



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE: PROSPECTING AND SAMPLING REPORT on the SILVER DOLLAR PROPERTY

TOTAL COST: \$ 23,726.95

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YEAR OF WORK: 2014

PROPERTY NAME: Silver Dollar

CLAIM NAMES (on which work was done):

597183, 974390, 1010633, 989803, 404910, 526441, 973569

COMMODITIES SOUGHT: Gold, Silver, Base Metals

MINFILE NUMBERS: 082KNW001

MINING DIVISION: Revelstoke Mining District

NTS / BCGS: NTS 82K/13E (82K.072)

LATITUDE: Latitude 50°46'53"N/Longitude 117°36'32"W

UTM: East: 458000, North: 5624000, Zone 11N

OWNER(S): Happy Creek Minerals Ltd. (FMC 203169)

MAILING ADDRESS: #460 – 789 West Pender St.; Vancouver, B.C.; V6C 1H2

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Summary of cost

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
PERSONNEL			
Prospecting, field works	6 days, 20sq km	597183, 974390, 1010633, 989803, 404910, 526441, 973569	\$4,950.00
OFFICE STUDIES			
Report preparation, GIS, database, literature,	19 days	597183, 974390, 1010633, 989803, 404910, 526441, 973569	\$12,350.00
GEOCHEMICAL SURVEY			
Rock, soil samples-assays and petrographic	55 samples	597183, 974390, 1010633, 989803, 404910, 526441, 973569	\$1,323.95
TRANSPORTATION			
Truck rental. ATV, fuel	Project time		\$1,326.00
ACCOMMODATION- FOOD			
Hotel, meals	2 X 6 days		\$1,320.00
MISCELLANEOUS			
Communications - radios, cell, satellite phone/airtime	Project time		\$300
Total Expenditures			\$21,569.95
Management @ 10%			\$2,157.00
Total Cost			\$23,726.95

GEOLOGY AND GEOCHEMICAL REPORT

on the

SILVER DOLLAR PROPERTY

Event # 5535204

Revelstoke Mining District

British Columbia

Map Sheet: NTS 82K/13E (82K.072)

UTM East: 458000

UTM North: 5624000

UTM Zone 11N

Latitude 50°46'53"N/Longitude 117°36'32"W

for

HAPPY CREEK MINERALS LTD.

#460 – 789 West Pender Street

Vancouver, B.C.

V6C 1H2

by

Sassan Liaghat, PhD.

David Blann, P.Eng.

February 2015

SUMMARY

The Silver Dollar property is located approximately 45 kilometers southeast of Revelstoke and 15 kilometers north-northeast of the community of Trout Lake, British Columbia. The property consists of 34 contiguous mineral claims in the Revelstoke Mining District that cover a total area of approximately 4325.5 hectares. The property is within the historical Camborne gold-silver mining camp and there is good access and infrastructure.

The Silver Dollar claims are situated within Lower Paleozoic rocks of the Kootenay Arc and are primarily underlain by northwest-southeast trending metasedimentary rocks of the Lardeau Group, Broadview Formation. Locally metavolcanic rocks of the Jowett Formation occur on the property. The Silver Dollar claims cover a portion of the 40 km long Camborne fault system, a key locus of mineral deposits in the district.

The property covers a number of historical high-grade, past-producing gold-silver-lead-zinc mines and developed prospects dating from around the 1890's. The property has seen sporadic exploration, underground mining and development into the 1980's. Historical surface exploration included geology, geochemical surveys, limited trenching and drilling. More recently, geological mapping and sampling was conducted between 2006 and 2009. After acquiring the property in 2012, Happy Creek Minerals conducted a Lidar topographic survey, a Heli-GT, three axis magnetic gradient and spectrometer survey, as well as prospecting, geological investigations and collecting rock samples for analysis.

During 2014, geological prospecting and sampling at both the Windflower and Silver Dollar areas provided more information about petrology and geochemical distributions of precious metals in proximity to the Camborne Fault. Wide spread sampling of quartz vein material within and outside the Camborne Fault envelope was completed. Of 55 analyses samples, some sample have returned positive geochemical results, including gold and silver values associated with elevated copper, lead and zinc values. Four rock samples, returned geochemically positive silver values, including 6.17 ppm Ag and 49 ppm Ag from adjacent the Goldfinch and Gillman prospects, respectively. Three samples returned copper values in excess of 50 ppm (including 4480 ppm Cu), and six samples returned zinc values in excess of 100ppm (including 17.7 % Zn). One of the silt samples returned 836 ppm zinc. Rock samples from the Gillman prospect returned values of 0.13% lead and 8.29 g/t gold.

Previous and current geological prospecting and sampling confirm precious and base metal deposits in this area occur along the Camborne fault, although several new areas adjacent to it show potential for additional mineralized zones to occur. On the Silver Dollar property and nearby prospects, there appears to be two styles of mineralization; a base metal-silver vein and replacement, and a dominantly gold-silver- pyrite hosted type, respectively. This may reflect either two stages of mineralization or a telescoping of a single hydrothermal event. Preliminary alteration study of the mineralized rock samples indicate graphite, chlorite, ankerite, calcite, silicification are present.

The 2012 airborne survey shows elevated potassium occurs along the Camborne fault in proximity to the Gilman, Silver Dollar and Beatrice prospects, but also displays a much broader envelope. Several new areas returned geochemically positive values of base and precious metals within this envelope. The length and potential depth extent of the mineralized Camborne structure, along with a potentially wide alteration envelope, is thought to reflect potential for larger scale mineral deposits beneath the depth of exploration to date. Based on the relatively high value of the mineralized zones that are known to occur, exploring for large deposits of these types is warranted.

It is recommended that a thorough compilation of historical data, detailed geology, structural, lithological and alteration studies be performed. PIMA alteration mapping and geophysical surveys such as ZTEM, gravity or deep induced polarization would be of potential value to assist geological interpretation. Drilling to test numerous targets at various depths will be required.

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1 Location, Access, Infrastructure and Physiography

The Silver Dollar property is located approximately 45 kilometers southeast of Revelstoke and 15 kilometers north-northeast of the community of Trout Lake, British Columbia (Fig. 1). The property is immediately east of the historic mining town of Camborne on the Incomappleux River. The Incomappleux River flows into the northeast arm of Upper Arrow Lake.

The claims are accessible via Highway 31 from the Galena Bay ferry on Upper Arrow Lake. From the ferry landing, it is 18 km to the Beaton/Camborne junction, then an additional 18.5 km through the area once occupied by the historic mining town of Camborne. From this point, the property may be accessed by a variety of logging and historic mine access trails. Access along these trails is most easily achieved using all-terrain vehicles. The summer exploration season is typically between late May and late November.

The claim group is situated within rugged terrain. Most of the valley bottom areas are covered with glacial overburden, vegetation and talus. Much of the property consists of heavily timbered and logged-over slopes with some rock bluffs and with more open alpine areas at higher elevations. Most of the rock outcrop is covered by a heavy layer of moss, making prospecting and geological mapping a slow process. The Silver Dollar claims are bisected and incised by Mohawk Creek, a northwest flowing tributary of the Incomappleux River. Elevations vary from 900 m above sea level, along Mohawk Creek at the north end of the property to 2580 m above sea level in the southeastern portion of the property.

2 Claim Status

The Silver Dollar property comprises 34 contiguous mineral claims that cover a total area of approximately 4325.5 ha (Fig. 2). The property includes a large area surrounding the former producer (Windflower claims) at the north end of the Silver Dollar claims. The claims are centered at 458000 East and 5624000 North, UTM zone 11N on NTS map sheet NTS 82K/13E (82K.072) in the Revelstoke Mining District (Fig. 1). All claims are recorded as 100% owned by Happy Creek Minerals Ltd. (Table 1, Fig. 2). The claims have not been legally surveyed. Although most historical crown grants have reverted, several small survey parcels or lots still exist within the claims that according to Gator Land Titles have only surface rights attached and are owned by the crown. The Beatrice

prospect has two crown grants that may be privately valid, however, it remains unknown if more than surface rights are held.

3 Exploration and Development History

The historic Camborne mining camp dates to the early 1900's with the discovery of gold mineralization on the historic Eva and Iron Dollar claims. Between 1900 and the mid 1920's work was focused on the Eva mine which produced 543.9 kilograms of gold and 165.5 kilograms silver from 88,763 tonnes of mined material (BC Government MINFILE 082KNW066). There are a number of historical precious and base metal showings. These include the Spider (Sunshine Lardeau), Mohawk, Wheelbarrow, Homestake, Gillman, Mountain Boy, Silver Dollar, Iron Dollar, Beatrice and Rainy Day. The showings have seen varying amounts of exploration and development work mainly up to around 1986, however exploration effectiveness was affected as most of the crown grants were held by numerous private owners.

Windflower Property:

In 1976, Eaton Mining drilled the Goldfinch claims with mixed results.

In 1979, a shipment of ore from the Goldfinch claims was sent to the Trail smelter. This shipment assayed 0.15 oz. gold per ton and 0.35 oz. silver per ton.

In 1980, another shipment was sent to Trail. This shipment assayed 316 oz. gold per ton. The main properties of interest in the area are, from northwest to south east:

Burniere Group -N.W. of Windflower on the upper slopes of Mount McKinnon; work consisted of pits and trenches.

Nelson Group -part of the Windflower property on the middle slopes of Mount McKinnon; work consisted of a pits trenches and a short adit.

Independence Group -part of the Windflower property on the lower slopes of Mount Comaplix; work consisted of pits, trenches and a short adit.

Goldfinch Group -part of the main Windflower property on the lower slopes of Mount Comaplix; work consisted of pits, trenches, two adits (600 feet), a Riblet aerial tramway and ten stamp mill; Production was produced at 1,450 tons at 0.46 oz gold and 0.12 oz silver.

Eva Group – on the east side of the Incomappleux River valley on the lower slopes of Lexington Mountain; work consisted of pits, trenches, 9 adits (5,570 feet), a Riblet aerial tramway and a 10 stamp mill; production was recorded at 31,656 tons at 0.21 oz gold.

The Spider Mine (Sunshine Lardeau) is located between the Silver Dollar and Windflower prospects. Between the discovery of the occurrence in 1910 and mine closure in 1958, 371 kg gold, 53,451 kg silver, 85 tonnes copper, 10,845 tonnes lead, 11,519 tonnes zinc, 65 tonnes cadmium and 4 tonnes antimony were recovered from 124,436 tonnes of milled ore. Five veins were traced to vertical depths of 270 m. The Beatrice Mine is located on crown grants within mineral tenures 549488 and 546441. The precious metal – bearing polymetallic showing was discovered in 1897. Between 1899 and 1984 the reported production from the mine included 618 tonnes of ore producing 558 grams gold, 1,832 kg silver, 182,939 kilograms lead and 10,894 kilograms zinc (BC MINFILE 082KNW040).

Of the various precious metal showings located on the Silver Dollar claims, the area encompassing the Gillman, Silver Dollar and Iron Dollar occurrences has seen the most exploration and development. The Silver Dollar vein was accessed by two connected adits developed 15.0 meters apart vertically. In 1947, Silver Pass Development Syndicate processed 6 tonnes of ore and recovered 9,860 grams silver, 1,378 kilograms lead and 1009 kilograms zinc. Between 1952 and 1957, Monterey Mining Company Limited completed a 590-meter exploration diamond drilling program and carried out 197 meters of underground development work. In 1974, Resoursex Ltd. completed a very limited geological program to assess the various quartz veins for further work. Two samples from existing trenches were collected at that time, both returning low gold and silver values (Allen, 1974).

In 1983, B and B Mining (Canada) Limited completed a trenching program to remove overburden 170 m of the Gillman vein. The vein was then sampled with gold assays confirming historical assays (1.64 to 1.84 ounces/ton gold) (Sampson, 1983). The remaining showings located in the Gillman area have received minor exploration work and development.

In 1984, Fleck Resources Ltd. carried out a diamond drilling and sampling program on the property. The most significant drill intersection at the Silver Dollar prospect included 2.10 meters

grading 229 g/t silver, 1.0 g/t gold, 10.95 % zinc, 4.04% lead and 0.29% copper (BC MINFILE 082KNW101). Another hole at the Gilman returned 0.70 metres of 38.0 g/t gold, and much of the core remains un-sampled. Exploration effort within the area of the Gillman – Silver Dollar and Iron Dollar has focused on trying to trace the various quartz veins on surface, primarily through trenching and soil sampling.

In 2006, 2008 and 2009, Manson Creek Resources Limited completed three limited geological evaluations on the Silver Dollar property. In 2008, a new showing was located at the southern end of the property called the Jack pot where samples returned positive lead, zinc, silver and trace gold.

In 2012 on the Silver Dollar property, Happy Creek Minerals conducted a Lidar topographic survey and 345.5 km of Heli-GT, three axis magnetic gradient and spectrometer survey. The Company also completed a geological evaluation on the Silver Dollar, Gillman and Wheelbarrow areas, visiting some showings and collecting 38 rock samples for analysis (Liaghat, S. and Blann, D., 2012). This work was first to describe indium values associated with the lead-zinc-silver mineralization.

A summary of historical exploration work is presented in Table 2 and Fig 3.

4 Geological Setting

The following regional and property geology description is after Church, and Jones 1998, Chernish, 2009, and from prospecting performed by the Company during 2012 and 2014.

4.1 Regional Geology

The Camborne camp in general and the Silver Dollar claims in particular, are hosted within rocks of the Kootenay Arc, early Paleozoic to Mesozoic in age and sedimentary, volcanic and metamorphic in composition. The Kootenay Arc is bordered to the east by the Windermere-Purcell anticlinorium. The Monashee and Shushwap metamorphic complexes bound the western and northwestern margins of the terrane. The Kootenay Arc is the locus of a significant change in structural style from up-right folds in the Purcell anticlinorium to coaxially folded westward – verging isoclinal folds within the Kootenay Arc (Fyles, 1964). Metasedimentary rocks of the Lardeau Group underlie the majority of the Silver Dollar claims (Fig. 4). The Lardeau comprises a lower calcareous section overlain by phyllitic schists, quartzites and lenticular greenstone formations. The Jowett Formation is a greenstone unit consisting of volcanic breccias and pillow lavas altered locally to chlorite schist. The

Jowett Formation is intercalated upwards with the Broadview Formation. The predominant lithology of the Broadview Formation is grey green, gritty quartz wacke or subarkosic wacke with inter-beds of grey to black or green slate or phyllite. Two important bands of quartzite, within the Broadview Formation, are an exceedingly hard, compact, dark blue rock invaded extensively by numerous quartz stringers.

Many batholiths and arrays of small stocks cut older, deformed stratigraphic units throughout the Kootenay Arc. The Kuskanax and Nelson batholiths, apparently middle or late Jurassic in age, are predominantly granite and granodiorite in composition although diorite, monzonite and syenite occur locally. The Nelson batholith and related granitic stocks may have been controlled by antecedent structures. Medium-size plutons and small stocks of fresh granite, monzonite and syenite, Cretaceous and Tertiary in age, also occur.

4.2 Property Geology

The property is located in the northern end of the Kootenay Arc. The general area is part of the Selkirk Allocthon -a large east directed thrust slice between the Upper Arrow Lake and the Rocky Mountain Trench. The Selkirk Allocthon contains rocks of ancient North American affinity in its east part and rocks of the suspect Kootenay Terrane of the old "Kootenay Arc" in its west part. The Menhinick Creek area is underlain by rocks of the Lardeau Group which are the oldest stratigraphic unit of the Kootenay Terrane.

The Lardeau group ranges in age from Lower Cambrian to Upper Devonian or even Lower Mississippian. It is subdivided into three main formations, the Index Formation -a black slate at the base, overlain by the Jowett Formation -a largely chloritic greenstone, metatuff and other pyroclastic rocks, overlain by the Broadview Formation -a fine grained clastic unit composed mainly of phyllite and grit with minor dolomitic horizons.

The Incomappleux River cuts through several regional NW trending upright folds that appear to result from NE -SW compression by the Galena Bay and Kuskanax Plutons to the SW and the Battle Range Batholith to the NE. These plutons are mid -Jurassic in age and the bulk of first order folds visible in the area are interpreted to be of that age.

The rocks in the northern part of the Silver Dollar property, in the vicinity of the Windflower prospect is part of the Incomappleux River are in the west limb of the Silver Cup Antiform, an overturned to the west, tight to isoclinal fold with a NE dipping axial surface. The rocks on the property are grouped into two units:

1 -a series of silver to grey to dark grey gritty phyllite with local carbonaceous seams and layers of carbonate -sericite rock.

2 -medium green, non-bedded to streaky phyllite greenstone with dark green clasts and local silicic pebbles of pyroclasts.

The major deformation appears to have been mid-Jurassic. The mineralized zones appear to have accompanied the last phase of folding. The main ore zone at the Windflower appears to be in an axial plane shear.

The main ore zone is in the shape of a pod or lens. The vein terminates with abrupt pinch outs. The vein consists of quartz with minor disseminated siderite pods. The veins are mineralized with 5 to 30% pyrite and minor chalcopyrite, galena and sphalerite. Gold is generally associated with the pyrite mineralization. Visible gold is rare but present throughout the vein.

The central and southern portion of the Silver Dollar claims are situated within Lower Paleozoic rocks of the Kootenay Arc and are primarily underlain by northwest -southeast trending metasedimentary rocks of the Lardeau Group, Broadview Formation. Black slates, carbonaceous schist, grey and reddish-brown weathering grits and quartzite and greenish grey talcose schist underlie the property. Locally metavolcanic rocks of the Jowett Formation occur near the north end of the property. The metasedimentary succession typically displays a northwest – southeasterly strike of 140° and dips between 50° and 80°, averaging 65° to the northeast. The lithological sequence has been folded such that dip angles show considerable variation. Joint planes are locally developed within the stratigraphic succession and oriented perpendicular to regional strike, and dip 40° to 80° to the northwest.

The Silver Dollar claims cover a broad shear zone called the Camborne fault. The regional trend of the Camborne fault is between 140° and 160° azimuth and dips on the order of 50° to the northeast. The various quartz veins on the property are developed parallel, or sub-parallel to the fault. The foliation observed generally parallels this trend as well. The developed quartz veins proximal to

this fault appear to be on the order of 0.5 to approximately 3.0 metres in width and display boudinage. Quartz veins and stringers also occur some distance from the main fault. Within this broad shear zone, the numerous quartz veins are commonly associated with graphite – chlorite schist partings. A number of the quartz veins host significant concentrations of precious and base metals.

Where observed, the Broadview Formation sequence is dominated by black, grey to green-grey phyllite and psammite, locally graphitic. Bedding is on the centimeter to metre scale, and bedding is generally quite recognizable. Minor quartz veining, ± iron carbonate, is common parallel to bedding parallel foliation.

The airborne geophysical data combined with 2012 Lidar topography survey shows a good correlation with the Camborne fault. The Camborne fault is a key structure for mineralization and most of the mines and showings on the Silver Dollar property lie along or adjacent the fault.

5 Mineralization

The following descriptions of mineralization in the area are excerpted and modified from Chernish, R., 2009. Assessment Report and Church, B.N., Jones, L.D., 1998. Some new information obtained from prospecting and geological observation performed by Happy Creek Minerals during 2012 and 2014 are added.

Mineralization on the Silver Dollar property is related to the Camborne shear zone, which is host to quartz veins, a number of which contain significant concentrations of base precious and base metals. These veins vary from several centimeters to several meters in width. The quartz veins, developed as discrete veins and en-echelon sets, are commonly associated with graphite – chlorite schist, or contain fine laminae of these shear related minerals. The quartz veins can be described as open-space filling in zones of intense fracturing, and wall rock alteration, visible in hand samples, have been described as limited. Precious and base metal mineralization occurs both within the quartz veins and the along the vein selvages. Locally massive sulphide zones appear to have replacement character where abundant carbonate occurs. Ankerite is present. Sulphide minerals observed include, in order of deposition at the neighbouring Barclay vein (MINFILE 082KNW049) ankerite, quartz, pyrite, sphalerite, chalcopyrite, and fine to coarse grained galena. Argentiferous tetrahedrite and arsenopyrite also occur locally. Native silver and sometimes argentite, polybasite, ruby silver, stephanite and

electrum occur (Church and Jones, 1998). Gold is present in small quantities and is rarely seen as native gold or electrum. It is suggested that the carbon in the phyllite has assisted in the precipitation of gold contained in the mineral-bearing solutions as the highest grade of gold occurs around the carbonaceous inclusions (Church, and Jones 1998). Chernish (2006) notes an association between gold, pyrite and minor graphitic lamina and silver mineralization that is broadly associated with tetrahedrite and galena.

Spider Mine: The first discovery of ore in this area was made in 1910 on the Spider claim. Development work continued until 1949 during which there were small intermittent shipments of hand-sorted ore. Sunshine Lardeau Mines Ltd. acquired the property and initiated a diamond drilling program which discovered Nos. 4 and 5 veins in 1950. A crosscut was driven to the veins on No. 5 level and No. 6 adit was extended to intersect No. 4 vein. A mill was installed in the old Meridian building on Pool Creek in May 1952. Concentrates were transported by truck to Beaton and thence by the Arrow Lakes barge to the rail-head at Nakusp and from there to smelters in the United States. Berens River Mines Ltd. provided additional funding to gain control of operations and, in 1953, No. 10 adit was driven. In 1956 the company was liquidated and operations passed to Newmont Mining Corp. Mining and milling operations were suspended on May 14th, 1958. Total production to the end of 1958 was 371 kilograms of gold, 53,481 kilograms of silver, 85 tonnes of copper, 10,845 tonnes of lead, 11,519 tonnes of zinc, 60 tonnes of cadmium and 4 tonnes of antimony from 128,063 tonnes of ore. The mine is underlain by southeasterly striking, steeply dipping volcanic and sedimentary rocks of the Lower Paleozoic Lardeau Group. Sedimentary rocks of the Broadview Formation include medium grey to greenish quartzites, greywackes, carbonaceous phyllites and quartz sericite schist. The volcanic rocks of the Jowett Formation comprise massive fragmental lenses and lava flows, some chlorite schist and a few thin beds of banded iron formation. In the fragmental units, extreme elongation of the clasts, caused by synkinematic metamorphism, has imparted a crude secondary layering subparallel to the primary stratification.

Gillman Deposit: Located 10 kilometres southeast of Camborne and on the north side of the East fork of Mohawk Creek, the prospect is at 1800 metres elevation. The area is underlain by metasedimentary rocks of the Lower Paleozoic Lardeau Group, which includes medium grey to greenish quartzite, greywackes, carbonaceous phyllite and quartz sericite schist. A northwest striking, east dipping quartz vein, 2 metres wide, cuts the metasediment. The vein contains galena, pyrite and sphalerite. A sample assayed 109 grams per tonne silver and 124 grams per tonne gold (Annual Report 1914, page 263). In 1933, a tonne of ore returned 62 grams of silver, 62 grams of gold, 22

kilograms of lead and 23 kilograms of zinc. A drill hole in 1986 returned 0.70 metres of 38.0 g/t gold, however much of the core remains un-sampled.

Silver Dollar Vein: The Silver Dollar vein was accessed by two connected adits developed 15.0 meters apart vertically. In 1947 Silver Pass Development Syndicate processed 6 tonnes of ore and recover 9,860 grams silver, 1,378 kilograms lead and 1009 kilograms zinc. Between 1952 and 1957 Monteray Mining Company Limited completed a 590 meter exploration diamond drilling program and carried out 197 meters of underground development work. In 1984 Fleck Resources Ltd. carried out a diamond drilling and sampling program on the property. The most significant drill intersection included 2.10 meters grading 229 g /1 silver, 1.0 g /1 gold, 10.95 % zinc, 4.04% lead and 0.29% copper (BC MINFILE 082KNW101).

Goldfinch Deposit: The main ore zone is in the shape of pod or lens. The vein terminates with abrupt pinch outs. The vein consists of quartz with minor disseminated siderite pods. The veins are mineralized with 5 to 30% pyrite and minor chalcopyrite, galena and sphalerite. Gold is generally associated with the pyrite mineralization. Visible gold is rare but present throughout the vein. (Granges Exploration Ltd, 1988, Report 17929).

