity.
NNW-SSE	North northwest – South southeast
NW-SE	Northwest - southeast.
N-S	North-South.
oz.	Ounce.
oz/T	ounces per ton (Imperial measurement). 34.29 g/t (metric tonnes) = 1.00 oz/T (short tons).
oz/st	ounces per short ton (Imperial measurement, same as oz/T). 34.29 g/t (metric tonnes) = 1.00 oz/st (short tons).
ppb	Parts per billion.
ppm	Parts per million (1 ppm = 1,000 ppb = 1 g/t).
Protolith	The original rock before it was metamorphosed.
QUEST	Quesnellia Exploration Strategy.
TDEM	Time Domain EM.
Tholeiitic	A type of basalt. The most common volcanic rocks on Earth, produced by submarine volcanism at mid-ocean ridges and make up much of the ocean crust. Chemically, these basalts have been described as subalkaline, that is, they contain less (Na ₂ O plus K ₂ O) at similar SiO ₂ than alkali basalt.
TRIM	Terrain Resource Information Management.
VLF	Very low frequency.

VLf-EM Very low frequency electromagnetic.

VMS Volcanic-related massive sulphide.

Appendix B

Barker Mineral Ltd. – Spanish Creek Property

Mineral Claim Details

Barker Minerals Ltd. - Spanish Creek - Mineral Claims Details

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
368325	HEART	140410 (100%)	Mineral	Claim	093A054	1999/mar/28	2015/mar/31	GOOD	225.00
368326	SOUL	140410 (100%)	Mineral	Claim	093A054	1999/mar/30	2015/mar/31	GOOD	25.00
368327	HOBSON 1	140410 (100%)	Mineral	Claim	093A064	1999/mar/28	2015/mar/31	GOOD	25.00
368328	HOBSON 2	140410 (100%)	Mineral	Claim	093A064	1999/mar/28	2015/mar/31	GOOD	25.00
368329	HOBSON 3	140410 (100%)	Mineral	Claim	093A064	1999/mar/28	2015/mar/31	GOOD	25.00
1011952	SPC	140410 (100%)	Mineral	Claim	093A064	2012/aug/11	2015/mar/31	GOOD	392.86

Appendix C

Spanish Creek Project - 2012 Sample Location and Description

Spanish Creek 2012 Sample Location and Description

GPS Name	Date and Time	Position	Altitude	Notes	Collected Sample#(s)
Span01	27/10/2012	10 U 614947 5829929	1446 m		Span01
Span02	27/10/2012	10 U 614966 5829926	1446 m		Span02
Span03	27/10/2012	10 U 614985 5829921	1444 m		Span03
Span04	27/10/2012	10 U 615003 5829916	1441 m		Span04
Span05	27/10/2012	10 U 615027 5829912	1443 m		Span05
Span06	27/10/2012	10 U 615044 5829908	1442 m	Directly below weathered slate/phyllite outcrop; colluvium	Span06
Span07SHALE	27/10/2012	10 U 615063 5829912	1440 m	Sample of slate/phyllite outcrop	Span07SHALE
Span08	27/10/2012	10 U 615081 5829912	1437 m	Colluvium of slate/phyllite outcrop	Span08
Span09	27/10/2012	10 U 615100 5829915	1433 m	Colluvium of slate/phyllite outcrop	Span09
Spanshaleqtz	27/10/2012	10 U 615112 5829921	1435 m	Qtz veins in phyllite outcrop. Vein and Hostrock sampled.	Spanshaleqtz01
Span10	27/10/2012	10 U 615120 5829911	1432 m	Sample of slate/phyllite outcrop	Span10
Span11	27/10/2012	10 U 615143 5829913	1429 m	Sample of slate/phyllite outcrop	Span11
Span12	27/10/2012	10 U 615161 5829914	1427 m	Sample of slate/phyllite Colluvium w/overburden	Span12
Span13	27/10/2012	10 U 615178 5829920	1426 m		Span13
Span14	27/10/2012	10 U 615200 5829923	1427 m		Span14
Span15	27/10/2012	10 U 615216 5829935	1427 m		Span15
Span16	27/10/2012	10 U 615229 5829938	1432 m	Slate/phyllite colluvium	Span16
Span17	27/10/2012	10 U 615257 5829934	1429 m	Overburden + clay	Span17
Span18	27/10/2012	10 U 615276 5829935	1428 m		Span18
Span19	27/10/2012	10 U 615297 5829930	1428 m		Span19
Span20	27/10/2012	10 U 615316 5829930	1428 m		Span20
Span21	27/10/2012	10 U 615338 5829924	1426 m		Span21
Span22	27/10/2012	10 U 615355 5829907	1426 m		Span22
Span23	27/10/2012	10 U 615359 5829887	1426 m		Span23
Span24	27/10/2012	10 U 615352 5829868	1428 m		Span24
Span25	27/10/2012	10 U 615345 5829845	1430 m		Span25
Span26	28/10/2012	10 U 615335 5829830	1441 m		Span26
Span27	28/10/2012	10 U 615323 5829814	1437 m		Span27
Span28	28/10/2012	10 U 615307 5829797	1438 m		Span28
Span29	28/10/2012	10 U 615296 5829784	1437 m		Span29
Span30	28/10/2012	10 U 615294 5829761	1439 m		Span30

**Grid - UTM
Datum - NAD 83**

Spanish Creek 2012 Sample Location and Description

GPS Name	Date and Time	Position	Altitude	Notes	Collected Sample#(s)
Span31	28/10/2012	10 U 615277 5829749	1437 m		Span31
Span32	28/10/2012	10 U 615270 5829730	1437 m		Span32
Span33	28/10/2012	10 U 615260 5829713	1438 m		Span33
Span34	28/10/2012	10 U 615253 5829695	1438 m		Span34
Span35	28/10/2012	10 U 615243 5829679	1438 m		Span35
Span36	28/10/2012	10 U 615234 5829661	1437 m		Span36
Span37	28/10/2012	10 U 615226 5829641	1438 m		Span37
Span38	28/10/2012	10 U 615209 5829630	1436 m		Span38
Span39	28/10/2012	10 U 615194 5829616	1436 m		Span39
Span40	28/10/2012	10 U 615179 5829605	1434 m		Span40
Span41	28/10/2012	10 U 615159 5829595	1436 m		Span41
Span42	28/10/2012	10 U 615145 5829582	1434 m		Span42
Span43	28/10/2012	10 U 615131 5829569	1434 m		Span43
Span44	28/10/2012	10 U 615118 5829555	1434 m		Span44
Span45	28/10/2012	10 U 615103 5829542	1432 m		Span45
Span46	28/10/2012	10 U 615090 5829528	1433 m		Span46
Span47	28/10/2012	10 U 615082 5829510	1433 m		Span47
Span48	28/10/2012	10 U 615081 5829493	1432 m		Span48
Span49	28/10/2012	10 U 615079 5829471	1433 m		Span49
Span50	28/10/2012	10 U 615082 5829452	1430 m		Span50
Span51	28/10/2012	10 U 615088 5829432	1429 m	NO SAMPLE	Span51
Span52	28/10/2012	10 U 615092 5829413	1426 m		Span52
Span53	28/10/2012	10 U 615097 5829395	1425 m	Colluvium of black shale(?) not as fissile	Span53
Span54	28/10/2012	10 U 615108 5829377	1425 m	Outcrop - sampled oxidized layer within phyllite outcrop	Span54
Span55	28/10/2012	10 U 615116 5829359	1422 m	Green slate outcrop	Span55
Span56	28/10/2012	10 U 615123 5829341	1422 m		Span56
Span57	28/10/2012	10 U 615136 5829325	1421 m		Span57
Span58	28/10/2012	10 U 615145 5829306	1421 m		Span58
Span59	28/10/2012	10 U 615150 5829288	1419 m		Span59
Span60	28/10/2012	10 U 615157 5829268	1417 m		Span60
Span61	28/10/2012	10 U 615155 5829248	1416 m		Span61
Span62	28/10/2012	10 U 615157 5829230	1417 m		Span62

**Grid - UTM
Datum - NAD 83**

Spanish Creek 2012 Sample Location and Description

GPS Name	Date and Time	Position	Altitude	Notes	Collected Sample#(s)
Span63	28/10/2012	10 U 615165 5829212	1414 m		Span63
Span64	28/10/2012	10 U 615159 5829193	1414 m		Span64
Span65	28/10/2012	10 U 615161 5829172	1414 m		Span65
Span66	28/10/2012	10 U 615162 5829151	1413 m		Span66
Span67NS	28/10/2012	10 U 615162 5829135	1413 m	NO SAMPLE	
Span68	28/10/2012	10 U 615163 5829112	1414 m		Span68
Span69	28/10/2012	10 U 615160 5829093	1414 m		Span69
Span70	28/10/2012	10 U 615164 5829073	1411 m		Span70
Span71NS	28/10/2012	10 U 615166 5829051	1411 m	NO SAMPLE	
Span72	28/10/2012	10 U 615166 5829033	1410 m		Span72
Span73	28/10/2012	10 U 615161 5829010	1410 m		Span73
Span74	28/10/2012	10 U 615153 5828990	1411 m		Span74
Span75	28/10/2012	10 U 615155 5828972	1410 m		Span75
Span76	28/10/2012	10 U 615156 5828951	1410 m		Span76
Span77	28/10/2012	10 U 615159 5828932	1410 m		Span77
Span78	28/10/2012	10 U 615162 5828911	1411 m		Span78
Span79	28/10/2012	10 U 615161 5828891	1409 m		Span79
Span80	Manually Entered	10 U 615160 5829071	Manually Entered	Manually entered	Span80
SpanCLMBNDRYN	27/10/2012	10 U 614954 5829917	1448 m	Northern Claim Boundary on Road	SpanCLMBNDRYN
SpanCLMBNDRYS	28/10/2012	10 U 615698 5826451	1072 m	Southern Claim Boundary on Road	SpanCLMBNDRYS

Appendix D

Spanish Creek Project - 2012 Soil Sampling Program - XRF Results for Soil Samples

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Au	Ag	As	Fe	Hg
Span01	10 U 614947 5829929	1446 m	473	Soil	180.16	ppm	7	< LOD	9	42021	< LOD
			474	Soil	180.31	ppm	< LOD	< LOD	8	41957	< LOD
			475	Soil	180.14	ppm	< LOD	< LOD	7	42251	8
			476	Mining	181.66	ppm	< LOD	< LOD	7	50366	
			477	Mining	180.52	ppm	< LOD	< LOD	< LOD	50706	
Span02	10 U 614966 5829926	1446 m	478	Soil	180.01	ppm	< LOD	< LOD	7	39117	8
			479	Soil	180.37	ppm	< LOD	< LOD	9	39219	7
			480	Mining	181.39	ppm	< LOD	< LOD	< LOD	47537	
			481	Mining	180.54	ppm	< LOD	< LOD	< LOD	47743	
Span03	10 U 614985 5829921	1444 m	482	Soil	180.35	ppm	< LOD	< LOD	8	37206	< LOD
			483	Soil	180.01	ppm	< LOD	< LOD	9	37170	< LOD
			484	Mining	181.83	ppm	< LOD	< LOD	< LOD	45569	
			485	Mining	180.69	ppm	< LOD	< LOD	< LOD	45322	
Span04	10 U 615003 5829916	1441 m	486	Soil	180.29	ppm	< LOD	< LOD	6	36966	< LOD
			487	Soil	180.13	ppm	< LOD	< LOD	< LOD	36996	8
			488	Mining	180.11	ppm	< LOD	< LOD	< LOD	45165	
			489	Mining	181.59	ppm	< LOD	< LOD	< LOD	45091	
Span05	10 U 615027 5829912	1443 m	490	Soil	180.05	ppm	< LOD	< LOD	12	47070	< LOD
			491	Soil	180.22	ppm	< LOD	< LOD	10	47116	< LOD
			492	Mining	181.3	ppm	< LOD	< LOD	< LOD	56301	
			493	Mining	180.72	ppm	< LOD	< LOD	< LOD	56364	
Span06	10 U 615044 5829908	1442 m	496	Soil	180.37	ppm	9	140	8	107513	< LOD
			497	Soil	180.24	ppm	< LOD	152	6	108418	10
			498	Mining	181.78	ppm	< LOD	105	< LOD	106201	
			499	Mining	180.55	ppm	< LOD	103	< LOD	105613	
Span08	10 U 615081 5829912	1437 m	504	Soil	180.02	ppm	< LOD	106	7	121709	< LOD
			505	Soil	180.36	ppm	< LOD	102	9	121831	11
			506	Mining	181.74	ppm	< LOD	< LOD	< LOD	115554	
			507	Mining	181.63	ppm	< LOD	105	< LOD	116043	
Span09	10 U 615100 5829915	1433 m	508	Soil	180.36	ppm	< LOD	< LOD	8	53954	7
			509	Soil	180.12	ppm	< LOD	< LOD	7	54181	7
			510	Mining	180.26	ppm	< LOD	< LOD	< LOD	61603	
			511	Mining	182.34	ppm	< LOD	< LOD	< LOD	62014	
Span12	10 U 615161 5829914	1427 m	524	Soil	180	ppm	< LOD	< LOD	11	70177	< LOD
			525	Soil	180.08	ppm	< LOD	< LOD	11	70883	< LOD
			526	Mining	180.15	ppm	< LOD	< LOD	< LOD	77130	
			527	Mining	181.12	ppm	< LOD	< LOD	< LOD	76281	
Span13	10 U 615178 5829920	1426 m	528	Soil	180.22	ppm	6	110	11	64984	< LOD
			529	Soil	180.06	ppm	6	109	11	64704	< LOD
			530	Mining	181.8	ppm	< LOD	< LOD	< LOD	72488	
			531	Mining	181.17	ppm	< LOD	< LOD	< LOD	72222	
Span14	10 U 615200 5829923	1427 m	532	Soil	180.34	ppm	< LOD	< LOD	11	72084	< LOD
			533	Soil	180.08	ppm	< LOD	< LOD	13	71998	9

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Au	Ag	As	Fe	Hg
			534	Mining	180.43	ppm	< LOD	< LOD	6	78103	
			535	Mining	181	ppm	< LOD	< LOD	< LOD	78454	
Span15	10 U 615216 5829935	1427 m	536	Soil	180.21	ppm	< LOD	< LOD	9	67879	< LOD
			537	Soil	180.39	ppm	< LOD	< LOD	9	68425	< LOD
			538	Mining	181.36	ppm	< LOD	< LOD	< LOD	74715	
			539	Mining	180.09	ppm	< LOD	< LOD	< LOD	74618	
Span16	10 U 615229 5829938	1432 m	542	Soil	180.22	ppm	< LOD	< LOD	8	100959	< LOD
			543	Soil	180.39	ppm	7	101	10	101231	< LOD
			544	Mining	180.58	ppm	< LOD	< LOD	< LOD	101829	
			545	Mining	180.69	ppm	< LOD	< LOD	< LOD	101475	
Span17	10 U 615257 5829934	1429 m	546	Soil	180.01	ppm	< LOD	< LOD	12	42832	< LOD
			547	Soil	180.37	ppm	< LOD	< LOD	7	42518	< LOD
			548	Mining	181.02	ppm	< LOD	< LOD	< LOD	51624	
			549	Mining	181.34	ppm	< LOD	< LOD	< LOD	51414	
Span18	10 U 615276 5829935	1428 m	550	Soil	180.39	ppm	< LOD	< LOD	11	40686	< LOD
			551	Soil	180.33	ppm	< LOD	< LOD	12	40778	8
			552	Mining	180.97	ppm	< LOD	< LOD	< LOD	49513	
			553	Mining	181.02	ppm	< LOD	< LOD	< LOD	49570	
Span19	10 U 615297 5829930	1428 m	554	Soil	180.32	ppm	6	< LOD	10	38965	< LOD
			555	Soil	180.41	ppm	< LOD	< LOD	12	38924	< LOD
			556	Mining	180.23	ppm	< LOD	< LOD	< LOD	47139	
			557	Mining	181.11	ppm	< LOD	< LOD	< LOD	47265	
Span20	10 U 615316 5829930	1428 m	558	Soil	180.22	ppm	< LOD	< LOD	9	57464	< LOD
			559	Soil	180.29	ppm	< LOD	< LOD	7	57364	< LOD
			560	Mining	180.99	ppm	< LOD	< LOD	< LOD	65562	
			561	Mining	181.83	ppm	< LOD	< LOD	< LOD	65338	
Span21	10 U 615338 5829924	1426 m	566	Soil	180.34	ppm	< LOD	< LOD	16	40960	< LOD
			567	Soil	180.17	ppm	< LOD	< LOD	16	41080	< LOD
			568	Mining	181.29	ppm	< LOD	< LOD	7	49806	
			569	Mining	180.25	ppm	< LOD	< LOD	6	49818	
Span22	10 U 615355 5829907	1426 m	570	Soil	180.13	ppm	< LOD	< LOD	8	40730	< LOD
			571	Soil	180.14	ppm	< LOD	105	11	41032	< LOD
			572	Mining	181.13	ppm	< LOD	< LOD	< LOD	49295	
			573	Mining	181.06	ppm	< LOD	< LOD	< LOD	49485	
Span23	10 U 615359 5829887	1426 m	574	Soil	180.07	ppm	< LOD	< LOD	20	37838	8
			575	Soil	180.01	ppm	< LOD	< LOD	23	37603	< LOD
			576	Mining	181.45	ppm	< LOD	< LOD	17	46102	
			577	Mining	181.06	ppm	< LOD	< LOD	17	46251	
Span24	10 U 615352 5829868	1428 m	578	Soil	180.25	ppm	< LOD	< LOD	13	32359	< LOD
			579	Soil	180.12	ppm	< LOD	< LOD	16	32460	7
			580	Mining	181.81	ppm	< LOD	< LOD	7	40555	
			581	Mining	180.16	ppm	< LOD	< LOD	10	40685	
Span25	10 U 615345 5829845	1430 m	582	Soil	180.17	ppm	7	< LOD	15	35873	< LOD
			583	Soil	180.18	ppm	< LOD	< LOD	14	36341	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Au	Ag	As	Fe	Hg
			584	Mining	181.79	ppm	< LOD	< LOD	11	44683	
			585	Mining	180.71	ppm	< LOD	< LOD	12	44687	
Span26	10 U 615335 5829830	1441 m	588	Soil	180.34	ppm	< LOD	< LOD	14	35642	< LOD
			589	Soil	180.31	ppm	< LOD	< LOD	15	35545	< LOD
			590	Mining	180.34	ppm	< LOD	< LOD	6	43295	
			591	Mining	180.14	ppm	< LOD	< LOD	7	43766	
Span27	10 U 615323 5829814	1437 m	592	Soil	180.1	ppm	< LOD	< LOD	16	41151	< LOD
			593	Soil	180.39	ppm	6	< LOD	15	41164	< LOD
			594	Mining	181.72	ppm	< LOD	< LOD	10	50011	
			595	Mining	181.62	ppm	< LOD	< LOD	6	50211	
Span28	10 U 615307 5829797	1438 m	596	Soil	180.01	ppm	< LOD	< LOD	21	40256	6
			597	Soil	180.34	ppm	< LOD	< LOD	14	40397	< LOD
			598	Mining	180.12	ppm	< LOD	< LOD	9	49144	
			599	Mining	180.97	ppm	< LOD	< LOD	7	48875	
Span29	10 U 615296 5829784	1437 m	600	Soil	180.18	ppm	< LOD	< LOD	19	42058	< LOD
			601	Soil	180.15	ppm	< LOD	< LOD	18	41949	< LOD
			602	Mining	180.79	ppm	< LOD	< LOD	11	50441	
			603	Mining	181.04	ppm	< LOD	< LOD	9	50603	
Span30	10 U 615294 5829761	1439 m	604	Soil	180.02	ppm	< LOD	< LOD	16	38863	< LOD
			605	Soil	180.37	ppm	< LOD	< LOD	16	39196	9
			606	Mining	180.94	ppm	< LOD	< LOD	10	47610	
			607	Mining	180.9	ppm	< LOD	< LOD	7	47925	
Span31	10 U 615277 5829749	1437 m	610	Soil	180.12	ppm	< LOD	< LOD	21	41409	< LOD
			611	Soil	180.38	ppm	< LOD	< LOD	18	41816	< LOD
			612	Mining	181.16	ppm	< LOD	< LOD	10	50012	
			613	Mining	181.19	ppm	< LOD	< LOD	11	50474	
Span32	10 U 615270 5829730	1437 m	614	Soil	180.22	ppm	< LOD	< LOD	11	33976	< LOD
			615	Soil	180.21	ppm	< LOD	< LOD	10	34226	< LOD
			616	Mining	180.6	ppm	< LOD	< LOD	8	43244	
			617	Mining	180.47	ppm	< LOD	< LOD	8	43223	
Span33	10 U 615260 5829713	1438 m	618	Soil	180.2	ppm	< LOD	< LOD	17	36139	7
			619	Soil	180.25	ppm	< LOD	< LOD	16	35949	< LOD
			620	Mining	180.28	ppm	< LOD	< LOD	13	44449	
			621	Mining	180.33	ppm	< LOD	< LOD	9	44432	
Span34	10 U 615253 5829695	1438 m	622	Soil	180.13	ppm	< LOD	< LOD	19	34143	< LOD
			623	Soil	180.35	ppm	< LOD	< LOD	16	34285	< LOD
			624	Mining	180.46	ppm	< LOD	< LOD	9	42681	
			625	Mining	180.39	ppm	< LOD	< LOD	9	43163	
Span35	10 U 615243 5829679	1438 m	626	Soil	180.15	ppm	< LOD	< LOD	12	24966	6
			627	Soil	180.37	ppm	< LOD	< LOD	12	24965	7
			628	Mining	181.05	ppm	< LOD	< LOD	8	32389	
			629	Mining	181.43	ppm	< LOD	< LOD	6	32426	
Span36	10 U 615234 5829661	1437 m	634	Soil	180.24	ppm	< LOD	< LOD	16	35443	< LOD
			635	Soil	180.1	ppm	< LOD	< LOD	15	35797	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Au	Ag	As	Fe	Hg
			636	Mining	180.23	ppm	< LOD	< LOD	< LOD	43834	
			637	Mining	180.39	ppm	< LOD	< LOD	8	43845	
Span37	10 U 615226 5829641	1438 m	638	Soil	180.09	ppm	< LOD	103	15	34329	< LOD
			639	Soil	180.26	ppm	< LOD	105	16	34535	6
			640	Mining	181.03	ppm	< LOD	< LOD	8	42522	
			641	Mining	181.46	ppm	< LOD	< LOD	9	42265	
Span38	10 U 615209 5829630	1436 m	642	Soil	180.14	ppm	6	< LOD	17	35699	< LOD
			643	Soil	180.11	ppm	7	< LOD	17	36120	< LOD
			644	Mining	181.06	ppm	< LOD	< LOD	11	44715	
			645	Mining	181.02	ppm	< LOD	< LOD	10	44391	
Span39	10 U 615194 5829616	1436 m	646	Soil	180.07	ppm	< LOD	< LOD	21	37108	< LOD
			647	Soil	180.02	ppm	< LOD	< LOD	22	37110	< LOD
			648	Mining	181.39	ppm	< LOD	< LOD	13	45391	
			649	Mining	181.04	ppm	< LOD	< LOD	13	45535	
Span40	10 U 615179 5829605	1434 m	650	Soil	180.24	ppm	< LOD	< LOD	17	36847	< LOD
			651	Soil	180	ppm	< LOD	< LOD	18	37059	< LOD
			652	Mining	180.98	ppm	< LOD	< LOD	12	45424	
			653	Mining	181.78	ppm	< LOD	< LOD	12	45141	
Span41	10 U 615159 5829595	1436 m	656	Soil	180.17	ppm	< LOD	< LOD	13	29946	< LOD
			657	Soil	180.32	ppm	< LOD	< LOD	9	29816	< LOD
			658	Mining	180.41	ppm	< LOD	< LOD	6	38267	
			659	Mining	180.54	ppm	< LOD	< LOD	< LOD	38357	
Span42	10 U 615145 5829582	1434 m	660	Soil	180.19	ppm	8	< LOD	17	34436	< LOD
			661	Soil	180.12	ppm	< LOD	< LOD	17	34388	6
			662	Mining	181.1	ppm	< LOD	< LOD	11	42887	
			663	Mining	181.2	ppm	< LOD	< LOD	10	42806	
Span43	10 U 615131 5829569	1434 m	664	Soil	180.08	ppm	< LOD	< LOD	21	36651	7
			665	Soil	180.02	ppm	< LOD	< LOD	18	36645	< LOD
			666	Mining	180.78	ppm	< LOD	< LOD	10	45422	
			667	Mining	180.91	ppm	< LOD	< LOD	12	45409	
Span44	10 U 615118 5829555	1434 m	668	Soil	180.29	ppm	< LOD	< LOD	22	36740	< LOD
			669	Soil	180.15	ppm	< LOD	< LOD	19	36821	< LOD
			670	Mining	181.63	ppm	< LOD	< LOD	12	45133	
			671	Mining	180.24	ppm	< LOD	< LOD	13	45146	
Span45	10 U 615103 5829542	1432 m	672	Soil	180.19	ppm	< LOD	< LOD	22	36106	< LOD
			673	Soil	180.16	ppm	< LOD	< LOD	20	36302	6
			674	Mining	180.22	ppm	< LOD	< LOD	11	44573	
			675	Mining	181.28	ppm	< LOD	< LOD	11	44860	
Span46	10 U 615090 5829528	1433 m	680	Soil	180.2	ppm	< LOD	< LOD	25	38152	< LOD
			681	Soil	180.21	ppm	< LOD	< LOD	25	38544	< LOD
			682	Mining	181.58	ppm	< LOD	< LOD	15	46545	
			683	Mining	181.52	ppm	< LOD	< LOD	16	46859	
Span47	10 U 615082 5829510	1433 m	684	Soil	180.11	ppm	< LOD	< LOD	16	37536	7
			685	Soil	180.16	ppm	< LOD	< LOD	15	37998	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Au	Ag	As	Fe	Hg
			686	Mining	181.12	ppm	< LOD	< LOD	8	46569	
			687	Mining	181.36	ppm	< LOD	< LOD	11	46788	
Span48	10 U 615081 5829493	1432 m	688	Soil	180.37	ppm	< LOD	< LOD	18	67214	< LOD
			689	Soil	180.35	ppm	< LOD	< LOD	19	67365	< LOD
			690	Mining	181.29	ppm	< LOD	< LOD	10	74391	
			691	Mining	181.58	ppm	< LOD	< LOD	8	74166	
Span49	10 U 615079 5829471	1433 m	692	Soil	180.23	ppm	< LOD	< LOD	16	49595	< LOD
			693	Soil	180.21	ppm	< LOD	< LOD	18	49732	< LOD
			694	Mining	180.24	ppm	< LOD	< LOD	13	58297	
			695	Mining	180.53	ppm	< LOD	< LOD	11	58769	
Span50	10 U 615082 5829452	1430 m	696	Soil	180.19	ppm	< LOD	< LOD	17	42416	< LOD
			697	Soil	180.24	ppm	< LOD	< LOD	14	42799	< LOD
			698	Mining	181.27	ppm	< LOD	< LOD	7	51131	
			699	Mining	180.4	ppm	< LOD	< LOD	8	51680	
Span52	10 U 615092 5829413	1426 m	702	Soil	180.12	ppm	< LOD	< LOD	9	44081	8
			703	Soil	180.32	ppm	< LOD	100	7	44358	7
			704	Mining	181.41	ppm	< LOD	< LOD	< LOD	52882	
			705	Mining	181.61	ppm	< LOD	< LOD	< LOD	53129	
Span53	10 U 615097 5829395	1425 m	706	Soil	180.1	ppm	< LOD	< LOD	14	44319	< LOD
			707	Soil	180.34	ppm	< LOD	< LOD	16	44792	< LOD
			708	Mining	180.54	ppm	< LOD	< LOD	6	53067	
			709	Mining	180.23	ppm	< LOD	< LOD	< LOD	53252	
Span56	10 U 615123 5829341	1422 m	720	Soil	180.39	ppm	< LOD	< LOD	9	63577	7
			721	Soil	180.1	ppm	< LOD	< LOD	7	64249	< LOD
			722	Mining	181.86	ppm	< LOD	< LOD	< LOD	71206	
			723	Mining	180.93	ppm	< LOD	< LOD	< LOD	71414	
Span57	10 U 615136 5829325	1421 m	724	Soil	180.22	ppm	< LOD	< LOD	13	35183	7
			725	Soil	180.3	ppm	< LOD	< LOD	12	35132	< LOD
			726	Mining	180.58	ppm	< LOD	< LOD	< LOD	43922	
			727	Mining	180.49	ppm	< LOD	< LOD	< LOD	44021	
Span58	10 U 615145 5829306	1421 m	728	Soil	180.35	ppm	< LOD	< LOD	6	50418	9
			729	Soil	180.12	ppm	< LOD	< LOD	10	50307	< LOD
			730	Mining	181.73	ppm	< LOD	< LOD	< LOD	58580	
			731	Mining	180.87	ppm	< LOD	< LOD	< LOD	58714	
Span59	10 U 615150 5829288	1419 m	732	Soil	180.28	ppm	< LOD	< LOD	12	32896	< LOD
			733	Soil	180.14	ppm	< LOD	< LOD	11	33052	< LOD
			734	Mining	180	ppm	< LOD	< LOD	< LOD	40878	
			735	Mining	180.54	ppm	< LOD	< LOD	< LOD	40747	
Span60	10 U 615157 5829268	1417 m	736	Soil	180.37	ppm	< LOD	< LOD	9	39775	7
			737	Soil	180.24	ppm	< LOD	< LOD	9	40293	< LOD
			738	Mining	180.54	ppm	< LOD	< LOD	< LOD	48447	
			739	Mining	180.51	ppm	< LOD	< LOD	7	48863	
Span61	10 U 615155 5829248	1416 m	744	Soil	180.14	ppm	< LOD	< LOD	10	37847	< LOD
			745	Soil	180.17	ppm	< LOD	< LOD	10	38150	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Au	Ag	As	Fe	Hg
			746	Mining	180.8	ppm	< LOD	< LOD	< LOD	46738	
			747	Mining	181.43	ppm	< LOD	< LOD	< LOD	46582	
Span62	10 U 615157 5829230	1417 m	748	Soil	180.24	ppm	< LOD	< LOD	14	43066	< LOD
			749	Soil	180	ppm	< LOD	< LOD	10	42775	< LOD
			750	Mining	180.19	ppm	< LOD	< LOD	< LOD	51638	
			751	Mining	180.87	ppm	< LOD	< LOD	< LOD	51407	
Span63	10 U 615165 5829212	1414 m	752	Soil	180.15	ppm	< LOD	< LOD	15	38807	< LOD
			753	Soil	180.19	ppm	< LOD	< LOD	15	39113	< LOD
			754	Mining	181.37	ppm	< LOD	< LOD	9	47478	
			755	Mining	181.13	ppm	< LOD	< LOD	7	47745	
Span64	10 U 615159 5829193	1414 m	756	Soil	180.04	ppm	< LOD	< LOD	12	51048	< LOD
			757	Soil	180.35	ppm	< LOD	< LOD	11	51027	< LOD
			758	Mining	180.67	ppm	< LOD	< LOD	6	59614	
			759	Mining	180.3	ppm	< LOD	< LOD	7	59746	
Span65	10 U 615161 5829172	1414 m	760	Soil	180.17	ppm	8	< LOD	13	33522	< LOD
			761	Soil	180.26	ppm	< LOD	< LOD	15	33922	< LOD
			762	Mining	180.28	ppm	< LOD	< LOD	10	41707	
			763	Mining	181.32	ppm	< LOD	< LOD	< LOD	41840	
Span66	10 U 615162 5829151	1413 m	766	Soil	180.04	ppm	< LOD	< LOD	18	45636	< LOD
			767	Soil	180.23	ppm	< LOD	< LOD	19	46164	< LOD
			768	Mining	180.2	ppm	< LOD	< LOD	10	55076	
			769	Mining	180.6	ppm	< LOD	< LOD	14	55075	
Span68	10 U 615163 5829112	1414 m	770	Soil	180.32	ppm	< LOD	< LOD	16	44499	< LOD
			771	Soil	180.22	ppm	< LOD	< LOD	15	44840	< LOD
			772	Mining	181.67	ppm	< LOD	< LOD	6	53424	
			773	Mining	180.32	ppm	< LOD	< LOD	< LOD	53383	
Span69	10 U 615160 5829093	1414 m	774	Soil	180.38	ppm	< LOD	< LOD	12	39784	< LOD
			775	Soil	180.05	ppm	6	< LOD	12	39955	< LOD
			776	Mining	180.36	ppm	< LOD	< LOD	< LOD	48742	
			777	Mining	180.62	ppm	< LOD	< LOD	6	48911	
Span70	10 U 615164 5829073	1411 m	778	Soil	180.25	ppm	< LOD	< LOD	10	38946	< LOD
			779	Soil	180.18	ppm	< LOD	< LOD	13	39141	< LOD
			780	Mining	180.34	ppm	< LOD	< LOD	5	47934	
			781	Mining	181.59	ppm	< LOD	< LOD	8	47957	
Span72	10 U 615166 5829033	1410 m	784	Soil	180.18	ppm	7	< LOD	16	33854	< LOD
			785	Soil	180.06	ppm	< LOD	< LOD	13	33819	6
			786	Mining	181.82	ppm	< LOD	< LOD	6	42132	
			787	Mining	181.32	ppm	< LOD	< LOD	9	42205	
Span73	10 U 615161 5829010	1410 m	788	Soil	180.02	ppm	< LOD	< LOD	11	32256	< LOD
			789	Soil	180.34	ppm	< LOD	< LOD	12	32283	< LOD
			790	Mining	180.63	ppm	< LOD	< LOD	8	40566	
			791	Mining	180.28	ppm	< LOD	< LOD	< LOD	40675	
Span74	10 U 615153 5828990	1411 m	792	Soil	180.24	ppm	7	< LOD	15	29840	< LOD
			793	Soil	180.29	ppm	< LOD	< LOD	15	29832	7

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Au	Ag	As	Fe	Hg
			794	Mining	181.53	ppm	< LOD	< LOD	7	37386	
			795	Mining	180.11	ppm	< LOD	< LOD	7	37668	
Span75	10 U 615155 5828972	1410 m	800	Soil	180.07	ppm	< LOD	< LOD	16	34550	< LOD
			801	Soil	180.16	ppm	< LOD	< LOD	15	34437	< LOD
			802	Mining	180.38	ppm	< LOD	< LOD	7	43004	
			803	Mining	180.88	ppm	< LOD	< LOD	10	43188	
Span76	10 U 615156 5828951	1410 m	804	Soil	180.21	ppm	6	< LOD	10	32809	< LOD
			805	Soil	180.37	ppm	< LOD	< LOD	9	32723	< LOD
			806	Mining	181.19	ppm	< LOD	< LOD	< LOD	40678	
			807	Mining	180.73	ppm	< LOD	< LOD	< LOD	41114	
Span77	10 U 615159 5828932	1410 m	808	Soil	180.15	ppm	< LOD	< LOD	14	30736	< LOD
			809	Soil	180.28	ppm	< LOD	< LOD	14	30694	< LOD
			810	Mining	181.14	ppm	< LOD	< LOD	7	38712	
			811	Mining	180.59	ppm	< LOD	< LOD	9	38592	
Span78	10 U 615162 5828911	1411 m	812	Soil	180.37	ppm	< LOD	107	9	32879	< LOD
			813	Soil	180.02	ppm	< LOD	113	6	32755	< LOD
			814	Mining	180.89	ppm	< LOD	< LOD	< LOD	41122	
			815	Mining	180.66	ppm	< LOD	< LOD	< LOD	41246	
Span79	10 U 615161 5828891	1409 m	816	Soil	180.14	ppm	< LOD	< LOD	15	29159	9
			817	Soil	180.28	ppm	6	< LOD	19	29327	< LOD
			818	Mining	181.5	ppm	< LOD	< LOD	10	37129	
			819	Mining	181.27	ppm	< LOD	< LOD	11	37111	
Span80	10 U 615160 5829071	nually Ente	820	Soil	180.18	ppm	< LOD	< LOD	12	33428	< LOD
			821	Soil	180.39	ppm	< LOD	< LOD	13	33250	< LOD
			822	Mining	180.06	ppm	< LOD	< LOD	6	41442	
			823	Mining	180.78	ppm	< LOD	< LOD	< LOD	42319	

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Sb	Bi	Se	Te	Cu
Span01	10 U 614947 5829929	1446 m	473	Soil	180.16	ppm	19		< LOD	33	57
			474	Soil	180.31	ppm	< LOD		< LOD	37	60
			475	Soil	180.14	ppm	17		< LOD	35	59
			476	Mining	181.66	ppm	< LOD	< LOD	< LOD		59
			477	Mining	180.52	ppm	< LOD	< LOD	< LOD		65
Span02	10 U 614966 5829926	1446 m	478	Soil	180.01	ppm	19		< LOD	39	55
			479	Soil	180.37	ppm	12		< LOD	44	59
			480	Mining	181.39	ppm	< LOD	< LOD	< LOD		46
			481	Mining	180.54	ppm	< LOD	< LOD	< LOD		37
Span03	10 U 614985 5829921	1444 m	482	Soil	180.35	ppm	16		< LOD	37	47
			483	Soil	180.01	ppm	16		3	50	48
			484	Mining	181.83	ppm	< LOD	< LOD	< LOD		35
			485	Mining	180.69	ppm	< LOD	< LOD	< LOD		44
Span04	10 U 615003 5829916	1441 m	486	Soil	180.29	ppm	< LOD		< LOD	55	43
			487	Soil	180.13	ppm	< LOD		< LOD	30	42
			488	Mining	180.11	ppm	< LOD	< LOD	< LOD		34
			489	Mining	181.59	ppm	< LOD	< LOD	< LOD		42
Span05	10 U 615027 5829912	1443 m	490	Soil	180.05	ppm	12		3	44	55
			491	Soil	180.22	ppm	13		< LOD	44	53
			492	Mining	181.3	ppm	< LOD	< LOD	< LOD		42
			493	Mining	180.72	ppm	< LOD	< LOD	< LOD		41
Span06	10 U 615044 5829908	1442 m	496	Soil	180.37	ppm	28		< LOD	102	69
			497	Soil	180.24	ppm	22		3	84	70
			498	Mining	181.78	ppm	< LOD	< LOD	< LOD		60
			499	Mining	180.55	ppm	< LOD	< LOD	< LOD		68
Span08	10 U 615081 5829912	1437 m	504	Soil	180.02	ppm	17		< LOD	56	48
			505	Soil	180.36	ppm	20		4	62	48
			506	Mining	181.74	ppm	< LOD	< LOD	< LOD		33
			507	Mining	181.63	ppm	< LOD	< LOD	< LOD		30
Span09	10 U 615100 5829915	1433 m	508	Soil	180.36	ppm	< LOD		< LOD	61	76
			509	Soil	180.12	ppm	< LOD		< LOD	47	69
			510	Mining	180.26	ppm	< LOD	< LOD	< LOD		78
			511	Mining	182.34	ppm	< LOD	< LOD	< LOD		73
Span12	10 U 615161 5829914	1427 m	524	Soil	180	ppm	12		< LOD	55	81
			525	Soil	180.08	ppm	13		< LOD	45	86
			526	Mining	180.15	ppm	< LOD	< LOD	< LOD		70
			527	Mining	181.12	ppm	< LOD	< LOD	< LOD		70
Span13	10 U 615178 5829920	1426 m	528	Soil	180.22	ppm	17		< LOD	67	115
			529	Soil	180.06	ppm	26		< LOD	65	105
			530	Mining	181.8	ppm	< LOD	< LOD	< LOD		117
			531	Mining	181.17	ppm	< LOD	< LOD	< LOD		98
Span14	10 U 615200 5829923	1427 m	532	Soil	180.34	ppm	18		< LOD	40	114
			533	Soil	180.08	ppm	17		< LOD	72	110

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Sb	Bi	Se	Te	Cu
			534	Mining	180.43	ppm	< LOD	< LOD	< LOD		107
			535	Mining	181	ppm	< LOD	< LOD	< LOD		116
Span15	10 U 615216 5829935	1427 m	536	Soil	180.21	ppm	15		< LOD	54	74
			537	Soil	180.39	ppm	22		< LOD	< LOD	78
			538	Mining	181.36	ppm	< LOD	< LOD	< LOD		61
			539	Mining	180.09	ppm	< LOD	< LOD	< LOD		74
Span16	10 U 615229 5829938	1432 m	542	Soil	180.22	ppm	< LOD		< LOD	47	107
			543	Soil	180.39	ppm	16		< LOD	36	104
			544	Mining	180.58	ppm	< LOD	< LOD	< LOD		82
			545	Mining	180.69	ppm	< LOD	< LOD	< LOD		90
Span17	10 U 615257 5829934	1429 m	546	Soil	180.01	ppm	17		< LOD	49	199
			547	Soil	180.37	ppm	17		< LOD	49	194
			548	Mining	181.02	ppm	< LOD	< LOD	< LOD		205
			549	Mining	181.34	ppm	< LOD	< LOD	< LOD		210
Span18	10 U 615276 5829935	1428 m	550	Soil	180.39	ppm	17		< LOD	54	46
			551	Soil	180.33	ppm	14		< LOD	67	51
			552	Mining	180.97	ppm	< LOD	< LOD	< LOD		43
			553	Mining	181.02	ppm	< LOD	< LOD	< LOD		33
Span19	10 U 615297 5829930	1428 m	554	Soil	180.32	ppm	19		< LOD	42	56
			555	Soil	180.41	ppm	17		< LOD	60	53
			556	Mining	180.23	ppm	< LOD	< LOD	< LOD		39
			557	Mining	181.11	ppm	< LOD	< LOD	< LOD		43
Span20	10 U 615316 5829930	1428 m	558	Soil	180.22	ppm	< LOD		< LOD	< LOD	61
			559	Soil	180.29	ppm	< LOD		< LOD	< LOD	56
			560	Mining	180.99	ppm	< LOD	< LOD	< LOD		67
			561	Mining	181.83	ppm	< LOD	< LOD	< LOD		47
Span21	10 U 615338 5829924	1426 m	566	Soil	180.34	ppm	27		< LOD	50	49
			567	Soil	180.17	ppm	21		< LOD	57	43
			568	Mining	181.29	ppm	< LOD	< LOD	< LOD		51
			569	Mining	180.25	ppm	< LOD	< LOD	< LOD		40
Span22	10 U 615355 5829907	1426 m	570	Soil	180.13	ppm	17		< LOD	45	52
			571	Soil	180.14	ppm	23		< LOD	79	55
			572	Mining	181.13	ppm	< LOD	< LOD	< LOD		47
			573	Mining	181.06	ppm	< LOD	< LOD	< LOD		44
Span23	10 U 615359 5829887	1426 m	574	Soil	180.07	ppm	< LOD		< LOD	< LOD	32
			575	Soil	180.01	ppm	< LOD		< LOD	< LOD	28
			576	Mining	181.45	ppm	< LOD	< LOD	< LOD		< LOD
			577	Mining	181.06	ppm	< LOD	< LOD	< LOD		< LOD
Span24	10 U 615352 5829868	1428 m	578	Soil	180.25	ppm	20		< LOD	76	35
			579	Soil	180.12	ppm	20		< LOD	63	30
			580	Mining	181.81	ppm	< LOD	< LOD	< LOD		24
			581	Mining	180.16	ppm	< LOD	< LOD	< LOD		28
Span25	10 U 615345 5829845	1430 m	582	Soil	180.17	ppm	19		< LOD	61	37
			583	Soil	180.18	ppm	19		< LOD	65	29

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Sb	Bi	Se	Te	Cu
			584	Mining	181.79	ppm	< LOD	< LOD	< LOD		< LOD
			585	Mining	180.71	ppm	< LOD	< LOD	< LOD		38
Span26	10 U 615335 5829830	1441 m	588	Soil	180.34	ppm	18		< LOD	65	35
			589	Soil	180.31	ppm	21		< LOD	66	37
			590	Mining	180.34	ppm	< LOD	< LOD	< LOD		30
			591	Mining	180.14	ppm	< LOD	< LOD	< LOD		24
Span27	10 U 615323 5829814	1437 m	592	Soil	180.1	ppm	22		< LOD	55	43
			593	Soil	180.39	ppm	18		< LOD	57	35
			594	Mining	181.72	ppm	< LOD	< LOD	< LOD		37
			595	Mining	181.62	ppm	< LOD	< LOD	< LOD		27
Span28	10 U 615307 5829797	1438 m	596	Soil	180.01	ppm	17		< LOD	43	35
			597	Soil	180.34	ppm	20		< LOD	31	38
			598	Mining	180.12	ppm	< LOD	< LOD	< LOD		< LOD
			599	Mining	180.97	ppm	< LOD	< LOD	< LOD		< LOD
Span29	10 U 615296 5829784	1437 m	600	Soil	180.18	ppm	< LOD		< LOD	< LOD	39
			601	Soil	180.15	ppm	11		< LOD	36	32
			602	Mining	180.79	ppm	< LOD	< LOD	< LOD		32
			603	Mining	181.04	ppm	< LOD	< LOD	< LOD		31
Span30	10 U 615294 5829761	1439 m	604	Soil	180.02	ppm	15		< LOD	42	34
			605	Soil	180.37	ppm	14		< LOD	45	28
			606	Mining	180.94	ppm	< LOD	< LOD	< LOD		31
			607	Mining	180.9	ppm	< LOD	< LOD	< LOD		27
Span31	10 U 615277 5829749	1437 m	610	Soil	180.12	ppm	12		< LOD	46	61
			611	Soil	180.38	ppm	22		< LOD	31	57
			612	Mining	181.16	ppm	< LOD	< LOD	< LOD		49
			613	Mining	181.19	ppm	< LOD	< LOD	< LOD		47
Span32	10 U 615270 5829730	1437 m	614	Soil	180.22	ppm	< LOD		< LOD	< LOD	28
			615	Soil	180.21	ppm	< LOD		< LOD	< LOD	22
			616	Mining	180.6	ppm	< LOD	< LOD	< LOD		< LOD
			617	Mining	180.47	ppm	< LOD	< LOD	< LOD		< LOD
Span33	10 U 615260 5829713	1438 m	618	Soil	180.2	ppm	12		< LOD	37	15
			619	Soil	180.25	ppm	< LOD		< LOD	< LOD	28
			620	Mining	180.28	ppm	< LOD	< LOD	< LOD		< LOD
			621	Mining	180.33	ppm	< LOD	< LOD	< LOD		< LOD
Span34	10 U 615253 5829695	1438 m	622	Soil	180.13	ppm	19		< LOD	35	24
			623	Soil	180.35	ppm	15		< LOD	< LOD	19
			624	Mining	180.46	ppm	< LOD	< LOD	< LOD		< LOD
			625	Mining	180.39	ppm	< LOD	< LOD	< LOD		< LOD
Span35	10 U 615243 5829679	1438 m	626	Soil	180.15	ppm	20		< LOD	64	< LOD
			627	Soil	180.37	ppm	12		< LOD	33	13
			628	Mining	181.05	ppm	< LOD	< LOD	< LOD		< LOD
			629	Mining	181.43	ppm	< LOD	< LOD	< LOD		< LOD
Span36	10 U 615234 5829661	1437 m	634	Soil	180.24	ppm	13		< LOD	54	32
			635	Soil	180.1	ppm	16		< LOD	47	39