Diamond drilling on the Windflower project collectively over the 1985, 1986 and 1987 seasons indicated a strong gold-bearing vein structure over a strike length of 400 metres. The mineralization is open to the north at depth. Diamond drilling outlined a potential gold deposit containing a preliminary estimated ore reserve of 169,800 tonnes at a grade of 7.2 grams. During November 1987 the decision was made to conduct a program of underground exploration, to examine the drill intersections reported in surface diamond drilling and to substantiate the ore reserve potential (Granges Exploration Ltd, 1988, Report 17929).

During 2012 Happy Creek Minerals performed geological prospecting and rock sampling on the Silver Dollar, Gillman and Wheelbarrow deposits. Sample analyses have returned encouraging assay results including high gold and silver values associated with elevated to substantial copper, lead and zinc values. Locally positive indium values up to 4.89 g/t also occur. Of 38 rock samples, 12 returned silver values in excess of 200 g/t (including 4496 and 2219 g/t Ag) and four samples returned gold values in excess of 35 g/t (including 50.3 and 40.7 g/t Au). The data suggests a rough correlation between silver and gold values. A 1.8 metre chip across the Silver Dollar vein returned 16.8% zinc, 3.92% lead, 1.67 g/t Au and 241 g/t silver.

6 Sampling and Analytical Procedures

Rock samples were collected from both float boulders and outcrop that displayed alteration and/or mineralization. The primary area of interest on the property was a region of historic showings and trenches. Rock samples were cleaned to avoid weathered surfaces or organic material and to best represent the mineralization and/or alteration for that location. Sample types were recorded on the sample booklet and a field book. The extent of weathering was noted if fresh samples were unavailable. Rock sample size varied depending on whether a float or outcrop sample was taken. On average approximately 4 kilograms of rock was collected from each sample location. Sample bags were labeled with the corresponding sample ID numbers from the sample booklets. The sample ID tag was also inserted into the sample bag prior to sealing. The field sampling site was labeled with the sample ID number. Descriptions of each rock sample were recorded in the sample booklets.

Silt Samples were collected from sediment of creeks in the properties. Headwater of those drainage are considered to evaluate the source of materials. The samples were dried at 60°C and sieved through minus 80 mesh. The resulting 100 g samples were dried again at 60°C and analyzed. Similar to the rock sampling procedure, sample bags were labeled with the corresponding sample ID numbers, and the site was labeled with the sample ID number. Position of each silt sample were recorded in the sample booklets.

The samples were shipped to AGAT Laboratories Ltd. of Vancouver, BC. The rock samples were crushed in their entirety to 80% passing -10 mesh (2 millimetres) and the crusher was cleaned with barren rock between samples. From the coarse rejects a sub-sample of 250 grams was pulverized to 85% passing -200 mesh (0.074 millimetres). The pulveriser was cleaned with silica sand between samples. Analysis was performed using an aqua regia solution to digest the sample, followed by ICP+ ICP-MS finish. Over limit base metals were re-analyzed by assay AA, and gold and silver were fire assayed. AGAT's quality system is compliant with the International Organization for Standardization's ISO/IEC 17025, 'General Requirements for the Competence of Testing and Calibration Laboratories' and the ISO 9000 series of Quality Management standards.

7 Geochemistry Results and Discussion

Between September 26th and 30th, 2014 Happy Creek Minerals performed a geological evaluation and sampling at the Windflower and Silver Dollar-Gillman areas. The prospecting program was focused on two groups of mineral tenures 597183, 974390, 1010633, 989803 and 404910, 526441, 973569, to the north and south, respectively (Fig. 5). In total 52 rocks and 3 silt samples were collected and submitted for assay.

Rock and silt samples locations, sample type, description and analytical results are listed in Tables 3 and 4 respectively. A sample location overview for both Windflower and Silver Dollar areas is provided in Figure 5. Figures 6 and 7 show sample locations labeled with ID numbers. Figures 6a to 6e and 7a to 7e demonstrate Au, Ag, Cu, Pb and Zn assay results for Windflower and Silver Dollar properties, respectively. Assay Results are listed in Appendix 1 and Certificates of analyses are provided in Appendix 2.

The Windflower area claims are located in northern portion of the property surrounding the Goldfinch developed prospect claims. Abundant outcrop of grey phyllite with inter beds of argillaceous shale occur (Photo 1). The strike of the foliation ranges from 110° to 150° with dips about 70° NE to sub vertical. Locally abundant white quartz veins and locally vein breccia cut through the unit, and strike parallel to the rock foliation (Photo 2). In some areas, quartz veins are strongly folded and brecciated. The veins range from centimeters to about half a meter width.

In the Windflower area, 44 rock samples and 2 silt samples were collected (Fig. 6). Most of rock samples were chipped from outcrops that occur close to the existing logging road trails (Photo 1). Outcrop chip samples, in general were taken from quartz veins and associated phyllite host rock (Photo 3). Phyllite contains fine grained mica, and thinly bedded to streaky in texture, mostly with a high angle dip to the NE. Locally, outcrop is argillaceous phyllite with an intensely folded structure.

Most rock samples collected from the Windflower area returned no gold or precious metal values (Table 3, Appendix 1). Silver ranges between 0.04 to 0.14 ppm, and gold about detection limit (0.005 ppm). Lead returned not in excess of 80 ppm and zinc to about 100 ppm (Figs. 6a to 6e).

Three rock samples (SD14-26, 27, 28, Table 3, Fig. 6) were collected from south of Menhinich Creek, in west side of the property. The samples grabbed from historical trench and dump pile of blasted rocks (Photo 4). The samples are heavily graphitic and rusty, quartz veins with fractures and banding structures containing soft black graphite. Rocks are strongly brecciated and fractured. The

maximum assay value result returned 0.16 ppm silver and 108 ppm zinc (Figs 6a to 6e). This area is underlain by black graphitic shale and greenstone phyllite. Rusty quartz vein and fracture fillings are dominant in blasted boulders. The black shale is well exposed along the steep sided incised trench. The black shale is strongly foliated at 120°-150° with dips variable from sub vertical to slightly NE.

A traverse in the northern portion of the Windflower area revealed phyllite and quartz veins that are more brecciated and moderate to strongly silicified. Some rock in this area returned relatively higher, zinc, lead, silver and gold content. For example, sample SD14-3: 0.46 ppm Ag, 0.082 ppm Au; sample SD14-40: 2.22 ppm Ag, 0.071 ppm Au; and sample SD14-37: 50.9 ppm Cu, 113 ppm Zn (Figs. 6a to 6e).

One grab sample (SD 14-39) from the Goldfinch site (Photo 5) returned 6.17 ppm Ag, 2.42 ppm Au, 13.1 ppm Cu, 219 ppm Pb and 102 ppm Zn (Figures 6a to 6e). This sample contains quartz with massive and veins and stringers of pyrite, dark colored sulphide veins and minor sphalerite, chalcopyrite and galena. Argillite, graphite, limonite, silica and carbonate are secondary alteration minerals in the phyllite host rock and appear similar to other veins in the district.

One rock (SD14-40) and two silt samples (SD14-41, 42) were collected from Scott Creek in the north part of the property (Fig. 6). The Creek flows from higher elevation in the north-west and passes close to the Lost Cup Au-Ag showing at north end of Windflower Property. One rock sample returned 0.071 g/t gold and 2.22 ppm Ag. (Table 3). Stream sediment samples contain fragments of quartz vein, phyllite-schist and glacial till. Silt sample SD14-42 (Table 4) returned 0.24 ppm Ag, 0.012 ppm Au, 46.9 ppm Pb, 39.3 ppm Cu and 106 ppm Zn (Figs. 6a-6e).

Near the Silver Dollar and Gilman prospect, eight rock and one silt sample were collected (Fig. 7) and sent for analyses (Tables 3 and 4, Appendix 1). In this area several old mining sites were visited (Photo 6) and rock sample grabs taken from the Gillman Mine and an ore dump pile located in Camborne believed to be from the Spider or other mine in the camp. Sample number SD14-54 from the Gillman ore deposit (Photo 7) returned 49 ppm silver, 8.29g/t gold, 0.13% lead and 552 ppm zinc (Figs. 7a to 7e). The sample is medium grey to greenish quartzite, greywacke, carbonaceous phyllite and quartz sericite schist. The vein contains galena, pyrite and sphalerite.

The sample (SD14-55) is from an old mining dump pile at Camborne and returned 81 ppm Ag,

12.4 g/t Au, 0.44% Cu, 2.34% Pb and 17.7% Zn (Table 3, Figs. 7a to 7e). The sample is medium grey to greenish phyllite and quartz sericite schist. The rock strongly brecciated and fractured and host for graphitic rusted quartz veins. The vein contains chalcopyrite, pyrite and sphalerite. The physical characteristics and geochemical analyses of this material appears consistent with numerous other developed prospects and showings in the region.

The 1980 soil sampling programme on south west of Beatrice mine by Graf, C. 1980 (Report #8491 on HAWK Claim) showed a weakly anomalous zone of gold values, up to 125 ppb. The area has been considered for re-evaluation, and some outcrops were visited during 2014 and six rock samples (SD14-47 to SD14-52) collected. The area covers a portion of a regional trend of rocks which contain numerous significant gold occurrences. The prospecting work located several quartz veins and areas of rusty outcrop of black graphitic schist, chlorite schist and green-stone. Some rusty gossans were also observed in the area. The rock samples in general returned low values, not in excess of 0.08 ppm for silver, <0.05 ppm for gold, 19.6 ppm for copper, 25.2 ppm for lead and 78.8 ppm for zinc. One sample (SD14-50) obtained from strongly iron oxidized outcrop (Photo 8) returned 567 ppm zinc and 16.9 ppm lead respectively (Figs 7a to 7e). It is thought that this area hosts potential for additional base and associated precious metal zones.

One silt sample (Sd14-53, Table 4) on the Silver Dollar area was collected from a creek to the west of the Beatrice mine camp. The creek drains east from higher elevations to the west side of the property. Sediment grains contain fragments of quartz veins, phyllite, schist and glacial till. The assay of this sample returned 0.76 ppm Ag, 105 ppm Cu, 232 ppm Pb, 836 ppm Zn and trace Au (Figs 7a to 7e). This sample is thought to be highly anomalous for base metals and further follow-up work is recommended.

8 Conclusions and Recommendations

The Silver Dollar property consists of 34 contiguous mineral claims that cover a total area of approximately 4325.5 hectares, and located southeast of Revelstoke, B.C., Canada. The property is within the historical Camborne gold-silver mining camp with excellent access and infrastructure. The Silver Dollar property covers approximately nine kilometres of the Camborne fault, a key structure for mineralization in this area, and host to numerous past-producing gold-silver and base metal mines and developed prospects. Most of gold-silver-lead-zinc prospects on the Silver Dollar property lie along the Camborne fault, although it is thought that there is potential for other sub-adjacent prospects to occur.

The property has historically received widespread surface exploration and some historical mining activity.

The 2014 geological prospecting and sampling in both the Windflower and Silver Dollar areas have provided further information about the petrology and geochemical distributions of base and precious metals in the area. Of 55 samples collected in 2014, some have returned encouraging assay results, including gold and silver values associated with elevated to substantial copper, lead and zinc values. Four rock samples, returned elevated silver values, including 6.17 ppm Ag from near the Goldfinch deposit and 49 ppm Ag from the Gillman deposit. Three rock samples returned copper values in excess of 50 ppm and up to 4480 ppm Cu, and six rock samples returned zinc values in excess of 100ppm and up to 17.7 % Zn. One silt sample returned 836 ppm zinc. Assays from the Gillman deposit returned 550 ppm zinc, 0.13% lead and 8.29 g/t gold, 41.3 g/t silver.

Previous and current geological, prospecting and sampling programs confirm the presence of precious and base metal deposits in this area, especially along the 40 km Camborne fault. The size of this structure implies potential for a great depth extent. It is thought that there are two hydrothermal and mineralizing events, or possibly telescoping of a single event controlled by doubly verging asymmetrical and isoclinal folds and trusts (Colpron et al, 1998, Fig. 8). Base metal-silver vein and replacement style and pyrite-gold-silver, respectively. Although many samples of quartz veins have returned low values, several areas adjacent or sub-parallel the central Camborne fault have provided encouraging results in outcrop and stream sediments that are thought to be an opportunity to discover additional mineralization. On the Silver Dollar property, Happy Creek's 2012 airborne radiometric survey identified positive potassium in proximity to the Camborne fault and the Gilman, Silver Dollar and Beatrice prospects. In addition there is a much broader envelope of potassium. It is not clear whether the potassium reflects hydrothermal alteration. Recent exploration by Taranis Resources immediately to the south of the Silver Dollar property has confirmed that new gold-silver and base metal deposits can be found. A thorough understanding of the structural, lithological and hydrothermal alteration controls of the various mineralized zones is required to effectively target the deposits and much drilling is anticipated. The length and potential depth extent of the Camborne fault and the numerous mineralized zones suggest potential for large scale mineral deposits to occur, with tectonic modification. It is recommended that further exploration consist of a thorough compilation of historical data, detailed structural and geological mapping, petrographic and alteration studies, trenching and drilling.

Respectfully Submitted,

"Sassan Liaghat"

Sassan Liaghat. Ph.D

"David Blann"

David Blann, P.Eng.

9 Statement of Costs

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days	Days	Rate	Subtotal*	
Sassan Liaghat, PhD. Geologist	Sept 25-30	6	\$650.00	\$3,900.00	
Ken Stern, Geological assistant	Sept 25-30	6	\$175.00	\$1,050.00	
				\$4,950.00	\$4,950.00
Office Studies	List Personnel				
Literature search	David Blann, P.Eng	2.0	\$650.00	\$1,300.00	
Database compilation	Sassan Liaghat, PhD, Geologist	5.0	\$650.00	\$3,250.00	
Computer modelling- GIS	Sassan Liaghat GIS	3.0	\$650.00	\$1,950.00	
Report preparation	Sassan Liaghat, PhD, Geologist	4.0	\$650.00	\$2,600.00	
Report preparation	David Blann, P.Eng	4.0	\$650.00	\$2,600.00	
Other (specify)	Rock sample descr/ magnetic sus	1.0	\$650.00	\$650.00	
				\$12,350.00	\$12,350.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Stream sediment					
Soil		3.0	\$19.25	\$57.75	
Rock	Agat Labs	52.0	\$24.35	\$1,266.20	
				\$1,323.95	\$1,323.95
Transportation		No.	Rate	Subtotal	
truck rental	Happy Creek	4.00	\$110.00	\$440.00	
kilometers		960.00	\$0.35	\$336.00	
ATV		6.00	\$50.00	\$300.00	
fuel				\$250.00	
Other					
				\$1,326.00	\$1,326.00
Accommodation & Food	Rates per day				
Hotel -Trout Lake	2 X 6 days	12.00	\$80.00	\$960.00	

Camp			\$0.00	\$0.00	
Meals		12.00	\$30.00	\$360.00	
				\$1,320.00	\$1,320.00
Miscellaneous					
Telephone	Cell phone/ Satellite phone/wk	1.00	\$300.00	\$300.00	
Other (Specify)	field supplies				
				\$300.00	\$300.00
Freight, rock samples	Included in truck				
TOTAL Expenditures					\$21,569.95
	management @ 10%				\$2,157.00
				Total	\$23,726.95

9. References

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- Sampson, C.J. 1983. Report on Geological Mapping and Trenching, Gillman Gold Property L4496, L4497, L4498, L2495, L7061, L7062 for B and B Mining (Canada) Limited.

11 Statement of Qualifications

I, Sassan Liaghat, Ph.D, of Coquitlam, British Columbia, do hereby certify:

That I am a senior geologist with an office at #460 - 789 West Pender Street, Vancouver, BC, V6C 1H2.

That I am graduate from the Ecole Polytechnique of Montreal with a Ph. D of Engineering degree in Economic Geology in 1992.

That I am a graduate of the Mineral and Exploration Diploma Program (MINEX) in 1988, and a Master of Science, Economic Geology program in 1989 from McGill University.

That since 1992, I have been involved in research, teaching and mineral exploration activities for base and precious metals in various areas of Canada.

That I have been actively engaged in the mining and mineral exploration industries in British Columbia since 2006.

That, I managed, in part, the 2009, 2010 exploration programs on the Rateria and West Valley properties.

That I am the author or co-author of more than 70 international scientific papers or local reports.

That I have been granted Share options of Happy Creek Minerals Ltd.

Dated in Vancouver, B.C., February 2, 2015

"Sassan Liaghat"

Sassan Liaghat Ph.D.

I, David E. Blann, P.Eng., of Squamish, British Columbia, do hereby certify:

That I am a Professional Engineer registered in the Province of British Columbia since 1990.

That I am a graduate in Geological Engineering from the Montana College of Mineral Science and Technology, Butte, Montana, 1987.

That I am a graduate in Mining Engineering Technology from the B.C. Institute of Technology, 1984.

That I have been actively engaged in the mining and mineral exploration industry since 1984.

That I have reviewed the rock samples obtained from the Silver Dollar property.

Dated in Vancouver, B.C., February 2, 2015

“David Blann”

David E Blann, P.Eng.

Tables

Table 1 Silver Dollar Mineral Claim-Tenure Number 2014

	Tenure Number	Claim Name	Issue Date	Good To Date	Area (ha)
1	404910	GILLMAN'S LODGE	2003/sep/09	2018/dec/31	300
2	509488		2005/mar/23	2017/dec/31	102.243
3	520413	LEAD 2	2005/sep/25	2016/dec/31	40.889
4	520415	SUNSHINE LARDEAU 2	2005/sep/25	2016/dec/31	61.304
5	520466	PIPESTEM	2005/sep/27	2016/dec/31	40.863
6	520479	GOLDDUST	2005/sep/27	2016/dec/31	183.968
7	520481	PRODIGY	2005/sep/27	2016/dec/31	122.623
8	521031	GRAFIC	2005/oct/12	2016/dec/31	81.764
9	526441	O.K.	2006/jan/26	2016/dec/31	40.904
10	526833	RAINY DAY	2006/jan/31	2016/dec/31	81.811
11	526870	JACKPOT	2006/feb/01	2016/dec/31	102.274
12	528107	MOUNTAIN GOAT	2006/feb/12	2016/dec/31	61.37
13	528970	SILVER DOLLAR	2006/feb/25	2016/dec/31	122.662
14	576560	OLD GOAT # 2	2008/feb/18	2017/dec/31	163.6691
15	576561	OLD GOAT	2008/feb/18	2014/dec/31	408.9677
16	597182	GOLDEN GOOSE	2009/jan/09	2015/dec/31	81.6356
17	597183	LARGE TENURE AT 82K.082	2009/jan/09	2016/dec/31	510.3514
18	854581		2011/may/16	2015/dec/31	204.324
19	856057	RUSSKY	2011/jun/01	2016/dec/31	81.83
20	926660	wake up	2011/oct/31	2015/dec/31	81.66
21	926661	edmond	2011/oct/31	2016/dec/31	61.35
22	940010	wake up	2012/jan/05	2015/dec/31	20.42
23	944509	florence	2012/jan/31	2016/dec/31	40.91
24	953717		2012/mar/01	2016/dec/31	61.31
25	973569	SD SW	2012/mar/28	2016/dec/31	204.5391
26	974390	GOOSE 2	2012/mar/29	2015/dec/31	428.7974
27	989803	SILVER DOLLAR	2012/may/24	2014/dec/31	142.8494
29	1010633	Windflower South	2012/july/03	2016/dec/31	367.57
30	1010634	SD New	2012/Jul/03	2015/dec/31	20.43
31	1010635	SD New 2	2012/Jul/03	2015/dec/31	20.43
32	1010701	cap	2012/jul/04	2015/dec/31	20.42
33	1010702	harry	2012/jul/04	2015/dec/31	20.42
34	1031144	SD TRIM	2014/sep/24	2016/spt/24	40.9
				Total	4325.4587

Table 2, SUMMARY OF EXPLORATION HISTORY

The historic Camborne mining camp dates to the early 1900's with the discovery of gold mineralization on the historic Eva and Iron Dollar claims

Between 1900 and the mid 1920's the area centered on the EVA mine produced 543.9 kilograms of gold and 165.5 kilograms silver from 88,763 tonnes of mined material

Between 1899 and 1984 the reported production from the Beatricemine included 558 grams gold, 1832 kg silver, 182,939 kg lead, 10,894 kg zinc from 618 tonnes of ore.

Between the discovery of the Spider mine in 1910 and mine closure in 1958, 371 kg gold, 53,451 kg silver, 85 tonnes copper, 10,845 tonnes lead, 11,519 tonnes zinc, 65 tonnes cadmium and 4 tonnes antimony were recovered from 124,436 tonnes of milled ore.

In 1947, Silver Pass Development Syndicate processed 6 tonnes of ore and recover 9,860 grams silver, 1,378 kilograms lead and 1009 kilograms zinc from Silver Dollar.

Between 1952 and 1957, Monterey Mining Company Limited completed a 590-meter exploration diamond drilling program and carried out 197 meters of underground development work.

In 1974, Resourcex Ltd. completed a very limited geological program to assess the various quartz veins of the Silver Dollar.

In 1983 B and B Mining (Canada) Limited completed a trenching program to remove overburden from a 170 m length of the Gillman vein.

In 1984, Fleck Resources Ltd. carried out a diamond drilling and sampling program on the Silver Dollar property.

In 2006 Manson Creek Resources Limited completed a limited geological evaluation of the Silver Dollar claims.

In 2008 Manson Creek Resources Limited completed a limited geological prospecting program in the Silver Dollar claims.

In 2009, Manson Creek Resources Limited completed a limited prospecting program on the Silver Dollar claims.

In 2012 Happy Creek Minerals conducted a Lidar topographic survey and a Heli-GT, three axis magnetic gradient and spectrometer survey consisting of 345.5 km of data was completed over the Silver Dollar property. The Company also completed a geological evaluation on the Silver Dollar, Gillman and Wheelbarrow areas, visiting some showings and collecting 38 rock samples for analysis.

Table 3: Windflower (WF), Silver Dollar (SD) Rock Samples , 2014						Ag	Au	Cu	Mo	Pb	Zn	Pb-OL	Zn-OL	Ag- GRAV	Au-FA
HCM Sample #	Easting	Northing	Location	Lab Sample #	Sample Description	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
						0.01	0.005	0.1	0.05	0.1	0.5	0.01	0.01	5	0.001
SD14-01	454548	5628944	WF	5636510	Gravel collected from creek bank, about 1mm to 5mm in diameters, quartz grain content is more than 40%.	0.09	<0.005	29.9	1.38	15.3	71.5				
SD14-02	454462	5628875	WF	5636511	Outcrop chip sample from brecciated quartz veins in iron oxidized, silicified phyllite. Phyllite is fine grained mica, thin bedded to streaky, 60 to 80d bedding structure, dip to the NE.	0.15	<0.005	29.5	2.12	26.6	80.8				
SD14-03	454429	5628807	WF	5636512	Outcrop chip samples from two locations: from quartz vein and iron oxidized thin bedded phyllite and from light gray silicified, argillaceous phyllite + quartz vein.	0.08	<0.005	9.7	2.32	16.4	27.2				
SD14-04	454429	5628765	WF	5636513	10m to sw of sample SD14-03, Sample chipped from same outcrop. quartz veins in iron oxidized, silicified phyllite. Thin bedded (60-80d/NE), with intense folding structure locally. Some part of outcrop is more argillaceous phyllite.	0.05	<0.005	8.7	2.27	31.9	24.4				
SD14-05	454373	5628399	WF	5636514	Chip sample from outcrop, several quartz veins, many concordant to phyllite bedding. Sample took from 20 cm thick quartz vein, rusty quartz vein cut reddish (iron oxidized) phyllite.	0.09	<0.005	16.6	1.9	28.9	26.7				
SD14-06	454383	5628405	WF	5636515	Chip sample from SD14-05 outcrop, 10m to the east. Sample from another quartz vein with similar characteristic	0.11	0.008	6.2	2.49	46.1	44.8				
SD14-07	454192	5628439	WF	5636516	Outcrop chip sample from quartz vein and host rock. Several quartz veins with different thickness cut phyllite bedding (50-80d sw). Locally phyllite and quartz veins are brecciated, silicified and sericitized.	0.11	<0.005	5.5	1.17	10.9	18.3				

Table 3: Windflower (WF), Silver Dollar (SD) Rock Samples , 2014						Ag	Au	Cu	Mo	Pb	Zn	Pb-OL	Zn-OL	Ag- GRAV	Au-FA
HCM Sample #	Easting	Northing	Location	Lab Sample #	Sample Description	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
						0.01	0.005	0.1	0.05	0.1	0.5	0.01	0.01	5	0.001
SD14-08	454098	5628357	WF	5636517	Outcrop chip sample from quartz vein and dark red phyllite host rock. Outcrop looks like more fractured. Phyllite bedding is in high angle to south.	0.06	<0.005	11.7	2.78	35	28.7				
SD14-09	453956	5628338	WF	5636518	Outcrop chip sample. gray to medium green-non bedded to streaky phyllitic greenstone with local carbonaceous seams and layers of carbonate-sericite.	0.04	<0.005	8.9	1.03	9.7	25.2				
SD14-10	453900	5628300	WF	5636519	chip sample from 50m to the west of SD14-09. Sample took from rusty phyllite with brecciated, silicified irregular quartz vein. Contact between greenstone and phyllite is broken.	0.15	<0.005	17	1.58	12.8	39.3				
SD14-11	453837	5628055	WF	5636520	Outcrop chip sample. Two parallel quartz veins, about two cm each, concordant to phyllite bedding, rims are iron oxidized staining.	0.08	<0.005	38.4	1.58	12	92.8				
SD14-12	453400	562500	WF	5636521	Chip sample from 50m south west of SD14-11. Fractures in quartz veins and surrounding phyllite-slate rock sericitized and silicified. The quartz veins consist of rusty broken fragments of host rocks.	0.06	<0.005	25.4	1.93	19.3	54.5				
SD14-13	453454	5628601	WF	5636522	Outcrop chip sample. Thin quartz veins and phyllitic greenstone mixed together with extensive iron oxide staining.	0.07	<0.005	12.1	3.03	38.3	34				
SD14-14	453495	5628822	WF	5636523	Outcrop sample chipped from brecciated quartz veins in iron oxidized, silicified phyllite. Phyllite is fine grained mica, thin bedded, 60 to 80d dip to the sw.	0.07	<0.005	7.6	2	25.1	37.6				
SD14-15	453300	5627900	WF	5636524	Outcrop chip sample. Silver to gray schist-phyllite , wavy schistosity, local silicic and calcasious.	0.05	<0.005	28.7	1.61	45.9	77.1				
SD14-16	453350	5627850	WF	5636525	Chip sample from 50m south west of SD14-14, similar characteristics	0.08	<0.005	32.3	1.06	79.5	82.3				

Table 3: Windflower (WF), Silver Dollar (SD) Rock Samples , 2014						Ag	Au	Cu	Mo	Pb	Zn	Pb-OL	Zn-OL	Ag- GRAV	Au-FA
HCM Sample #	Easting	Northing	Location	Lab Sample #	Sample Description	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
						0.01	0.005	0.1	0.05	0.1	0.5	0.01	0.01	5	0.001
SD14-17	453160	5627838	WF	5636526	Outcrop sample contains several chip rocks from, white color quartz vein, argillitic gray phyllite and rusty phyllite with dog tooth quartz veins.	0.04	<0.005	11.6	1.83	13.5	20.6				
SD14-18	452903	5628206	WF	5636527	Outcrop chip sample. Silver to gray schist-phyllite with broken quartz veins, wavy schistosity, local silicification and calcasious.	0.04	<0.005	14.2	1.5	41.2	63.6				
SD14-19	453924	5629244	WF	5636528	Outcrop sample contains several chip rocks from white color quartz vein, argillitic gray phyllite and rusty limy phyllite.	0.09	0.005	14.7	1.23	16.3	52.8				
SD14-20	453900	5629200	WF	5636529	About 25m sw of sample SD14-19, rock chipped from 4cm wide comb-structure quartz filling vein and surrounding phyllite-greenstone rock. The rims of vein are hematized.	0.08	0.006	6.8	0.93	6.4	26.4				
SD14-21	453770	5629092	WF	5636530	Outcrop chip sample. Banding of silicic pebbles, quartz veins and micaceous schist-phyllite. Thin carbonate veins cut through. Iron oxide stained	0.03	<0.005	13.7	2.06	47.2	97.3				
SD14-22	453000	5629397	WF	5636531	Part of the white -well crystalized quartz vein with surrounding rusty phyllite chipped from east side of 50m long outcrop. Bedding structure of outcrop is sub vertical.	0.1	<0.005	38.5	3.02	29.2	35.7				
SD14-23	453050	5629320	WF	5636532	Sample collected from west side of outcrop noted in SD14-22	0.06	<0.005	11.6	2.28	17.8	10				
SD14-24	452351	5628235	WF	5636533	Outcrop chip sample. gray to green-gray phyllite with local carbonaceous seams and layers of carbonate-sericite rock	0.08	<0.005	97.2	1.14	7.4	44.6				
SD14-25	452300	5628200	WF	5636534	sample collected from west side of outcrop noted in SD14-23, has similar description.	0.14	<0.005	44.7	1.71	26.7	94.5				
SD14-26	452404	5629229	WF	5636535	Dark green phyllite with minor graphite and carbonaceous seams and veinlets collected from outcrop.	0.4	<0.005	45.2	2.02	50.6	108				

Table 3: Windflower (WF), Silver Dollar (SD) Rock Samples , 2014						Ag	Au	Cu	Mo	Pb	Zn	Pb-OL	Zn-OL	Ag- GRAV	Au-FA
HCM Sample #	Easting	Northing	Location	Lab Sample #	Sample Description	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
						0.01	0.005	0.1	0.05	0.1	0.5	0.01	0.01	5	0.001
SD14-27	452386	5629276	WF	5636536	Grab sample from old workings dump pile. Graphitic rich quartz veins and phyllite greenstone boulders blasted off vein exposure. Rocks are heavily graphitic and rusty, quartz vein fractures and banding structures contain soft black graphite. Rocks are strongly brecciated and fractured.	0.16	<0.005	31.9	2.19	13.1	67.9				
SD14-28	452376	5629296	WF	5636537	Grab sample from another boulder blasted site of above described old working site.	0.09	<0.005	17.7	2.06	13.3	41.7				
SD14-29	455257	5629568	WF	5636538	White quartz chipped from 6 cm quartz vein in outcrop. Contains schist wall rock with small quartz stringers.	0.1	<0.005	4.1	2.22	25.5	41				
SD14-30	454748	5629965	WF	5636539	Outcrop chip sample. Rusty heavily oxidized and vuggy quartz with broken pieces of mica rich phyllitic schist.	0.22	<0.005	18.4	2.51	38.9	36.3				
SD14-31	454700	5629900	WF	5636540	40m to the east another sample took from similar outcrop of sample SD14-30.	0.15	<0.005	4.8	1.39	46.7	32.5				
SD14-32	454762	5629718	WF	5636541	Outcrop chip sample. Silver to gray schist-phyllite with broken quartz veins, wavy schistosity, local with silicic and calcasious alterations.	0.18	<0.005	13.9	1.58	18.3	30.9				
SD14-33	454383	5630355	WF	5636542	Outcrop chip sample. Rusty qtz in parallel 2 to 5 cm veins interlayer in silicified phyllite schist.	0.09	<0.005	12.9	3.8	51.3	168				
SD14-34	454255	5630630	WF	5636543	Outcrop chip sample. White fine grained quartz vein material with gray micaceous phyllite. Chipped from 40 cm wide vein exposure subparallel to rock bedding.	0.46	0.082	11.4	3.29	13	33.1				
SD14-35	454207	5629932	WF	5636544	Chip sample from outcrop with several rusty quartz veins, mostly concordant to phyllite bedding. Sample across 1.5m vein exposure.	0.07	<0.005	13.6	1.51	3.6	62.6				

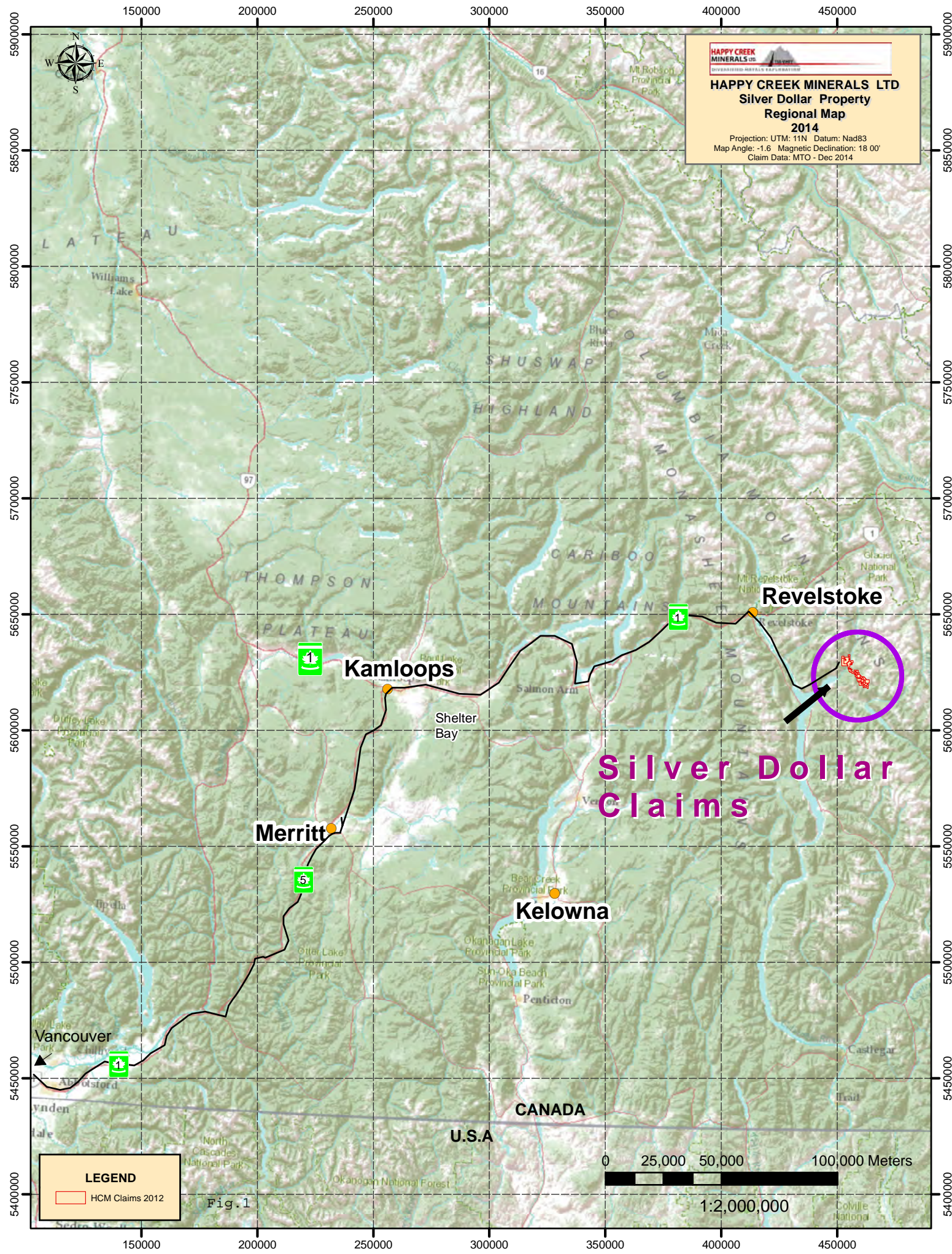
Table 3: Windflower (WF), Silver Dollar (SD) Rock Samples , 2014						Ag	Au	Cu	Mo	Pb	Zn	Pb-OL	Zn-OL	Ag- GRAV	Au-FA
HCM Sample #	Easting	Northing	Location	Lab Sample #	Sample Description	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
						0.01	0.005	0.1	0.05	0.1	0.5	0.01	0.01	5	0.001
SD14-36	454077	5630315	WF	5636545	Chip sample across 1.5m vein exposure. Fractures in quartz veins and surrounding phyllite-slate rock sericitized and silicified. The quartz veins consist of rusty broken fragments of host rocks.	0.04	<0.005	4.1	2.52	6.8	29.6				
SD14-37	453937	5630904	WF	5636546	Outcrop chip sample. gray to medium green-thin bedded to streaky phyllitic greenstone with local carbonaceous seams and layers of carbonate-sericite rock.	0.05	<0.005	50.9	0.7	4.2	113				
SD14-38	453686	5630372	WF	5636547	Chip sample from outcrop with several rusty quartz veins, minor disseminated pyrite in quartz vein and phyllite	0.02	<0.005	9.2	1.87	47	38.4				
SD14-39	453583	5630421	Goldfinch	5636548	Grab samples from Goldfinch old mining site. Qtz with massive pyrite/pyrite veins, pyrite stringer, dark sulphide veins and minor sphalerite, chalcopyrite and galena. Argillite, limonite, sericite silica and carbonate are secondary alteration minerals.	6.17	2.29	13.1	1.16	219	102				2.42
SD14-40	453549	5631075	WF	5636549	Outcrop chip sample. Rusty heavy oxidized and vuggy quartz vein with greenish phyllite. From outcrop along a creek.	2.22	0.071	0.6	1.25	17.2	27.5				
SD14-43	453870	5630714	WF	5636552	Chip sample from outcrop with several quartz veins, many concordant to phyllite bedding. Sample took from few thick quartz veins, white quartz vein cut phyllitic luster argillite.	0.27	<0.005	5.5	3.33	104	11.9				
SD14-44	453648	5631445	WF	5636553	Chip sample from brecciated quartz vein and adjacent dark-rusted phyllite. Structural strike 130, dip-70NE, vein width 5-10cm.	0.08	<0.005	6.4	3.46	2.7	9.8				
SD14-45	455001	5631161	WF	5636554	Outcrop chip sample. gray to medium green, thin bedded to streaky phyllitic greenstone with local hematite seams and layers of carbonate-sericite.	0.06	<0.005	24.9	0.56	1.8	108				

Table 3: Windflower (WF), Silver Dollar (SD) Rock Samples , 2014						Ag	Au	Cu	Mo	Pb	Zn	Pb-OL	Zn-OL	Ag- GRAV	Au-FA
HCM Sample #	Easting	Northing	Location	Lab Sample #	Sample Description	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
						0.01	0.005	0.1	0.05	0.1	0.5	0.01	0.01	5	0.001
SD14-46	454796	5629124	WF	5636555	Outcrop chip sample. Silver to gray schist-phyllite with broken quartz veins, wavy schistosity, local with silicic and calcasious alterations.	0.03	<0.005	5.5	1.44	8.8	42				
SD14-47	460541	5620409	SD	5636556	Chip sample from outcrop with several rusty quartz veins, mostly concordant to phyllite bedding. White fine grained quartz vein material with gray micaceous phyllite. Chipped from 30 cm wide qtz vein exposure subparallel to rock bedding.	0.02	<0.005	3.7	1.51	25.2	65.7				
SD14-48	460578	5620603	SD	5636557	Outcrop chip sample from brecciated quartz veins in iron oxidized, silicified phyllite. Dark phyllite is mainly fine grained mica and thin bedded.	0.01	<0.005	19.6	2.22	2.9	18.7				
SD14-49	460450	5620621	SD	5636558	Outcrop chip sample from dark green phyllite, locally greenstone. Thin quartz veins cut through, brecciated and stained with iron oxides.	<0.01	<0.005	16.1	2.59	3.5	35.6				
SD14-50	460304	5620451	SD	5636559	Sample collected from bloody red color mud (strongly iron oxides rock materials) sourced from weathering of upper hand outcrop.	0.08	<0.005	<0.1	0.79	16.9	567				
SD14-51	460285	5620450	SD	5527605	Chip sample from NW-SE, well bedded phyllite, dip 60 to S, with several rusty quartz veins	0.02	<0.005	9.9	1.47	6.5	79.8				
SD14-52	460255	5620500	SD	5527606	Chip sample, from rusty heavily oxidized and vuggy quartz with broken pieces of mica rich phyllitic schist	0.04	<0.005	8.7	2.04	15.4	74.6				
SD14-54	460000	5621800	Gillman	5527608	Chipper from qtz boulder blasted from Gillman vein. Contains massive pyrite, galena, some graphite layering.	41.3	6.28	24.7	2.24	1290	552			49	8.29

Table 3: Windflower (WF), Silver Dollar (SD) Rock Samples , 2014						Ag	Au	Cu	Mo	Pb	Zn	Pb-OL	Zn-OL	Ag- GRAV	Au-FA
HCM Sample #	Easting	Northing	Location	Lab Sample #	Sample Description	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
						0.01	0.005	0.1	0.05	0.1	0.5	0.01	0.01	5	0.001
SD14-55	454842	5626751	Camborne dump pile	5527609	Grab sample from old workings dump pile at Camborne. Pyrite-chalcocopyrite and graphitic rich quartz veins and phyllite greenstone boulders, blasted off from ore exposure in past mining activities at Teddy Glacier (Goldfinch?) mine. Rocks are variably iron and copper sulfides mineralized and rusted. Quartz veins, fractures and banding structures contain soft black graphite, host for sulfide ore, silver and gold. Rocks are strongly brecciated and fractured.	75.3	11.2	4480	1.38	>10000	>10000	2.34	17.7	81	12.4

Table 4: Windflower (WF), Silver Dollar (SD) Silt Samples , 2014						Ag	Au	Cu	Mo	Pb	Zn	Pb-OL	Zn-OL	Ag- GRAV	Au-FA
HCM Sample #	Easting	Northing	Location	Lab Sample #	Sample Description	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
						0.01	0.005	0.1	0.05	0.1	0.5	0.01	0.01	5	0.001
SD14-41	453559	5631085	WF	5636550	Silt sample collected from a creek sediment, water flowing from the elevation in north-east of area.	0.1	0.005	32.2	0.97	22.2	103				
SD14-42	453569	5631095	WF	5636551	Silt sample collected 15m further upstream sediment	0.24	0.012	39.3	1.31	46.9	106				
SD14-53	460323	5620474	SD	5527607	Silt sample collected from a creek sediment, water flowing from the elevation in west of area. Sediment grains contain fragments of quartz veins, phyllite-schist and glacial till.	0.76	0.006	105	2.18	232	836				

Figures



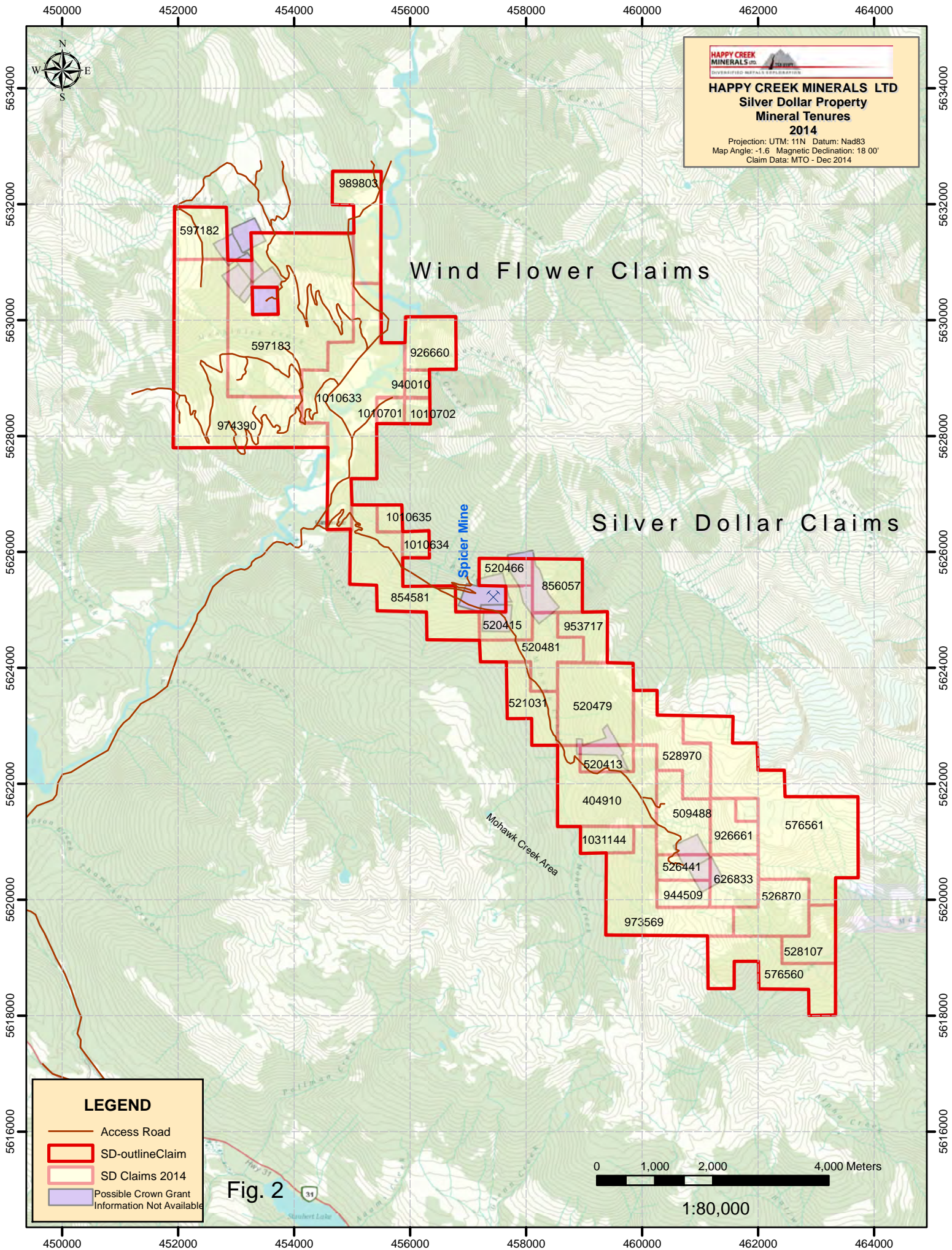
HAPPY CREEK MINERALS LTD
 Silver Dollar Property
 Regional Map
 2014
 Projection: UTM: 11N Datum: Nad83
 Map Angle: -1.6 Magnetic Declination: 18 00'
 Claim Data: MTO - Dec 2014