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Sb	Bi	Se	Te	Cu
			636	Mining	180.23	ppm	< LOD	< LOD	< LOD		26
			637	Mining	180.39	ppm	< LOD	< LOD	< LOD		< LOD
Span37	10 U 615226 5829641	1438 m	638	Soil	180.09	ppm	20		< LOD	80	30
			639	Soil	180.26	ppm	23		< LOD	50	34
			640	Mining	181.03	ppm	< LOD	< LOD	< LOD		< LOD
			641	Mining	181.46	ppm	< LOD	< LOD	< LOD		< LOD
Span38	10 U 615209 5829630	1436 m	642	Soil	180.14	ppm	21		< LOD	61	40
			643	Soil	180.11	ppm	26		< LOD	59	33
			644	Mining	181.06	ppm	< LOD	< LOD	< LOD		< LOD
			645	Mining	181.02	ppm	< LOD	< LOD	< LOD		< LOD
Span39	10 U 615194 5829616	1436 m	646	Soil	180.07	ppm	22		< LOD	56	26
			647	Soil	180.02	ppm	18		< LOD	40	30
			648	Mining	181.39	ppm	< LOD	< LOD	< LOD		< LOD
			649	Mining	181.04	ppm	< LOD	< LOD	< LOD		26
Span40	10 U 615179 5829605	1434 m	650	Soil	180.24	ppm	< LOD		< LOD	49	29
			651	Soil	180	ppm	< LOD		< LOD	35	30
			652	Mining	180.98	ppm	< LOD	< LOD	< LOD		< LOD
			653	Mining	181.78	ppm	< LOD	< LOD	< LOD		26
Span41	10 U 615159 5829595	1436 m	656	Soil	180.17	ppm	16		< LOD	43	28
			657	Soil	180.32	ppm	17		< LOD	< LOD	20
			658	Mining	180.41	ppm	< LOD	< LOD	< LOD		24
			659	Mining	180.54	ppm	< LOD	< LOD	< LOD		< LOD
Span42	10 U 615145 5829582	1434 m	660	Soil	180.19	ppm	13		< LOD	36	34
			661	Soil	180.12	ppm	15		< LOD	< LOD	26
			662	Mining	181.1	ppm	< LOD	< LOD	< LOD		< LOD
			663	Mining	181.2	ppm	< LOD	< LOD	< LOD		< LOD
Span43	10 U 615131 5829569	1434 m	664	Soil	180.08	ppm	13		< LOD	< LOD	21
			665	Soil	180.02	ppm	15		< LOD	33	32
			666	Mining	180.78	ppm	< LOD	< LOD	< LOD		25
			667	Mining	180.91	ppm	< LOD	< LOD	< LOD		< LOD
Span44	10 U 615118 5829555	1434 m	668	Soil	180.29	ppm	21		< LOD	59	58
			669	Soil	180.15	ppm	19		< LOD	75	64
			670	Mining	181.63	ppm	< LOD	< LOD	< LOD		48
			671	Mining	180.24	ppm	< LOD	< LOD	< LOD		58
Span45	10 U 615103 5829542	1432 m	672	Soil	180.19	ppm	16		< LOD	52	25
			673	Soil	180.16	ppm	16		< LOD	53	23
			674	Mining	180.22	ppm	< LOD	< LOD	< LOD		30
			675	Mining	181.28	ppm	< LOD	< LOD	< LOD		25
Span46	10 U 615090 5829528	1433 m	680	Soil	180.2	ppm	12		< LOD	38	29
			681	Soil	180.21	ppm	< LOD		< LOD	31	34
			682	Mining	181.58	ppm	< LOD	< LOD	< LOD		< LOD
			683	Mining	181.52	ppm	< LOD	< LOD	< LOD		30
Span47	10 U 615082 5829510	1433 m	684	Soil	180.11	ppm	< LOD		< LOD	38	33
			685	Soil	180.16	ppm	17		< LOD	54	36

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Sb	Bi	Se	Te	Cu
			686	Mining	181.12	ppm	< LOD	< LOD	< LOD		< LOD
			687	Mining	181.36	ppm	< LOD	< LOD	< LOD		24
Span48	10 U 615081 5829493	1432 m	688	Soil	180.37	ppm	< LOD		< LOD	41	95
			689	Soil	180.35	ppm	19		< LOD	50	91
			690	Mining	181.29	ppm	< LOD	< LOD	< LOD		95
			691	Mining	181.58	ppm	< LOD	< LOD	< LOD		93
Span49	10 U 615079 5829471	1433 m	692	Soil	180.23	ppm	14		< LOD	45	57
			693	Soil	180.21	ppm	14		< LOD	37	53
			694	Mining	180.24	ppm	< LOD	< LOD	< LOD		53
			695	Mining	180.53	ppm	< LOD	< LOD	< LOD		61
Span50	10 U 615082 5829452	1430 m	696	Soil	180.19	ppm	17		< LOD	66	43
			697	Soil	180.24	ppm	18		< LOD	37	42
			698	Mining	181.27	ppm	< LOD	< LOD	< LOD		36
			699	Mining	180.4	ppm	< LOD	< LOD	< LOD		47
Span52	10 U 615092 5829413	1426 m	702	Soil	180.12	ppm	< LOD		< LOD	46	65
			703	Soil	180.32	ppm	20		< LOD	48	63
			704	Mining	181.41	ppm	< LOD	< LOD	< LOD		52
			705	Mining	181.61	ppm	< LOD	< LOD	< LOD		60
Span53	10 U 615097 5829395	1425 m	706	Soil	180.1	ppm	< LOD		< LOD	47	52
			707	Soil	180.34	ppm	15		< LOD	33	55
			708	Mining	180.54	ppm	< LOD	< LOD	< LOD		28
			709	Mining	180.23	ppm	< LOD	< LOD	< LOD		40
Span56	10 U 615123 5829341	1422 m	720	Soil	180.39	ppm	< LOD		< LOD	42	122
			721	Soil	180.1	ppm	17		< LOD	50	114
			722	Mining	181.86	ppm	< LOD	< LOD	< LOD		126
			723	Mining	180.93	ppm	< LOD	< LOD	< LOD		116
Span57	10 U 615136 5829325	1421 m	724	Soil	180.22	ppm	15		< LOD	47	38
			725	Soil	180.3	ppm	19		< LOD	45	35
			726	Mining	180.58	ppm	< LOD	< LOD	< LOD		24
			727	Mining	180.49	ppm	< LOD	< LOD	< LOD		27
Span58	10 U 615145 5829306	1421 m	728	Soil	180.35	ppm	15		< LOD	55	63
			729	Soil	180.12	ppm	22		< LOD	65	60
			730	Mining	181.73	ppm	< LOD	< LOD	< LOD		51
			731	Mining	180.87	ppm	< LOD	< LOD	< LOD		57
Span59	10 U 615150 5829288	1419 m	732	Soil	180.28	ppm	23		< LOD	64	28
			733	Soil	180.14	ppm	14		< LOD	58	21
			734	Mining	180	ppm	< LOD	< LOD	< LOD		< LOD
			735	Mining	180.54	ppm	< LOD	< LOD	< LOD		< LOD
Span60	10 U 615157 5829268	1417 m	736	Soil	180.37	ppm	13		< LOD	40	101
			737	Soil	180.24	ppm	< LOD		< LOD	38	105
			738	Mining	180.54	ppm	< LOD	< LOD	< LOD		98
			739	Mining	180.51	ppm	< LOD	< LOD	< LOD		100
Span61	10 U 615155 5829248	1416 m	744	Soil	180.14	ppm	13		< LOD	39	201
			745	Soil	180.17	ppm	< LOD		< LOD	42	211

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Sb	Bi	Se	Te	Cu
			746	Mining	180.8	ppm	< LOD	< LOD	< LOD		220
			747	Mining	181.43	ppm	< LOD	< LOD	< LOD		232
Span62	10 U 615157 5829230	1417 m	748	Soil	180.24	ppm	17		< LOD	55	54
			749	Soil	180	ppm	20		< LOD	79	49
			750	Mining	180.19	ppm	< LOD	< LOD	< LOD		42
			751	Mining	180.87	ppm	< LOD	< LOD	< LOD		42
Span63	10 U 615165 5829212	1414 m	752	Soil	180.15	ppm	18		< LOD	65	45
			753	Soil	180.19	ppm	19		< LOD	70	54
			754	Mining	181.37	ppm	< LOD	< LOD	< LOD		29
			755	Mining	181.13	ppm	< LOD	< LOD	< LOD		37
Span64	10 U 615159 5829193	1414 m	756	Soil	180.04	ppm	24		< LOD	55	39
			757	Soil	180.35	ppm	22		< LOD	67	47
			758	Mining	180.67	ppm	< LOD	< LOD	< LOD		35
			759	Mining	180.3	ppm	< LOD	< LOD	< LOD		28
Span65	10 U 615161 5829172	1414 m	760	Soil	180.17	ppm	21		< LOD	59	31
			761	Soil	180.26	ppm	18		< LOD	59	28
			762	Mining	180.28	ppm	< LOD	< LOD	< LOD		27
			763	Mining	181.32	ppm	< LOD	< LOD	< LOD		< LOD
Span66	10 U 615162 5829151	1413 m	766	Soil	180.04	ppm	16		< LOD	48	32
			767	Soil	180.23	ppm	18		< LOD	41	32
			768	Mining	180.2	ppm	< LOD	< LOD	< LOD		31
			769	Mining	180.6	ppm	< LOD	< LOD	< LOD		33
Span68	10 U 615163 5829112	1414 m	770	Soil	180.32	ppm	21		< LOD	57	36
			771	Soil	180.22	ppm	17		< LOD	39	37
			772	Mining	181.67	ppm	< LOD	< LOD	< LOD		27
			773	Mining	180.32	ppm	< LOD	< LOD	< LOD		28
Span69	10 U 615160 5829093	1414 m	774	Soil	180.38	ppm	16		< LOD	40	37
			775	Soil	180.05	ppm	12		< LOD	49	39
			776	Mining	180.36	ppm	< LOD	< LOD	< LOD		29
			777	Mining	180.62	ppm	< LOD	< LOD	< LOD		28
Span70	10 U 615164 5829073	1411 m	778	Soil	180.25	ppm	12		< LOD	< LOD	41
			779	Soil	180.18	ppm	14		< LOD	51	34
			780	Mining	180.34	ppm	< LOD	< LOD	< LOD		< LOD
			781	Mining	181.59	ppm	< LOD	< LOD	< LOD		< LOD
Span72	10 U 615166 5829033	1410 m	784	Soil	180.18	ppm	18		< LOD	51	29
			785	Soil	180.06	ppm	17		< LOD	36	41
			786	Mining	181.82	ppm	< LOD	< LOD	< LOD		< LOD
			787	Mining	181.32	ppm	< LOD	< LOD	< LOD		24
Span73	10 U 615161 5829010	1410 m	788	Soil	180.02	ppm	12		< LOD	38	30
			789	Soil	180.34	ppm	< LOD		< LOD	< LOD	28
			790	Mining	180.63	ppm	< LOD	< LOD	< LOD		< LOD
			791	Mining	180.28	ppm	< LOD	< LOD	< LOD		27
Span74	10 U 615153 5828990	1411 m	792	Soil	180.24	ppm	16		< LOD	40	19
			793	Soil	180.29	ppm	16		< LOD	38	26

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Sb	Bi	Se	Te	Cu
			794	Mining	181.53	ppm	< LOD	< LOD	< LOD		22
			795	Mining	180.11	ppm	< LOD	< LOD	< LOD		< LOD
Span75	10 U 615155 5828972	1410 m	800	Soil	180.07	ppm	23		< LOD	57	23
			801	Soil	180.16	ppm	16		< LOD	52	38
			802	Mining	180.38	ppm	< LOD	< LOD	< LOD		28
			803	Mining	180.88	ppm	< LOD	< LOD	< LOD		25
Span76	10 U 615156 5828951	1410 m	804	Soil	180.21	ppm	11		< LOD	36	27
			805	Soil	180.37	ppm	13		< LOD	41	28
			806	Mining	181.19	ppm	< LOD	< LOD	< LOD		< LOD
			807	Mining	180.73	ppm	< LOD	< LOD	< LOD		< LOD
Span77	10 U 615159 5828932	1410 m	808	Soil	180.15	ppm	19		< LOD	56	26
			809	Soil	180.28	ppm	15		< LOD	34	25
			810	Mining	181.14	ppm	< LOD	< LOD	< LOD		23
			811	Mining	180.59	ppm	< LOD	< LOD	< LOD		< LOD
Span78	10 U 615162 5828911	1411 m	812	Soil	180.37	ppm	20		< LOD	75	29
			813	Soil	180.02	ppm	26		< LOD	70	25
			814	Mining	180.89	ppm	< LOD	< LOD	< LOD		< LOD
			815	Mining	180.66	ppm	< LOD	< LOD	< LOD		< LOD
Span79	10 U 615161 5828891	1409 m	816	Soil	180.14	ppm	16		< LOD	39	25
			817	Soil	180.28	ppm	17		< LOD	54	27
			818	Mining	181.5	ppm	< LOD	< LOD	< LOD		< LOD
			819	Mining	181.27	ppm	< LOD	< LOD	< LOD		< LOD
Span80	10 U 615160 5829071	annually Ente	820	Soil	180.18	ppm	21		4	59	32
			821	Soil	180.39	ppm	15		< LOD	65	27
			822	Mining	180.06	ppm	< LOD	< LOD	< LOD		< LOD
			823	Mining	180.78	ppm	< LOD	< LOD	< LOD		23