**Silver Dollar
 Claims**

LEGEND
 HCM Claims 2012

0 25,000 50,000 100,000 Meters
 1:2,000,000

Fig. 1



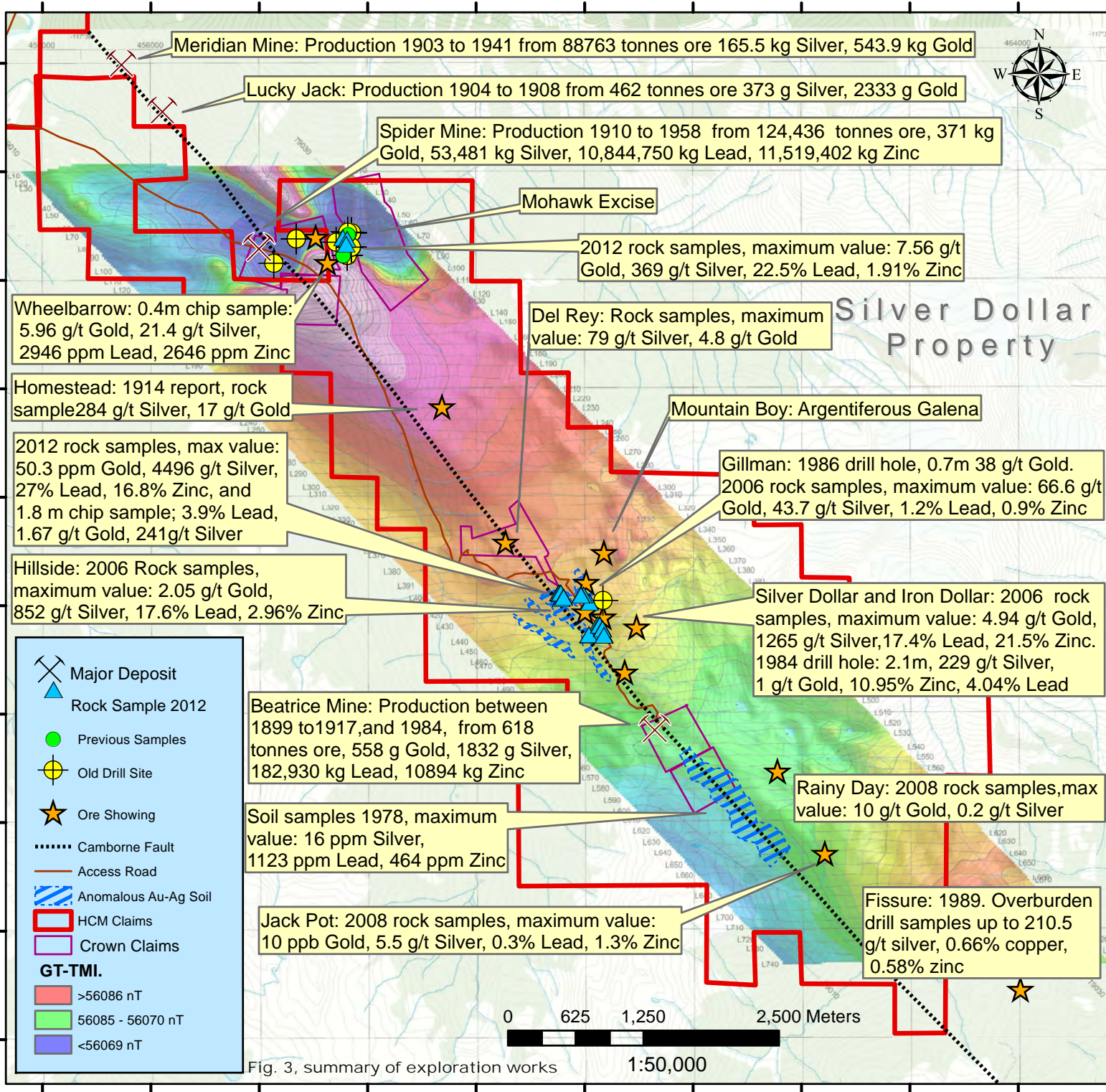


Fig. 3, summary of exploration works

430000 440000 450000 460000

51°00'
118°00'

Major Deposits

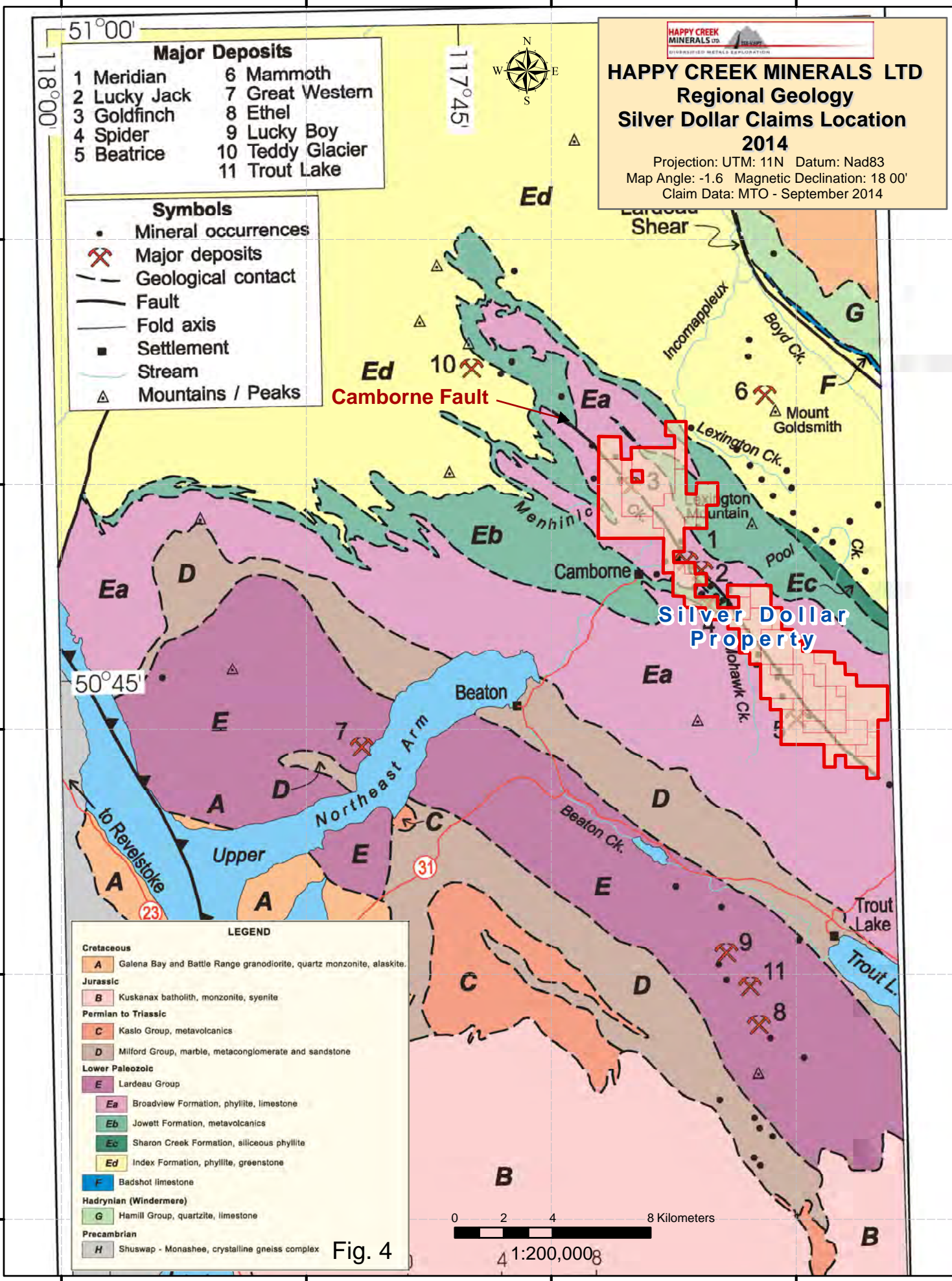
1 Meridian	6 Mammoth
2 Lucky Jack	7 Great Western
3 Goldfinch	8 Ethel
4 Spider	9 Lucky Boy
5 Beatrice	10 Teddy Glacier
	11 Trout Lake

Symbols

- Mineral occurrences
- ⚡ Major deposits
- Geological contact
- Fault
- Fold axis
- Settlement
- ~ Stream
- △ Mountains / Peaks

HAPPY CREEK MINERALS LTD
Regional Geology
Silver Dollar Claims Location
2014

Projection: UTM: 11N Datum: Nad83
Map Angle: -1.6 Magnetic Declination: 18 00'
Claim Data: MTO - September 2014



LEGEND

Cretaceous
A Galena Bay and Battle Range granodiorite, quartz monzonite, alaskite.
Jurassic
B Kuskanax batholith, monzonite, syenite
Permian to Triassic
C Kaslo Group, metovolcanics
D Milford Group, marble, metaconglomerate and sandstone
Lower Paleozoic
E Lardeau Group
Ea Broadview Formation, phyllite, limestone
Eb Jowett Formation, metovolcanics
Ec Sharon Creek Formation, siliceous phyllite
Ed Index Formation, phyllite, greenstone
F Badshot limestone
Hadrynian (Windermere)
G Hamill Group, quartzite, limestone
Precambrian
H Shuswap - Monashee, crystalline gneiss complex

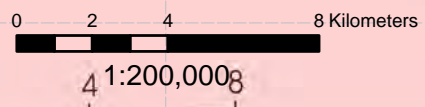
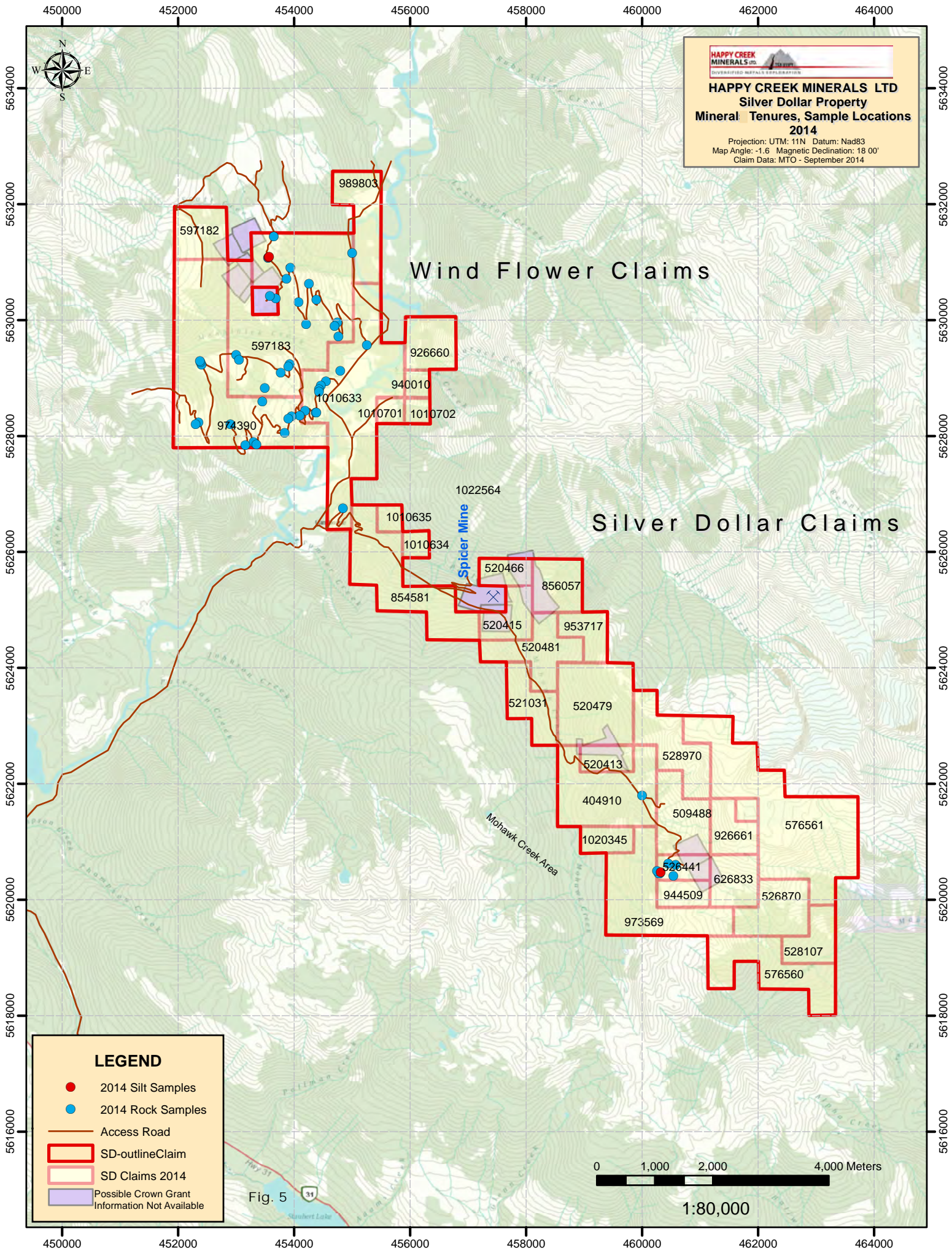


Fig. 4

430000 440000 450000 460000

5640000
5630000
5620000
5610000
5600000

5640000
5630000
5620000
5610000
5600000



HAPPY CREEK MINERALS LTD
 SILVERIFIED METALS EXPLORATION

HAPPY CREEK MINERALS LTD
Silver Dollar Property
Mineral Tenures, Sample Locations
2014

Projection: UTM: 11N Datum: Nad83
 Map Angle: -1.6 Magnetic Declination: 18 00'
 Claim Data: MTO - September 2014

Wind Flower Claims

Silver Dollar Claims

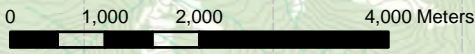
Spicer Mine

Mohawk Creek Area

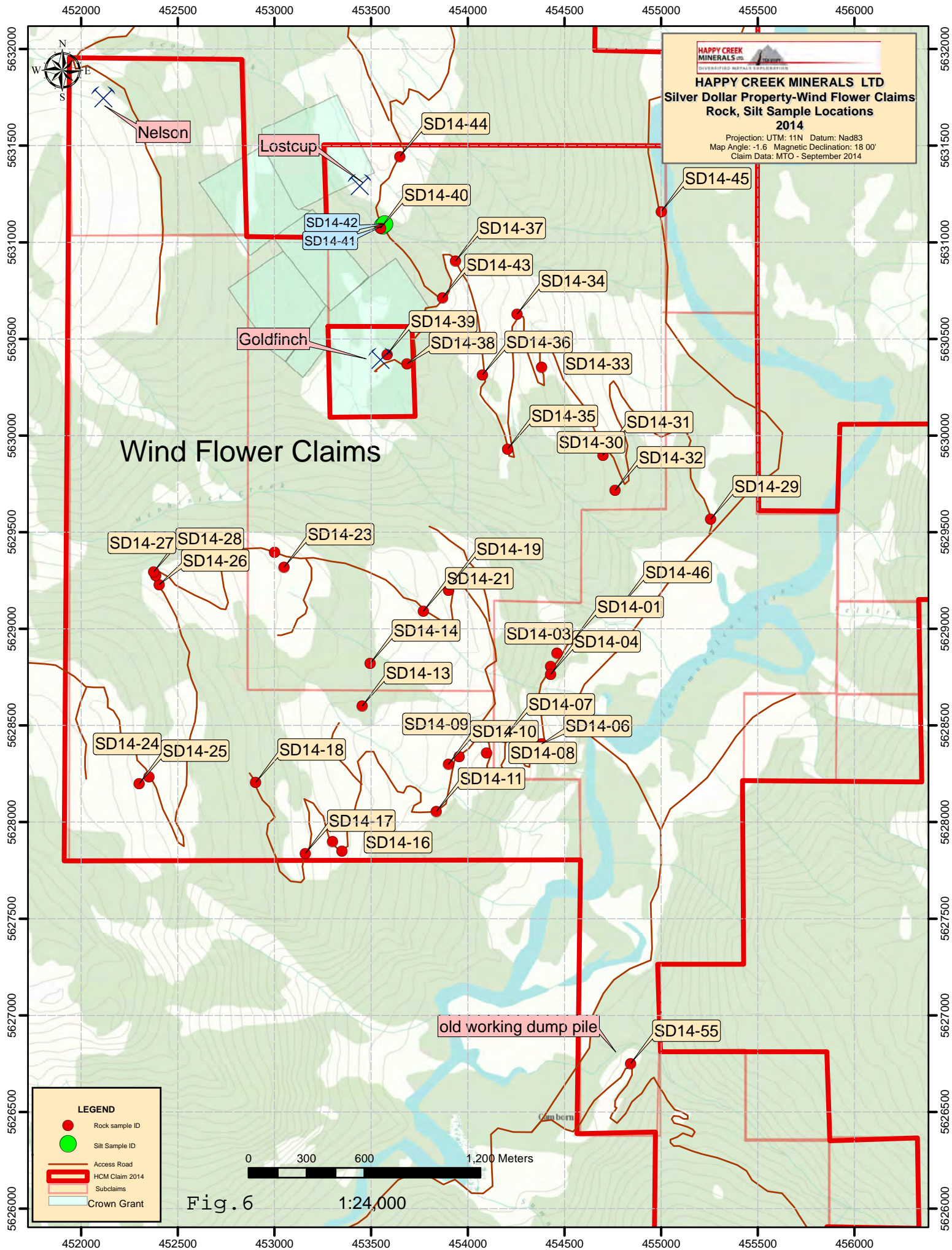
Fig. 5

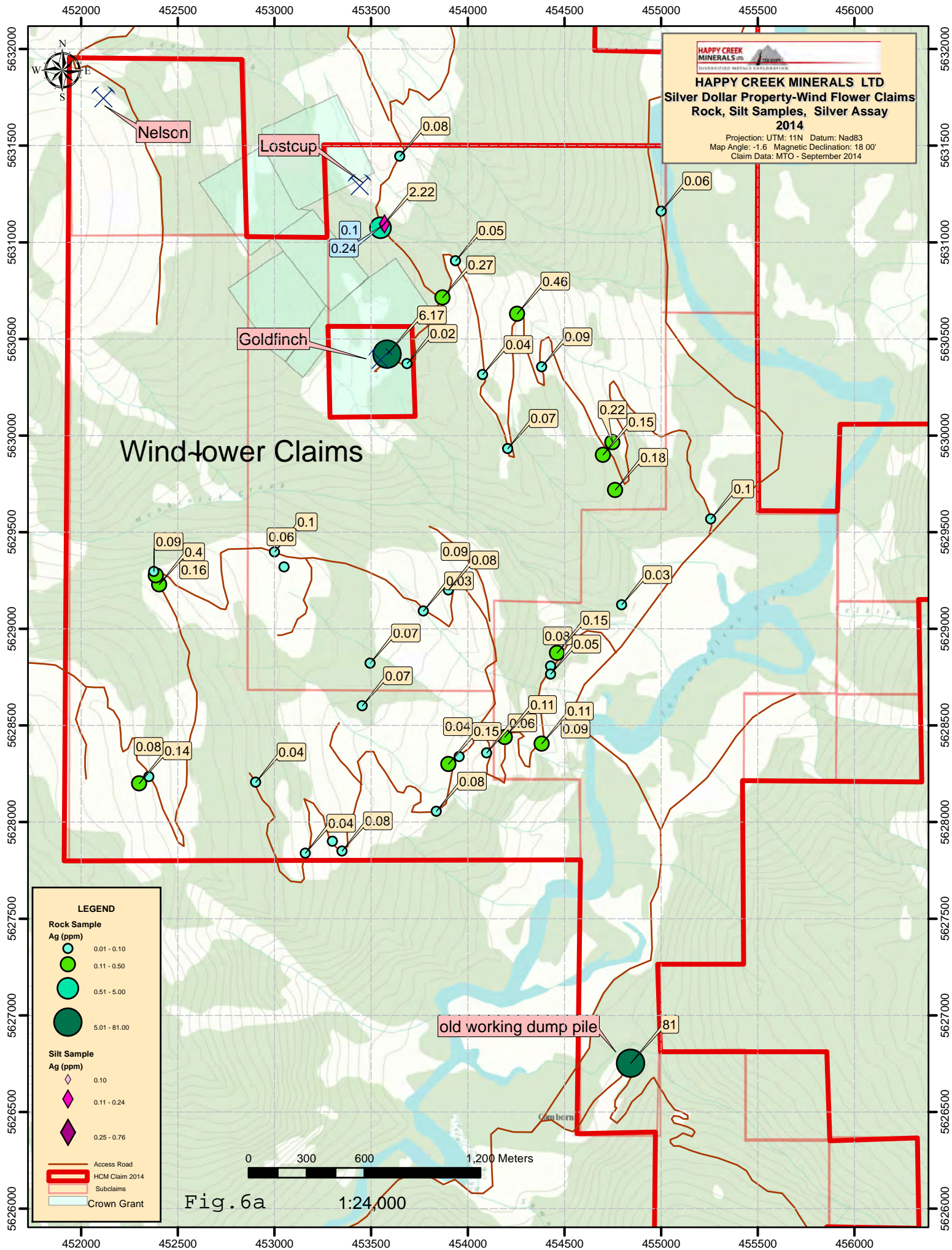
LEGEND

- 2014 Silt Samples
- 2014 Rock Samples
- Access Road
- ▭ SD-outlineClaim
- ▭ SD Claims 2014
- ▭ Possible Crown Grant Information Not Available



1:80,000





Wind-tower Claims

Nelson

Lostcup

Goldfinch

old working dump pile

Cambern

81

0.08

2.22

0.1

0.24

0.05

0.27

0.46

6.17

0.02

0.04

0.09

0.22

0.15

0.18

0.06

0.1

0.09

0.4

0.16

0.1

0.06

0.09

0.08

0.03

0.03

0.07

0.07

0.09

0.15

0.05

0.04

0.15

0.06

0.11

0.11

0.09

0.08

0.14

0.04

0.04

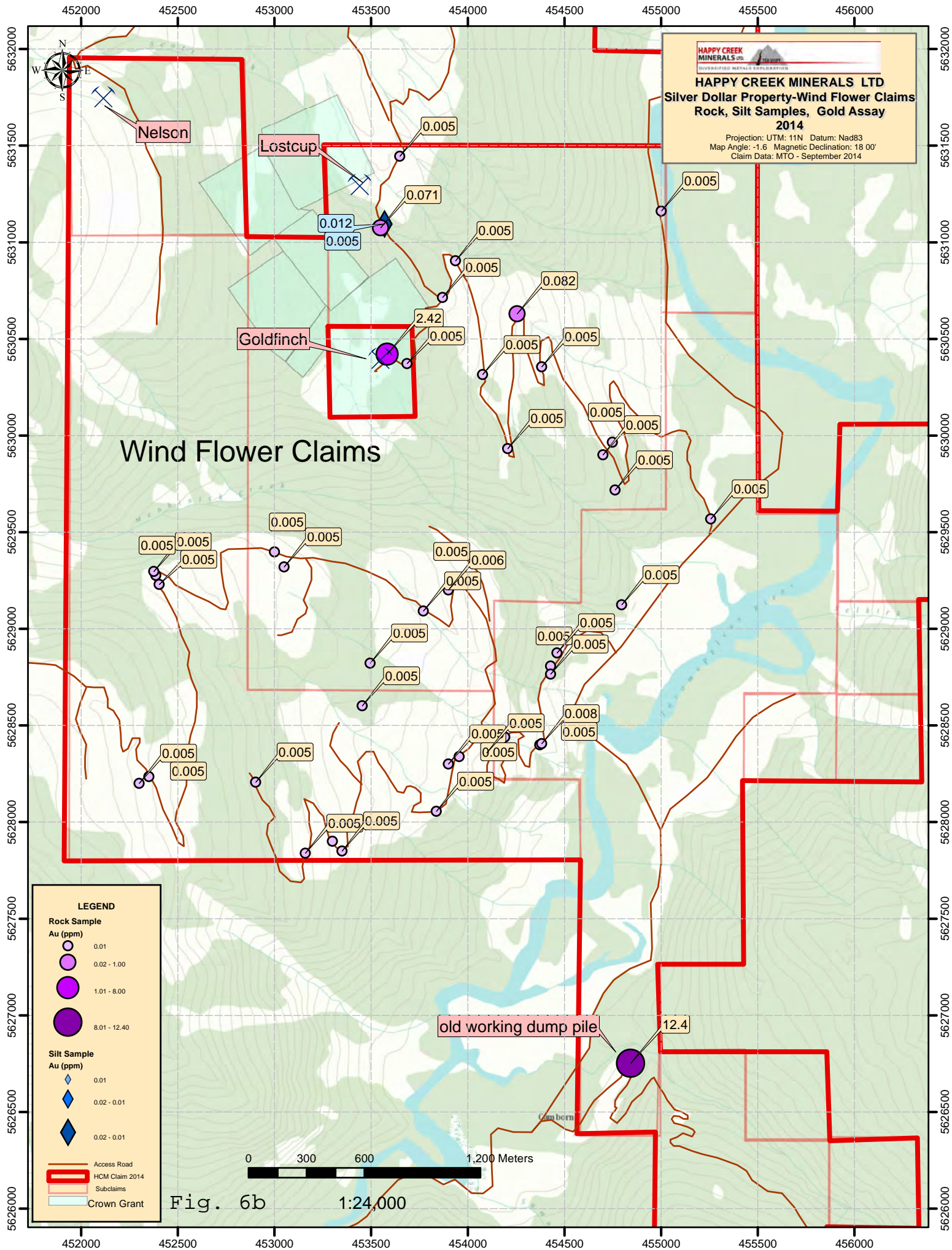
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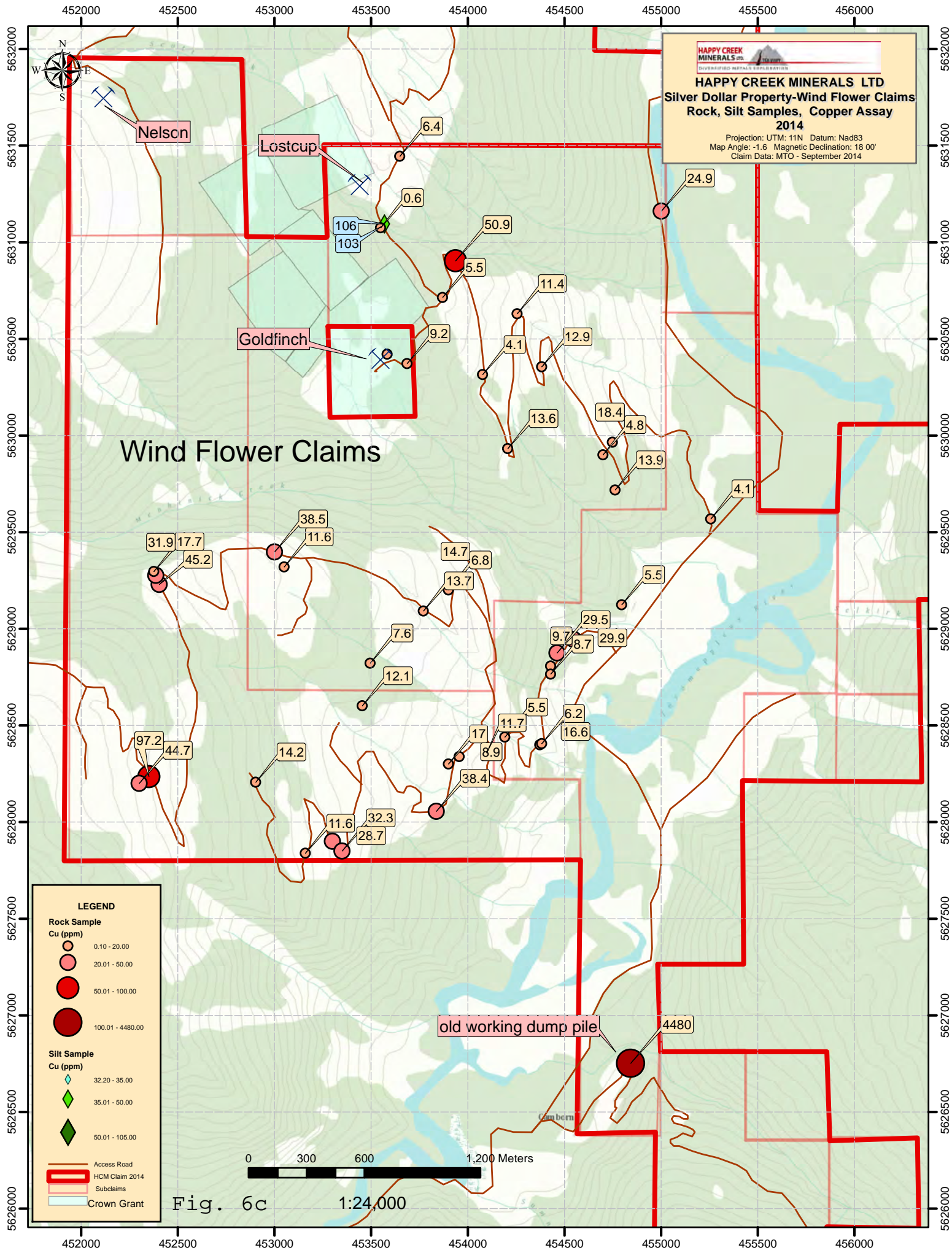
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0.08

0.04

0.08





Wind Flower Claims

Nelson

Lostcup

Goldfinch

old working dump pile

Cambern

31.9

17.7

45.2

38.5

11.6

14.7

6.8

13.7

7.6

12.1

97.2

44.7

14.2

11.6

32.3

28.7

17

8.9

38.4

11.7

5.5

6.2

16.6

29.5

9.7

8.7

29.9

5.5

6.4

0.6

106

103

50.9

5.5

11.4

4.1

12.9

9.2

13.6

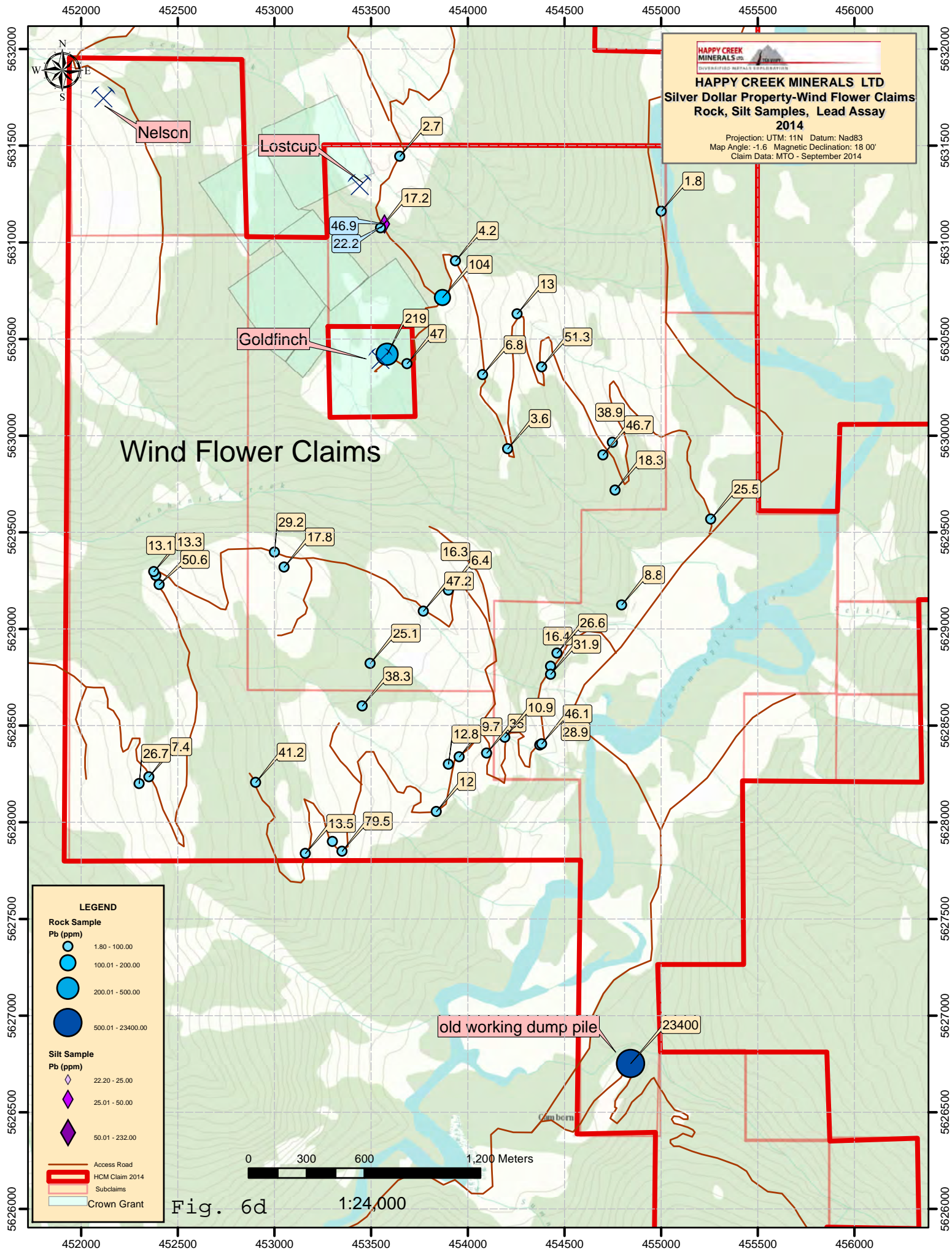
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4.8

13.9

24.9

4.1



HAPPY CREEK MINERALS LTD
 SILVER DOLLAR PROPERTY

HAPPY CREEK MINERALS LTD
Silver Dollar Property-Wind Flower Claims
Rock, Silt Samples, Lead Assay
2014

Projection: UTM: 11N Datum: Nad83
 Map Angle: -1.6 Magnetic Declination: 18 00'
 Claim Data: MTO - September 2014

Wind Flower Claims

Nelson

Lostcup

Goldfinch

old working dump pile

Cambern

1.8

2.7

17.2

46.9

22.2

4.2

104

13

219

47

6.8

51.3

3.6

38.9

46.7

18.3

25.5

13.1

13.3

50.6

29.2

17.8

16.3

6.4

47.2

8.8

25.1

16.4

31.9

38.3

10.9

46.1

28.9

26.7

7.4

41.2

12.8

9.7

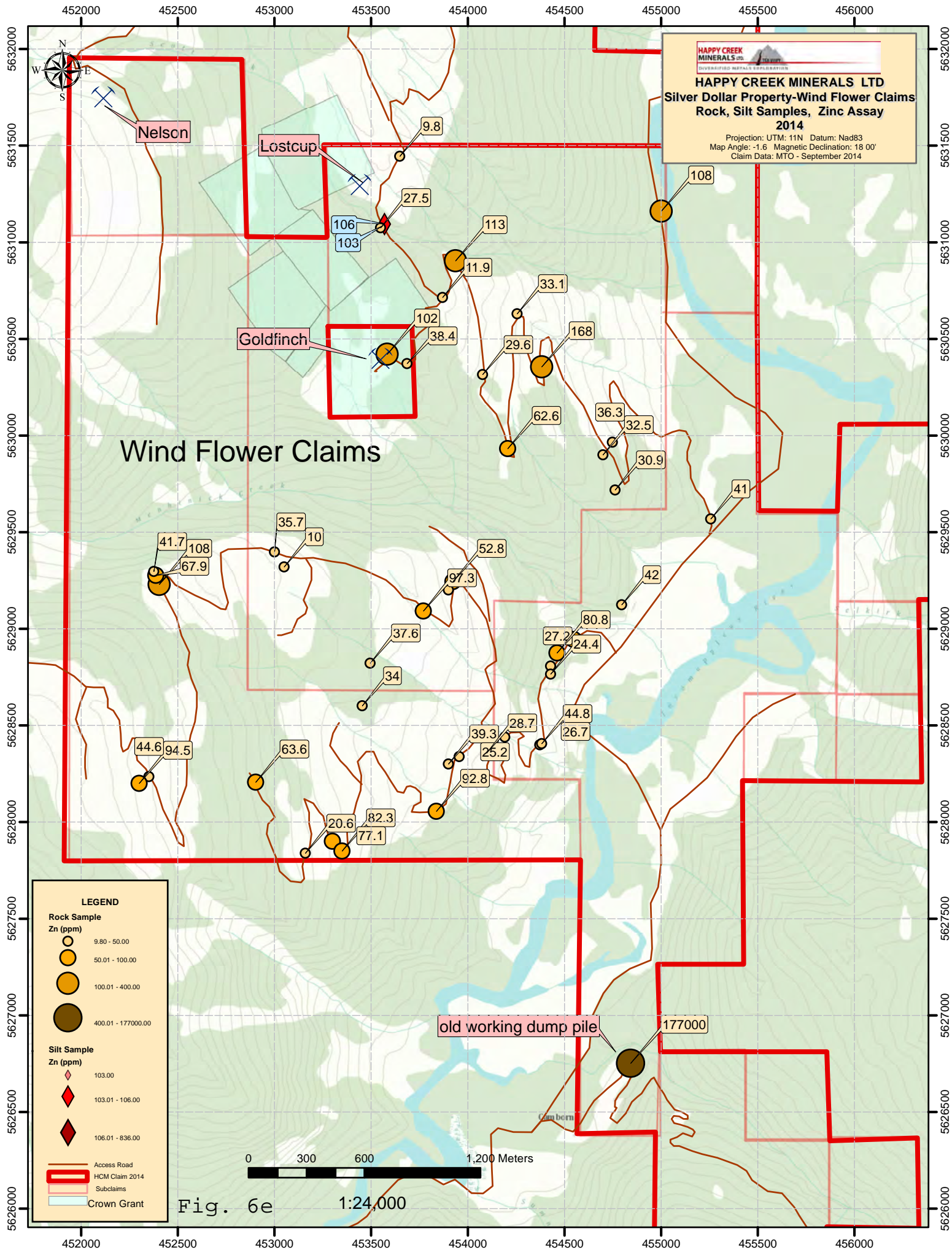
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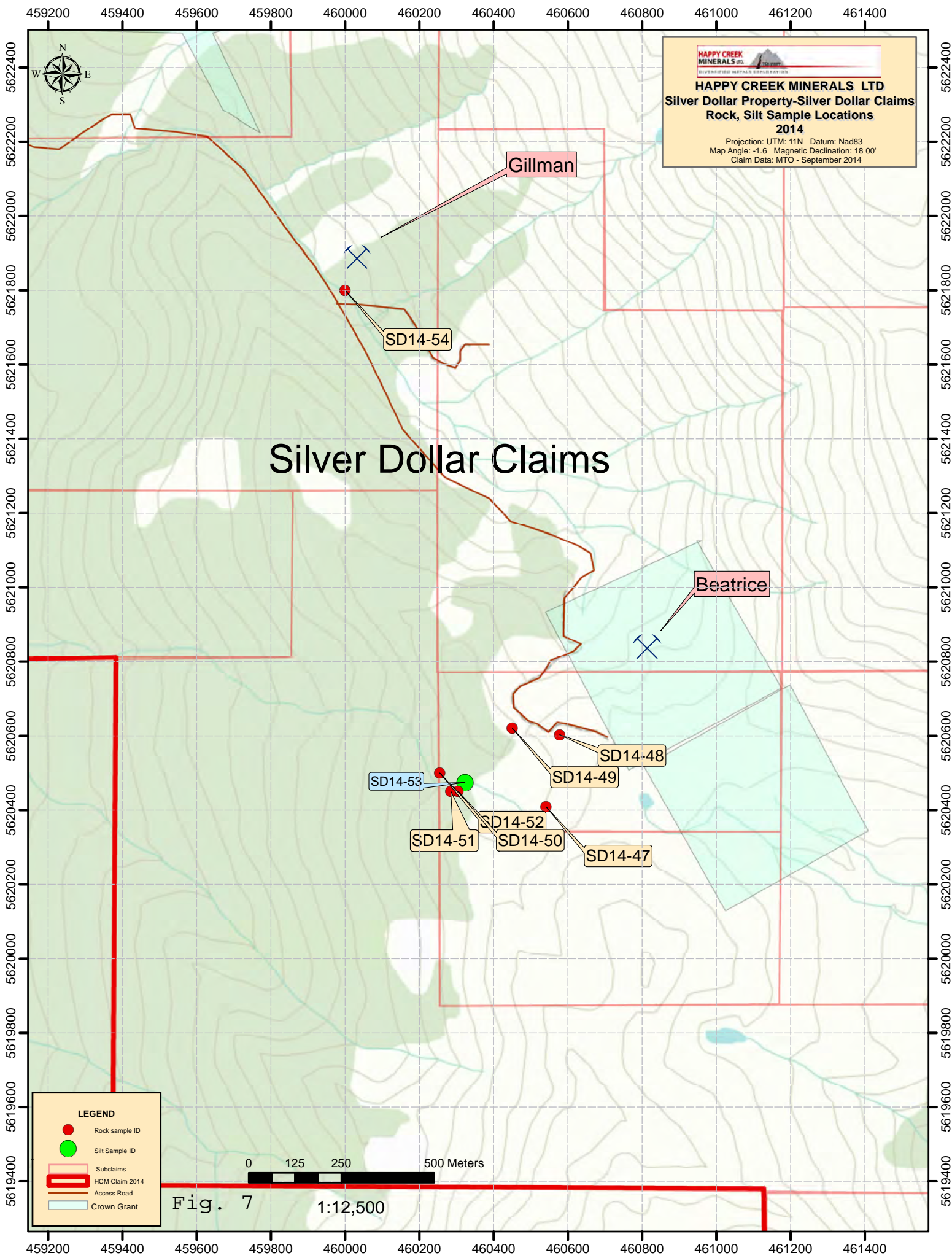
12

13.5

79.5

23400





HAPPY CREEK MINERALS LTD
 Silver Dollar Property-Silver Dollar Claims
 Rock, Silt Sample Locations
 2014

Projection: UTM: 11N Datum: Nad83
 Map Angle: -1.6 Magnetic Declination: 18 00'
 Claim Data: MTO - September 2014

Silver Dollar Claims

LEGEND

- Rock sample ID
- Silt Sample ID
- Subclaims
- HCM Claim 2014
- Access Road
- Crown Grant

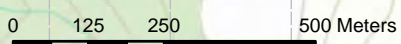
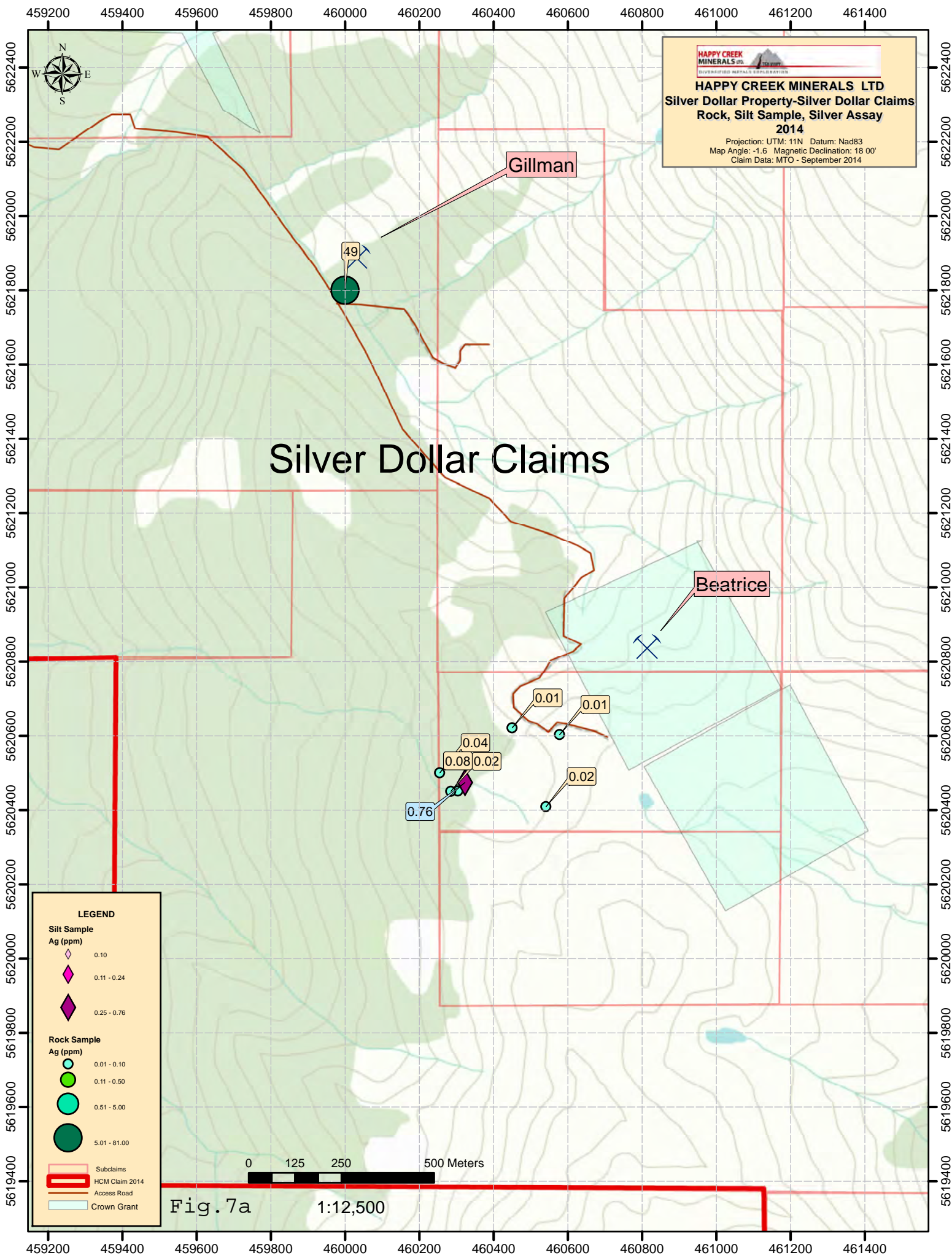


Fig. 7 1:12,500



HAPPY CREEK MINERALS LTD
 Silver Dollar Property-Silver Dollar Claims
 Rock, Silt Sample, Silver Assay
 2014

Projection: UTM: 11N Datum: Nad83
 Map Angle: -1.6 Magnetic Declination: 18 00'
 Claim Data: MTO - September 2014

Silver Dollar Claims

Gillman

Beatrice

LEGEND

Silt Sample
 Ag (ppm)

- ◊ 0.10
- ◊ 0.11 - 0.24
- ◊ 0.25 - 0.76

Rock Sample
 Ag (ppm)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 5.00
- 5.01 - 81.00

Subclaims
 HCM Claim 2014
 Access Road
 Crown Grant

0.76

0.08 0.02

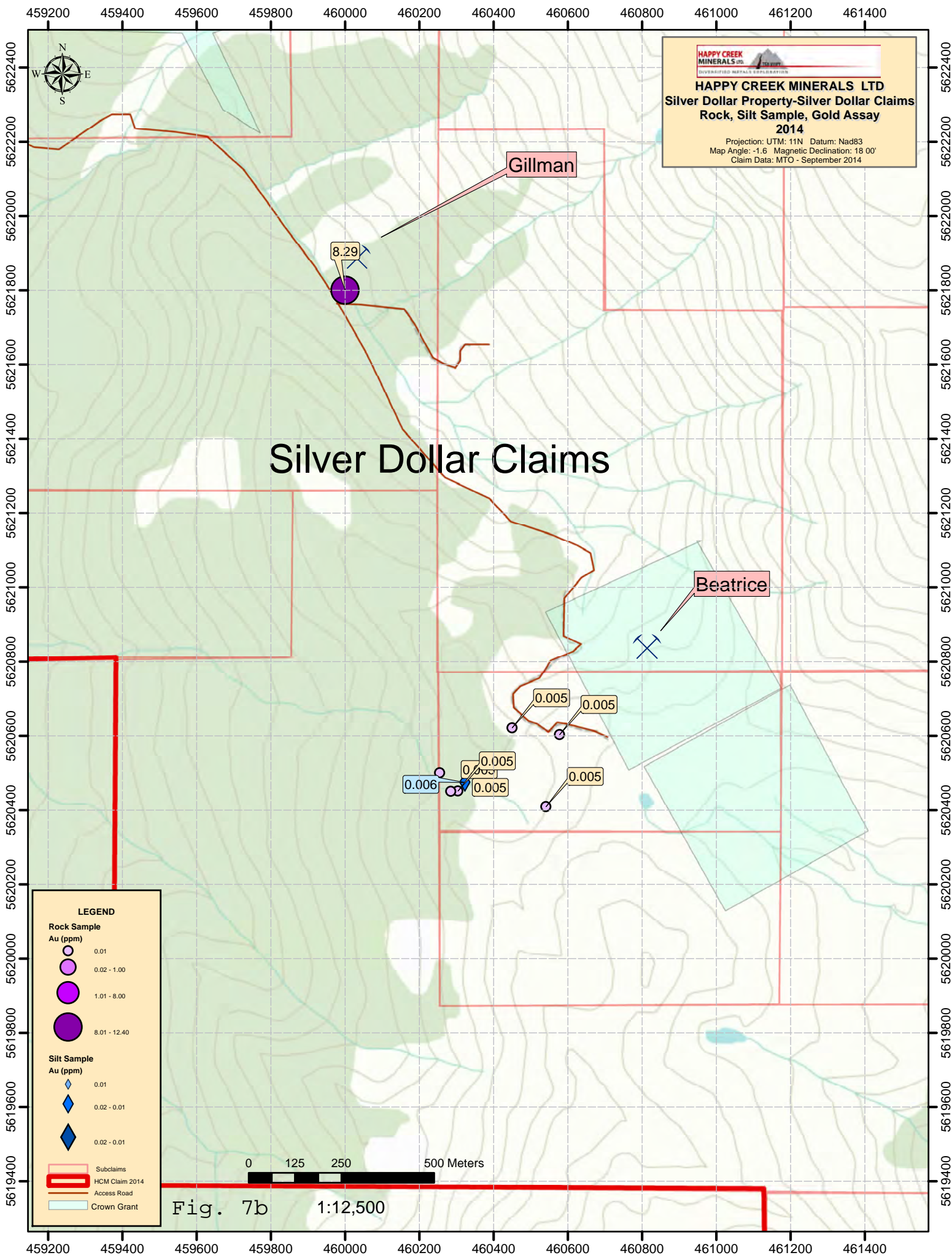
0.04


0.01 0.01

0.02

0 125 250 500 Meters

Fig.7a 1:12,500




HAPPY CREEK MINERALS LTD
 Silver Dollar Property-Silver Dollar Claims
 Rock, Silt Sample, Gold Assay
2014
 Projection: UTM: 11N Datum: Nad83
 Map Angle: -1.6 Magnetic Declination: 18 00'
 Claim Data: MTO - September 2014