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Zn	Pb	Cd	Sn	W
Span01	10 U 614947 5829929	1446 m	473	Soil	180.16	ppm	138	8	< LOD	17	< LOD
			474	Soil	180.31	ppm	140	6	< LOD	< LOD	< LOD
			475	Soil	180.14	ppm	136	6	< LOD	< LOD	< LOD
			476	Mining	181.66	ppm	134	< LOD	< LOD	< LOD	< LOD
			477	Mining	180.52	ppm	133	< LOD	< LOD	< LOD	< LOD
Span02	10 U 614966 5829926	1446 m	478	Soil	180.01	ppm	139	6	< LOD	20	< LOD
			479	Soil	180.37	ppm	131	7	< LOD	21	< LOD
			480	Mining	181.39	ppm	133	< LOD	< LOD	< LOD	< LOD
			481	Mining	180.54	ppm	120	< LOD	< LOD	< LOD	< LOD
Span03	10 U 614985 5829921	1444 m	482	Soil	180.35	ppm	136	< LOD	< LOD	17	26
			483	Soil	180.01	ppm	135	< LOD	< LOD	14	< LOD
			484	Mining	181.83	ppm	120	< LOD	< LOD	< LOD	< LOD
			485	Mining	180.69	ppm	131	< LOD	< LOD	< LOD	< LOD
Span04	10 U 615003 5829916	1441 m	486	Soil	180.29	ppm	135	< LOD	< LOD	< LOD	< LOD
			487	Soil	180.13	ppm	142	9	< LOD	15	< LOD
			488	Mining	180.11	ppm	125	< LOD	< LOD	< LOD	< LOD
			489	Mining	181.59	ppm	125	< LOD	< LOD	< LOD	< LOD
Span05	10 U 615027 5829912	1443 m	490	Soil	180.05	ppm	143	7	< LOD	22	< LOD
			491	Soil	180.22	ppm	135	9	< LOD	27	27
			492	Mining	181.3	ppm	133	< LOD	< LOD	< LOD	< LOD
			493	Mining	180.72	ppm	128	< LOD	< LOD	< LOD	< LOD
Span06	10 U 615044 5829908	1442 m	496	Soil	180.37	ppm	203	< LOD	< LOD	37	< LOD
			497	Soil	180.24	ppm	217	< LOD	11	33	< LOD
			498	Mining	181.78	ppm	198	< LOD	< LOD	< LOD	< LOD
			499	Mining	180.55	ppm	184	< LOD	< LOD	< LOD	< LOD
Span08	10 U 615081 5829912	1437 m	504	Soil	180.02	ppm	235	< LOD	< LOD	27	< LOD
			505	Soil	180.36	ppm	245	< LOD	< LOD	21	< LOD
			506	Mining	181.74	ppm	226	< LOD	< LOD	< LOD	< LOD
			507	Mining	181.63	ppm	223	< LOD	< LOD	< LOD	< LOD
Span09	10 U 615100 5829915	1433 m	508	Soil	180.36	ppm	225	< LOD	< LOD	20	< LOD
			509	Soil	180.12	ppm	222	< LOD	< LOD	23	< LOD
			510	Mining	180.26	ppm	206	< LOD	< LOD	< LOD	< LOD
			511	Mining	182.34	ppm	207	< LOD	< LOD	< LOD	< LOD
Span12	10 U 615161 5829914	1427 m	524	Soil	180	ppm	163	< LOD	< LOD	19	< LOD
			525	Soil	180.08	ppm	168	< LOD	< LOD	21	< LOD
			526	Mining	180.15	ppm	173	< LOD	< LOD	< LOD	< LOD
			527	Mining	181.12	ppm	163	< LOD	< LOD	< LOD	< LOD
Span13	10 U 615178 5829920	1426 m	528	Soil	180.22	ppm	167	< LOD	< LOD	34	< LOD
			529	Soil	180.06	ppm	161	< LOD	< LOD	31	< LOD
			530	Mining	181.8	ppm	161	< LOD	< LOD	< LOD	< LOD
			531	Mining	181.17	ppm	156	< LOD	< LOD	< LOD	< LOD
Span14	10 U 615200 5829923	1427 m	532	Soil	180.34	ppm	272	< LOD	14	13	< LOD
			533	Soil	180.08	ppm	274	< LOD	14	19	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Zn	Pb	Cd	Sn	W
			534	Mining	180.43	ppm	257	< LOD	< LOD	< LOD	< LOD
			535	Mining	181	ppm	263	< LOD	< LOD	< LOD	< LOD
Span15	10 U 615216 5829935	1427 m	536	Soil	180.21	ppm	182	< LOD	< LOD	26	< LOD
			537	Soil	180.39	ppm	183	< LOD	< LOD	14	< LOD
			538	Mining	181.36	ppm	176	< LOD	< LOD	< LOD	< LOD
			539	Mining	180.09	ppm	167	< LOD	< LOD	< LOD	< LOD
Span16	10 U 615229 5829938	1432 m	542	Soil	180.22	ppm	227	< LOD	< LOD	24	< LOD
			543	Soil	180.39	ppm	231	< LOD	< LOD	21	< LOD
			544	Mining	180.58	ppm	221	< LOD	< LOD	< LOD	< LOD
			545	Mining	180.69	ppm	223	< LOD	< LOD	< LOD	< LOD
Span17	10 U 615257 5829934	1429 m	546	Soil	180.01	ppm	427	6	11	13	< LOD
			547	Soil	180.37	ppm	430	8	< LOD	18	< LOD
			548	Mining	181.02	ppm	446	< LOD	< LOD	< LOD	< LOD
			549	Mining	181.34	ppm	416	< LOD	< LOD	< LOD	< LOD
Span18	10 U 615276 5829935	1428 m	550	Soil	180.39	ppm	96	7	< LOD	24	< LOD
			551	Soil	180.33	ppm	96	< LOD	< LOD	21	< LOD
			552	Mining	180.97	ppm	86	< LOD	< LOD	< LOD	< LOD
			553	Mining	181.02	ppm	85	< LOD	< LOD	< LOD	< LOD
Span19	10 U 615297 5829930	1428 m	554	Soil	180.32	ppm	119	6	< LOD	18	< LOD
			555	Soil	180.41	ppm	118	7	< LOD	22	< LOD
			556	Mining	180.23	ppm	105	< LOD	< LOD	< LOD	< LOD
			557	Mining	181.11	ppm	106	< LOD	< LOD	< LOD	< LOD
Span20	10 U 615316 5829930	1428 m	558	Soil	180.22	ppm	144	< LOD	< LOD	< LOD	< LOD
			559	Soil	180.29	ppm	145	< LOD	< LOD	< LOD	< LOD
			560	Mining	180.99	ppm	138	< LOD	< LOD	< LOD	< LOD
			561	Mining	181.83	ppm	144	< LOD	< LOD	< LOD	< LOD
Span21	10 U 615338 5829924	1426 m	566	Soil	180.34	ppm	86	< LOD	< LOD	34	< LOD
			567	Soil	180.17	ppm	91	< LOD	< LOD	21	< LOD
			568	Mining	181.29	ppm	82	< LOD	< LOD	< LOD	< LOD
			569	Mining	180.25	ppm	74	< LOD	< LOD	< LOD	< LOD
Span22	10 U 615355 5829907	1426 m	570	Soil	180.13	ppm	92	< LOD	< LOD	18	< LOD
			571	Soil	180.14	ppm	82	< LOD	< LOD	27	< LOD
			572	Mining	181.13	ppm	73	< LOD	< LOD	< LOD	< LOD
			573	Mining	181.06	ppm	82	< LOD	< LOD	< LOD	< LOD
Span23	10 U 615359 5829887	1426 m	574	Soil	180.07	ppm	72	13	< LOD	< LOD	< LOD
			575	Soil	180.01	ppm	72	10	< LOD	< LOD	< LOD
			576	Mining	181.45	ppm	62	< LOD	< LOD	< LOD	< LOD
			577	Mining	181.06	ppm	68	< LOD	< LOD	< LOD	< LOD
Span24	10 U 615352 5829868	1428 m	578	Soil	180.25	ppm	73	9	< LOD	13	< LOD
			579	Soil	180.12	ppm	73	9	< LOD	18	< LOD
			580	Mining	181.81	ppm	63	< LOD	< LOD	< LOD	< LOD
			581	Mining	180.16	ppm	66	< LOD	< LOD	< LOD	< LOD
Span25	10 U 615345 5829845	1430 m	582	Soil	180.17	ppm	85	16	< LOD	25	< LOD
			583	Soil	180.18	ppm	87	17	< LOD	22	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Zn	Pb	Cd	Sn	W
			584	Mining	181.79	ppm	83	< LOD	< LOD	< LOD	< LOD
			585	Mining	180.71	ppm	76	< LOD	< LOD	< LOD	< LOD
Span26	10 U 615335 5829830	1441 m	588	Soil	180.34	ppm	87	8	< LOD	16	30
			589	Soil	180.31	ppm	78	9	< LOD	20	< LOD
			590	Mining	180.34	ppm	76	< LOD	< LOD	< LOD	< LOD
			591	Mining	180.14	ppm	71	< LOD	< LOD	< LOD	< LOD
Span27	10 U 615323 5829814	1437 m	592	Soil	180.1	ppm	84	8	< LOD	20	< LOD
			593	Soil	180.39	ppm	86	8	< LOD	23	< LOD
			594	Mining	181.72	ppm	81	< LOD	< LOD	< LOD	< LOD
			595	Mining	181.62	ppm	76	< LOD	< LOD	< LOD	< LOD
Span28	10 U 615307 5829797	1438 m	596	Soil	180.01	ppm	87	11	< LOD	13	< LOD
			597	Soil	180.34	ppm	88	16	< LOD	20	< LOD
			598	Mining	180.12	ppm	76	< LOD	< LOD	< LOD	< LOD
			599	Mining	180.97	ppm	74	< LOD	< LOD	< LOD	< LOD
Span29	10 U 615296 5829784	1437 m	600	Soil	180.18	ppm	84	18	< LOD	15	< LOD
			601	Soil	180.15	ppm	90	16	< LOD	< LOD	< LOD
			602	Mining	180.79	ppm	88	< LOD	< LOD	< LOD	< LOD
			603	Mining	181.04	ppm	83	< LOD	< LOD	< LOD	< LOD
Span30	10 U 615294 5829761	1439 m	604	Soil	180.02	ppm	86	19	< LOD	21	< LOD
			605	Soil	180.37	ppm	89	18	< LOD	21	< LOD
			606	Mining	180.94	ppm	72	< LOD	< LOD	< LOD	< LOD
			607	Mining	180.9	ppm	76	< LOD	< LOD	< LOD	< LOD
Span31	10 U 615277 5829749	1437 m	610	Soil	180.12	ppm	97	17	< LOD	18	< LOD
			611	Soil	180.38	ppm	95	21	< LOD	18	< LOD
			612	Mining	181.16	ppm	85	< LOD	< LOD	< LOD	< LOD
			613	Mining	181.19	ppm	83	< LOD	< LOD	< LOD	< LOD
Span32	10 U 615270 5829730	1437 m	614	Soil	180.22	ppm	76	16	< LOD	< LOD	< LOD
			615	Soil	180.21	ppm	83	16	< LOD	< LOD	< LOD
			616	Mining	180.6	ppm	77	< LOD	< LOD	< LOD	< LOD
			617	Mining	180.47	ppm	76	< LOD	< LOD	< LOD	< LOD
Span33	10 U 615260 5829713	1438 m	618	Soil	180.2	ppm	85	17	< LOD	14	< LOD
			619	Soil	180.25	ppm	80	14	< LOD	< LOD	< LOD
			620	Mining	180.28	ppm	84	< LOD	< LOD	< LOD	< LOD
			621	Mining	180.33	ppm	79	< LOD	< LOD	< LOD	< LOD
Span34	10 U 615253 5829695	1438 m	622	Soil	180.13	ppm	86	9	< LOD	13	< LOD
			623	Soil	180.35	ppm	78	15	12	< LOD	< LOD
			624	Mining	180.46	ppm	70	< LOD	< LOD	< LOD	< LOD
			625	Mining	180.39	ppm	74	< LOD	< LOD	< LOD	< LOD
Span35	10 U 615243 5829679	1438 m	626	Soil	180.15	ppm	62	11	< LOD	25	< LOD
			627	Soil	180.37	ppm	55	12	< LOD	12	< LOD
			628	Mining	181.05	ppm	40	< LOD	< LOD	< LOD	< LOD
			629	Mining	181.43	ppm	51	< LOD	< LOD	< LOD	< LOD
Span36	10 U 615234 5829661	1437 m	634	Soil	180.24	ppm	79	12	< LOD	18	< LOD
			635	Soil	180.1	ppm	88	14	< LOD	23	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Zn	Pb	Cd	Sn	W
			636	Mining	180.23	ppm	84	< LOD	< LOD	< LOD	< LOD
			637	Mining	180.39	ppm	74	< LOD	< LOD	< LOD	< LOD
Span37	10 U 615226 5829641	1438 m	638	Soil	180.09	ppm	82	11	< LOD	25	< LOD
			639	Soil	180.26	ppm	73	13	< LOD	29	< LOD
			640	Mining	181.03	ppm	75	< LOD	< LOD	< LOD	< LOD
			641	Mining	181.46	ppm	71	< LOD	< LOD	< LOD	< LOD
Span38	10 U 615209 5829630	1436 m	642	Soil	180.14	ppm	89	15	< LOD	16	< LOD
			643	Soil	180.11	ppm	84	15	< LOD	31	< LOD
			644	Mining	181.06	ppm	68	< LOD	< LOD	< LOD	< LOD
			645	Mining	181.02	ppm	77	< LOD	< LOD	< LOD	< LOD
Span39	10 U 615194 5829616	1436 m	646	Soil	180.07	ppm	83	18	< LOD	25	< LOD
			647	Soil	180.02	ppm	86	21	< LOD	27	< LOD
			648	Mining	181.39	ppm	79	< LOD	< LOD	< LOD	< LOD
			649	Mining	181.04	ppm	71	< LOD	< LOD	< LOD	< LOD
Span40	10 U 615179 5829605	1434 m	650	Soil	180.24	ppm	76	13	< LOD	15	< LOD
			651	Soil	180	ppm	77	12	< LOD	19	< LOD
			652	Mining	180.98	ppm	81	< LOD	< LOD	< LOD	< LOD
			653	Mining	181.78	ppm	72	< LOD	< LOD	< LOD	< LOD
Span41	10 U 615159 5829595	1436 m	656	Soil	180.17	ppm	67	7	< LOD	23	< LOD
			657	Soil	180.32	ppm	71	11	< LOD	23	< LOD
			658	Mining	180.41	ppm	67	< LOD	< LOD	< LOD	< LOD
			659	Mining	180.54	ppm	69	< LOD	< LOD	< LOD	< LOD
Span42	10 U 615145 5829582	1434 m	660	Soil	180.19	ppm	74	15	< LOD	15	< LOD
			661	Soil	180.12	ppm	80	12	< LOD	< LOD	< LOD
			662	Mining	181.1	ppm	70	< LOD	< LOD	< LOD	< LOD
			663	Mining	181.2	ppm	67	< LOD	< LOD	< LOD	< LOD
Span43	10 U 615131 5829569	1434 m	664	Soil	180.08	ppm	77	10	< LOD	17	< LOD
			665	Soil	180.02	ppm	82	11	< LOD	< LOD	< LOD
			666	Mining	180.78	ppm	75	< LOD	< LOD	< LOD	< LOD
			667	Mining	180.91	ppm	71	< LOD	< LOD	< LOD	< LOD
Span44	10 U 615118 5829555	1434 m	668	Soil	180.29	ppm	82	14	< LOD	20	< LOD
			669	Soil	180.15	ppm	79	21	12	21	< LOD
			670	Mining	181.63	ppm	73	< LOD	< LOD	< LOD	< LOD
			671	Mining	180.24	ppm	71	< LOD	< LOD	< LOD	< LOD
Span45	10 U 615103 5829542	1432 m	672	Soil	180.19	ppm	76	9	< LOD	23	< LOD
			673	Soil	180.16	ppm	82	10	< LOD	23	< LOD
			674	Mining	180.22	ppm	69	< LOD	< LOD	< LOD	< LOD
			675	Mining	181.28	ppm	80	< LOD	< LOD	< LOD	< LOD
Span46	10 U 615090 5829528	1433 m	680	Soil	180.2	ppm	81	12	< LOD	< LOD	< LOD
			681	Soil	180.21	ppm	86	13	< LOD	< LOD	< LOD
			682	Mining	181.58	ppm	75	< LOD	< LOD	< LOD	< LOD
			683	Mining	181.52	ppm	73	< LOD	< LOD	< LOD	< LOD
Span47	10 U 615082 5829510	1433 m	684	Soil	180.11	ppm	76	10	< LOD	18	< LOD
			685	Soil	180.16	ppm	79	11	< LOD	18	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Zn	Pb	Cd	Sn	W
			686	Mining	181.12	ppm	75	< LOD	< LOD	< LOD	< LOD
			687	Mining	181.36	ppm	72	< LOD	< LOD	< LOD	< LOD
Span48	10 U 615081 5829493	1432 m	688	Soil	180.37	ppm	71	< LOD	< LOD	15	< LOD
			689	Soil	180.35	ppm	71	< LOD	< LOD	< LOD	< LOD
			690	Mining	181.29	ppm	59	< LOD	< LOD	< LOD	< LOD
			691	Mining	181.58	ppm	62	< LOD	< LOD	< LOD	< LOD
Span49	10 U 615079 5829471	1433 m	692	Soil	180.23	ppm	84	8	< LOD	23	< LOD
			693	Soil	180.21	ppm	82	9	< LOD	20	< LOD
			694	Mining	180.24	ppm	83	< LOD	< LOD	< LOD	< LOD
			695	Mining	180.53	ppm	75	< LOD	< LOD	< LOD	< LOD
Span50	10 U 615082 5829452	1430 m	696	Soil	180.19	ppm	87	8	< LOD	20	< LOD
			697	Soil	180.24	ppm	83	11	< LOD	17	< LOD
			698	Mining	181.27	ppm	80	< LOD	< LOD	< LOD	< LOD
			699	Mining	180.4	ppm	76	< LOD	< LOD	< LOD	< LOD
Span52	10 U 615092 5829413	1426 m	702	Soil	180.12	ppm	81	< LOD	< LOD	22	< LOD
			703	Soil	180.32	ppm	80	7	< LOD	< LOD	< LOD
			704	Mining	181.41	ppm	69	< LOD	< LOD	< LOD	< LOD
			705	Mining	181.61	ppm	60	< LOD	< LOD	< LOD	< LOD
Span53	10 U 615097 5829395	1425 m	706	Soil	180.1	ppm	74	< LOD	< LOD	< LOD	< LOD
			707	Soil	180.34	ppm	74	< LOD	< LOD	21	< LOD
			708	Mining	180.54	ppm	63	< LOD	< LOD	< LOD	< LOD
			709	Mining	180.23	ppm	67	< LOD	< LOD	< LOD	< LOD
Span56	10 U 615123 5829341	1422 m	720	Soil	180.39	ppm	85	< LOD	< LOD	16	< LOD
			721	Soil	180.1	ppm	78	< LOD	< LOD	18	< LOD
			722	Mining	181.86	ppm	64	< LOD	< LOD	< LOD	< LOD
			723	Mining	180.93	ppm	71	< LOD	< LOD	< LOD	< LOD
Span57	10 U 615136 5829325	1421 m	724	Soil	180.22	ppm	69	6	< LOD	21	< LOD
			725	Soil	180.3	ppm	62	8	< LOD	16	< LOD
			726	Mining	180.58	ppm	66	< LOD	< LOD	< LOD	< LOD
			727	Mining	180.49	ppm	67	< LOD	< LOD	< LOD	< LOD
Span58	10 U 615145 5829306	1421 m	728	Soil	180.35	ppm	81	< LOD	< LOD	25	< LOD
			729	Soil	180.12	ppm	77	< LOD	< LOD	21	< LOD
			730	Mining	181.73	ppm	69	< LOD	< LOD	< LOD	< LOD
			731	Mining	180.87	ppm	72	< LOD	< LOD	< LOD	< LOD
Span59	10 U 615150 5829288	1419 m	732	Soil	180.28	ppm	60	7	< LOD	18	< LOD
			733	Soil	180.14	ppm	71	5	< LOD	22	< LOD
			734	Mining	180	ppm	54	< LOD	< LOD	< LOD	< LOD
			735	Mining	180.54	ppm	62	< LOD	< LOD	< LOD	< LOD
Span60	10 U 615157 5829268	1417 m	736	Soil	180.37	ppm	65	< LOD	< LOD	< LOD	< LOD
			737	Soil	180.24	ppm	72	< LOD	< LOD	21	< LOD
			738	Mining	180.54	ppm	60	< LOD	< LOD	< LOD	< LOD
			739	Mining	180.51	ppm	62	< LOD	< LOD	< LOD	< LOD
Span61	10 U 615155 5829248	1416 m	744	Soil	180.14	ppm	73	7	< LOD	14	< LOD
			745	Soil	180.17	ppm	73	9	< LOD	16	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Zn	Pb	Cd	Sn	W
			746	Mining	180.8	ppm	59	< LOD	< LOD	< LOD	< LOD
			747	Mining	181.43	ppm	63	< LOD	< LOD	< LOD	< LOD
Span62	10 U 615157 5829230	1417 m	748	Soil	180.24	ppm	86	< LOD	12	26	< LOD
			749	Soil	180	ppm	87	7	< LOD	25	< LOD
			750	Mining	180.19	ppm	76	< LOD	< LOD	< LOD	< LOD
			751	Mining	180.87	ppm	74	< LOD	< LOD	< LOD	< LOD
Span63	10 U 615165 5829212	1414 m	752	Soil	180.15	ppm	73	9	< LOD	31	< LOD
			753	Soil	180.19	ppm	75	6	< LOD	15	< LOD
			754	Mining	181.37	ppm	70	< LOD	< LOD	< LOD	< LOD
			755	Mining	181.13	ppm	64	< LOD	< LOD	< LOD	< LOD
Span64	10 U 615159 5829193	1414 m	756	Soil	180.04	ppm	87	7	< LOD	20	< LOD
			757	Soil	180.35	ppm	79	6	10	29	23
			758	Mining	180.67	ppm	77	< LOD	< LOD	< LOD	< LOD
			759	Mining	180.3	ppm	80	< LOD	< LOD	< LOD	< LOD
Span65	10 U 615161 5829172	1414 m	760	Soil	180.17	ppm	64	8	< LOD	23	< LOD
			761	Soil	180.26	ppm	67	10	< LOD	23	< LOD
			762	Mining	180.28	ppm	54	< LOD	< LOD	< LOD	< LOD
			763	Mining	181.32	ppm	55	< LOD	< LOD	< LOD	< LOD
Span66	10 U 615162 5829151	1413 m	766	Soil	180.04	ppm	82	< LOD	< LOD	14	< LOD
			767	Soil	180.23	ppm	79	8	< LOD	17	< LOD
			768	Mining	180.2	ppm	72	< LOD	< LOD	< LOD	< LOD
			769	Mining	180.6	ppm	73	< LOD	< LOD	< LOD	< LOD
Span68	10 U 615163 5829112	1414 m	770	Soil	180.32	ppm	78	7	< LOD	23	< LOD
			771	Soil	180.22	ppm	78	< LOD	< LOD	30	< LOD
			772	Mining	181.67	ppm	63	< LOD	< LOD	< LOD	< LOD
			773	Mining	180.32	ppm	67	< LOD	< LOD	< LOD	< LOD
Span69	10 U 615160 5829093	1414 m	774	Soil	180.38	ppm	73	8	< LOD	13	< LOD
			775	Soil	180.05	ppm	78	8	< LOD	25	< LOD
			776	Mining	180.36	ppm	70	< LOD	< LOD	< LOD	< LOD
			777	Mining	180.62	ppm	65	< LOD	< LOD	< LOD	< LOD
Span70	10 U 615164 5829073	1411 m	778	Soil	180.25	ppm	82	8	< LOD	13	< LOD
			779	Soil	180.18	ppm	79	7	< LOD	18	< LOD
			780	Mining	180.34	ppm	76	< LOD	< LOD	< LOD	< LOD
			781	Mining	181.59	ppm	66	< LOD	< LOD	< LOD	< LOD
Span72	10 U 615166 5829033	1410 m	784	Soil	180.18	ppm	68	< LOD	< LOD	15	< LOD
			785	Soil	180.06	ppm	65	9	< LOD	21	< LOD
			786	Mining	181.82	ppm	58	< LOD	< LOD	< LOD	< LOD
			787	Mining	181.32	ppm	61	< LOD	< LOD	< LOD	< LOD
Span73	10 U 615161 5829010	1410 m	788	Soil	180.02	ppm	69	10	< LOD	12	< LOD
			789	Soil	180.34	ppm	69	6	< LOD	< LOD	< LOD
			790	Mining	180.63	ppm	58	< LOD	< LOD	< LOD	< LOD
			791	Mining	180.28	ppm	62	< LOD	< LOD	< LOD	< LOD
Span74	10 U 615153 5828990	1411 m	792	Soil	180.24	ppm	69	< LOD	< LOD	19	< LOD
			793	Soil	180.29	ppm	71	7	< LOD	18	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Zn	Pb	Cd	Sn	W
			794	Mining	181.53	ppm	58	< LOD	< LOD	< LOD	< LOD
			795	Mining	180.11	ppm	63	< LOD	< LOD	< LOD	< LOD
Span75	10 U 615155 5828972	1410 m	800	Soil	180.07	ppm	77	6	< LOD	23	< LOD
			801	Soil	180.16	ppm	78	8	< LOD	18	< LOD
			802	Mining	180.38	ppm	63	< LOD	< LOD	< LOD	< LOD
			803	Mining	180.88	ppm	67	< LOD	< LOD	< LOD	< LOD
Span76	10 U 615156 5828951	1410 m	804	Soil	180.21	ppm	76	19	< LOD	19	< LOD
			805	Soil	180.37	ppm	72	16	< LOD	20	< LOD
			806	Mining	181.19	ppm	73	< LOD	< LOD	< LOD	< LOD
			807	Mining	180.73	ppm	68	< LOD	< LOD	< LOD	< LOD
Span77	10 U 615159 5828932	1410 m	808	Soil	180.15	ppm	69	8	< LOD	16	22
			809	Soil	180.28	ppm	69	9	11	22	< LOD
			810	Mining	181.14	ppm	55	< LOD	< LOD	< LOD	< LOD
			811	Mining	180.59	ppm	67	< LOD	< LOD	< LOD	< LOD
Span78	10 U 615162 5828911	1411 m	812	Soil	180.37	ppm	63	8	< LOD	24	< LOD
			813	Soil	180.02	ppm	62	8	< LOD	32	< LOD
			814	Mining	180.89	ppm	59	< LOD	< LOD	< LOD	< LOD
			815	Mining	180.66	ppm	59	< LOD	< LOD	< LOD	< LOD
Span79	10 U 615161 5828891	1409 m	816	Soil	180.14	ppm	75	14	< LOD	19	< LOD
			817	Soil	180.28	ppm	75	11	< LOD	22	< LOD
			818	Mining	181.5	ppm	73	< LOD	< LOD	< LOD	< LOD
			819	Mining	181.27	ppm	66	< LOD	< LOD	< LOD	< LOD
Span80	10 U 615160 5829071	1410 m	820	Soil	180.18	ppm	67	9	10	22	< LOD
			821	Soil	180.39	ppm	73	8	< LOD	22	< LOD
			822	Mining	180.06	ppm	64	< LOD	< LOD	< LOD	< LOD
			823	Mining	180.78	ppm	56	< LOD	< LOD	< LOD	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Mo	Ni	Co	V	Cr
Span01	10 U 614947 5829929	1446 m	473	Soil	180.16	ppm	5	66	275	156	63
			474	Soil	180.31	ppm	< LOD	65	235	164	59
			475	Soil	180.14	ppm	< LOD	92	188	162	52
			476	Mining	181.66	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			477	Mining	180.52	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span02	10 U 614966 5829926	1446 m	478	Soil	180.01	ppm	4	84	138	158	45
			479	Soil	180.37	ppm	5	80	227	178	54
			480	Mining	181.39	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			481	Mining	180.54	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span03	10 U 614985 5829921	1444 m	482	Soil	180.35	ppm	< LOD	81	158	183	36
			483	Soil	180.01	ppm	< LOD	85	136	168	29
			484	Mining	181.83	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			485	Mining	180.69	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span04	10 U 615003 5829916	1441 m	486	Soil	180.29	ppm	< LOD	88	170	164	28
			487	Soil	180.13	ppm	< LOD	83	198	179	46
			488	Mining	180.11	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			489	Mining	181.59	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span05	10 U 615027 5829912	1443 m	490	Soil	180.05	ppm	< LOD	87	246	183	50
			491	Soil	180.22	ppm	< LOD	85	226	179	51
			492	Mining	181.3	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			493	Mining	180.72	ppm	4	< LOD	< LOD	< LOD	< LOD
Span06	10 U 615044 5829908	1442 m	496	Soil	180.37	ppm	6	136	< LOD	234	98
			497	Soil	180.24	ppm	8	154	< LOD	250	111
			498	Mining	181.78	ppm	7	70	< LOD	< LOD	382
			499	Mining	180.55	ppm	6	79	< LOD	< LOD	368
Span08	10 U 615081 5829912	1437 m	504	Soil	180.02	ppm	9	82	< LOD	311	< LOD
			505	Soil	180.36	ppm	8	84	< LOD	339	< LOD
			506	Mining	181.74	ppm	5	< LOD	< LOD	< LOD	< LOD
			507	Mining	181.63	ppm	8	< LOD	< LOD	< LOD	< LOD
Span09	10 U 615100 5829915	1433 m	508	Soil	180.36	ppm	< LOD	90	< LOD	220	27
			509	Soil	180.12	ppm	< LOD	94	< LOD	215	< LOD
			510	Mining	180.26	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			511	Mining	182.34	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span12	10 U 615161 5829914	1427 m	524	Soil	180	ppm	4	81	196	251	55
			525	Soil	180.08	ppm	4	92	188	254	67
			526	Mining	180.15	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			527	Mining	181.12	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span13	10 U 615178 5829920	1426 m	528	Soil	180.22	ppm	< LOD	92	259	238	104
			529	Soil	180.06	ppm	< LOD	100	262	256	97
			530	Mining	181.8	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			531	Mining	181.17	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span14	10 U 615200 5829923	1427 m	532	Soil	180.34	ppm	< LOD	79	217	176	75
			533	Soil	180.08	ppm	4	83	< LOD	188	77

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Mo	Ni	Co	V	Cr
			534	Mining	180.43	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			535	Mining	181	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span15	10 U 615216 5829935	1427 m	536	Soil	180.21	ppm	< LOD	108	< LOD	212	115
			537	Soil	180.39	ppm	< LOD	105	< LOD	195	117
			538	Mining	181.36	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			539	Mining	180.09	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span16	10 U 615229 5829938	1432 m	542	Soil	180.22	ppm	< LOD	94	227	282	297
			543	Soil	180.39	ppm	< LOD	121	< LOD	289	297
			544	Mining	180.58	ppm	< LOD	< LOD	< LOD	< LOD	525
			545	Mining	180.69	ppm	< LOD	< LOD	< LOD	< LOD	528
Span17	10 U 615257 5829934	1429 m	546	Soil	180.01	ppm	< LOD	88	221	162	98
			547	Soil	180.37	ppm	< LOD	87	209	172	96
			548	Mining	181.02	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			549	Mining	181.34	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span18	10 U 615276 5829935	1428 m	550	Soil	180.39	ppm	< LOD	105	< LOD	141	38
			551	Soil	180.33	ppm	< LOD	96	< LOD	135	41
			552	Mining	180.97	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			553	Mining	181.02	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span19	10 U 615297 5829930	1428 m	554	Soil	180.32	ppm	< LOD	94	< LOD	154	38
			555	Soil	180.41	ppm	< LOD	106	< LOD	136	48
			556	Mining	180.23	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			557	Mining	181.11	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span20	10 U 615316 5829930	1428 m	558	Soil	180.22	ppm	< LOD	234	161	175	896
			559	Soil	180.29	ppm	4	239	< LOD	160	885
			560	Mining	180.99	ppm	< LOD	230	< LOD	< LOD	1085
			561	Mining	181.83	ppm	< LOD	222	< LOD	< LOD	1106
Span21	10 U 615338 5829924	1426 m	566	Soil	180.34	ppm	< LOD	111	240	136	42
			567	Soil	180.17	ppm	< LOD	109	130	135	48
			568	Mining	181.29	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			569	Mining	180.25	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span22	10 U 615355 5829907	1426 m	570	Soil	180.13	ppm	< LOD	99	204	145	40
			571	Soil	180.14	ppm	< LOD	95	140	149	54
			572	Mining	181.13	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			573	Mining	181.06	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span23	10 U 615359 5829887	1426 m	574	Soil	180.07	ppm	< LOD	52	193	100	31
			575	Soil	180.01	ppm	< LOD	71	139	121	48
			576	Mining	181.45	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			577	Mining	181.06	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span24	10 U 615352 5829868	1428 m	578	Soil	180.25	ppm	< LOD	90	131	130	46
			579	Soil	180.12	ppm	< LOD	89	< LOD	109	40
			580	Mining	181.81	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			581	Mining	180.16	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span25	10 U 615345 5829845	1430 m	582	Soil	180.17	ppm	< LOD	92	123	128	86
			583	Soil	180.18	ppm	< LOD	94	122	127	79

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Mo	Ni	Co	V	Cr
			584	Mining	181.79	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			585	Mining	180.71	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span26	10 U 615335 5829830	1441 m	588	Soil	180.34	ppm	< LOD	97	< LOD	143	49
			589	Soil	180.31	ppm	< LOD	91	< LOD	118	45
			590	Mining	180.34	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			591	Mining	180.14	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span27	10 U 615323 5829814	1437 m	592	Soil	180.1	ppm	< LOD	91	149	144	66
			593	Soil	180.39	ppm	< LOD	91	< LOD	139	68
			594	Mining	181.72	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			595	Mining	181.62	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span28	10 U 615307 5829797	1438 m	596	Soil	180.01	ppm	< LOD	89	143	133	74
			597	Soil	180.34	ppm	< LOD	85	< LOD	128	55
			598	Mining	180.12	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			599	Mining	180.97	ppm	< LOD	< LOD	< LOD	< LOD	245
Span29	10 U 615296 5829784	1437 m	600	Soil	180.18	ppm	< LOD	86	< LOD	141	73
			601	Soil	180.15	ppm	< LOD	79	< LOD	130	85
			602	Mining	180.79	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			603	Mining	181.04	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span30	10 U 615294 5829761	1439 m	604	Soil	180.02	ppm	< LOD	96	144	128	63
			605	Soil	180.37	ppm	< LOD	97	< LOD	150	70
			606	Mining	180.94	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			607	Mining	180.9	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span31	10 U 615277 5829749	1437 m	610	Soil	180.12	ppm	< LOD	73	< LOD	126	60
			611	Soil	180.38	ppm	< LOD	84	< LOD	143	52
			612	Mining	181.16	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			613	Mining	181.19	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span32	10 U 615270 5829730	1437 m	614	Soil	180.22	ppm	< LOD	38	< LOD	131	54
			615	Soil	180.21	ppm	< LOD	30	< LOD	112	56
			616	Mining	180.6	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			617	Mining	180.47	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span33	10 U 615260 5829713	1438 m	618	Soil	180.2	ppm	< LOD	76	< LOD	116	43
			619	Soil	180.25	ppm	< LOD	74	< LOD	123	46
			620	Mining	180.28	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			621	Mining	180.33	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span34	10 U 615253 5829695	1438 m	622	Soil	180.13	ppm	< LOD	69	< LOD	117	45
			623	Soil	180.35	ppm	< LOD	67	151	117	37
			624	Mining	180.46	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			625	Mining	180.39	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span35	10 U 615243 5829679	1438 m	626	Soil	180.15	ppm	< LOD	69	< LOD	112	21
			627	Soil	180.37	ppm	< LOD	81	< LOD	92	17
			628	Mining	181.05	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			629	Mining	181.43	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span36	10 U 615234 5829661	1437 m	634	Soil	180.24	ppm	< LOD	67	210	98	47
			635	Soil	180.1	ppm	3	69	150	108	44

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Mo	Ni	Co	V	Cr
			636	Mining	180.23	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			637	Mining	180.39	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span37	10 U 615226 5829641	1438 m	638	Soil	180.09	ppm	< LOD	78	165	99	45
			639	Soil	180.26	ppm	< LOD	98	199	112	55
			640	Mining	181.03	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			641	Mining	181.46	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span38	10 U 615209 5829630	1436 m	642	Soil	180.14	ppm	< LOD	96	144	112	48
			643	Soil	180.11	ppm	< LOD	85	128	107	45
			644	Mining	181.06	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			645	Mining	181.02	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span39	10 U 615194 5829616	1436 m	646	Soil	180.07	ppm	< LOD	84	165	107	53
			647	Soil	180.02	ppm	< LOD	92	184	111	62
			648	Mining	181.39	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			649	Mining	181.04	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span40	10 U 615179 5829605	1434 m	650	Soil	180.24	ppm	< LOD	76	< LOD	116	70
			651	Soil	180	ppm	< LOD	77	< LOD	106	75
			652	Mining	180.98	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			653	Mining	181.78	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span41	10 U 615159 5829595	1436 m	656	Soil	180.17	ppm	< LOD	78	115	105	41
			657	Soil	180.32	ppm	< LOD	67	217	98	48
			658	Mining	180.41	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			659	Mining	180.54	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span42	10 U 615145 5829582	1434 m	660	Soil	180.19	ppm	< LOD	75	< LOD	120	60
			661	Soil	180.12	ppm	< LOD	89	< LOD	112	62
			662	Mining	181.1	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			663	Mining	181.2	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span43	10 U 615131 5829569	1434 m	664	Soil	180.08	ppm	< LOD	77	146	131	67
			665	Soil	180.02	ppm	< LOD	83	136	123	65
			666	Mining	180.78	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			667	Mining	180.91	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span44	10 U 615118 5829555	1434 m	668	Soil	180.29	ppm	< LOD	95	120	115	68
			669	Soil	180.15	ppm	< LOD	112	112	113	77
			670	Mining	181.63	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			671	Mining	180.24	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span45	10 U 615103 5829542	1432 m	672	Soil	180.19	ppm	< LOD	105	< LOD	127	112
			673	Soil	180.16	ppm	< LOD	96	155	105	131
			674	Mining	180.22	ppm	< LOD	< LOD	< LOD	< LOD	248
			675	Mining	181.28	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span46	10 U 615090 5829528	1433 m	680	Soil	180.2	ppm	< LOD	96	162	121	145
			681	Soil	180.21	ppm	< LOD	91	121	116	128
			682	Mining	181.58	ppm	< LOD	< LOD	< LOD	< LOD	252
			683	Mining	181.52	ppm	< LOD	< LOD	< LOD	< LOD	285
Span47	10 U 615082 5829510	1433 m	684	Soil	180.11	ppm	< LOD	108	156	117	173
			685	Soil	180.16	ppm	< LOD	114	139	107	182

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Mo	Ni	Co	V	Cr
			686	Mining	181.12	ppm	< LOD	< LOD	< LOD	< LOD	325
			687	Mining	181.36	ppm	< LOD	< LOD	< LOD	< LOD	301
Span48	10 U 615081 5829493	1432 m	688	Soil	180.37	ppm	< LOD	75	265	206	32
			689	Soil	180.35	ppm	< LOD	60	246	212	20
			690	Mining	181.29	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			691	Mining	181.58	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span49	10 U 615079 5829471	1433 m	692	Soil	180.23	ppm	< LOD	107	133	148	206
			693	Soil	180.21	ppm	< LOD	115	150	153	219
			694	Mining	180.24	ppm	< LOD	< LOD	< LOD	< LOD	376
			695	Mining	180.53	ppm	< LOD	< LOD	< LOD	< LOD	356
Span50	10 U 615082 5829452	1430 m	696	Soil	180.19	ppm	< LOD	106	154	129	108
			697	Soil	180.24	ppm	< LOD	95	< LOD	125	113
			698	Mining	181.27	ppm	< LOD	< LOD	< LOD	< LOD	257
			699	Mining	180.4	ppm	< LOD	< LOD	< LOD	< LOD	273
Span52	10 U 615092 5829413	1426 m	702	Soil	180.12	ppm	< LOD	103	< LOD	162	77
			703	Soil	180.32	ppm	< LOD	88	< LOD	159	82
			704	Mining	181.41	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			705	Mining	181.61	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span53	10 U 615097 5829395	1425 m	706	Soil	180.1	ppm	< LOD	93	< LOD	173	99
			707	Soil	180.34	ppm	< LOD	93	141	133	90
			708	Mining	180.54	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			709	Mining	180.23	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span56	10 U 615123 5829341	1422 m	720	Soil	180.39	ppm	< LOD	96	< LOD	187	119
			721	Soil	180.1	ppm	< LOD	110	< LOD	200	137
			722	Mining	181.86	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			723	Mining	180.93	ppm	< LOD	< LOD	< LOD	< LOD	299
Span57	10 U 615136 5829325	1421 m	724	Soil	180.22	ppm	< LOD	73	114	128	48
			725	Soil	180.3	ppm	< LOD	79	< LOD	112	51
			726	Mining	180.58	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			727	Mining	180.49	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span58	10 U 615145 5829306	1421 m	728	Soil	180.35	ppm	< LOD	92	< LOD	182	75
			729	Soil	180.12	ppm	< LOD	97	< LOD	164	88
			730	Mining	181.73	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			731	Mining	180.87	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span59	10 U 615150 5829288	1419 m	732	Soil	180.28	ppm	< LOD	82	< LOD	131	56
			733	Soil	180.14	ppm	< LOD	98	< LOD	129	38
			734	Mining	180	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			735	Mining	180.54	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span60	10 U 615157 5829268	1417 m	736	Soil	180.37	ppm	< LOD	83	< LOD	145	108
			737	Soil	180.24	ppm	< LOD	82	< LOD	134	111
			738	Mining	180.54	ppm	< LOD	< LOD	< LOD	< LOD	257
			739	Mining	180.51	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span61	10 U 615155 5829248	1416 m	744	Soil	180.14	ppm	< LOD	73	155	112	74
			745	Soil	180.17	ppm	< LOD	83	177	109	65

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Mo	Ni	Co	V	Cr
			746	Mining	180.8	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			747	Mining	181.43	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span62	10 U 615157 5829230	1417 m	748	Soil	180.24	ppm	< LOD	64	171	136	45
			749	Soil	180	ppm	< LOD	91	271	130	55
			750	Mining	180.19	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			751	Mining	180.87	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span63	10 U 615165 5829212	1414 m	752	Soil	180.15	ppm	< LOD	78	250	102	44
			753	Soil	180.19	ppm	< LOD	79	210	105	63
			754	Mining	181.37	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			755	Mining	181.13	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span64	10 U 615159 5829193	1414 m	756	Soil	180.04	ppm	< LOD	83	< LOD	143	93
			757	Soil	180.35	ppm	< LOD	69	275	159	87
			758	Mining	180.67	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			759	Mining	180.3	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span65	10 U 615161 5829172	1414 m	760	Soil	180.17	ppm	< LOD	76	< LOD	107	48
			761	Soil	180.26	ppm	< LOD	82	145	124	47
			762	Mining	180.28	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			763	Mining	181.32	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span66	10 U 615162 5829151	1413 m	766	Soil	180.04	ppm	< LOD	73	208	127	72
			767	Soil	180.23	ppm	< LOD	85	146	129	83
			768	Mining	180.2	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			769	Mining	180.6	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span68	10 U 615163 5829112	1414 m	770	Soil	180.32	ppm	< LOD	90	138	123	92
			771	Soil	180.22	ppm	< LOD	91	186	129	94
			772	Mining	181.67	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			773	Mining	180.32	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span69	10 U 615160 5829093	1414 m	774	Soil	180.38	ppm	< LOD	88	130	123	90
			775	Soil	180.05	ppm	< LOD	85	187	113	92
			776	Mining	180.36	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			777	Mining	180.62	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span70	10 U 615164 5829073	1411 m	778	Soil	180.25	ppm	< LOD	78	202	126	110
			779	Soil	180.18	ppm	< LOD	69	166	116	93
			780	Mining	180.34	ppm	< LOD	< LOD	< LOD	< LOD	272
			781	Mining	181.59	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span72	10 U 615166 5829033	1410 m	784	Soil	180.18	ppm	< LOD	80	< LOD	111	66
			785	Soil	180.06	ppm	< LOD	98	< LOD	120	74
			786	Mining	181.82	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			787	Mining	181.32	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span73	10 U 615161 5829010	1410 m	788	Soil	180.02	ppm	< LOD	71	201	117	63
			789	Soil	180.34	ppm	< LOD	80	143	100	72
			790	Mining	180.63	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			791	Mining	180.28	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span74	10 U 615153 5828990	1411 m	792	Soil	180.24	ppm	< LOD	99	122	98	50
			793	Soil	180.29	ppm	< LOD	106	< LOD	104	64

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Mo	Ni	Co	V	Cr
			794	Mining	181.53	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			795	Mining	180.11	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span75	10 U 615155 5828972	1410 m	800	Soil	180.07	ppm	< LOD	96	253	117	80
			801	Soil	180.16	ppm	< LOD	85	215	101	66
			802	Mining	180.38	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			803	Mining	180.88	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span76	10 U 615156 5828951	1410 m	804	Soil	180.21	ppm	< LOD	83	225	112	51
			805	Soil	180.37	ppm	< LOD	73	131	131	45
			806	Mining	181.19	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			807	Mining	180.73	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span77	10 U 615159 5828932	1410 m	808	Soil	180.15	ppm	< LOD	80	129	111	161
			809	Soil	180.28	ppm	< LOD	99	140	104	164
			810	Mining	181.14	ppm	< LOD	< LOD	< LOD	< LOD	298
			811	Mining	180.59	ppm	< LOD	< LOD	< LOD	< LOD	293
Span78	10 U 615162 5828911	1411 m	812	Soil	180.37	ppm	< LOD	112	125	111	149
			813	Soil	180.02	ppm	< LOD	107	153	117	144
			814	Mining	180.89	ppm	< LOD	< LOD	< LOD	< LOD	240
			815	Mining	180.66	ppm	< LOD	< LOD	< LOD	< LOD	256
Span79	10 U 615161 5828891	1409 m	816	Soil	180.14	ppm	< LOD	72	126	95	46
			817	Soil	180.28	ppm	< LOD	72	< LOD	97	49
			818	Mining	181.5	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			819	Mining	181.27	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
Span80	10 U 615160 5829071	annually Ente	820	Soil	180.18	ppm	< LOD	99	< LOD	102	56
			821	Soil	180.39	ppm	< LOD	78	132	95	57
			822	Mining	180.06	ppm	< LOD	< LOD	< LOD	< LOD	< LOD
			823	Mining	180.78	ppm	< LOD	< LOD	< LOD	< LOD	< LOD

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	S	Ba	K	Ti	Th
Span01	10 U 614947 5829929	1446 m	473	Soil	180.16	ppm	19784	771	11408	5058	14
			474	Soil	180.31	ppm	19782	730	11169	5076	15
			475	Soil	180.14	ppm	19223	761	11095	5099	15
			476	Mining	181.66	ppm	< LOD	601	10848	3261	15
			477	Mining	180.52	ppm	< LOD	615	11073	3339	11
Span02	10 U 614966 5829926	1446 m	478	Soil	180.01	ppm	16050	917	13428	5115	18
			479	Soil	180.37	ppm	16922	891	13381	5126	16
			480	Mining	181.39	ppm	< LOD	704	13572	3802	< LOD
			481	Mining	180.54	ppm	< LOD	713	13464	3799	12
Span03	10 U 614985 5829921	1444 m	482	Soil	180.35	ppm	19827	891	12708	4980	16
			483	Soil	180.01	ppm	19774	898	12775	4974	18
			484	Mining	181.83	ppm	< LOD	739	12717	3280	15
			485	Mining	180.69	ppm	< LOD	751	12752	3345	16
Span04	10 U 615003 5829916	1441 m	486	Soil	180.29	ppm	20626	923	12343	4711	18
			487	Soil	180.13	ppm	19515	872	12416	4719	18
			488	Mining	180.11	ppm	< LOD	776	12119	3345	20
			489	Mining	181.59	ppm	< LOD	736	12437	3520	15
Span05	10 U 615027 5829912	1443 m	490	Soil	180.05	ppm	21425	763	9857	4689	14
			491	Soil	180.22	ppm	21617	794	9826	4677	12
			492	Mining	181.3	ppm	< LOD	655	10334	3139	< LOD
			493	Mining	180.72	ppm	< LOD	613	10113	3503	< LOD
Span06	10 U 615044 5829908	1442 m	496	Soil	180.37	ppm	22640	875	8232	3381	6
			497	Soil	180.24	ppm	22218	886	8341	3350	6
			498	Mining	181.78	ppm	< LOD	619	7434	< LOD	< LOD
			499	Mining	180.55	ppm	< LOD	607	7430	< LOD	< LOD
Span08	10 U 615081 5829912	1437 m	504	Soil	180.02	ppm	18125	430	4040	8980	7
			505	Soil	180.36	ppm	18442	418	4190	9002	6
			506	Mining	181.74	ppm	< LOD	334	3965	6062	< LOD
			507	Mining	181.63	ppm	< LOD	358	3826	6297	< LOD
Span09	10 U 615100 5829915	1433 m	508	Soil	180.36	ppm	19100	688	9877	5626	10
			509	Soil	180.12	ppm	19232	722	9753	5628	12
			510	Mining	180.26	ppm	< LOD	517	9786	3782	< LOD
			511	Mining	182.34	ppm	< LOD	590	9805	4116	< LOD
Span12	10 U 615161 5829914	1427 m	524	Soil	180	ppm	17315	706	10950	6805	11
			525	Soil	180.08	ppm	16967	655	10996	6856	9
			526	Mining	180.15	ppm	< LOD	546	10376	4702	< LOD
			527	Mining	181.12	ppm	< LOD	529	10374	4770	< LOD
Span13	10 U 615178 5829920	1426 m	528	Soil	180.22	ppm	18889	691	8793	6115	9
			529	Soil	180.06	ppm	18420	698	8860	6131	10
			530	Mining	181.8	ppm	< LOD	561	8613	4238	< LOD
			531	Mining	181.17	ppm	< LOD	530	8828	3986	< LOD
Span14	10 U 615200 5829923	1427 m	532	Soil	180.34	ppm	18205	649	8055	5255	10
			533	Soil	180.08	ppm	17946	655	8092	5255	8

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	S	Ba	K	Ti	Th
			534	Mining	180.43	ppm	< LOD	496	8092	3901	< LOD
			535	Mining	181	ppm	< LOD	512	8238	3837	< LOD
Span15	10 U 615216 5829935	1427 m	536	Soil	180.21	ppm	19645	647	6437	4335	6
			537	Soil	180.39	ppm	20062	607	6432	4405	7
			538	Mining	181.36	ppm	< LOD	463	6630	3091	< LOD
			539	Mining	180.09	ppm	< LOD	517	6785	3240	< LOD
Span16	10 U 615229 5829938	1432 m	542	Soil	180.22	ppm	19175	631	8376	4764	6
			543	Soil	180.39	ppm	18593	671	8510	4816	9
			544	Mining	180.58	ppm	< LOD	499	8088	3165	< LOD
			545	Mining	180.69	ppm	< LOD	520	8080	3242	< LOD
Span17	10 U 615257 5829934	1429 m	546	Soil	180.01	ppm	18794	794	12143	4248	14
			547	Soil	180.37	ppm	19534	799	12268	4245	15
			548	Mining	181.02	ppm	< LOD	626	12095	2715	13
			549	Mining	181.34	ppm	< LOD	608	12194	2978	< LOD
Span18	10 U 615276 5829935	1428 m	550	Soil	180.39	ppm	19834	750	11376	3922	14
			551	Soil	180.33	ppm	19218	766	11517	3872	15
			552	Mining	180.97	ppm	< LOD	566	11537	2622	17
			553	Mining	181.02	ppm	< LOD	603	11583	2862	14
Span19	10 U 615297 5829930	1428 m	554	Soil	180.32	ppm	18957	763	12582	4471	14
			555	Soil	180.41	ppm	19247	762	12532	4597	14
			556	Mining	180.23	ppm	< LOD	619	12231	3245	14
			557	Mining	181.11	ppm	< LOD	580	12485	3004	11
Span20	10 U 615316 5829930	1428 m	558	Soil	180.22	ppm	18550	345	5591	2863	8
			559	Soil	180.29	ppm	19138	360	5774	2843	6
			560	Mining	180.99	ppm	< LOD	347	5670	1909	< LOD
			561	Mining	181.83	ppm	< LOD	325	5883	1885	< LOD
Span21	10 U 615338 5829924	1426 m	566	Soil	180.34	ppm	18426	788	12070	4076	13
			567	Soil	180.17	ppm	17983	798	12145	4006	15
			568	Mining	181.29	ppm	< LOD	620	12737	2990	< LOD
			569	Mining	180.25	ppm	< LOD	618	12436	3189	< LOD
Span22	10 U 615355 5829907	1426 m	570	Soil	180.13	ppm	18964	744	10965	4200	14
			571	Soil	180.14	ppm	19124	828	10955	4288	11
			572	Mining	181.13	ppm	< LOD	593	10984	3145	< LOD
			573	Mining	181.06	ppm	< LOD	571	11276	2946	< LOD
Span23	10 U 615359 5829887	1426 m	574	Soil	180.07	ppm	21258	450	9829	3680	13
			575	Soil	180.01	ppm	21441	410	9778	3631	16
			576	Mining	181.45	ppm	< LOD	432	9609	2400	14
			577	Mining	181.06	ppm	< LOD	412	9600	2318	< LOD
Span24	10 U 615352 5829868	1428 m	578	Soil	180.25	ppm	19339	694	12256	3912	13
			579	Soil	180.12	ppm	19988	649	12364	3896	16
			580	Mining	181.81	ppm	< LOD	525	12389	2772	< LOD
			581	Mining	180.16	ppm	< LOD	535	12541	2711	11
Span25	10 U 615345 5829845	1430 m	582	Soil	180.17	ppm	19554	792	13005	3645	13
			583	Soil	180.18	ppm	19293	777	13037	3686	16

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	S	Ba	K	Ti	Th
			584	Mining	181.79	ppm	< LOD	579	13606	2784	14
			585	Mining	180.71	ppm	< LOD	589	13634	2886	12
Span26	10 U 615335 5829830	1441 m	588	Soil	180.34	ppm	19819	700	13786	4151	15
			589	Soil	180.31	ppm	19969	753	13606	4167	16
			590	Mining	180.34	ppm	< LOD	543	13966	2893	< LOD
			591	Mining	180.14	ppm	< LOD	561	13866	2850	17
Span27	10 U 615323 5829814	1437 m	592	Soil	180.1	ppm	16624	705	14539	4143	16
			593	Soil	180.39	ppm	16707	703	14566	4194	16
			594	Mining	181.72	ppm	< LOD	539	14821	3169	12
			595	Mining	181.62	ppm	< LOD	568	14823	2915	12
Span28	10 U 615307 5829797	1438 m	596	Soil	180.01	ppm	20336	718	15625	3791	15
			597	Soil	180.34	ppm	19712	749	15708	3805	17
			598	Mining	180.12	ppm	< LOD	597	15031	2640	14
			599	Mining	180.97	ppm	< LOD	576	15646	2389	14
Span29	10 U 615296 5829784	1437 m	600	Soil	180.18	ppm	17987	636	18822	4574	16
			601	Soil	180.15	ppm	17905	682	18829	4557	17
			602	Mining	180.79	ppm	< LOD	558	18223	3138	18
			603	Mining	181.04	ppm	< LOD	593	18224	3066	19
Span30	10 U 615294 5829761	1439 m	604	Soil	180.02	ppm	17444	681	15218	4252	17
			605	Soil	180.37	ppm	17306	703	15128	4265	15
			606	Mining	180.94	ppm	< LOD	559	15598	2881	14
			607	Mining	180.9	ppm	< LOD	562	15772	3121	18
Span31	10 U 615277 5829749	1437 m	610	Soil	180.12	ppm	19879	652	13797	4266	16
			611	Soil	180.38	ppm	19966	680	13570	4285	15
			612	Mining	181.16	ppm	< LOD	545	13773	3059	12
			613	Mining	181.19	ppm	< LOD	571	13713	2926	17
Span32	10 U 615270 5829730	1437 m	614	Soil	180.22	ppm	19349	242	11623	3634	16
			615	Soil	180.21	ppm	18809	239	11733	3654	15
			616	Mining	180.6	ppm	< LOD	329	10878	2374	18
			617	Mining	180.47	ppm	< LOD	301	11060	2538	15
Span33	10 U 615260 5829713	1438 m	618	Soil	180.2	ppm	19137	658	16885	3865	18
			619	Soil	180.25	ppm	19049	623	17047	3887	17
			620	Mining	180.28	ppm	< LOD	526	16843	2427	15
			621	Mining	180.33	ppm	< LOD	550	16945	2625	16
Span34	10 U 615253 5829695	1438 m	622	Soil	180.13	ppm	18798	612	14743	3861	17
			623	Soil	180.35	ppm	19341	631	14784	3882	17
			624	Mining	180.46	ppm	< LOD	537	14660	2715	13
			625	Mining	180.39	ppm	< LOD	500	14857	2756	13
Span35	10 U 615243 5829679	1438 m	626	Soil	180.15	ppm	16242	564	13030	4342	13
			627	Soil	180.37	ppm	16400	532	13065	4311	14
			628	Mining	181.05	ppm	< LOD	423	12825	2943	13
			629	Mining	181.43	ppm	< LOD	444	12943	2883	18
Span36	10 U 615234 5829661	1437 m	634	Soil	180.24	ppm	18969	693	15305	4215	17
			635	Soil	180.1	ppm	19400	673	15358	4235	15

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	S	Ba	K	Ti	Th
			636	Mining	180.23	ppm	< LOD	601	15429	3109	< LOD
			637	Mining	180.39	ppm	< LOD	583	15362	3071	15
Span37	10 U 615226 5829641	1438 m	638	Soil	180.09	ppm	19754	801	15251	4177	19
			639	Soil	180.26	ppm	19862	808	15348	4139	17
			640	Mining	181.03	ppm	< LOD	590	14713	2771	14
			641	Mining	181.46	ppm	< LOD	596	14717	2770	12
Span38	10 U 615209 5829630	1436 m	642	Soil	180.14	ppm	19083	747	14911	3664	16
			643	Soil	180.11	ppm	19631	824	14858	3617	18
			644	Mining	181.06	ppm	< LOD	570	15491	2709	16
			645	Mining	181.02	ppm	< LOD	576	15390	2741	17
Span39	10 U 615194 5829616	1436 m	646	Soil	180.07	ppm	21550	748	15273	3814	21
			647	Soil	180.02	ppm	21310	725	15225	3760	18
			648	Mining	181.39	ppm	< LOD	588	14707	2605	19
			649	Mining	181.04	ppm	< LOD	595	15034	2814	23
Span40	10 U 615179 5829605	1434 m	650	Soil	180.24	ppm	20742	638	13902	3770	16
			651	Soil	180	ppm	21625	648	13804	3792	13
			652	Mining	180.98	ppm	< LOD	517	13577	2526	12
			653	Mining	181.78	ppm	< LOD	528	13839	2627	16
Span41	10 U 615159 5829595	1436 m	656	Soil	180.17	ppm	20484	616	12572	3659	14
			657	Soil	180.32	ppm	20637	643	12721	3722	13
			658	Mining	180.41	ppm	< LOD	487	12540	2618	< LOD
			659	Mining	180.54	ppm	< LOD	538	12517	2523	11
Span42	10 U 615145 5829582	1434 m	660	Soil	180.19	ppm	20061	653	15440	3880	17
			661	Soil	180.12	ppm	19752	621	15243	3878	17
			662	Mining	181.1	ppm	< LOD	530	15099	2713	14
			663	Mining	181.2	ppm	< LOD	511	15167	2855	16
Span43	10 U 615131 5829569	1434 m	664	Soil	180.08	ppm	20222	645	15918	4237	15
			665	Soil	180.02	ppm	19926	700	15788	4312	16
			666	Mining	180.78	ppm	< LOD	558	15451	3107	14
			667	Mining	180.91	ppm	< LOD	556	15445	2985	18
Span44	10 U 615118 5829555	1434 m	668	Soil	180.29	ppm	18450	775	15726	3390	17
			669	Soil	180.15	ppm	18486	822	15602	3476	15
			670	Mining	181.63	ppm	< LOD	581	15966	2517	11
			671	Mining	180.24	ppm	< LOD	595	16145	2604	12
Span45	10 U 615103 5829542	1432 m	672	Soil	180.19	ppm	18379	684	16094	4196	16
			673	Soil	180.16	ppm	18808	700	15907	4240	14
			674	Mining	180.22	ppm	< LOD	525	15463	2834	15
			675	Mining	181.28	ppm	< LOD	522	15656	2918	11
Span46	10 U 615090 5829528	1433 m	680	Soil	180.2	ppm	19125	669	16521	3791	14
			681	Soil	180.21	ppm	18806	624	16434	3837	15
			682	Mining	181.58	ppm	< LOD	552	16201	2598	< LOD
			683	Mining	181.52	ppm	< LOD	589	16128	2446	13
Span47	10 U 615082 5829510	1433 m	684	Soil	180.11	ppm	18930	679	13319	3341	15
			685	Soil	180.16	ppm	19075	696	13343	3364	13