Silver Dollar Claims

Gillman

Beatrice

8.29

0.005

0.005

0.006





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0.005




0.005





LEGEND

Rock Sample
 Au (ppm)

-  0.01
-  0.02 - 1.00
-  1.01 - 8.00
-  8.01 - 12.40

Silt Sample
 Au (ppm)

-  0.01
-  0.02 - 0.01
-  0.02 - 0.01

-  Subclaims
-  HCM Claim 2014
-  Access Road
-  Crown Grant

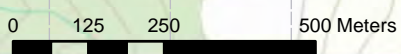
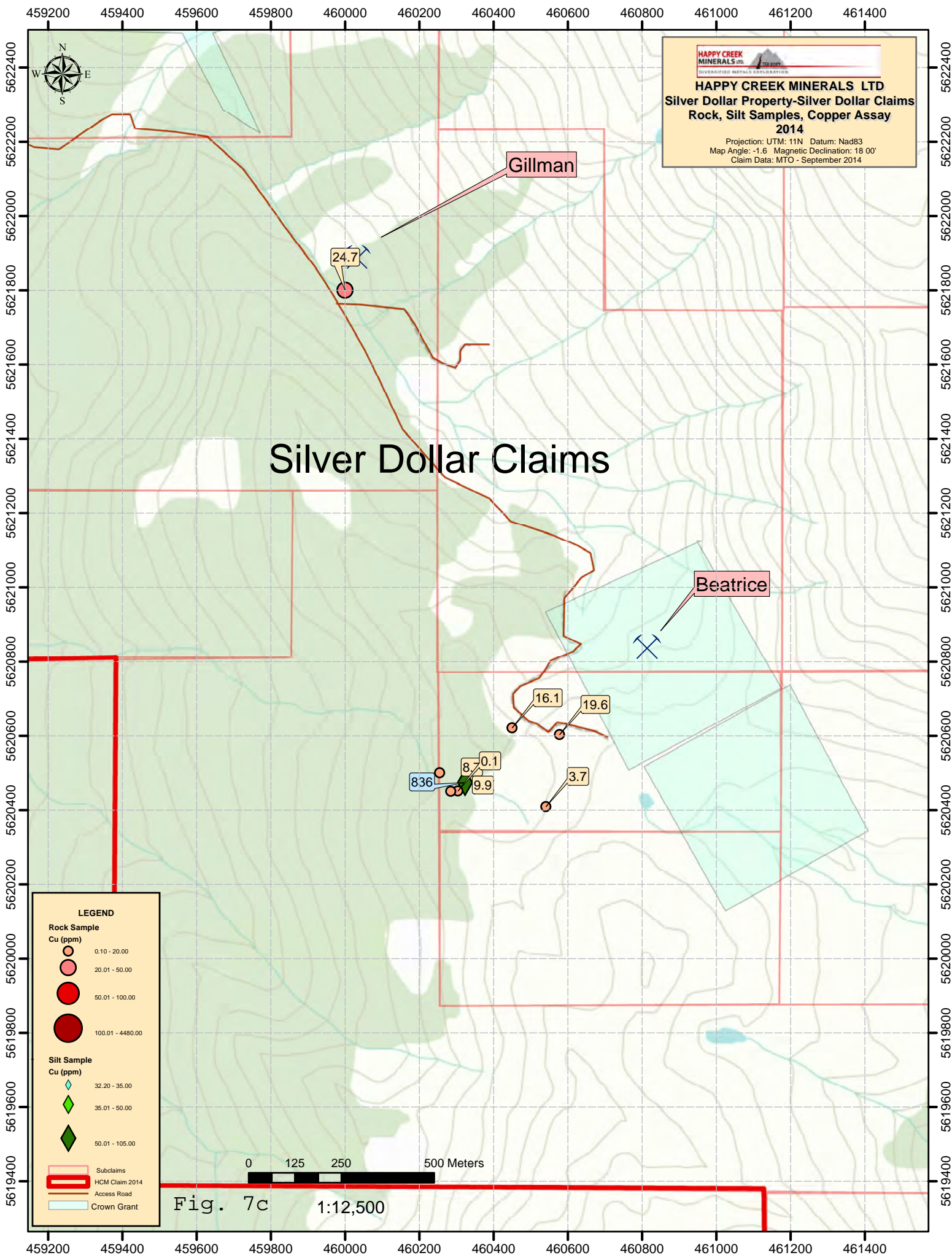


Fig. 7b 1:12,500



HAPPY CREEK MINERALS LTD
 SILVER DOLLAR PROPERTY
Silver Dollar Property-Silver Dollar Claims
Rock, Silt Samples, Copper Assay
2014
 Projection: UTM: 11N Datum: Nad83
 Map Angle: -1.6 Magnetic Declination: 18 00'
 Claim Data: MTO - September 2014

Silver Dollar Claims

Gillman

Beatrice

LEGEND

Rock Sample
 Cu (ppm)

- 0.10 - 20.00
- 20.01 - 50.00
- 50.01 - 100.00
- 100.01 - 4480.00

Silt Sample
 Cu (ppm)

- ◆ 32.20 - 35.00
- ◆ 35.01 - 50.00
- ◆ 50.01 - 105.00

 Subclaims
 HCM Claim 2014
— Access Road
— Crown Grant

0 125 250 500 Meters

Fig. 7c 1:12,500

24.7

836

8.7

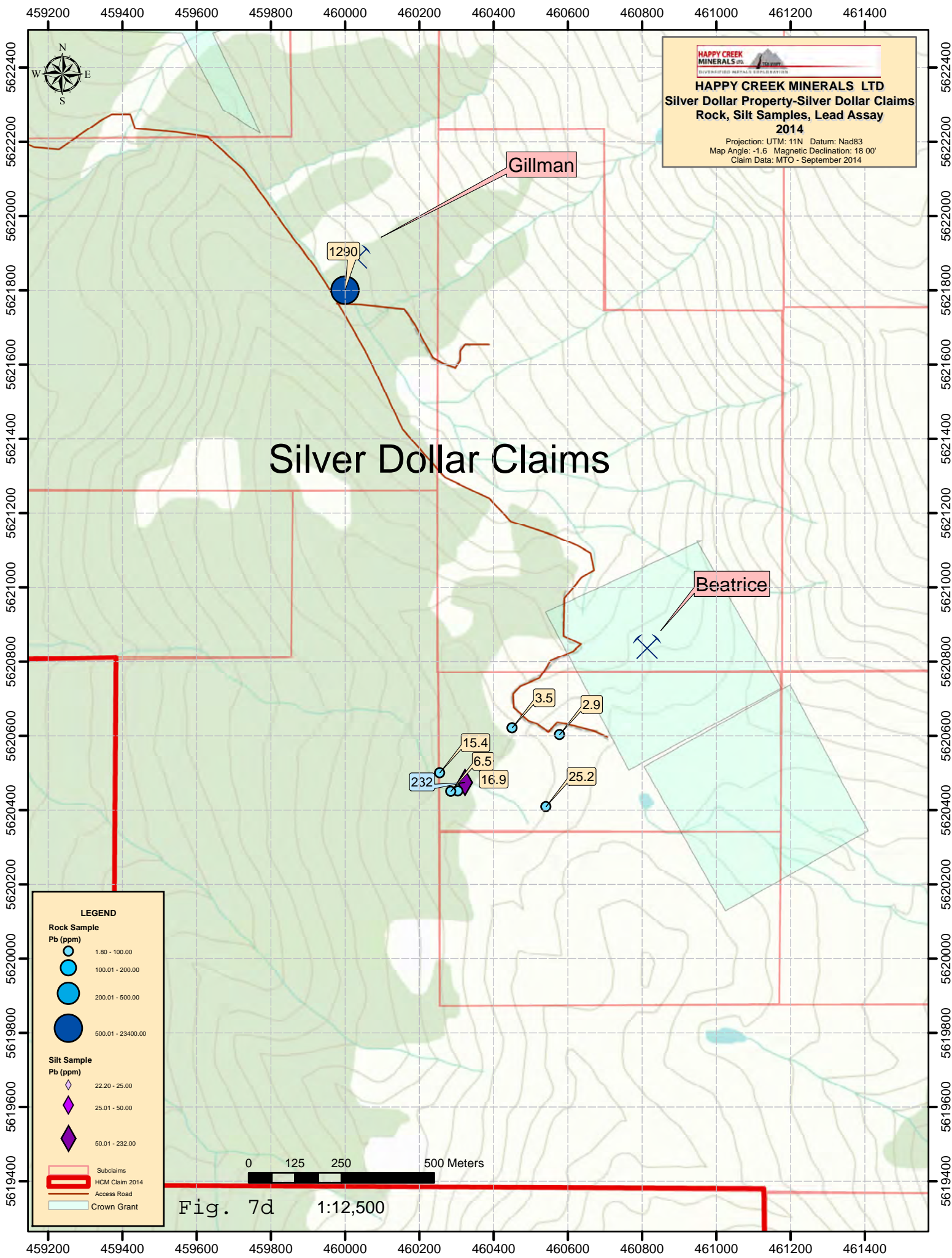
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9.9

16.1

19.6

3.7



HAPPY CREEK MINERALS LTD
 SILVER DOLLAR PROPERTY
Silver Dollar Property-Silver Dollar Claims
Rock, Silt Samples, Lead Assay
2014

Projection: UTM: 11N Datum: Nad83
 Map Angle: -1.6 Magnetic Declination: 18 00'
 Claim Data: MTO - September 2014

Silver Dollar Claims

LEGEND

Rock Sample
 Pb (ppm)

- 1.80 - 100.00
- 100.01 - 200.00
- 200.01 - 500.00
- 500.01 - 23400.00

Silt Sample
 Pb (ppm)

- 22.20 - 25.00
- 25.01 - 50.00
- 50.01 - 232.00

Subclaims
 HCM Claim 2014
 Access Road
 Crown Grant

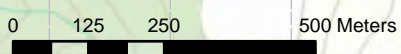
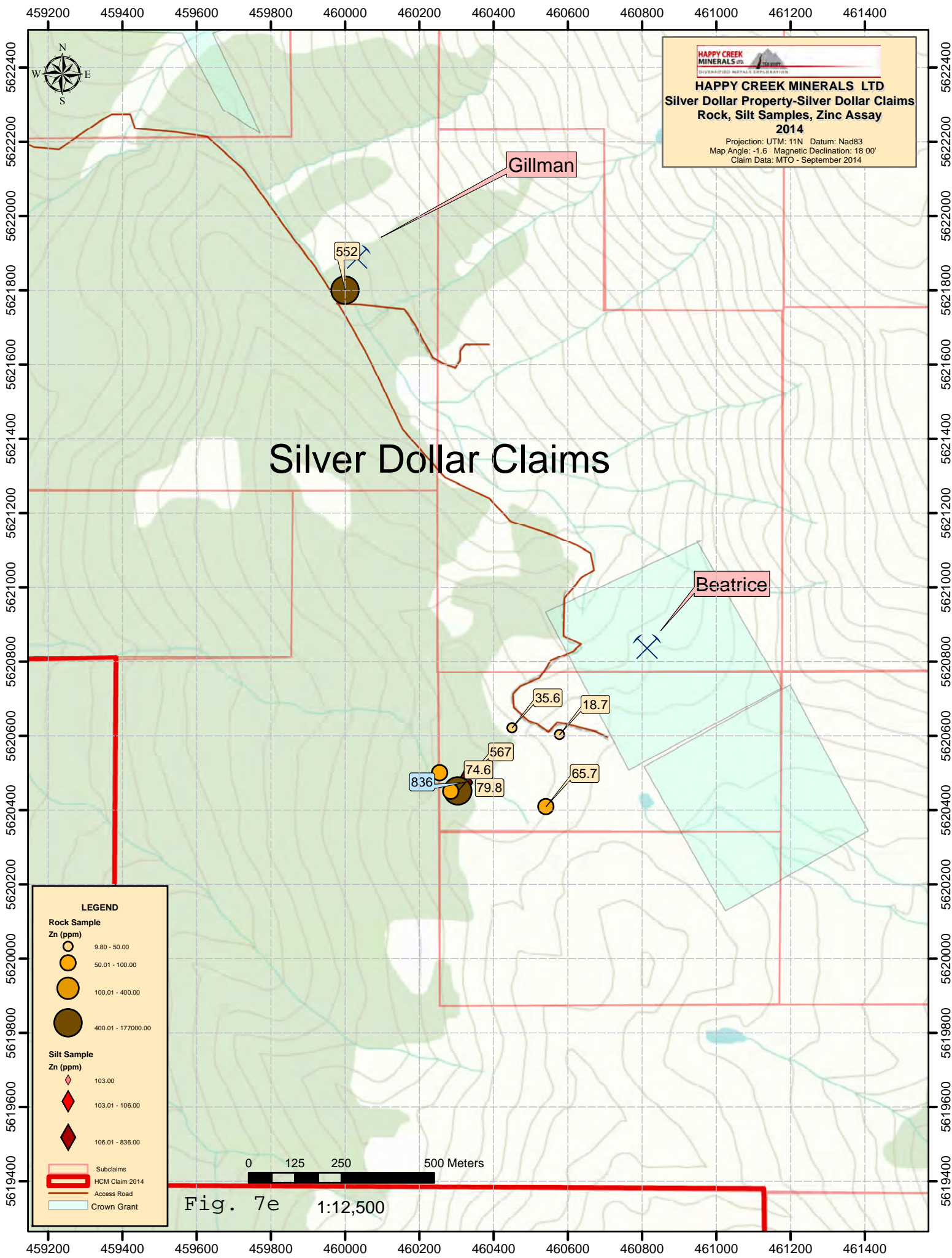


Fig. 7d 1:12,500



Silver Dollar Claims

Gillman

Beatrice

552

836

74.6

79.8

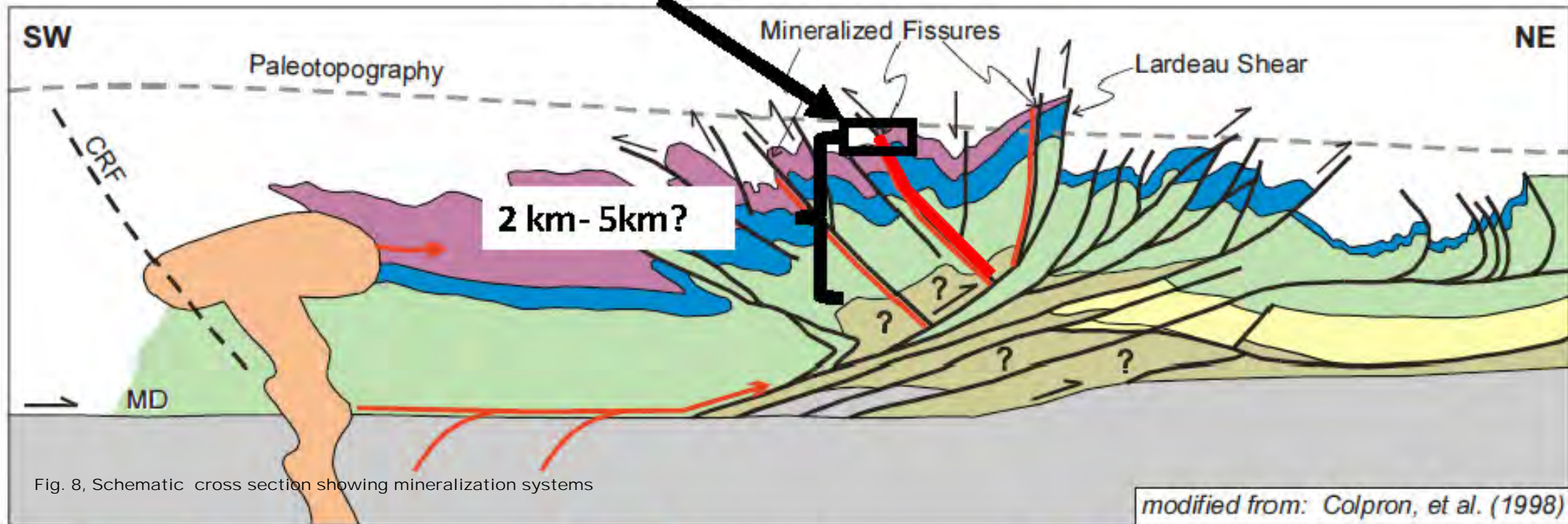
567

35.6

18.7

65.7

Silver Dollar/Gilman



- | | | | | | |
|--|-------------------------|---|-----------------------|---|-------------------------------|
|  | Late Cretaceous granite |  | Hamill Group |  | Purcell Supergroup, ? |
|  | Lardeau Group |  | Windermere Supergroup |  | Proterozoic basement gneisses |
|  | Mineralization | CRF | Columbia River Fault | MD | Monashee Detachment |

Photos



Photo 1: Access Trail and Phyllite Outcrop in Windflower Area



Photo 2: Quartz vein in Phyllite Outcrop Windflower Area



Photo 3: Typical of Quartz vein and Phyllite Sample



Photo 4: Historical Trench in Windflower Area



Photo 5: Goldfinch Mine, Windflower Area



Photo 6: Beatrice Camp Site in Silver Dollar Area

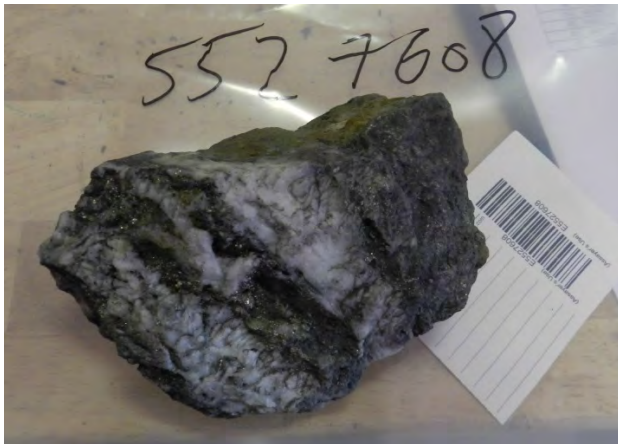


Photo 7: Mineralized Sample From Gillman Deposit



Photo 8: Strongly Iron Oxidized Outcrop in SD Area

Appendix 1

Geochemistry Result of Samples

Silver Dollar Rock 2014		Ag	Au	Cd	Ce	Cs	Cu	Ga	Ge	Hf	In	La
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SD14-01	5636510	0.09	<0.005	0.53	24.3	0.34	29.9	4.94	0.12	0.08	0.024	11.1
SD14-02	5636511	0.15	<0.005	0.25	35.8	0.32	29.5	0.92	0.14	0.03	0.058	17.3
SD14-03	5636512	0.08	<0.005	0.1	13.8	0.16	9.7	0.48	0.1	0.02	0.011	6.5
SD14-04	5636513	0.05	<0.005	0.13	24.1	0.17	8.7	0.61	0.12	0.03	0.015	11
SD14-05	5636514	0.09	<0.005	0.09	14.9	0.19	16.6	1.06	0.11	<0.02	0.011	7
SD14-06	5636515	0.11	0.008	0.67	5.82	0.08	6.2	0.48	0.09	<0.02	0.015	2.5
SD14-07	5636516	0.11	<0.005	0.09	17.8	<0.05	5.5	0.36	0.11	0.02	0.015	8.3
SD14-08	5636517	0.06	<0.005	0.08	6.78	0.11	11.7	1.06	0.11	<0.02	0.01	3.2
SD14-09	5636518	0.04	<0.005	0.06	11.3	0.17	8.9	2.1	0.08	<0.02	0.008	5.3
SD14-10	5636519	0.15	<0.005	0.06	24	0.2	17	2.44	0.12	<0.02	0.013	11.9
SD14-11	5636520	0.08	<0.005	0.09	18.4	0.15	38.4	7.65	0.13	0.02	0.017	8.5
SD14-12	5636521	0.06	<0.005	0.09	18.8	0.16	25.4	4.19	0.11	<0.02	0.013	8.7
SD14-13	5636522	0.07	<0.005	0.14	16.2	0.13	12.1	0.63	0.1	<0.02	0.009	7.5
SD14-14	5636523	0.07	<0.005	0.12	5.91	0.08	7.6	0.19	0.09	<0.02	0.008	2.9
SD14-15	5636524	0.05	<0.005	0.11	56.3	0.4	28.7	5.38	0.15	<0.02	0.01	28.5
SD14-16	5636525	0.08	<0.005	0.17	75.7	0.4	32.3	4.77	0.16	0.02	0.013	37.9
SD14-17	5636526	0.04	<0.005	0.03	22.7	0.2	11.6	1.87	0.11	0.02	0.007	10.6
SD14-18	5636527	0.04	<0.005	0.11	39.9	0.26	14.2	4.54	0.14	0.02	0.009	18.9
SD14-19	5636528	0.09	0.005	0.09	27.1	0.22	14.7	1.3	0.14	<0.02	0.031	12.2
SD14-20	5636529	0.08	0.006	0.08	40.8	0.17	6.8	0.71	0.15	<0.02	0.033	19.4
SD14-21	5636530	0.03	<0.005	0.08	9.96	0.13	13.7	6.68	0.15	0.03	0.027	4.2
SD14-22	5636531	0.1	<0.005	0.31	22.1	0.18	38.5	2.38	0.1	<0.02	0.018	10.4
SD14-23	5636532	0.06	<0.005	0.16	5.35	<0.05	11.6	0.24	0.1	<0.02	0.011	2.5
SD14-24	5636533	0.08	<0.005	0.2	6.32	<0.05	97.2	5.36	0.15	0.19	0.006	3
SD14-25	5636534	0.14	<0.005	0.09	28.5	0.38	44.7	6.62	0.15	0.02	0.019	13.1
SD14-26	5636535	0.4	<0.005	0.16	61.9	0.32	45.2	4.46	0.18	0.03	0.02	29.4
SD14-27	5636536	0.16	<0.005	0.29	11.4	0.24	31.9	3.13	0.07	0.02	0.023	5.5
SD14-28	5636537	0.09	<0.005	0.26	9.09	0.18	17.7	1.49	0.05	0.02	0.021	4.4
SD14-29	5636538	0.1	<0.005	0.05	33.8	0.21	4.1	2.71	0.12	<0.02	<0.005	15.7
SD14-30	5636539	0.22	<0.005	0.05	33.1	0.43	18.4	1.69	0.13	<0.02	0.017	15.7
SD14-31	5636540	0.15	<0.005	0.05	14.6	0.1	4.8	0.51	0.11	0.02	0.011	6.7