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	S	Ba	K	Ti	Th
			686	Mining	181.12	ppm	< LOD	541	13726	2317	11
			687	Mining	181.36	ppm	< LOD	544	14002	2320	14
Span48	10 U 615081 5829493	1432 m	688	Soil	180.37	ppm	20530	553	9280	5824	8
			689	Soil	180.35	ppm	21315	498	9271	5830	10
			690	Mining	181.29	ppm	< LOD	421	9310	4006	< LOD
			691	Mining	181.58	ppm	< LOD	375	9103	4112	< LOD
Span49	10 U 615079 5829471	1433 m	692	Soil	180.23	ppm	18496	596	12742	3512	14
			693	Soil	180.21	ppm	17849	601	12659	3500	12
			694	Mining	180.24	ppm	< LOD	450	12746	2197	12
			695	Mining	180.53	ppm	< LOD	511	12594	2448	13
Span50	10 U 615082 5829452	1430 m	696	Soil	180.19	ppm	20098	740	14692	3564	17
			697	Soil	180.24	ppm	19863	713	14775	3573	16
			698	Mining	181.27	ppm	< LOD	567	14271	2398	13
			699	Mining	180.4	ppm	< LOD	576	14883	2437	17
Span52	10 U 615092 5829413	1426 m	702	Soil	180.12	ppm	20562	605	11660	5282	12
			703	Soil	180.32	ppm	19884	605	11801	5335	11
			704	Mining	181.41	ppm	< LOD	477	10592	3271	< LOD
			705	Mining	181.61	ppm	< LOD	481	10639	3445	< LOD
Span53	10 U 615097 5829395	1425 m	706	Soil	180.1	ppm	18614	559	11505	3982	13
			707	Soil	180.34	ppm	18261	567	11454	4041	16
			708	Mining	180.54	ppm	< LOD	476	11580	2790	15
			709	Mining	180.23	ppm	< LOD	446	11981	2832	11
Span56	10 U 615123 5829341	1422 m	720	Soil	180.39	ppm	18578	500	6315	3870	7
			721	Soil	180.1	ppm	17980	490	6436	3941	8
			722	Mining	181.86	ppm	< LOD	424	6350	2898	< LOD
			723	Mining	180.93	ppm	< LOD	386	6337	2775	< LOD
Span57	10 U 615136 5829325	1421 m	724	Soil	180.22	ppm	19654	659	11849	3847	12
			725	Soil	180.3	ppm	20358	633	11880	3896	12
			726	Mining	180.58	ppm	< LOD	502	12035	2735	12
			727	Mining	180.49	ppm	< LOD	508	12078	2651	13
Span58	10 U 615145 5829306	1421 m	728	Soil	180.35	ppm	17215	649	9668	4229	11
			729	Soil	180.12	ppm	17445	641	9469	4200	9
			730	Mining	181.73	ppm	< LOD	485	9750	3256	< LOD
			731	Mining	180.87	ppm	< LOD	461	9646	2987	14
Span59	10 U 615150 5829288	1419 m	732	Soil	180.28	ppm	17769	665	11429	4185	13
			733	Soil	180.14	ppm	18230	619	11357	4245	14
			734	Mining	180	ppm	< LOD	551	11803	3078	13
			735	Mining	180.54	ppm	< LOD	530	11556	3174	< LOD
Span60	10 U 615157 5829268	1417 m	736	Soil	180.37	ppm	21610	542	10110	3637	12
			737	Soil	180.24	ppm	21657	603	10130	3645	14
			738	Mining	180.54	ppm	< LOD	490	10174	2363	15
			739	Mining	180.51	ppm	< LOD	466	9900	2571	14
Span61	10 U 615155 5829248	1416 m	744	Soil	180.14	ppm	20675	603	12060	3606	14
			745	Soil	180.17	ppm	21467	600	12088	3659	14

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	S	Ba	K	Ti	Th
			746	Mining	180.8	ppm	< LOD	496	11326	2562	16
			747	Mining	181.43	ppm	< LOD	524	11352	2449	14
Span62	10 U 615157 5829230	1417 m	748	Soil	180.24	ppm	20045	703	12589	4096	16
			749	Soil	180	ppm	19693	728	12446	4116	12
			750	Mining	180.19	ppm	< LOD	504	12547	2902	< LOD
			751	Mining	180.87	ppm	< LOD	520	12575	2892	16
Span63	10 U 615165 5829212	1414 m	752	Soil	180.15	ppm	20939	724	12365	3403	16
			753	Soil	180.19	ppm	20553	679	12325	3420	14
			754	Mining	181.37	ppm	< LOD	561	12498	2515	14
			755	Mining	181.13	ppm	< LOD	576	12445	2464	11
Span64	10 U 615159 5829193	1414 m	756	Soil	180.04	ppm	20473	664	13050	3701	15
			757	Soil	180.35	ppm	20999	690	13226	3776	14
			758	Mining	180.67	ppm	< LOD	532	12802	2536	12
			759	Mining	180.3	ppm	< LOD	528	12903	2576	< LOD
Span65	10 U 615161 5829172	1414 m	760	Soil	180.17	ppm	24227	578	10860	4057	13
			761	Soil	180.26	ppm	24058	589	11109	4000	14
			762	Mining	180.28	ppm	< LOD	457	10430	2924	11
			763	Mining	181.32	ppm	< LOD	435	10506	2651	< LOD
Span66	10 U 615162 5829151	1413 m	766	Soil	180.04	ppm	22564	590	13007	3924	14
			767	Soil	180.23	ppm	21595	617	13030	3955	13
			768	Mining	180.2	ppm	< LOD	475	12322	2618	< LOD
			769	Mining	180.6	ppm	< LOD	458	12156	2607	14
Span68	10 U 615163 5829112	1414 m	770	Soil	180.32	ppm	19932	746	12474	3660	13
			771	Soil	180.22	ppm	20112	731	12618	3669	14
			772	Mining	181.67	ppm	< LOD	599	12913	2656	< LOD
			773	Mining	180.32	ppm	< LOD	597	12521	2561	11
Span69	10 U 615160 5829093	1414 m	774	Soil	180.38	ppm	19037	672	13697	3820	14
			775	Soil	180.05	ppm	19651	655	13515	3797	14
			776	Mining	180.36	ppm	< LOD	519	13559	2945	15
			777	Mining	180.62	ppm	< LOD	522	13822	2796	13
Span70	10 U 615164 5829073	1411 m	778	Soil	180.25	ppm	21194	577	12610	3903	13
			779	Soil	180.18	ppm	21111	627	12535	3941	14
			780	Mining	180.34	ppm	< LOD	492	12456	2585	12
			781	Mining	181.59	ppm	< LOD	512	12222	2790	16
Span72	10 U 615166 5829033	1410 m	784	Soil	180.18	ppm	23094	640	13540	4149	15
			785	Soil	180.06	ppm	23217	631	13460	4156	14
			786	Mining	181.82	ppm	< LOD	506	12622	2900	11
			787	Mining	181.32	ppm	< LOD	518	12719	2830	< LOD
Span73	10 U 615161 5829010	1410 m	788	Soil	180.02	ppm	22234	584	10562	3826	15
			789	Soil	180.34	ppm	22778	541	10667	3889	14
			790	Mining	180.63	ppm	< LOD	524	10403	2576	16
			791	Mining	180.28	ppm	< LOD	471	9948	2488	13
Span74	10 U 615153 5828990	1411 m	792	Soil	180.24	ppm	23079	589	8937	3819	14
			793	Soil	180.29	ppm	23682	592	9104	3784	14

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	S	Ba	K	Ti	Th
			794	Mining	181.53	ppm	< LOD	456	8469	2671	12
			795	Mining	180.11	ppm	< LOD	467	8352	2565	16
Span75	10 U 615155 5828972	1410 m	800	Soil	180.07	ppm	21315	721	12721	3800	18
			801	Soil	180.16	ppm	21051	707	12465	3799	16
			802	Mining	180.38	ppm	< LOD	557	12684	2646	11
			803	Mining	180.88	ppm	< LOD	558	12786	2944	18
Span76	10 U 615156 5828951	1410 m	804	Soil	180.21	ppm	19553	593	9981	3997	14
			805	Soil	180.37	ppm	19644	602	9873	4010	17
			806	Mining	181.19	ppm	< LOD	513	9942	2880	14
			807	Mining	180.73	ppm	< LOD	539	9881	2783	14
Span77	10 U 615159 5828932	1410 m	808	Soil	180.15	ppm	18270	698	16259	3614	16
			809	Soil	180.28	ppm	19054	686	16229	3600	16
			810	Mining	181.14	ppm	< LOD	546	16044	2439	13
			811	Mining	180.59	ppm	< LOD	567	16214	2372	13
Span78	10 U 615162 5828911	1411 m	812	Soil	180.37	ppm	20482	710	12960	3673	13
			813	Soil	180.02	ppm	20910	703	13002	3654	15
			814	Mining	180.89	ppm	< LOD	534	12650	2490	12
			815	Mining	180.66	ppm	< LOD	506	12656	2479	< LOD
Span79	10 U 615161 5828891	1409 m	816	Soil	180.14	ppm	23759	784	16420	3587	17
			817	Soil	180.28	ppm	22669	811	16340	3560	17
			818	Mining	181.5	ppm	< LOD	632	16575	2529	17
			819	Mining	181.27	ppm	< LOD	627	16505	2653	16
Span80	10 U 615160 5829071	annually Ente	820	Soil	180.18	ppm	21687	652	11717	3044	19
			821	Soil	180.39	ppm	21464	644	11978	3008	13
			822	Mining	180.06	ppm	< LOD	506	11761	2058	11
			823	Mining	180.78	ppm	< LOD	512	11769	2075	14

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Rb	Sr	Mn	Si	Zr
Span01	10 U 614947 5829929	1446 m	473	Soil	180.16	ppm	86	213	708		319
			474	Soil	180.31	ppm	86	213	697		315
			475	Soil	180.14	ppm	88	213	735		318
			476	Mining	181.66	ppm	45	161	< LOD	64586	253
			477	Mining	180.52	ppm	45	163	< LOD	64594	256
Span02	10 U 614966 5829926	1446 m	478	Soil	180.01	ppm	95	260	684		344
			479	Soil	180.37	ppm	93	263	725		343
			480	Mining	181.39	ppm	49	195	< LOD	81599	275
			481	Mining	180.54	ppm	49	200	< LOD	82620	281
Span03	10 U 614985 5829921	1444 m	482	Soil	180.35	ppm	98	263	575		358
			483	Soil	180.01	ppm	96	260	575		355
			484	Mining	181.83	ppm	50	199	< LOD	71584	289
			485	Mining	180.69	ppm	49	196	< LOD	70024	286
Span04	10 U 615003 5829916	1441 m	486	Soil	180.29	ppm	101	270	650		369
			487	Soil	180.13	ppm	100	275	674		367
			488	Mining	180.11	ppm	51	206	< LOD	67648	294
			489	Mining	181.59	ppm	53	206	< LOD	68216	297
Span05	10 U 615027 5829912	1443 m	490	Soil	180.05	ppm	78	184	885		237
			491	Soil	180.22	ppm	78	185	948		237
			492	Mining	181.3	ppm	40	143	< LOD	60793	189
			493	Mining	180.72	ppm	40	145	< LOD	61140	189
Span06	10 U 615044 5829908	1442 m	496	Soil	180.37	ppm	40	77	6954		49
			497	Soil	180.24	ppm	42	75	7037		51
			498	Mining	181.78	ppm	20	56	6854	42107	42
			499	Mining	180.55	ppm	20	57	6950	41650	41
Span08	10 U 615081 5829912	1437 m	504	Soil	180.02	ppm	21	124	3351		200
			505	Soil	180.36	ppm	22	124	3352		199
			506	Mining	181.74	ppm	11	91	3450	63454	155
			507	Mining	181.63	ppm	10	91	3452	62812	159
Span09	10 U 615100 5829915	1433 m	508	Soil	180.36	ppm	68	167	1410		266
			509	Soil	180.12	ppm	70	167	1438		265
			510	Mining	180.26	ppm	35	125	< LOD	67090	213
			511	Mining	182.34	ppm	35	127	< LOD	67629	214
Span12	10 U 615161 5829914	1427 m	524	Soil	180	ppm	59	135	2208		232
			525	Soil	180.08	ppm	59	138	2239		230
			526	Mining	180.15	ppm	31	105	2524	72138	189
			527	Mining	181.12	ppm	30	104	2510	72373	184
Span13	10 U 615178 5829920	1426 m	528	Soil	180.22	ppm	55	121	1408		195
			529	Soil	180.06	ppm	58	120	1437		197
			530	Mining	181.8	ppm	29	91	< LOD	61887	160
			531	Mining	181.17	ppm	28	88	< LOD	62302	158
Span14	10 U 615200 5829923	1427 m	532	Soil	180.34	ppm	55	125	1902		175
			533	Soil	180.08	ppm	57	124	1924		174

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Rb	Sr	Mn	Si	Zr
			534	Mining	180.43	ppm	27	93	< LOD	59254	139
			535	Mining	181	ppm	29	92	< LOD	58990	140
Span15	10 U 615216 5829935	1427 m	536	Soil	180.21	ppm	51	106	2076		167
			537	Soil	180.39	ppm	51	106	2145		169
			538	Mining	181.36	ppm	26	80	2336	46444	140
			539	Mining	180.09	ppm	25	79	< LOD	46868	137
Span16	10 U 615229 5829938	1432 m	542	Soil	180.22	ppm	53	88	3193		134
			543	Soil	180.39	ppm	50	91	3200		131
			544	Mining	180.58	ppm	24	67	3256	54191	108
			545	Mining	180.69	ppm	25	68	3161	54193	106
Span17	10 U 615257 5829934	1429 m	546	Soil	180.01	ppm	94	201	857		251
			547	Soil	180.37	ppm	91	203	872		257
			548	Mining	181.02	ppm	49	157	< LOD	70382	205
			549	Mining	181.34	ppm	48	157	< LOD	70926	204
Span18	10 U 615276 5829935	1428 m	550	Soil	180.39	ppm	85	164	848		211
			551	Soil	180.33	ppm	85	162	791		207
			552	Mining	180.97	ppm	43	126	< LOD	64361	166
			553	Mining	181.02	ppm	44	125	< LOD	64257	169
Span19	10 U 615297 5829930	1428 m	554	Soil	180.32	ppm	88	210	784		289
			555	Soil	180.41	ppm	88	210	747		285
			556	Mining	180.23	ppm	46	158	< LOD	75393	228
			557	Mining	181.11	ppm	46	160	< LOD	76645	226
Span20	10 U 615316 5829930	1428 m	558	Soil	180.22	ppm	45	118	1154		146
			559	Soil	180.29	ppm	46	118	1127		145
			560	Mining	180.99	ppm	23	92	< LOD	62571	118
			561	Mining	181.83	ppm	24	90	< LOD	62940	119
Span21	10 U 615338 5829924	1426 m	566	Soil	180.34	ppm	82	170	929		216
			567	Soil	180.17	ppm	85	169	934		214
			568	Mining	181.29	ppm	42	128	< LOD	68434	175
			569	Mining	180.25	ppm	43	132	< LOD	67395	173
Span22	10 U 615355 5829907	1426 m	570	Soil	180.13	ppm	78	210	844		253
			571	Soil	180.14	ppm	80	211	848		256
			572	Mining	181.13	ppm	40	163	< LOD	63569	207
			573	Mining	181.06	ppm	39	160	< LOD	63322	208
Span23	10 U 615359 5829887	1426 m	574	Soil	180.07	ppm	74	150	840		276
			575	Soil	180.01	ppm	75	153	874		276
			576	Mining	181.45	ppm	38	114	< LOD	54411	224
			577	Mining	181.06	ppm	38	115	< LOD	54071	221
Span24	10 U 615352 5829868	1428 m	578	Soil	180.25	ppm	91	138	575		257
			579	Soil	180.12	ppm	90	138	668		258
			580	Mining	181.81	ppm	46	105	< LOD	61562	204
			581	Mining	180.16	ppm	47	107	< LOD	61500	207
Span25	10 U 615345 5829845	1430 m	582	Soil	180.17	ppm	102	143	646		298
			583	Soil	180.18	ppm	103	142	609		296

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Rb	Sr	Mn	Si	Zr
			584	Mining	181.79	ppm	53	109	< LOD	60037	239
			585	Mining	180.71	ppm	53	109	< LOD	60375	235
Span26	10 U 615335 5829830	1441 m	588	Soil	180.34	ppm	98	144	764		372
			589	Soil	180.31	ppm	98	144	738		376
			590	Mining	180.34	ppm	49	108	< LOD	60789	293
			591	Mining	180.14	ppm	51	108	< LOD	60759	294
Span27	10 U 615323 5829814	1437 m	592	Soil	180.1	ppm	92	129	890		236
			593	Soil	180.39	ppm	94	128	850		236
			594	Mining	181.72	ppm	49	100	< LOD	76478	189
			595	Mining	181.62	ppm	47	100	< LOD	77408	189
Span28	10 U 615307 5829797	1438 m	596	Soil	180.01	ppm	109	125	744		268
			597	Soil	180.34	ppm	111	127	764		269
			598	Mining	180.12	ppm	58	98	< LOD	67838	217
			599	Mining	180.97	ppm	58	97	< LOD	67412	215
Span29	10 U 615296 5829784	1437 m	600	Soil	180.18	ppm	112	130	784		290
			601	Soil	180.15	ppm	111	130	767		290
			602	Mining	180.79	ppm	58	99	< LOD	81145	229
			603	Mining	181.04	ppm	58	100	< LOD	83166	231
Span30	10 U 615294 5829761	1439 m	604	Soil	180.02	ppm	102	141	789		246
			605	Soil	180.37	ppm	101	139	762		252
			606	Mining	180.94	ppm	53	108	< LOD	73158	201
			607	Mining	180.9	ppm	54	108	< LOD	72759	204
Span31	10 U 615277 5829749	1437 m	610	Soil	180.12	ppm	95	127	944		254
			611	Soil	180.38	ppm	100	128	916		253
			612	Mining	181.16	ppm	49	99	< LOD	61634	196
			613	Mining	181.19	ppm	50	97	< LOD	62152	197
Span32	10 U 615270 5829730	1437 m	614	Soil	180.22	ppm	93	111	615		252
			615	Soil	180.21	ppm	92	113	611		251
			616	Mining	180.6	ppm	49	84	< LOD	53878	203
			617	Mining	180.47	ppm	49	85	< LOD	53448	205
Span33	10 U 615260 5829713	1438 m	618	Soil	180.2	ppm	112	149	642		293
			619	Soil	180.25	ppm	113	147	636		292
			620	Mining	180.28	ppm	59	113	< LOD	72294	237
			621	Mining	180.33	ppm	58	113	< LOD	72113	233
Span34	10 U 615253 5829695	1438 m	622	Soil	180.13	ppm	107	134	559		258
			623	Soil	180.35	ppm	109	134	547		260
			624	Mining	180.46	ppm	55	104	< LOD	67452	211
			625	Mining	180.39	ppm	56	101	< LOD	68708	211
Span35	10 U 615243 5829679	1438 m	626	Soil	180.15	ppm	77	140	483		401
			627	Soil	180.37	ppm	77	140	453		403
			628	Mining	181.05	ppm	38	112	< LOD	100479	321
			629	Mining	181.43	ppm	41	110	< LOD	102369	326
Span36	10 U 615234 5829661	1437 m	634	Soil	180.24	ppm	107	156	654		320
			635	Soil	180.1	ppm	110	157	603		322

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Rb	Sr	Mn	Si	Zr
			636	Mining	180.23	ppm	54	121	< LOD	69178	256
			637	Mining	180.39	ppm	54	118	< LOD	70323	255
Span37	10 U 615226 5829641	1438 m	638	Soil	180.09	ppm	105	165	565		292
			639	Soil	180.26	ppm	105	168	667		297
			640	Mining	181.03	ppm	53	127	< LOD	72797	235
			641	Mining	181.46	ppm	54	126	< LOD	72326	239
Span38	10 U 615209 5829630	1436 m	642	Soil	180.14	ppm	109	158	616		303
			643	Soil	180.11	ppm	112	163	663		303
			644	Mining	181.06	ppm	58	121	< LOD	64887	243
			645	Mining	181.02	ppm	59	122	< LOD	66964	247
Span39	10 U 615194 5829616	1436 m	646	Soil	180.07	ppm	115	258	728		291
			647	Soil	180.02	ppm	114	258	764		290
			648	Mining	181.39	ppm	58	197	< LOD	60997	229
			649	Mining	181.04	ppm	59	197	< LOD	60293	232
Span40	10 U 615179 5829605	1434 m	650	Soil	180.24	ppm	103	207	680		285
			651	Soil	180	ppm	102	204	651		282
			652	Mining	180.98	ppm	52	157	< LOD	60207	227
			653	Mining	181.78	ppm	53	158	< LOD	59954	227
Span41	10 U 615159 5829595	1436 m	656	Soil	180.17	ppm	92	223	513		279
			657	Soil	180.32	ppm	94	223	473		275
			658	Mining	180.41	ppm	49	172	< LOD	69314	225
			659	Mining	180.54	ppm	48	170	< LOD	69707	222
Span42	10 U 615145 5829582	1434 m	660	Soil	180.19	ppm	109	217	557		276
			661	Soil	180.12	ppm	107	217	583		274
			662	Mining	181.1	ppm	54	165	< LOD	69860	221
			663	Mining	181.2	ppm	54	165	< LOD	70502	222
Span43	10 U 615131 5829569	1434 m	664	Soil	180.08	ppm	105	156	608		308
			665	Soil	180.02	ppm	108	158	631		310
			666	Mining	180.78	ppm	54	123	< LOD	72697	250
			667	Mining	180.91	ppm	54	121	< LOD	73230	246
Span44	10 U 615118 5829555	1434 m	668	Soil	180.29	ppm	111	173	751		250
			669	Soil	180.15	ppm	112	176	715		253
			670	Mining	181.63	ppm	56	133	< LOD	72624	205
			671	Mining	180.24	ppm	57	132	< LOD	73165	202
Span45	10 U 615103 5829542	1432 m	672	Soil	180.19	ppm	101	174	648		274
			673	Soil	180.16	ppm	103	172	631		276
			674	Mining	180.22	ppm	53	131	< LOD	78955	220
			675	Mining	181.28	ppm	53	131	< LOD	78953	221
Span46	10 U 615090 5829528	1433 m	680	Soil	180.2	ppm	112	160	672		248
			681	Soil	180.21	ppm	113	158	703		252
			682	Mining	181.58	ppm	56	120	< LOD	67398	200
			683	Mining	181.52	ppm	58	121	< LOD	67271	202
Span47	10 U 615082 5829510	1433 m	684	Soil	180.11	ppm	102	148	695		220
			685	Soil	180.16	ppm	103	148	701		222

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Rb	Sr	Mn	Si	Zr
			686	Mining	181.12	ppm	54	114	< LOD	63217	182
			687	Mining	181.36	ppm	55	114	< LOD	63372	181
Span48	10 U 615081 5829493	1432 m	688	Soil	180.37	ppm	66	82	1117		227
			689	Soil	180.35	ppm	69	83	1152		224
			690	Mining	181.29	ppm	34	63	< LOD	50856	180
			691	Mining	181.58	ppm	34	62	< LOD	50048	180
Span49	10 U 615079 5829471	1433 m	692	Soil	180.23	ppm	86	118	968		188
			693	Soil	180.21	ppm	85	119	1003		189
			694	Mining	180.24	ppm	44	91	< LOD	68438	153
			695	Mining	180.53	ppm	46	91	< LOD	68462	152
Span50	10 U 615082 5829452	1430 m	696	Soil	180.19	ppm	103	153	840		203
			697	Soil	180.24	ppm	103	154	894		204
			698	Mining	181.27	ppm	53	116	< LOD	64330	164
			699	Mining	180.4	ppm	56	118	< LOD	64477	164
Span52	10 U 615092 5829413	1426 m	702	Soil	180.12	ppm	70	153	916		251
			703	Soil	180.32	ppm	72	157	993		254
			704	Mining	181.41	ppm	36	117	< LOD	74893	203
			705	Mining	181.61	ppm	36	118	< LOD	74867	201
Span53	10 U 615097 5829395	1425 m	706	Soil	180.1	ppm	80	148	1082		260
			707	Soil	180.34	ppm	81	150	1052		264
			708	Mining	180.54	ppm	41	114	< LOD	64560	208
			709	Mining	180.23	ppm	40	114	< LOD	65557	215
Span56	10 U 615123 5829341	1422 m	720	Soil	180.39	ppm	40	123	1363		187
			721	Soil	180.1	ppm	41	125	1353		192
			722	Mining	181.86	ppm	21	93	< LOD	63917	153
			723	Mining	180.93	ppm	20	94	< LOD	64497	153
Span57	10 U 615136 5829325	1421 m	724	Soil	180.22	ppm	85	176	722		253
			725	Soil	180.3	ppm	86	180	699		251
			726	Mining	180.58	ppm	44	134	< LOD	67084	205
			727	Mining	180.49	ppm	43	137	< LOD	67465	206
Span58	10 U 615145 5829306	1421 m	728	Soil	180.35	ppm	62	171	1021		214
			729	Soil	180.12	ppm	64	172	1084		216
			730	Mining	181.73	ppm	33	135	< LOD	68938	177
			731	Mining	180.87	ppm	34	132	< LOD	69980	176
Span59	10 U 615150 5829288	1419 m	732	Soil	180.28	ppm	75	199	687		327
			733	Soil	180.14	ppm	71	199	692		328
			734	Mining	180	ppm	38	153	< LOD	83276	262
			735	Mining	180.54	ppm	38	152	< LOD	83814	264
Span60	10 U 615157 5829268	1417 m	736	Soil	180.37	ppm	74	163	1131		257
			737	Soil	180.24	ppm	75	165	1120		263
			738	Mining	180.54	ppm	39	123	< LOD	60462	209
			739	Mining	180.51	ppm	37	127	< LOD	60555	213
Span61	10 U 615155 5829248	1416 m	744	Soil	180.14	ppm	75	218	686		281
			745	Soil	180.17	ppm	77	217	705		286

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Rb	Sr	Mn	Si	Zr
			746	Mining	180.8	ppm	38	168	< LOD	67845	225
			747	Mining	181.43	ppm	39	167	< LOD	68585	227
Span62	10 U 615157 5829230	1417 m	748	Soil	180.24	ppm	84	201	842		289
			749	Soil	180	ppm	85	204	889		293
			750	Mining	180.19	ppm	42	152	< LOD	69567	231
			751	Mining	180.87	ppm	43	152	< LOD	70127	233
Span63	10 U 615165 5829212	1414 m	752	Soil	180.15	ppm	94	154	825		246
			753	Soil	180.19	ppm	97	154	795		250
			754	Mining	181.37	ppm	50	118	< LOD	58187	199
			755	Mining	181.13	ppm	49	117	< LOD	57827	200
Span64	10 U 615159 5829193	1414 m	756	Soil	180.04	ppm	89	153	1142		203
			757	Soil	180.35	ppm	93	150	1079		205
			758	Mining	180.67	ppm	46	114	< LOD	56660	163
			759	Mining	180.3	ppm	46	117	< LOD	57831	164
Span65	10 U 615161 5829172	1414 m	760	Soil	180.17	ppm	77	206	599		349
			761	Soil	180.26	ppm	75	206	602		357
			762	Mining	180.28	ppm	39	156	< LOD	55814	281
			763	Mining	181.32	ppm	38	156	< LOD	54655	281
Span66	10 U 615162 5829151	1413 m	766	Soil	180.04	ppm	88	154	782		221
			767	Soil	180.23	ppm	89	157	850		222
			768	Mining	180.2	ppm	47	120	< LOD	58463	182
			769	Mining	180.6	ppm	46	117	< LOD	58651	180
Span68	10 U 615163 5829112	1414 m	770	Soil	180.32	ppm	88	175	913		256
			771	Soil	180.22	ppm	87	173	953		262
			772	Mining	181.67	ppm	47	132	< LOD	61947	211
			773	Mining	180.32	ppm	45	132	< LOD	63819	210
Span69	10 U 615160 5829093	1414 m	774	Soil	180.38	ppm	92	179	762		249
			775	Soil	180.05	ppm	94	179	748		256
			776	Mining	180.36	ppm	47	138	< LOD	69840	204
			777	Mining	180.62	ppm	47	138	< LOD	70606	200
Span70	10 U 615164 5829073	1411 m	778	Soil	180.25	ppm	90	180	611		238
			779	Soil	180.18	ppm	90	175	650		240
			780	Mining	180.34	ppm	46	134	< LOD	63483	193
			781	Mining	181.59	ppm	45	136	< LOD	63611	193
Span72	10 U 615166 5829033	1410 m	784	Soil	180.18	ppm	84	185	642		263
			785	Soil	180.06	ppm	85	187	678		260
			786	Mining	181.82	ppm	45	140	< LOD	65087	215
			787	Mining	181.32	ppm	43	145	< LOD	65254	212
Span73	10 U 615161 5829010	1410 m	788	Soil	180.02	ppm	80	255	609		328
			789	Soil	180.34	ppm	78	253	626		327
			790	Mining	180.63	ppm	40	193	< LOD	63019	263
			791	Mining	180.28	ppm	40	193	< LOD	62271	263
Span74	10 U 615153 5828990	1411 m	792	Soil	180.24	ppm	68	272	535		301
			793	Soil	180.29	ppm	67	266	567		303

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Rb	Sr	Mn	Si	Zr
			794	Mining	181.53	ppm	34	204	< LOD	57022	244
			795	Mining	180.11	ppm	34	206	< LOD	57388	246
Span75	10 U 615155 5828972	1410 m	800	Soil	180.07	ppm	91	218	658		315
			801	Soil	180.16	ppm	94	216	680		318
			802	Mining	180.38	ppm	48	164	< LOD	57518	253
			803	Mining	180.88	ppm	49	167	< LOD	58403	258
Span76	10 U 615156 5828951	1410 m	804	Soil	180.21	ppm	71	258	650		316
			805	Soil	180.37	ppm	71	257	662		313
			806	Mining	181.19	ppm	37	196	< LOD	66846	252
			807	Mining	180.73	ppm	37	196	< LOD	67444	254
Span77	10 U 615159 5828932	1410 m	808	Soil	180.15	ppm	109	143	505		376
			809	Soil	180.28	ppm	105	141	521		379
			810	Mining	181.14	ppm	54	110	< LOD	78641	303
			811	Mining	180.59	ppm	54	109	< LOD	79407	304
Span78	10 U 615162 5828911	1411 m	812	Soil	180.37	ppm	83	155	643		282
			813	Soil	180.02	ppm	84	154	652		282
			814	Mining	180.89	ppm	42	116	< LOD	72550	229
			815	Mining	180.66	ppm	42	116	< LOD	73806	225
Span79	10 U 615161 5828891	1409 m	816	Soil	180.14	ppm	134	128	486		323
			817	Soil	180.28	ppm	134	125	495		322
			818	Mining	181.5	ppm	69	95	< LOD	55687	261
			819	Mining	181.27	ppm	71	93	< LOD	55293	261
Span80	10 U 615160 5829071	annually Ente	820	Soil	180.18	ppm	80	144	761		229
			821	Soil	180.39	ppm	84	143	753		226
			822	Mining	180.06	ppm	45	109	< LOD	60741	184
			823	Mining	180.78	ppm	43	109	< LOD	61688	183

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	P	Al	Ca	U	Cl
Span01	10 U 614947 5829929	1446 m	473	Soil	180.16	ppm			3923	6	
			474	Soil	180.31	ppm			4085	6	
			475	Soil	180.14	ppm			3981	8	
			476	Mining	181.66	ppm	1754	22797	4018	< LOD	327905
			477	Mining	180.52	ppm	2071	24480	4123	< LOD	329293
Span02	10 U 614966 5829926	1446 m	478	Soil	180.01	ppm			4812	< LOD	
			479	Soil	180.37	ppm			4837	7	
			480	Mining	181.39	ppm	1741	30180	5036	9	308252
			481	Mining	180.54	ppm	1895	34391	5139	8	311267
Span03	10 U 614985 5829921	1444 m	482	Soil	180.35	ppm			3957	11	
			483	Soil	180.01	ppm			3943	13	
			484	Mining	181.83	ppm	1677	30542	4091	8	337797
			485	Mining	180.69	ppm	1517	28306	4204	9	337500
Span04	10 U 615003 5829916	1441 m	486	Soil	180.29	ppm			4256	13	
			487	Soil	180.13	ppm			4151	8	
			488	Mining	180.11	ppm	1615	27527	4399	< LOD	341666
			489	Mining	181.59	ppm	1489	27166	4282	< LOD	344886
Span05	10 U 615027 5829912	1443 m	490	Soil	180.05	ppm			4325	10	
			491	Soil	180.22	ppm			4251	11	
			492	Mining	181.3	ppm	2002	22505	4658	< LOD	358930
			493	Mining	180.72	ppm	1758	24485	4593	< LOD	358870
Span06	10 U 615044 5829908	1442 m	496	Soil	180.37	ppm			850	12	
			497	Soil	180.24	ppm			850	< LOD	
			498	Mining	181.78	ppm	2065	23336	705	< LOD	354471
			499	Mining	180.55	ppm	2229	28123	825	< LOD	353896
Span08	10 U 615081 5829912	1437 m	504	Soil	180.02	ppm			1970	8	
			505	Soil	180.36	ppm			1946	8	
			506	Mining	181.74	ppm	1704	36081	1964	< LOD	339172
			507	Mining	181.63	ppm	1998	34813	1962	< LOD	340769
Span09	10 U 615100 5829915	1433 m	508	Soil	180.36	ppm			3173	10	
			509	Soil	180.12	ppm			3280	11	
			510	Mining	180.26	ppm	1657	29431	3477	< LOD	342721
			511	Mining	182.34	ppm	2113	25603	3463	< LOD	343777
Span12	10 U 615161 5829914	1427 m	524	Soil	180	ppm			4155	7	
			525	Soil	180.08	ppm			4182	9	
			526	Mining	180.15	ppm	2170	27520	4131	< LOD	315426
			527	Mining	181.12	ppm	1912	32561	4032	< LOD	314279
Span13	10 U 615178 5829920	1426 m	528	Soil	180.22	ppm			3586	7	
			529	Soil	180.06	ppm			3570	< LOD	
			530	Mining	181.8	ppm	2063	24700	3569	< LOD	334297
			531	Mining	181.17	ppm	2044	28138	3642	< LOD	335687
Span14	10 U 615200 5829923	1427 m	532	Soil	180.34	ppm			3784	6	
			533	Soil	180.08	ppm			3830	6	

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	P	Al	Ca	U	Cl
			534	Mining	180.43	ppm	1804	29570	3907	< LOD	335328
			535	Mining	181	ppm	1619	25446	4075	< LOD	336952
Span15	10 U 615216 5829935	1427 m	536	Soil	180.21	ppm			3081	< LOD	
			537	Soil	180.39	ppm			3130	< LOD	
			538	Mining	181.36	ppm	2060	18211	3252	< LOD	359723
			539	Mining	180.09	ppm	1558	22217	3344	< LOD	359414
Span16	10 U 615229 5829938	1432 m	542	Soil	180.22	ppm			2183	9	
			543	Soil	180.39	ppm			2174	< LOD	
			544	Mining	180.58	ppm	1815	27530	2162	< LOD	335306
			545	Mining	180.69	ppm	2007	27148	2232	< LOD	335804
Span17	10 U 615257 5829934	1429 m	546	Soil	180.01	ppm			3482	8	
			547	Soil	180.37	ppm			3459	10	
			548	Mining	181.02	ppm	1788	27085	3594	< LOD	337746
			549	Mining	181.34	ppm	1876	24563	3621	< LOD	338324
Span18	10 U 615276 5829935	1428 m	550	Soil	180.39	ppm			3442	9	
			551	Soil	180.33	ppm			3410	< LOD	
			552	Mining	180.97	ppm	2037	23093	3743	< LOD	346024
			553	Mining	181.02	ppm	2116	22926	3584	< LOD	347126
Span19	10 U 615297 5829930	1428 m	554	Soil	180.32	ppm			4812	9	
			555	Soil	180.41	ppm			4880	11	
			556	Mining	180.23	ppm	1606	26180	4868	< LOD	330504
			557	Mining	181.11	ppm	1845	28235	4993	< LOD	331159
Span20	10 U 615316 5829930	1428 m	558	Soil	180.22	ppm			9964	11	
			559	Soil	180.29	ppm			10011	< LOD	
			560	Mining	180.99	ppm	915	24053	10216	< LOD	334961
			561	Mining	181.83	ppm	1700	24221	10613	< LOD	337487
Span21	10 U 615338 5829924	1426 m	566	Soil	180.34	ppm			6337	8	
			567	Soil	180.17	ppm			6399	7	
			568	Mining	181.29	ppm	1430	25352	6568	< LOD	319889
			569	Mining	180.25	ppm	1713	20811	6552	< LOD	319221
Span22	10 U 615355 5829907	1426 m	570	Soil	180.13	ppm			7027	8	
			571	Soil	180.14	ppm			7051	7	
			572	Mining	181.13	ppm	1694	19091	6927	< LOD	329218
			573	Mining	181.06	ppm	1595	22665	7046	< LOD	331953
Span23	10 U 615359 5829887	1426 m	574	Soil	180.07	ppm			4176	7	
			575	Soil	180.01	ppm			4115	6	
			576	Mining	181.45	ppm	1732	15878	4247	< LOD	342281
			577	Mining	181.06	ppm	1267	15529	4193	7	345427
Span24	10 U 615352 5829868	1428 m	578	Soil	180.25	ppm			2952	11	
			579	Soil	180.12	ppm			3009	7	
			580	Mining	181.81	ppm	1502	22198	3170	< LOD	331124
			581	Mining	180.16	ppm	1646	21555	3251	< LOD	333553
Span25	10 U 615345 5829845	1430 m	582	Soil	180.17	ppm			2920	9	
			583	Soil	180.18	ppm			2909	12	

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	P	Al	Ca	U	Cl
			584	Mining	181.79	ppm	1578	22636	3395	< LOD	344067
			585	Mining	180.71	ppm	1389	19095	3320	7	347883
Span26	10 U 615335 5829830	1441 m	588	Soil	180.34	ppm			3973	11	
			589	Soil	180.31	ppm			3966	11	
			590	Mining	180.34	ppm	1514	23372	4197	8	342253
			591	Mining	180.14	ppm	1580	21952	4238	< LOD	344788
Span27	10 U 615323 5829814	1437 m	592	Soil	180.1	ppm			3629	13	
			593	Soil	180.39	ppm			3688	15	
			594	Mining	181.72	ppm	1574	30253	3972	< LOD	318561
			595	Mining	181.62	ppm	1517	30087	3943	< LOD	319383
Span28	10 U 615307 5829797	1438 m	596	Soil	180.01	ppm			2449	17	
			597	Soil	180.34	ppm			2335	16	
			598	Mining	180.12	ppm	1401	21400	2640	< LOD	337813
			599	Mining	180.97	ppm	1802	22768	2671	< LOD	338898
Span29	10 U 615296 5829784	1437 m	600	Soil	180.18	ppm			2891	16	
			601	Soil	180.15	ppm			2996	17	
			602	Mining	180.79	ppm	1573	33119	3106	< LOD	310891
			603	Mining	181.04	ppm	1184	33202	3141	< LOD	313548
Span30	10 U 615294 5829761	1439 m	604	Soil	180.02	ppm			3404	13	
			605	Soil	180.37	ppm			3395	12	
			606	Mining	180.94	ppm	1379	24661	3763	8	325504
			607	Mining	180.9	ppm	1378	26709	3828	< LOD	325663
Span31	10 U 615277 5829749	1437 m	610	Soil	180.12	ppm			3270	13	
			611	Soil	180.38	ppm			3267	10	
			612	Mining	181.16	ppm	1281	25150	3402	< LOD	338293
			613	Mining	181.19	ppm	1473	26136	3508	< LOD	340006
Span32	10 U 615270 5829730	1437 m	614	Soil	180.22	ppm			2732	13	
			615	Soil	180.21	ppm			2707	11	
			616	Mining	180.6	ppm	1199	19304	2734	< LOD	319010
			617	Mining	180.47	ppm	2005	22558	2738	< LOD	320697
Span33	10 U 615260 5829713	1438 m	618	Soil	180.2	ppm			3065	18	
			619	Soil	180.25	ppm			3029	14	
			620	Mining	180.28	ppm	1719	26671	3281	< LOD	324990
			621	Mining	180.33	ppm	1122	25663	3326	< LOD	328540
Span34	10 U 615253 5829695	1438 m	622	Soil	180.13	ppm			2528	13	
			623	Soil	180.35	ppm			2537	15	
			624	Mining	180.46	ppm	1579	23232	2749	< LOD	335221
			625	Mining	180.39	ppm	1494	27793	2841	< LOD	335573
Span35	10 U 615243 5829679	1438 m	626	Soil	180.15	ppm			3155	14	
			627	Soil	180.37	ppm			3139	9	
			628	Mining	181.05	ppm	1303	23862	3421	8	303408
			629	Mining	181.43	ppm	1783	27482	3394	< LOD	303922
Span36	10 U 615234 5829661	1437 m	634	Soil	180.24	ppm			3177	9	
			635	Soil	180.1	ppm			3211	< LOD	

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	P	Al	Ca	U	Cl
			636	Mining	180.23	ppm	1755	24781	3331	< LOD	329679
			637	Mining	180.39	ppm	1724	27379	3372	< LOD	330999
Span37	10 U 615226 5829641	1438 m	638	Soil	180.09	ppm			3403	11	
			639	Soil	180.26	ppm			3331	7	
			640	Mining	181.03	ppm	1983	24754	3455	< LOD	337478
			641	Mining	181.46	ppm	2344	29731	3515	< LOD	337395
Span38	10 U 615209 5829630	1436 m	642	Soil	180.14	ppm			3282	9	
			643	Soil	180.11	ppm			3211	12	
			644	Mining	181.06	ppm	1706	26260	3538	< LOD	341302
			645	Mining	181.02	ppm	1508	25891	3459	< LOD	342856
Span39	10 U 615194 5829616	1436 m	646	Soil	180.07	ppm			3627	13	
			647	Soil	180.02	ppm			3637	11	
			648	Mining	181.39	ppm	1782	23118	3592	< LOD	350553
			649	Mining	181.04	ppm	1914	22336	3746	8	352242
Span40	10 U 615179 5829605	1434 m	650	Soil	180.24	ppm			3817	10	
			651	Soil	180	ppm			3838	9	
			652	Mining	180.98	ppm	1492	24685	3961	< LOD	347092
			653	Mining	181.78	ppm	1721	22393	3910	< LOD	347925
Span41	10 U 615159 5829595	1436 m	656	Soil	180.17	ppm			3966	8	
			657	Soil	180.32	ppm			4010	8	
			658	Mining	180.41	ppm	1800	24096	4169	< LOD	345534
			659	Mining	180.54	ppm	1873	25774	4135	< LOD	345955
Span42	10 U 615145 5829582	1434 m	660	Soil	180.19	ppm			3671	8	
			661	Soil	180.12	ppm			3609	10	
			662	Mining	181.1	ppm	1667	28208	3773	7	337684
			663	Mining	181.2	ppm	2062	28040	3798	< LOD	336882
Span43	10 U 615131 5829569	1434 m	664	Soil	180.08	ppm			2467	16	
			665	Soil	180.02	ppm			2597	7	
			666	Mining	180.78	ppm	1940	24453	2781	< LOD	337156
			667	Mining	180.91	ppm	1357	29601	2758	< LOD	335727
Span44	10 U 615118 5829555	1434 m	668	Soil	180.29	ppm			3376	12	
			669	Soil	180.15	ppm			3404	12	
			670	Mining	181.63	ppm	1508	29136	3631	< LOD	333109
			671	Mining	180.24	ppm	1863	29694	3647	< LOD	332554
Span45	10 U 615103 5829542	1432 m	672	Soil	180.19	ppm			3700	13	
			673	Soil	180.16	ppm			3696	15	
			674	Mining	180.22	ppm	1604	25341	3898	< LOD	325922
			675	Mining	181.28	ppm	1672	29554	3914	< LOD	325798
Span46	10 U 615090 5829528	1433 m	680	Soil	180.2	ppm			3039	9	
			681	Soil	180.21	ppm			3009	10	
			682	Mining	181.58	ppm	1473	26445	3233	< LOD	318892
			683	Mining	181.52	ppm	1201	25794	3032	< LOD	321020
Span47	10 U 615082 5829510	1433 m	684	Soil	180.11	ppm			2967	8	
			685	Soil	180.16	ppm			2933	12	

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	P	Al	Ca	U	Cl
			686	Mining	181.12	ppm	1358	23507	3215	< LOD	333150
			687	Mining	181.36	ppm	1287	22815	3277	< LOD	335335
Span48	10 U 615081 5829493	1432 m	688	Soil	180.37	ppm			2384	6	
			689	Soil	180.35	ppm			2435	9	
			690	Mining	181.29	ppm	1672	21741	2399	< LOD	347706
			691	Mining	181.58	ppm	2062	22187	2476	< LOD	348540
Span49	10 U 615079 5829471	1433 m	692	Soil	180.23	ppm			3818	6	
			693	Soil	180.21	ppm			3851	12	
			694	Mining	180.24	ppm	1412	24833	3909	< LOD	320147
			695	Mining	180.53	ppm	1426	28685	3904	< LOD	321079
Span50	10 U 615082 5829452	1430 m	696	Soil	180.19	ppm			4346	11	
			697	Soil	180.24	ppm			4302	11	
			698	Mining	181.27	ppm	1480	24826	4479	< LOD	336331
			699	Mining	180.4	ppm	1626	28107	4403	< LOD	338562
Span52	10 U 615092 5829413	1426 m	702	Soil	180.12	ppm			4344	11	
			703	Soil	180.32	ppm			4470	8	
			704	Mining	181.41	ppm	1469	25914	4216	< LOD	330279
			705	Mining	181.61	ppm	1981	26561	4333	< LOD	330280
Span53	10 U 615097 5829395	1425 m	706	Soil	180.1	ppm			4567	11	
			707	Soil	180.34	ppm			4624	9	
			708	Mining	180.54	ppm	1666	24933	4900	< LOD	330639
			709	Mining	180.23	ppm	1613	27726	4927	< LOD	334018
Span56	10 U 615123 5829341	1422 m	720	Soil	180.39	ppm			5948	6	
			721	Soil	180.1	ppm			5979	9	
			722	Mining	181.86	ppm	1732	26029	6143	< LOD	328415
			723	Mining	180.93	ppm	1301	25438	6062	< LOD	330365
Span57	10 U 615136 5829325	1421 m	724	Soil	180.22	ppm			4294	10	
			725	Soil	180.3	ppm			4308	9	
			726	Mining	180.58	ppm	1097	22110	4608	< LOD	347508
			727	Mining	180.49	ppm	1254	26173	4692	< LOD	347550
Span58	10 U 615145 5829306	1421 m	728	Soil	180.35	ppm			5805	11	
			729	Soil	180.12	ppm			5791	12	
			730	Mining	181.73	ppm	1628	25681	6197	< LOD	331507
			731	Mining	180.87	ppm	1822	27692	6103	< LOD	332116
Span59	10 U 615150 5829288	1419 m	732	Soil	180.28	ppm			5568	11	
			733	Soil	180.14	ppm			5591	15	
			734	Mining	180	ppm	1447	27408	6066	7	326527
			735	Mining	180.54	ppm	1797	22242	6101	< LOD	326866
Span60	10 U 615157 5829268	1417 m	736	Soil	180.37	ppm			4297	12	
			737	Soil	180.24	ppm			4325	10	
			738	Mining	180.54	ppm	1660	18251	4675	< LOD	355150
			739	Mining	180.51	ppm	1494	22764	4728	9	356949
Span61	10 U 615155 5829248	1416 m	744	Soil	180.14	ppm			6813	6	
			745	Soil	180.17	ppm			6875	< LOD	