Silver Dollar Rock 2014		Ag	Au	Cd	Ce	Cs	Cu	Ga	Ge	Hf	In	La
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SD14-32	5636541	0.18	<0.005	0.03	29.6	0.13	13.9	0.75	0.12	0.03	0.01	13.7
SD14-33	5636542	0.09	<0.005	0.62	56.2	0.26	12.9	8.8	0.19	0.05	0.07	26.3
SD14-34	5636543	0.46	0.082	0.15	10.4	0.24	11.4	0.88	0.09	<0.02	0.06	4.6
SD14-35	5636544	0.07	<0.005	0.05	27.2	0.48	13.6	7.4	0.16	0.04	0.05	12.1
SD14-36	5636545	0.04	<0.005	0.07	28.1	0.11	4.1	0.57	0.12	0.03	0.022	14
SD14-37	5636546	0.05	<0.005	0.09	20.2	0.2	50.9	22.7	0.29	0.06	0.084	11.3
SD14-38	5636547	0.02	<0.005	0.09	20.2	0.14	9.2	2.22	0.12	<0.02	0.011	9.2
SD14-39	5636548	6.17	2.29	0.16	1.1	0.35	13.1	0.66	0.17	<0.02	0.051	0.4
SD14-40	5636549	2.22	0.071	0.1	4.5	<0.05	0.6	0.14	0.09	<0.02	0.047	1.8
SD14-43	5636552	0.27	<0.005	0.03	19.7	0.14	5.5	0.47	0.11	<0.02	0.005	9.2
SD14-44	5636553	0.08	<0.005	0.03	7.32	0.09	6.4	0.44	0.1	<0.02	<0.005	3.7
SD14-45	5636554	0.06	<0.005	0.06	21.4	0.38	24.9	11.1	0.16	0.07	0.01	10.1
SD14-46	5636555	0.03	<0.005	0.1	30	0.18	5.5	2.07	0.14	0.03	0.022	14.2
SD14-47	5636556	0.02	<0.005	0.11	3.82	0.08	3.7	0.55	0.11	<0.02	0.017	1.4
SD14-48	5636557	0.01	<0.005	0.07	2.34	0.09	19.6	0.45	0.1	<0.02	0.006	1.2
SD14-49	5636558	<0.01	<0.005	0.06	12.6	0.14	16.1	2.08	0.11	<0.02	0.009	5.7
SD14-50	5636559	0.08	<0.005	0.79	159	0.96	<0.1	3.15	0.48	0.18	0.009	84.9
SD14-51	5527605	0.02	<0.005	0.09	34	0.22	9.9	5.71	0.15	0.02	0.01	16
SD14-52	5527606	0.04	<0.005	0.15	24.2	0.29	8.7	2.43	0.12	0.04	0.015	12.6
SD14-54	5527608	41.3	6.28	3.67	0.96	0.05	24.7	0.19	0.19	<0.02	0.307	0.6
SD14-55	5527609	75.3	11.2	809	0.73	<0.05	4480	0.88	0.19	<0.02	53	0.3

Silver Dollar Silt 2014		Ag	Au	Cd	Ce	Cs	Cu	Ga	Ge	Hf	In	La
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SD14-41	5636550	0.1	0.005	0.28	21	0.78	32.2	3.89	0.24	0.03	0.027	10.1
SD14-42	5636551	0.24	0.012	0.32	24	0.91	39.3	4.18	0.23	0.03	0.03	11.4
SD14-53	5527607	0.76	0.006	3.76	29.7	2.38	105	3.5	0.26	0.06	0.04	12.9

Silver Dollar Rock 2014		Li	Mo	Nb	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SD14-01	5636510	22.4	1.38	0.47	15.3	5.7	0.45	4.3	0.2	217	0.04	4.8
SD14-02	5636511	1.8	2.12	0.08	26.6	7.4	1.49	2.1	<0.2	34.3	0.03	9.6
SD14-03	5636512	2.2	2.32	<0.05	16.4	2.9	0.54	1.5	<0.2	8.7	0.02	3.2
SD14-04	5636513	1.1	2.27	0.07	31.9	3.6	0.34	1.7	<0.2	13.5	0.02	5.3
SD14-05	5636514	6.3	1.9	<0.05	28.9	3.9	0.58	1.3	<0.2	11.3	0.03	3.9
SD14-06	5636515	2.2	2.49	0.17	46.1	1.3	0.4	0.8	<0.2	2.5	0.02	1.2
SD14-07	5636516	0.8	1.17	<0.05	10.9	0.9	0.52	3.7	<0.2	34.5	0.06	6.4
SD14-08	5636517	6	2.78	0.06	35	2.1	0.37	1.2	<0.2	5.8	0.02	1.7
SD14-09	5636518	10.2	1.03	<0.05	9.7	5.3	0.26	1.2	<0.2	532	0.03	5.6
SD14-10	5636519	13.2	1.58	<0.05	12.8	5.8	0.99	1.9	<0.2	127	0.04	7.2
SD14-11	5636520	44.4	1.58	<0.05	12	6.3	0.26	3.6	<0.2	240	0.03	7.5
SD14-12	5636521	25.9	1.93	<0.05	19.3	6.3	0.19	2	<0.2	263	0.02	4.4
SD14-13	5636522	2.5	3.03	<0.05	38.3	3.2	0.37	1.4	<0.2	9.3	0.03	4.8
SD14-14	5636523	0.5	2	0.08	25.1	1.1	0.14	0.7	<0.2	4.7	0.01	0.9
SD14-15	5636524	38	1.61	<0.05	45.9	9.5	0.07	1.6	<0.2	18.7	0.02	11
SD14-16	5636525	30.7	1.06	<0.05	79.5	10.6	0.07	1.3	<0.2	13.2	0.04	12.2
SD14-17	5636526	7.4	1.83	<0.05	13.5	6.7	0.32	0.7	<0.2	5.9	0.03	7.6
SD14-18	5636527	25.7	1.5	<0.05	41.2	5.4	0.13	1.4	<0.2	9.4	0.01	15.3
SD14-19	5636528	7.9	1.23	<0.05	16.3	6.3	1.39	2.8	<0.2	12.5	0.05	8.9
SD14-20	5636529	0.9	0.93	<0.05	6.4	4.7	0.77	3.4	<0.2	8.2	0.03	8.6
SD14-21	5636530	45.2	2.06	<0.05	47.2	1.2	0.42	3.5	<0.2	5.6	0.02	2
SD14-22	5636531	11.5	3.02	<0.05	29.2	6.4	0.06	1.9	<0.2	270	0.01	5.7
SD14-23	5636532	1	2.28	<0.05	17.8	0.4	0.05	0.8	<0.2	71.8	<0.01	0.5
SD14-24	5636533	9.3	1.14	1.72	7.4	0.6	0.21	3	0.2	116	0.01	0.4
SD14-25	5636534	50.8	1.71	0.05	26.7	7	1.6	2	<0.2	7.3	0.05	11.2
SD14-26	5636535	31.5	2.02	<0.05	50.6	7.3	1.98	2.7	<0.2	6.8	0.04	11.5
SD14-27	5636536	25.7	2.19	<0.05	13.1	5.6	0.6	2	<0.2	525	0.03	4.8
SD14-28	5636537	11.2	2.06	<0.05	13.3	3.7	0.38	1.8	<0.2	591	0.02	3
SD14-29	5636538	12.4	2.22	<0.05	25.5	6	0.06	0.9	<0.2	15.9	0.03	10.5
SD14-30	5636539	8.5	2.51	<0.05	38.9	6.4	0.07	1.6	<0.2	23.7	0.03	9.4
SD14-31	5636540	1.9	1.39	<0.05	46.7	2.7	<0.05	1.2	<0.2	7.1	0.03	3.1

Silver Dollar Rock 2014		Li	Mo	Nb	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SD14-32	5636541	1.6	1.58	<0.05	18.3	5.6	<0.05	1.1	<0.2	71.3	0.04	11
SD14-33	5636542	20.2	3.8	0.08	51.3	4.7	0.17	9.6	<0.2	62.1	0.02	5.4
SD14-34	5636543	3	3.29	<0.05	13	4.8	1.03	2.6	<0.2	250	0.03	3.8
SD14-35	5636544	23	1.51	0.2	3.6	4	0.12	6.7	<0.2	14.5	0.02	2.9
SD14-36	5636545	1.2	2.52	<0.05	6.8	3.8	0.12	2.1	<0.2	10.3	0.01	5.4
SD14-37	5636546	62.1	0.7	0.39	4.2	1.5	0.15	25.2	0.5	34.3	<0.01	2
SD14-38	5636547	15.4	1.87	<0.05	47	3.2	0.09	1.6	<0.2	23.9	0.02	5.6
SD14-39	5636548	3.5	1.16	<0.05	219	4.2	5.29	4.8	0.7	225	0.09	0.2
SD14-40	5636549	0.6	1.25	<0.05	17.2	1	0.1	7.6	<0.2	512	0.02	0.3
SD14-43	5636552	1.1	3.33	<0.05	104	4	0.08	0.5	<0.2	7.5	0.03	5.3
SD14-44	5636553	1.3	3.46	0.07	2.7	1.9	<0.05	0.3	<0.2	10.7	0.01	1.1
SD14-45	5636554	25.1	0.56	3.16	1.8	7.8	0.09	2	0.3	69.5	0.02	1.2
SD14-46	5636555	13	1.44	0.09	8.8	6.2	0.25	2.2	<0.2	17.7	0.01	10.8
SD14-47	5636556	4.8	1.51	0.21	25.2	1.4	0.08	2	<0.2	8	0.01	1.3
SD14-48	5636557	4.3	2.22	<0.05	2.9	1.4	0.06	0.3	<0.2	2.6	0.01	1.1
SD14-49	5636558	27.8	2.59	<0.05	3.5	3.9	0.11	1.5	<0.2	32.8	0.01	4.8
SD14-50	5636559	19.6	0.79	0.09	16.9	4.7	0.78	4.2	<0.2	60.7	0.03	3.7
SD14-51	5527605	72.6	1.47	<0.05	6.5	6.1	0.1	1.4	<0.2	7.5	<0.01	9.4
SD14-52	5527606	26.3	2.04	<0.05	15.4	5.2	0.22	0.6	<0.2	5.2	0.02	3.2
SD14-54	5527608	0.2	2.24	0.12	1290	1.1	5.96	<0.1	6.6	3.3	0.88	0.2
SD14-55	5527609	0.2	1.38	0.1	>10000	0.5	49.5	<0.1	13.1	1	0.36	0.2

Silver Dollar Silt 2014		Li	Mo	Nb	Pb	Rb	Sb	Sc	Sn	Sr	Te	Th
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SD14-41	5636550	25.8	0.97	0.68	22.2	3.8	0.85	3.4	<0.2	52.6	0.08	5.6
SD14-42	5636551	27.7	1.31	0.83	46.9	4.5	0.9	3.8	<0.2	51.5	0.07	5.8
SD14-53	5527607	89.7	2.18	0.23	232	7	2.78	2.3	2.9	13.8	0.1	7.9

Silver Dollar Rock 2014		TI	U	V	W	Zn	Au-FA	Pb-OL	Zn-OL	Ag-GRAV		
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
SD14-01	5636510	0.04	0.28	38.1	7.79	71.5						
SD14-02	5636511	0.05	0.68	7.8	5.01	80.8						
SD14-03	5636512	0.02	0.13	3.8	5.89	27.2						
SD14-04	5636513	0.03	0.19	3.8	4.21	24.4						
SD14-05	5636514	0.03	0.25	6	2.98	26.7						
SD14-06	5636515	0.01	0.15	3.2	3.16	44.8						
SD14-07	5636516	<0.01	0.48	4.4	2.39	18.3						
SD14-08	5636517	0.02	0.18	6.3	3.13	28.7						
SD14-09	5636518	0.03	0.58	10.1	1.53	25.2						
SD14-10	5636519	0.03	0.33	12.3	1.56	39.3						
SD14-11	5636520	0.04	0.43	40.3	1.3	92.8						
SD14-12	5636521	0.04	0.24	22.5	1.21	54.5						
SD14-13	5636522	0.02	0.19	4.2	1.06	34						
SD14-14	5636523	0.01	0.06	2	1.19	37.6						
SD14-15	5636524	0.06	0.73	19.8	0.95	77.1						
SD14-16	5636525	0.07	0.96	14.5	0.93	82.3						
SD14-17	5636526	0.04	0.27	8.5	0.77	20.6						
SD14-18	5636527	0.04	0.57	19.8	0.83	63.6						
SD14-19	5636528	0.04	0.58	8.3	0.82	52.8						
SD14-20	5636529	0.03	0.49	5	0.72	26.4						
SD14-21	5636530	0.01	0.16	28.3	0.62	97.3						
SD14-22	5636531	0.04	0.53	12.4	0.6	35.7						
SD14-23	5636532	<0.01	0.44	3.1	0.53	10						
SD14-24	5636533	<0.01	0.14	61.7	0.78	44.6						
SD14-25	5636534	0.03	0.32	23.8	0.53	94.5						
SD14-26	5636535	0.05	0.34	17.2	0.48	108						
SD14-27	5636536	0.03	0.21	13.9	0.51	67.9						
SD14-28	5636537	0.02	0.11	7.9	0.45	41.7						
SD14-29	5636538	0.04	0.58	11.1	0.43	41						
SD14-30	5636539	0.04	1.28	6.8	0.43	36.3						
SD14-31	5636540	0.02	0.49	3.5	0.4	32.5						

Silver Dollar Rock 2014		TI	U	V	W	Zn	Au-FA	Pb-OL	Zn-OL	Ag-GRAV		
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
SD14-32	5636541	0.03	1.63	7	0.38	30.9						
SD14-33	5636542	0.03	1.35	13.1	0.44	168						
SD14-34	5636543	0.03	0.17	9.8	0.45	33.1						
SD14-35	5636544	0.03	0.17	57	0.34	62.6						
SD14-36	5636545	0.03	2.33	3.5	0.28	29.6						
SD14-37	5636546	0.01	0.54	236	0.38	113						
SD14-38	5636547	0.02	0.47	9.7	0.26	38.4						
SD14-39	5636548	0.04	0.07	20.7	0.38	102	2.42					
SD14-40	5636549	<0.01	<0.05	10.3	0.29	27.5						
SD14-43	5636552	0.03	0.32	3.3	0.22	11.9						
SD14-44	5636553	0.01	0.1	4.6	0.22	9.8						
SD14-45	5636554	0.02	0.17	79.3	0.55	108						
SD14-46	5636555	0.04	0.86	8.4	0.21	42						
SD14-47	5636556	0.02	0.19	4.6	0.21	65.7						
SD14-48	5636557	0.01	0.13	2.3	0.16	18.7						
SD14-49	5636558	0.02	0.23	7.2	0.19	35.6						
SD14-50	5636559	0.04	83.2	15.3	0.45	567						
SD14-51	5527605	0.04	1.03	15.5	0.21	79.8						
SD14-52	5527606	0.02	0.3	8.5	0.16	74.6						
SD14-54	5527608	0.01	0.08	5.3	0.32	552	8.29			49		
SD14-55	5527609	0.01	<0.05	5	0.3	>10000	12.4	2.34	17.7	81		

Silver Dollar Silt 2014		TI	U	V	W	Zn						
Sample ID	Lab #	ppm	ppm	ppm	ppm	ppm						
SD14-41	5636550	0.03	0.57	33.3	0.8	103						
SD14-42	5636551	0.04	0.73	36.3	0.54	106						
SD14-53	5527607	0.17	3	13.6	0.49	836						

Appendix 2

Certificates of Analyses, 2014

CLIENT NAME: HAPPY CREEK MINERALS LTD.
SUITE 460-789 WEST PENDER STREET
VANCOUVER, BC V6C1H2
(604) 662-8310

ATTENTION TO: DAVID BLANN

PROJECT: SD Project

AGAT WORK ORDER: 14V898216

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Oct 29, 2014

PAGES (INCLUDING COVER): 14

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 06, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
5636510 (5940502)	1.10	0.09	1.28	40.4	<0.005	<5	59	0.28	0.16	3.58	0.53	24.3	18.1	60.6
5636511 (5940503)	1.94	0.15	0.24	31.7	<0.005	<5	41	0.39	0.22	0.89	0.25	35.8	13.0	26.9
5636512 (5940504)	0.98	0.08	0.21	14.2	<0.005	<5	23	0.21	0.11	0.21	0.10	13.8	6.1	53.4
5636513 (5940505)	0.74	0.05	0.18	13.7	<0.005	<5	21	0.17	0.12	0.12	0.13	24.1	5.3	41.6
5636514 (5940506)	1.96	0.09	0.35	13.1	<0.005	<5	24	0.18	0.14	0.18	0.09	14.9	6.8	50.4
5636515 (5940507)	0.84	0.11	0.19	51.5	0.008	<5	10	0.10	0.06	0.02	0.67	5.82	3.2	44.6
5636516 (5940508)	1.38	0.11	0.14	26.3	<0.005	<5	7	0.09	0.08	0.64	0.09	17.8	8.3	32.4
5636517 (5940509)	1.08	0.06	0.32	7.6	<0.005	<5	18	0.15	0.07	0.03	0.08	6.78	9.3	51.0
5636518 (5940510)	3.26	0.04	0.56	6.2	<0.005	<5	28	0.15	0.09	3.78	0.06	11.3	6.8	26.5
5636519 (5940511)	2.30	0.15	0.70	11.5	<0.005	<5	35	0.23	0.20	0.96	0.06	24.0	8.0	33.0
5636520 (5940512)	1.96	0.08	2.28	28.4	<0.005	<5	34	0.31	0.13	2.73	0.09	18.4	29.3	99.2
5636521 (5940513)	1.20	0.06	1.35	12.8	<0.005	<5	38	0.28	0.10	2.22	0.09	18.8	16.0	63.3
5636522 (5940514)	1.76	0.07	0.21	8.8	<0.005	<5	21	0.15	0.12	0.06	0.14	16.2	8.9	60.6
5636523 (5940515)	1.58	0.07	0.06	6.5	<0.005	<5	12	0.05	0.03	0.03	0.12	5.91	3.3	46.2
5636524 (5940516)	0.94	0.05	1.66	3.5	<0.005	<5	74	0.34	0.37	0.14	0.11	56.3	14.7	48.2
5636525 (5940517)	0.52	0.08	1.43	2.7	<0.005	<5	79	0.45	0.86	0.09	0.17	75.7	11.8	28.6
5636526 (5940518)	1.28	0.04	0.50	4.8	<0.005	<5	40	0.21	0.37	0.03	0.03	22.7	3.4	45.1
5636527 (5940519)	1.60	0.04	1.20	4.5	<0.005	<5	39	0.23	0.20	0.08	0.11	39.9	8.1	38.2
5636528 (5940520)	1.74	0.09	0.46	15.5	0.005	<5	41	0.24	0.15	0.12	0.09	27.1	13.5	32.3
5636529 (5940521)	1.44	0.08	0.26	9.9	0.006	<5	31	0.17	0.10	0.06	0.08	40.8	9.9	18.9
5636530 (5940522)	1.74	0.03	1.66	5.0	<0.005	<5	7	0.17	0.09	0.04	0.08	9.96	13.2	50.8
5636531 (5940523)	2.54	0.10	0.67	11.7	<0.005	<5	58	0.33	0.28	3.39	0.31	22.1	8.5	40.9
5636532 (5940524)	0.50	0.06	0.07	15.2	<0.005	<5	8	0.07	0.20	1.12	0.16	5.35	3.5	55.8
5636533 (5940525)	1.06	0.08	1.65	5.7	<0.005	<5	15	0.41	0.04	1.49	0.20	6.32	27.3	56.3
5636534 (5940526)	0.56	0.14	2.10	15.3	<0.005	<5	39	0.53	0.40	0.05	0.09	28.5	18.2	39.9
5636535 (5940527)	2.48	0.40	1.68	17.6	<0.005	<5	44	0.71	0.28	0.06	0.16	61.9	24.0	43.8
5636536 (5940528)	3.94	0.16	1.09	7.5	<0.005	<5	26	0.30	0.18	6.20	0.29	11.4	13.5	34.5
5636537 (5940529)	4.36	0.09	0.51	5.9	<0.005	<5	18	0.21	0.11	7.15	0.26	9.09	8.9	47.8
5636538 (5940530)	1.36	0.10	0.77	3.0	<0.005	<5	29	0.15	0.34	0.14	0.05	33.8	5.7	40.0
5636539 (5940531)	0.86	0.22	0.54	1.3	<0.005	<5	39	0.26	0.50	0.20	0.05	33.1	11.4	47.7
5636540 (5940532)	0.82	0.15	0.18	1.9	<0.005	<5	15	0.11	0.48	0.06	0.05	14.6	4.2	28.9

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 06, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
5636541 (5940533)		2.18	0.18	0.20	5.2	<0.005	<5	30	0.15	0.31	0.88	0.03	29.6	6.9	35.9
5636542 (5940534)		1.42	0.09	1.40	8.5	<0.005	<5	54	0.20	0.16	0.55	0.62	56.2	11.3	16.2
5636543 (5940535)		1.68	0.46	0.25	22.5	0.082	<5	24	0.24	2.25	3.57	0.15	10.4	7.6	48.8
5636544 (5940536)		1.60	0.07	1.28	5.6	<0.005	<5	69	0.67	0.02	0.24	0.05	27.2	14.6	21.5
5636545 (5940537)		1.74	0.04	0.16	9.3	<0.005	<5	43	0.13	0.12	0.08	0.07	28.1	7.9	52.1
5636546 (5940538)		0.80	0.05	4.37	3.7	<0.005	<5	27	0.67	0.07	0.84	0.09	20.2	39.2	133
5636547 (5940539)		2.26	0.02	0.61	2.2	<0.005	<5	19	0.15	0.11	0.49	0.09	20.2	5.5	49.4
5636548 (5940540)		3.54	6.17	0.16	515	2.29	<5	11	0.40	9.25	2.62	0.16	1.10	45.5	230
5636549 (5940541)		0.90	2.22	0.07	21.8	0.071	<5	7	0.07	1.23	4.98	0.10	4.50	2.3	29.5
5636552 (5940542)		0.88	0.27	0.14	6.1	<0.005	<5	21	0.18	0.44	0.14	0.03	19.7	2.3	59.3
5636553 (5940543)		1.80	0.08	0.12	1.3	<0.005	<5	100	<0.05	0.05	0.10	0.03	7.32	1.3	77.5
5636554 (5940544)		0.86	0.06	2.38	1.2	<0.005	<5	57	0.52	0.02	1.75	0.06	21.4	31.7	13.8
5636555 (5940545)		1.50	0.03	0.60	4.2	<0.005	<5	31	0.19	0.10	0.50	0.10	30.0	5.2	34.5
5636556 (5940546)		0.98	0.02	0.17	1.4	<0.005	<5	21	0.05	0.03	0.27	0.11	3.82	2.9	33.5
5636557 (5940547)		1.30	0.01	0.14	1.9	<0.005	<5	7	0.05	0.03	0.03	0.07	2.34	2.1	62.1
5636558 (5940548)		1.30	<0.01	0.64	2.8	<0.005	<5	14	0.09	0.04	0.65	0.06	12.6	2.9	45.8
5636559 (5940549)		0.76	0.08	0.70	833	<0.005	<5	63	17.9	0.16	0.20	0.79	159	16.3	10.4
5527605 (5940550)		1.24	0.02	1.71	13.3	<0.005	<5	25	0.40	0.08	0.08	0.09	34.0	6.0	39.6
5527606 (5940551)		1.48	0.04	0.76	8.0	<0.005	<5	30	0.24	0.19	0.02	0.15	24.2	2.0	40.2
5527608 (5940552)		1.34	41.3	0.03	624	6.28	<5	<1	<0.05	54.6	0.02	3.67	0.96	1.6	52.7
5527609 (5940553)		2.18	75.3	0.02	529	11.2	<5	<1	<0.05	1.40	<0.01	809	0.73	100	42.4