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	P	Al	Ca	U	Cl
			746	Mining	180.8	ppm	2071	23949	6597	9	336172
			747	Mining	181.43	ppm	1860	22000	6592	< LOD	337625
Span62	10 U 615157 5829230	1417 m	748	Soil	180.24	ppm			4977	< LOD	
			749	Soil	180	ppm			4952	6	
			750	Mining	180.19	ppm	1551	23420	5131	< LOD	333727
			751	Mining	180.87	ppm	1764	26638	5128	< LOD	337734
Span63	10 U 615165 5829212	1414 m	752	Soil	180.15	ppm			3464	8	
			753	Soil	180.19	ppm			3493	< LOD	
			754	Mining	181.37	ppm	2020	25058	3731	< LOD	353533
			755	Mining	181.13	ppm	1877	23755	3690	< LOD	353591
Span64	10 U 615159 5829193	1414 m	756	Soil	180.04	ppm			4130	9	
			757	Soil	180.35	ppm			4138	8	
			758	Mining	180.67	ppm	1746	24199	4088	< LOD	345892
			759	Mining	180.3	ppm	1989	25941	4188	< LOD	348299
Span65	10 U 615161 5829172	1414 m	760	Soil	180.17	ppm			5244	< LOD	
			761	Soil	180.26	ppm			5286	10	
			762	Mining	180.28	ppm	2239	21507	5124	< LOD	365077
			763	Mining	181.32	ppm	1774	23212	5081	< LOD	366021
Span66	10 U 615162 5829151	1413 m	766	Soil	180.04	ppm			4391	11	
			767	Soil	180.23	ppm			4428	< LOD	
			768	Mining	180.2	ppm	2512	23424	4208	< LOD	349078
			769	Mining	180.6	ppm	1982	24391	4260	< LOD	350645
Span68	10 U 615163 5829112	1414 m	770	Soil	180.32	ppm			5010	7	
			771	Soil	180.22	ppm			4987	9	
			772	Mining	181.67	ppm	1945	23927	5141	< LOD	350534
			773	Mining	180.32	ppm	1878	26061	5239	< LOD	349328
Span69	10 U 615160 5829093	1414 m	774	Soil	180.38	ppm			4412	8	
			775	Soil	180.05	ppm			4350	< LOD	
			776	Mining	180.36	ppm	2107	25194	4440	< LOD	337131
			777	Mining	180.62	ppm	1712	26236	4458	< LOD	335583
Span70	10 U 615164 5829073	1411 m	778	Soil	180.25	ppm			5382	8	
			779	Soil	180.18	ppm			5345	7	
			780	Mining	180.34	ppm	1895	20995	5428	< LOD	350366
			781	Mining	181.59	ppm	2023	24922	5439	< LOD	347600
Span72	10 U 615166 5829033	1410 m	784	Soil	180.18	ppm			5951	13	
			785	Soil	180.06	ppm			5956	8	
			786	Mining	181.82	ppm	2190	25019	5704	< LOD	353307
			787	Mining	181.32	ppm	1916	25072	5658	9	352241
Span73	10 U 615161 5829010	1410 m	788	Soil	180.02	ppm			6371	7	
			789	Soil	180.34	ppm			6486	8	
			790	Mining	180.63	ppm	1978	20905	6389	< LOD	359077
			791	Mining	180.28	ppm	2078	21736	6085	7	346525
Span74	10 U 615153 5828990	1411 m	792	Soil	180.24	ppm			7655	6	
			793	Soil	180.29	ppm			7653	8	

Spanish Creek - Soil Sampling Program - XRF Results for Soil Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	P	Al	Ca	U	Cl
			794	Mining	181.53	ppm	2090	19760	7158	9	353935
			795	Mining	180.11	ppm	1894	19718	7255	7	353470
Span75	10 U 615155 5828972	1410 m	800	Soil	180.07	ppm			4347	6	
			801	Soil	180.16	ppm			4378	10	
			802	Mining	180.38	ppm	1930	22664	4642	< LOD	347864
			803	Mining	180.88	ppm	1700	18332	4605	< LOD	352051
Span76	10 U 615156 5828951	1410 m	804	Soil	180.21	ppm			6532	8	
			805	Soil	180.37	ppm			6627	6	
			806	Mining	181.19	ppm	1364	18232	6773	< LOD	337231
			807	Mining	180.73	ppm	1789	22580	6703	< LOD	338718
Span77	10 U 615159 5828932	1410 m	808	Soil	180.15	ppm			4507	8	
			809	Soil	180.28	ppm			4543	7	
			810	Mining	181.14	ppm	1344	25213	4613	< LOD	324304
			811	Mining	180.59	ppm	1238	25440	4635	< LOD	324802
Span78	10 U 615162 5828911	1411 m	812	Soil	180.37	ppm			8792	10	
			813	Soil	180.02	ppm			8806	6	
			814	Mining	180.89	ppm	1461	25713	8648	< LOD	341939
			815	Mining	180.66	ppm	1194	29795	8594	10	340489
Span79	10 U 615161 5828891	1409 m	816	Soil	180.14	ppm			1210	13	
			817	Soil	180.28	ppm			1224	11	
			818	Mining	181.5	ppm	2017	21658	1437	< LOD	369287
			819	Mining	181.27	ppm	2301	20949	1372	7	369291
Span80	10 U 615160 5829071	nually Ente	820	Soil	180.18	ppm			5538	17	
			821	Soil	180.39	ppm			5616	13	
			822	Mining	180.06	ppm	1852	22917	5905	< LOD	356328
			823	Mining	180.78	ppm	1906	21481	5859	< LOD	359121

Spanish Creek - 2012 Soil Sampling Program - XRF Results for Rock Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Au	Ag	As	Fe	Hg	Sb	Bi	Se
Span07SHALE	10 U 615063 5829912	1440 m	500	Soil	180.34	ppm	13	152	< LOD	415831	< LOD	22		< LOD
			501	Soil	180.27	ppm	< LOD	170	< LOD	412258	12	31		< LOD
			502	Mining	180.59	ppm	< LOD	109	< LOD	259802		< LOD	< LOD	< LOD
			503	Mining	181.44	ppm	< LOD	108	< LOD	258328		< LOD	< LOD	< LOD
SpanshaleqtzVein	10 U 615112 5829921	1435 m	824	Soil	180.38	ppm	6	104	5	26296	< LOD	19		< LOD
			825	Soil	180.38	ppm	< LOD	118	4	26016	< LOD	20		< LOD
			826	Mining	180.47	ppm	< LOD	< LOD	< LOD	34231		< LOD	< LOD	< LOD
			827	Mining	180.71	ppm	< LOD	< LOD	< LOD	34016		< LOD	< LOD	< LOD
SpanshaleqtzHost	10 U 615112 5829921	1435 m	828	Soil	180.06	ppm	7	133	4	53652	8	28		< LOD
			829	Soil	180	ppm	6	140	< LOD	54119	8	28		< LOD
			830	Mining	181.11	ppm	< LOD	< LOD	< LOD	62501		< LOD	< LOD	< LOD
			831	Mining	180.75	ppm	< LOD	< LOD	< LOD	62517		< LOD	< LOD	< LOD
Span10	10 U 615120 5829911	1432 m	512	Soil	180.07	ppm	< LOD	103	14	110620	< LOD	14		< LOD
			513	Soil	180.35	ppm	< LOD	< LOD	12	110544	8	17		4
			514	Mining	180.11	ppm	< LOD	< LOD	< LOD	107490		< LOD	< LOD	< LOD
			515	Mining	180.97	ppm	< LOD	< LOD	< LOD	107972		< LOD	< LOD	< LOD
Span11	10 U 615143 5829913	1429 m	520	Soil	180.16	ppm	< LOD	121	7	159675	< LOD	23		< LOD
			521	Soil	180.03	ppm	< LOD	111	12	162813	< LOD	20		< LOD
			522	Mining	181.43	ppm	< LOD	< LOD	< LOD	140590		< LOD	< LOD	< LOD
			523	Mining	180.77	ppm	< LOD	< LOD	7	140630		< LOD	< LOD	< LOD
Span54	10 U 615108 5829377	1425 m	710	Soil	180.24	ppm	< LOD	< LOD	10	374779	12	17		< LOD
			711	Soil	180.15	ppm	< LOD	< LOD	12	378509	12	16		< LOD
			712	Mining	180.26	ppm	< LOD	< LOD	9	244105		< LOD	< LOD	< LOD
			713	Mining	180.52	ppm	< LOD	< LOD	13	247399		< LOD	< LOD	< LOD
Span55	10 U 615116 5829359	1422 m	714	Soil	180.2	ppm	< LOD	101	11	44170	7	26		< LOD
			715	Soil	180.37	ppm	6	109	13	44690	< LOD	14		< LOD
			716	Mining	180.78	ppm	< LOD	< LOD	7	53382		< LOD	< LOD	< LOD
			717	Mining	180.82	ppm	< LOD	< LOD	6	52880		< LOD	< LOD	< LOD

Spanish Creek - 2012 Soil Sampling Program - XRF Results for Rock Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Te	Cu	Zn	Pb	Cd	Sn	W	Mo	
Span07SHALE	10 U 615063 5829912	1440 m	500	Soil	180.34	ppm	100	314	365	12	19	40	< LOD	7	
			501	Soil	180.27	ppm	93	347	362	16	18	47	< LOD	6	
			502	Mining	180.59	ppm		325	306	< LOD	< LOD	< LOD	< LOD	< LOD	8
			503	Mining	181.44	ppm		324	312	< LOD	< LOD	< LOD	< LOD	< LOD	7
SpanshaleqtzVein	10 U 615112 5829921	1435 m	824	Soil	180.38	ppm	69	33	65	< LOD	< LOD	30	45	< LOD	
			825	Soil	180.38	ppm	88	32	78	< LOD	< LOD	29	33	< LOD	
			826	Mining	180.47	ppm		27	66	< LOD	< LOD	< LOD	< LOD	< LOD	
			827	Mining	180.71	ppm		< LOD	58	< LOD	< LOD	< LOD	95	< LOD	
SpanshaleqtzHost	10 U 615112 5829921	1435 m	828	Soil	180.06	ppm	94	28	223	< LOD	11	37	< LOD	< LOD	
			829	Soil	180	ppm	88	30	217	< LOD	11	29	< LOD	< LOD	
			830	Mining	181.11	ppm		25	221	< LOD	< LOD	< LOD	< LOD	< LOD	
			831	Mining	180.75	ppm		< LOD	208	< LOD	< LOD	< LOD	< LOD	< LOD	
Span10	10 U 615120 5829911	1432 m	512	Soil	180.07	ppm	77	220	532	< LOD	< LOD	21	< LOD	4	
			513	Soil	180.35	ppm	65	245	528	< LOD	< LOD	31	< LOD	5	
			514	Mining	180.11	ppm		222	506	< LOD	< LOD	< LOD	< LOD	< LOD	
			515	Mining	180.97	ppm		225	514	< LOD	< LOD	< LOD	< LOD	< LOD	
Span11	10 U 615143 5829913	1429 m	520	Soil	180.16	ppm	69	243	505	< LOD	< LOD	25	< LOD	17	
			521	Soil	180.03	ppm	75	250	506	< LOD	12	24	< LOD	15	
			522	Mining	181.43	ppm		240	509	< LOD	< LOD	< LOD	< LOD	12	
			523	Mining	180.77	ppm		235	480	< LOD	< LOD	< LOD	< LOD	13	
Span54	10 U 615108 5829377	1425 m	710	Soil	180.24	ppm	< LOD	202	154	11	< LOD	22	< LOD	< LOD	
			711	Soil	180.15	ppm	< LOD	213	149	11	< LOD	21	< LOD	< LOD	
			712	Mining	180.26	ppm		221	134	< LOD	< LOD	< LOD	< LOD	< LOD	
			713	Mining	180.52	ppm		212	125	< LOD	< LOD	< LOD	< LOD	< LOD	
Span55	10 U 615116 5829359	1422 m	714	Soil	180.2	ppm	82	155	79	< LOD	< LOD	33	< LOD	< LOD	
			715	Soil	180.37	ppm	62	155	76	< LOD	< LOD	17	< LOD	< LOD	
			716	Mining	180.78	ppm		158	67	< LOD	< LOD	< LOD	< LOD	< LOD	
			717	Mining	180.82	ppm		172	68	< LOD	< LOD	< LOD	< LOD	< LOD	

Spanish Creek - 2012 Soil Sampling Program - XRF Results for Rock Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Ni	Co	V	Cr	S	Ba	K	Ti	
Span07SHALE	10 U 615063 5829912	1440 m	500	Soil	180.34	ppm	354	< LOD	281	59	14433	643	4609	5816	
			501	Soil	180.27	ppm	336	< LOD	309	49	15712	612	4496	5855	
			502	Mining	180.59	ppm	142	< LOD	< LOD	< LOD	< LOD	< LOD	392	4221	< LOD
			503	Mining	181.44	ppm	161	< LOD	< LOD	< LOD	< LOD	< LOD	423	4329	3900
SpanshaleqtzVein	10 U 615112 5829921	1435 m	824	Soil	180.38	ppm	81	172	66	< LOD	36182	213	< LOD	2524	
			825	Soil	180.38	ppm	77	125	65	< LOD	36127	209	< LOD	2500	
			826	Mining	180.47	ppm	< LOD	< LOD	< LOD	< LOD	5063	154	< LOD	2038	
			827	Mining	180.71	ppm	< LOD	< LOD	< LOD	< LOD	5295	153	< LOD	1969	
SpanshaleqtzHost	10 U 615112 5829921	1435 m	828	Soil	180.06	ppm	77	196	181	< LOD	23162	289	175	4385	
			829	Soil	180	ppm	84	168	175	< LOD	23463	290	< LOD	4448	
			830	Mining	181.11	ppm	< LOD	< LOD	< LOD	< LOD	766	168	< LOD	3273	
			831	Mining	180.75	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	175	< LOD	3494	
Span10	10 U 615120 5829911	1432 m	512	Soil	180.07	ppm	82	< LOD	311	< LOD	19036	602	7552	7030	
			513	Soil	180.35	ppm	96	< LOD	330	< LOD	18485	597	7606	7208	
			514	Mining	180.11	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	466	7577	4737	
			515	Mining	180.97	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	500	7795	4817	
Span11	10 U 615143 5829913	1429 m	520	Soil	180.16	ppm	86	< LOD	294	< LOD	15641	522	4938	8066	
			521	Soil	180.03	ppm	115	< LOD	287	< LOD	14374	510	4691	8073	
			522	Mining	181.43	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	373	4571	5074	
			523	Mining	180.77	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	399	4504	5399	
Span54	10 U 615108 5829377	1425 m	710	Soil	180.24	ppm	371	< LOD	92	< LOD	18195	385	3136	1014	
			711	Soil	180.15	ppm	354	< LOD	113	< LOD	19117	476	3171	1120	
			712	Mining	180.26	ppm	118	< LOD	< LOD	479	< LOD	327	2535	< LOD	
			713	Mining	180.52	ppm	185	< LOD	< LOD	467	< LOD	308	2470	< LOD	
Span55	10 U 615116 5829359	1422 m	714	Soil	180.2	ppm	104	< LOD	145	90	20962	744	10738	3645	
			715	Soil	180.37	ppm	107	< LOD	157	115	20637	689	10687	3682	
			716	Mining	180.78	ppm	< LOD	< LOD	< LOD	< LOD	< LOD	569	10806	2619	
			717	Mining	180.82	ppm	< LOD	< LOD	< LOD	269	< LOD	524	10791	2421	

Spanish Creek - 2012 Soil Sampling Program - XRF Results for Rock Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Th	Rb	Sr	Mn	Si	Zr	P	Al
Span07SHALE	10 U 615063 5829912	1440 m	500	Soil	180.34	ppm	11	21	95	24414		87		
			501	Soil	180.27	ppm	14	19	90	24038		86		
			502	Mining	180.59	ppm	< LOD	9	65	14604	40451	68	2199	37139
			503	Mining	181.44	ppm	< LOD	10	64	14447	40935	66	1657	35739
SpanshaleqtzVein	10 U 615112 5829921	1435 m	824	Soil	180.38	ppm	< LOD	< LOD	89	1174		41		
			825	Soil	180.38	ppm	< LOD	< LOD	89	1228		41		
			826	Mining	180.47	ppm	< LOD	< LOD	69	< LOD	78220	32	1296	8922
			827	Mining	180.71	ppm	< LOD	< LOD	70	< LOD	78229	33	1667	12940
SpanshaleqtzHost	10 U 615112 5829921	1435 m	828	Soil	180.06	ppm	< LOD	< LOD	71	1452		72		
			829	Soil	180	ppm	4	< LOD	72	1473		72		
			830	Mining	181.11	ppm	< LOD	< LOD	56	< LOD	60961	57	1500	18097
			831	Mining	180.75	ppm	< LOD	< LOD	54	< LOD	59581	58	1943	17248
Span10	10 U 615120 5829911	1432 m	512	Soil	180.07	ppm	11	46	93	3635		173		
			513	Soil	180.35	ppm	6	49	94	3700		172		
			514	Mining	180.11	ppm	< LOD	23	69	3511	57605	136	1645	26759
			515	Mining	180.97	ppm	< LOD	24	71	3644	58523	139	1930	29585
Span11	10 U 615143 5829913	1429 m	520	Soil	180.16	ppm	8	24	119	6395		130		
			521	Soil	180.03	ppm	10	22	120	6440		132		
			522	Mining	181.43	ppm	< LOD	10	89	5757	66931	107	1590	38345
			523	Mining	180.77	ppm	< LOD	10	91	5389	68118	108	1964	33264
Span54	10 U 615108 5829377	1425 m	710	Soil	180.24	ppm	20	20	23	28711		46		
			711	Soil	180.15	ppm	11	21	24	28943		44		
			712	Mining	180.26	ppm	< LOD	10	18	17831	21139	40	1460	15195
			713	Mining	180.52	ppm	< LOD	10	18	18376	21215	40	1244	13809
Span55	10 U 615116 5829359	1422 m	714	Soil	180.2	ppm	11	76	166	1180		251		
			715	Soil	180.37	ppm	13	76	167	1216		250		
			716	Mining	180.78	ppm	< LOD	41	127	< LOD	59731	204	1917	21594
			717	Mining	180.82	ppm	< LOD	40	129	< LOD	59700	205	1720	22528

Spanish Creek - 2012 Soil Sampling Program - XRF Results for Rock Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	Ca	U	Cl	Sc	Y	Nb	Cs	Nd	
Span07SHALE	10 U 615063 5829912	1440 m	500	Soil	180.34	ppm	1174	< LOD		19			96		
			501	Soil	180.27	ppm	1137	8		< LOD			92	787	
			502	Mining	180.59	ppm	940	< LOD	318114		8	< LOD		798	
			503	Mining	181.44	ppm	847	< LOD	317463		7	< LOD			
SpanshaleqtzVein	10 U 615112 5829921	1435 m	824	Soil	180.38	ppm	26834	< LOD		99			56		
			825	Soil	180.38	ppm	26977	< LOD		84			66	666	
			826	Mining	180.47	ppm	27340	< LOD	362609		< LOD	< LOD		586	
			827	Mining	180.71	ppm	27116	< LOD	362536		< LOD	< LOD			
SpanshaleqtzHost	10 U 615112 5829921	1435 m	828	Soil	180.06	ppm	27243	< LOD		99			82		
			829	Soil	180	ppm	27437	< LOD		108			74	667	
			830	Mining	181.11	ppm	28172	< LOD	349515		3	< LOD		688	
			831	Mining	180.75	ppm	27692	< LOD	347701		3	< LOD			
Span10	10 U 615120 5829911	1432 m	512	Soil	180.07	ppm	1761	10		17			57		
			513	Soil	180.35	ppm	1856	7		15			47	498	
			514	Mining	180.11	ppm	1858	< LOD	343669		4	< LOD		585	
			515	Mining	180.97	ppm	1914	< LOD	345242		4	6			
Span11	10 U 615143 5829913	1429 m	520	Soil	180.16	ppm	3224	< LOD		19			62		
			521	Soil	180.03	ppm	3225	6		18			67	674	
			522	Mining	181.43	ppm	2849	< LOD	296257		5	< LOD		633	
			523	Mining	180.77	ppm	2941	< LOD	296077		5	< LOD			
Span54	10 U 615108 5829377	1425 m	710	Soil	180.24	ppm	889	< LOD		< LOD			32		
			711	Soil	180.15	ppm	929	< LOD		< LOD			35	410	
			712	Mining	180.26	ppm	637	< LOD	318217		5	< LOD		482	
			713	Mining	180.52	ppm	693	< LOD	319367		5	< LOD			
Span55	10 U 615116 5829359	1422 m	714	Soil	180.2	ppm	4806	9		24			62		
			715	Soil	180.37	ppm	4764	12		32			54	572	
			716	Mining	180.78	ppm	5006	< LOD	355016		3	8		496	
			717	Mining	180.82	ppm	4945	< LOD	356394		3	9			

Spanish Creek - 2012 Soil Sampling Program - XRF Results for Rock Samples

Sample Number	Position (GPS - Nad83)	Altitude	Reading	Type	Duration	Units	La	Pr	Ce	Pd
Span07SHALE	10 U 615063 5829912	1440 m	500	Soil	180.34	ppm				< LOD
			501	Soil	180.27	ppm				< LOD
			502	Mining	180.59	ppm	244	494	230	
			503	Mining	181.44	ppm	284	539	292	
SpanshaleqtzVein	10 U 615112 5829921	1435 m	824	Soil	180.38	ppm				< LOD
			825	Soil	180.38	ppm				< LOD
			826	Mining	180.47	ppm	181	401	250	
			827	Mining	180.71	ppm	231	446	232	
SpanshaleqtzHost	10 U 615112 5829921	1435 m	828	Soil	180.06	ppm				< LOD
			829	Soil	180	ppm				11
			830	Mining	181.11	ppm	233	440	278	
			831	Mining	180.75	ppm	231	411	294	
Span10	10 U 615120 5829911	1432 m	512	Soil	180.07	ppm				< LOD
			513	Soil	180.35	ppm				< LOD
			514	Mining	180.11	ppm	186	342	262	
			515	Mining	180.97	ppm	234	399	280	
Span11	10 U 615143 5829913	1429 m	520	Soil	180.16	ppm				< LOD
			521	Soil	180.03	ppm				< LOD
			522	Mining	181.43	ppm	228	419	282	
			523	Mining	180.77	ppm	236	436	289	
Span54	10 U 615108 5829377	1425 m	710	Soil	180.24	ppm				< LOD
			711	Soil	180.15	ppm				< LOD
			712	Mining	180.26	ppm	224	326	260	
			713	Mining	180.52	ppm	186	331	253	
Span55	10 U 615116 5829359	1422 m	714	Soil	180.2	ppm				< LOD
			715	Soil	180.37	ppm				< LOD
			716	Mining	180.78	ppm	226	356	252	
			717	Mining	180.82	ppm	185	316	231	

APPENDIX E

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Appendix G

Statement of Qualifications

Statement of Qualifications:

I Louis E. Doyle, President/CEO/Prospector have 18 years experience managing exploration programs in the Cariboo Mining District of British Columbia, Canada.

Appendix H

Spanish Creek Project – Statement of Expenditures

Barker Minerals Ltd.

Work was completed between August 31, 2012 to April 15, 2013

Geological - Rock Sampling & Prospecting on the Spanish Creek Property

Geological

Jack Logan - Rock & soil collection

3 days @ \$400.00/day wages	\$ 1,200.00
3 days @ \$125.00/day room & board	\$ 375.00
3 days @ \$126.00/day vehicle & gas	\$ 375.00

Brian Hall - Rock & soil collection

3 days @ \$250.00/day wages	\$ 750.00
3 days @ \$125.00/day room & board	\$ 375.00

Jack Logan - Sample preparation (drying, seiving & pulverizing)

4 days @ \$400.00/day wages	\$ 1,600.00
4 days @ \$125.00/day room & board	\$ 500.00

Aaron Doyle - Sample preparation (drying, seiving & pulverizing)

1 day @ \$400.00/day wages	\$ 400.00
1 day @ \$125.00/day room & board	\$ 125.00

\$ 5,700.00

Geochemical

Jack Logan - XRF analysis

2 days @ \$400.00/day wages	\$ 800.00
2 days @ \$125.00/day room & board	\$ 250.00

XRF Analysis

7 rock samples @ \$10.00 / reading x 4 readings	\$ 280.00
76 soil samples @ \$10.00 / reading x 4 readings	\$ 3,040.00

\$ 4,370.00

Miscellaneous Expenditures

Aaron Doyle - Camp Manager

3 days @ \$100.00/day wages	\$ 300.00
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Quad rental

3 days @ \$25.00/day	\$ 75.00
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Hand held communications (Hand held radios)

3 days @ \$25.00/day x 2	\$ 150.00
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Total Misc. Expenditures \$ 525.00

Barker Minerals Ltd.

Work was completed between August 31, 2012 to April 15, 2013

Geological - Rock Sampling & Prospecting on the Spanish Creek Property

Mobe & Demobe

Brian Hall

1 day @ \$125.00/day wages	\$ 125.00
1 day @ \$125.00/day vehicle & gas	\$ 125.00

Jack Logan

2 days @ \$200.00/day wages	\$ 400.00
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Total Mobe & Demobe **\$ 650.00**

Planning, Supervising & Report Preparation

Louis Doyle

3 days @ \$600.00/day wages	\$ 1,800.00
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\$ 1,800.00

Map Drafting

Aaron Doyle

2 days @ \$400.00/day wages	\$ 800.00
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\$ 800.00

Data Preparation

Jack Logan - XRF analysis

1 day @ \$400.00/day wages	\$ 400.00
1 day @ \$125.00/day room & board	\$ 125.00

\$ 525.00

Total Geological Expenditures \$ 5,700.00

Total Geochemical Expenditures \$ 4,370.00

Total Misc. Expenditures - Supplies, etc. \$ 525.00

Total Mobe & Demobe \$ 650.00

Total Planning, Supervising & Report Preparation \$ 1,800.00

Total Map Drafting \$ 800.00

Total Data Preparation \$ 525.00

Total Expenditures \$ 14,370.00