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 06, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
5636510 (5940502)	0.34	29.9	3.44	4.94	0.12	0.08	0.01	0.024	0.11	11.1	22.4	0.88	894	1.38
5636511 (5940503)	0.32	29.5	4.39	0.92	0.14	0.03	<0.01	0.058	0.16	17.3	1.8	0.22	886	2.12
5636512 (5940504)	0.16	9.7	1.40	0.48	0.10	0.02	<0.01	0.011	0.06	6.5	2.2	0.06	396	2.32
5636513 (5940505)	0.17	8.7	1.83	0.61	0.12	0.03	<0.01	0.015	0.08	11.0	1.1	0.03	619	2.27
5636514 (5940506)	0.19	16.6	1.59	1.06	0.11	<0.02	<0.01	0.011	0.08	7.0	6.3	0.14	557	1.90
5636515 (5940507)	0.08	6.2	1.05	0.48	0.09	<0.02	<0.01	0.015	0.03	2.5	2.2	0.04	532	2.49
5636516 (5940508)	<0.05	5.5	2.54	0.36	0.11	0.02	<0.01	0.015	0.02	8.3	0.8	0.04	891	1.17
5636517 (5940509)	0.11	11.7	1.72	1.06	0.11	<0.02	<0.01	0.010	0.04	3.2	6.0	0.17	1260	2.78
5636518 (5940510)	0.17	8.9	1.53	2.10	0.08	<0.02	<0.01	0.008	0.12	5.3	10.2	0.48	1030	1.03
5636519 (5940511)	0.20	17.0	2.45	2.44	0.12	<0.02	<0.01	0.013	0.13	11.9	13.2	0.64	897	1.58
5636520 (5940512)	0.15	38.4	4.76	7.65	0.13	0.02	<0.01	0.017	0.15	8.5	44.4	2.07	2280	1.58
5636521 (5940513)	0.16	25.4	2.75	4.19	0.11	<0.02	<0.01	0.013	0.15	8.7	25.9	0.88	1270	1.93
5636522 (5940514)	0.13	12.1	1.51	0.63	0.10	<0.02	<0.01	0.009	0.07	7.5	2.5	0.05	658	3.03
5636523 (5940515)	0.08	7.6	0.82	0.19	0.09	<0.02	<0.01	0.008	0.02	2.9	0.5	0.01	536	2.00
5636524 (5940516)	0.40	28.7	3.24	5.38	0.15	<0.02	<0.01	0.010	0.18	28.5	38.0	0.85	656	1.61
5636525 (5940517)	0.40	32.3	2.84	4.77	0.16	0.02	<0.01	0.013	0.21	37.9	30.7	0.66	742	1.06
5636526 (5940518)	0.20	11.6	1.42	1.87	0.11	0.02	<0.01	0.007	0.14	10.6	7.4	0.19	155	1.83
5636527 (5940519)	0.26	14.2	2.41	4.54	0.14	0.02	<0.01	0.009	0.12	18.9	25.7	0.60	707	1.50
5636528 (5940520)	0.22	14.7	4.14	1.30	0.14	<0.02	<0.01	0.031	0.14	12.2	7.9	0.23	877	1.23
5636529 (5940521)	0.17	6.8	3.59	0.71	0.15	<0.02	<0.01	0.033	0.10	19.4	0.9	0.04	1020	0.93
5636530 (5940522)	0.13	13.7	4.32	6.68	0.15	0.03	0.01	0.027	0.02	4.2	45.2	0.94	1240	2.06
5636531 (5940523)	0.18	38.5	2.36	2.38	0.10	<0.02	<0.01	0.018	0.16	10.4	11.5	0.61	1610	3.02
5636532 (5940524)	<0.05	11.6	1.20	0.24	0.10	<0.02	<0.01	0.011	<0.01	2.5	1.0	0.10	955	2.28
5636533 (5940525)	<0.05	97.2	2.60	5.36	0.15	0.19	<0.01	0.006	0.02	3.0	9.3	1.16	513	1.14
5636534 (5940526)	0.38	44.7	4.84	6.62	0.15	0.02	0.07	0.019	0.16	13.1	50.8	1.19	666	1.71
5636535 (5940527)	0.32	45.2	5.29	4.46	0.18	0.03	0.04	0.020	0.16	29.4	31.5	0.64	992	2.02
5636536 (5940528)	0.24	31.9	2.41	3.13	0.07	0.02	0.04	0.023	0.13	5.5	25.7	0.84	2750	2.19
5636537 (5940529)	0.18	17.7	1.39	1.49	0.05	0.02	0.02	0.021	0.08	4.4	11.2	0.32	2930	2.06
5636538 (5940530)	0.21	4.1	1.76	2.71	0.12	<0.02	<0.01	<0.005	0.11	15.7	12.4	0.37	312	2.22
5636539 (5940531)	0.43	18.4	2.41	1.69	0.13	<0.02	<0.01	0.017	0.12	15.7	8.5	0.21	701	2.51
5636540 (5940532)	0.10	4.8	1.64	0.51	0.11	0.02	<0.01	0.011	0.05	6.7	1.9	0.06	286	1.39
5636541 (5940533)	0.13	13.9	1.91	0.75	0.12	0.03	<0.01	0.010	0.13	13.7	1.6	0.58	522	1.58

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

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CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014	DATE RECEIVED: Oct 06, 2014					DATE REPORTED: Oct 29, 2014					SAMPLE TYPE: Rock				
Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	
5636542 (5940534)	0.26	12.9	6.43	8.80	0.19	0.05	0.01	0.070	0.07	26.3	20.2	0.63	1660	3.80	
5636543 (5940535)	0.24	11.4	2.93	0.88	0.09	<0.02	0.01	0.060	0.10	4.6	3.0	1.33	1100	3.29	
5636544 (5940536)	0.48	13.6	4.84	7.40	0.16	0.04	<0.01	0.050	0.06	12.1	23.0	1.39	779	1.51	
5636545 (5940537)	0.11	4.1	2.28	0.57	0.12	0.03	<0.01	0.022	0.08	14.0	1.2	0.03	967	2.52	
5636546 (5940538)	0.20	50.9	8.21	22.7	0.29	0.06	<0.01	0.084	0.02	11.3	62.1	3.63	1320	0.70	
5636547 (5940539)	0.14	9.2	2.20	2.22	0.12	<0.02	<0.01	0.011	0.07	9.2	15.4	0.36	637	1.87	
5636548 (5940540)	0.35	13.1	7.78	0.66	0.17	<0.02	<0.01	0.051	0.06	0.4	3.5	5.79	624	1.16	
5636549 (5940541)	<0.05	0.6	3.44	0.14	0.09	<0.02	<0.01	0.047	0.02	1.8	0.6	1.74	1230	1.25	
5636552 (5940542)	0.14	5.5	1.07	0.47	0.11	<0.02	<0.01	0.005	0.10	9.2	1.1	0.06	256	3.33	
5636553 (5940543)	0.09	6.4	0.60	0.44	0.10	<0.02	<0.01	<0.005	0.04	3.7	1.3	0.05	66	3.46	
5636554 (5940544)	0.38	24.9	6.47	11.1	0.16	0.07	<0.01	0.010	0.16	10.1	25.1	2.36	1580	0.56	
5636555 (5940545)	0.18	5.5	3.09	2.07	0.14	0.03	<0.01	0.022	0.12	14.2	13.0	0.27	663	1.44	
5636556 (5940546)	0.08	3.7	2.11	0.55	0.11	<0.02	0.03	0.017	0.02	1.4	4.8	0.11	1150	1.51	
5636557 (5940547)	0.09	19.6	0.66	0.45	0.10	<0.02	0.01	0.006	0.02	1.2	4.3	0.06	250	2.22	
5636558 (5940548)	0.14	16.1	1.72	2.08	0.11	<0.02	0.01	0.009	0.05	5.7	27.8	0.32	945	2.59	
5636559 (5940549)	0.96	<0.1	26.0	3.15	0.48	0.18	0.04	0.009	0.07	84.9	19.6	0.23	905	0.79	
5527605 (5940550)	0.22	9.9	3.27	5.71	0.15	0.02	0.03	0.010	0.11	16.0	72.6	0.97	642	1.47	
5527606 (5940551)	0.29	8.7	2.10	2.43	0.12	0.04	0.07	0.015	0.10	12.6	26.3	0.35	213	2.04	
5527608 (5940552)	0.05	24.7	11.4	0.19	0.19	<0.02	0.03	0.307	0.02	0.6	0.2	<0.01	24	2.24	
5527609 (5940553)	<0.05	4480	10.3	0.88	0.19	<0.02	2.37	53.0	0.01	0.3	0.2	<0.01	21	1.38	

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

5623 McADAM ROAD
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<http://www.agatlabs.com>

CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014	DATE RECEIVED: Oct 06, 2014					DATE REPORTED: Oct 29, 2014					SAMPLE TYPE: Rock				
Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	
5636510 (5940502)	0.02	0.47	50.3	916	15.3	5.7	<0.001	0.064	0.45	4.3	<0.2	0.2	217	<0.01	
5636511 (5940503)	0.01	0.08	33.7	350	26.6	7.4	<0.001	0.083	1.49	2.1	<0.2	<0.2	34.3	<0.01	
5636512 (5940504)	0.02	<0.05	15.3	218	16.4	2.9	<0.001	0.053	0.54	1.5	<0.2	<0.2	8.7	<0.01	
5636513 (5940505)	0.02	0.07	13.0	556	31.9	3.6	<0.001	0.025	0.34	1.7	<0.2	<0.2	13.5	<0.01	
5636514 (5940506)	0.02	<0.05	15.4	240	28.9	3.9	<0.001	0.083	0.58	1.3	<0.2	<0.2	11.3	<0.01	
5636515 (5940507)	0.01	0.17	6.5	139	46.1	1.3	<0.001	0.017	0.40	0.8	<0.2	<0.2	2.5	<0.01	
5636516 (5940508)	0.08	<0.05	17.3	279	10.9	0.9	<0.001	0.291	0.52	3.7	0.3	<0.2	34.5	<0.01	
5636517 (5940509)	0.01	0.06	17.2	140	35.0	2.1	<0.001	0.038	0.37	1.2	<0.2	<0.2	5.8	<0.01	
5636518 (5940510)	0.02	<0.05	15.4	289	9.7	5.3	<0.001	0.321	0.26	1.2	<0.2	<0.2	532	<0.01	
5636519 (5940511)	0.02	<0.05	22.6	236	12.8	5.8	<0.001	0.251	0.99	1.9	<0.2	<0.2	127	<0.01	
5636520 (5940512)	<0.01	<0.05	93.6	887	12.0	6.3	<0.001	0.161	0.26	3.6	0.2	<0.2	240	<0.01	
5636521 (5940513)	0.01	<0.05	52.9	510	19.3	6.3	<0.001	0.091	0.19	2.0	<0.2	<0.2	263	<0.01	
5636522 (5940514)	0.03	<0.05	18.3	266	38.3	3.2	<0.001	0.061	0.37	1.4	<0.2	<0.2	9.3	<0.01	
5636523 (5940515)	0.01	0.08	9.8	117	25.1	1.1	<0.001	0.037	0.14	0.7	<0.2	<0.2	4.7	<0.01	
5636524 (5940516)	0.02	<0.05	38.8	492	45.9	9.5	<0.001	<0.005	0.07	1.6	<0.2	<0.2	18.7	<0.01	
5636525 (5940517)	0.01	<0.05	30.7	432	79.5	10.6	<0.001	<0.005	0.07	1.3	<0.2	<0.2	13.2	<0.01	
5636526 (5940518)	0.01	<0.05	10.9	251	13.5	6.7	<0.001	0.014	0.32	0.7	0.2	<0.2	5.9	<0.01	
5636527 (5940519)	0.03	<0.05	24.8	382	41.2	5.4	<0.001	0.006	0.13	1.4	<0.2	<0.2	9.4	<0.01	
5636528 (5940520)	0.02	<0.05	31.4	473	16.3	6.3	<0.001	0.102	1.39	2.8	0.2	<0.2	12.5	<0.01	
5636529 (5940521)	0.02	<0.05	18.8	454	6.4	4.7	<0.001	0.006	0.77	3.4	0.2	<0.2	8.2	<0.01	
5636530 (5940522)	0.03	<0.05	34.2	255	47.2	1.2	<0.001	0.032	0.42	3.5	0.2	<0.2	5.6	<0.01	
5636531 (5940523)	0.01	<0.05	20.1	295	29.2	6.4	<0.001	0.044	0.06	1.9	0.2	<0.2	270	<0.01	
5636532 (5940524)	0.03	<0.05	8.6	93	17.8	0.4	<0.001	0.016	0.05	0.8	<0.2	<0.2	71.8	<0.01	
5636533 (5940525)	0.02	1.72	51.7	1200	7.4	0.6	<0.001	0.021	0.21	3.0	<0.2	0.2	116	<0.01	
5636534 (5940526)	<0.01	0.05	39.0	385	26.7	7.0	0.004	0.117	1.60	2.0	0.6	<0.2	7.3	0.01	
5636535 (5940527)	<0.01	<0.05	53.8	914	50.6	7.3	<0.001	0.014	1.98	2.7	0.5	<0.2	6.8	<0.01	
5636536 (5940528)	0.01	<0.05	25.1	517	13.1	5.6	0.002	0.470	0.60	2.0	0.5	<0.2	525	<0.01	
5636537 (5940529)	<0.01	<0.05	18.3	185	13.3	3.7	0.001	0.313	0.38	1.8	0.5	<0.2	591	<0.01	
5636538 (5940530)	0.02	<0.05	13.9	273	25.5	6.0	<0.001	0.005	0.06	0.9	<0.2	<0.2	15.9	<0.01	
5636539 (5940531)	0.01	<0.05	25.2	769	38.9	6.4	<0.001	0.017	0.07	1.6	<0.2	<0.2	23.7	<0.01	
5636540 (5940532)	0.02	<0.05	10.6	194	46.7	2.7	<0.001	0.052	<0.05	1.2	<0.2	<0.2	7.1	<0.01	
5636541 (5940533)	0.02	<0.05	17.7	503	18.3	5.6	<0.001	0.154	<0.05	1.1	0.3	<0.2	71.3	<0.01	

Certified By:





Certificate of Analysis

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

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CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 06, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
5636542 (5940534)	0.03	0.08	11.4	2500	51.3	4.7	<0.001	0.032	0.17	9.6	0.3	<0.2	62.1	<0.01
5636543 (5940535)	0.01	<0.05	16.5	85	13.0	4.8	0.001	0.468	1.03	2.6	0.3	<0.2	250	<0.01
5636544 (5940536)	0.02	0.20	12.9	1020	3.6	4.0	<0.001	0.015	0.12	6.7	<0.2	<0.2	14.5	<0.01
5636545 (5940537)	0.03	<0.05	10.4	320	6.8	3.8	<0.001	<0.005	0.12	2.1	<0.2	<0.2	10.3	<0.01
5636546 (5940538)	0.02	0.39	53.9	1760	4.2	1.5	<0.001	0.018	0.15	25.2	0.2	0.5	34.3	<0.01
5636547 (5940539)	0.02	<0.05	16.4	246	47.0	3.2	<0.001	0.013	0.09	1.6	<0.2	<0.2	23.9	<0.01
5636548 (5940540)	0.02	<0.05	584	26	219	4.2	<0.001	6.11	5.29	4.8	2.6	0.7	225	<0.01
5636549 (5940541)	0.04	<0.05	9.2	170	17.2	1.0	<0.001	0.672	0.10	7.6	0.4	<0.2	512	<0.01
5636552 (5940542)	<0.01	<0.05	9.7	52	104	4.0	<0.001	0.028	0.08	0.5	<0.2	<0.2	7.5	<0.01
5636553 (5940543)	<0.01	0.07	7.4	280	2.7	1.9	<0.001	0.007	<0.05	0.3	<0.2	<0.2	10.7	<0.01
5636554 (5940544)	0.02	3.16	12.3	3600	1.8	7.8	<0.001	0.025	0.09	2.0	<0.2	0.3	69.5	0.02
5636555 (5940545)	0.02	0.09	18.6	316	8.8	6.2	<0.001	0.038	0.25	2.2	<0.2	<0.2	17.7	<0.01
5636556 (5940546)	0.01	0.21	6.6	126	25.2	1.4	<0.001	0.009	0.08	2.0	<0.2	<0.2	8.0	<0.01
5636557 (5940547)	0.01	<0.05	6.8	138	2.9	1.4	<0.001	0.011	0.06	0.3	<0.2	<0.2	2.6	<0.01
5636558 (5940548)	<0.01	<0.05	10.2	104	3.5	3.9	<0.001	0.022	0.11	1.5	0.2	<0.2	32.8	<0.01
5636559 (5940549)	<0.01	0.09	39.4	195	16.9	4.7	0.001	0.023	0.78	4.2	3.4	<0.2	60.7	0.04
5527605 (5940550)	0.01	<0.05	22.4	382	6.5	6.1	<0.001	0.012	0.10	1.4	0.2	<0.2	7.5	<0.01
5527606 (5940551)	0.01	<0.05	12.8	253	15.4	5.2	<0.001	0.029	0.22	0.6	1.0	<0.2	5.2	<0.01
5527608 (5940552)	<0.01	0.12	7.4	<10	1290	1.1	<0.001	>10	5.96	<0.1	11.3	6.6	3.3	<0.01
5527609 (5940553)	<0.01	0.10	111	27	>10000	0.5	<0.001	>10	49.5	<0.1	11.1	13.1	1.0	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

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CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 06, 2014

DATE REPORTED: Oct 29, 2014

SAMPLE TYPE: Rock

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA	Pb-OL	Zn-OL	Ag-GRAV
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001	0.01	0.01	5
5636510 (5940502)	0.04	4.8	0.077	0.04	0.28	38.1	7.79	5.21	71.5	2.4				
5636511 (5940503)	0.03	9.6	<0.005	0.05	0.68	7.8	5.01	3.96	80.8	<0.5				
5636512 (5940504)	0.02	3.2	<0.005	0.02	0.13	3.8	5.89	2.08	27.2	<0.5				
5636513 (5940505)	0.02	5.3	<0.005	0.03	0.19	3.8	4.21	4.24	24.4	0.6				
5636514 (5940506)	0.03	3.9	<0.005	0.03	0.25	6.0	2.98	3.78	26.7	<0.5				
5636515 (5940507)	0.02	1.2	<0.005	0.01	0.15	3.2	3.16	1.94	44.8	<0.5				
5636516 (5940508)	0.06	6.4	<0.005	<0.01	0.48	4.4	2.39	4.72	18.3	0.5				
5636517 (5940509)	0.02	1.7	<0.005	0.02	0.18	6.3	3.13	2.82	28.7	<0.5				
5636518 (5940510)	0.03	5.6	<0.005	0.03	0.58	10.1	1.53	3.36	25.2	<0.5				
5636519 (5940511)	0.04	7.2	<0.005	0.03	0.33	12.3	1.56	3.73	39.3	<0.5				
5636520 (5940512)	0.03	7.5	<0.005	0.04	0.43	40.3	1.30	5.92	92.8	<0.5				
5636521 (5940513)	0.02	4.4	<0.005	0.04	0.24	22.5	1.21	5.44	54.5	<0.5				
5636522 (5940514)	0.03	4.8	<0.005	0.02	0.19	4.2	1.06	2.66	34.0	<0.5				
5636523 (5940515)	0.01	0.9	<0.005	0.01	0.06	2.0	1.19	1.45	37.6	<0.5				
5636524 (5940516)	0.02	11.0	<0.005	0.06	0.73	19.8	0.95	4.31	77.1	<0.5				
5636525 (5940517)	0.04	12.2	<0.005	0.07	0.96	14.5	0.93	4.69	82.3	0.6				
5636526 (5940518)	0.03	7.6	<0.005	0.04	0.27	8.5	0.77	2.32	20.6	0.6				
5636527 (5940519)	0.01	15.3	<0.005	0.04	0.57	19.8	0.83	3.51	63.6	0.6				
5636528 (5940520)	0.05	8.9	<0.005	0.04	0.58	8.3	0.82	5.02	52.8	0.6				
5636529 (5940521)	0.03	8.6	<0.005	0.03	0.49	5.0	0.72	7.05	26.4	0.7				
5636530 (5940522)	0.02	2.0	<0.005	0.01	0.16	28.3	0.62	3.72	97.3	0.9				
5636531 (5940523)	0.01	5.7	<0.005	0.04	0.53	12.4	0.60	8.20	35.7	<0.5				
5636532 (5940524)	<0.01	0.5	<0.005	<0.01	0.44	3.1	0.53	5.27	10.0	<0.5				
5636533 (5940525)	0.01	0.4	0.398	<0.01	0.14	61.7	0.78	2.55	44.6	4.2				
5636534 (5940526)	0.05	11.2	<0.005	0.03	0.32	23.8	0.53	4.44	94.5	<0.5				
5636535 (5940527)	0.04	11.5	<0.005	0.05	0.34	17.2	0.48	8.59	108	0.6				
5636536 (5940528)	0.03	4.8	<0.005	0.03	0.21	13.9	0.51	15.4	67.9	<0.5				
5636537 (5940529)	0.02	3.0	<0.005	0.02	0.11	7.9	0.45	19.1	41.7	<0.5				
5636538 (5940530)	0.03	10.5	<0.005	0.04	0.58	11.1	0.43	1.88	41.0	<0.5				
5636539 (5940531)	0.03	9.4	<0.005	0.04	1.28	6.8	0.43	4.70	36.3	0.5				
5636540 (5940532)	0.03	3.1	<0.005	0.02	0.49	3.5	0.40	1.82	32.5	<0.5				
5636541 (5940533)	0.04	11.0	<0.005	0.03	1.63	7.0	0.38	3.62	30.9	<0.5				

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

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CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014	DATE RECEIVED: Oct 06, 2014					DATE REPORTED: Oct 29, 2014					SAMPLE TYPE: Rock				
Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Au-FA	Pb-OL	Zn-OL	Ag-GRAV	
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	0.001	0.01	0.01	5	
5636542 (5940534)	0.02	5.4	<0.005	0.03	1.35	13.1	0.44	7.36	168	2.3					
5636543 (5940535)	0.03	3.8	<0.005	0.03	0.17	9.8	0.45	5.94	33.1	0.8					
5636544 (5940536)	0.02	2.9	0.032	0.03	0.17	57.0	0.34	3.89	62.6	1.7					
5636545 (5940537)	0.01	5.4	<0.005	0.03	2.33	3.5	0.28	4.48	29.6	1.0					
5636546 (5940538)	<0.01	2.0	0.245	0.01	0.54	236	0.38	11.2	113	1.5					
5636547 (5940539)	0.02	5.6	<0.005	0.02	0.47	9.7	0.26	2.35	38.4	<0.5					
5636548 (5940540)	0.09	0.2	<0.005	0.04	0.07	20.7	0.38	3.24	102	<0.5	2.42				
5636549 (5940541)	0.02	0.3	<0.005	<0.01	<0.05	10.3	0.29	11.0	27.5	<0.5					
5636552 (5940542)	0.03	5.3	<0.005	0.03	0.32	3.3	0.22	1.71	11.9	0.5					
5636553 (5940543)	0.01	1.1	<0.005	0.01	0.10	4.6	0.22	1.37	9.8	<0.5					
5636554 (5940544)	0.02	1.2	0.223	0.02	0.17	79.3	0.55	5.46	108	2.3					
5636555 (5940545)	0.01	10.8	<0.005	0.04	0.86	8.4	0.21	4.62	42.0	0.9					
5636556 (5940546)	0.01	1.3	<0.005	0.02	0.19	4.6	0.21	4.24	65.7	<0.5					
5636557 (5940547)	0.01	1.1	<0.005	0.01	0.13	2.3	0.16	1.35	18.7	<0.5					
5636558 (5940548)	0.01	4.8	<0.005	0.02	0.23	7.2	0.19	6.26	35.6	0.7					
5636559 (5940549)	0.03	3.7	<0.005	0.04	83.2	15.3	0.45	193	567	0.8					
5527605 (5940550)	<0.01	9.4	<0.005	0.04	1.03	15.5	0.21	4.46	79.8	1.1					
5527606 (5940551)	0.02	3.2	<0.005	0.02	0.30	8.5	0.16	2.12	74.6	1.9					
5527608 (5940552)	0.88	0.2	<0.005	0.01	0.08	5.3	0.32	0.26	552	<0.5	8.29			49	
5527609 (5940553)	0.36	0.2	<0.005	0.01	<0.05	5.0	0.30	0.30	>10000	<0.5	12.4	2.34	17.7	81	

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	5940502	0.09	0.11	20.0%	5940521	0.082	0.072	13.0%	5940540	6.17	5.76	6.9%				
Al	5940502	1.28	1.30	1.6%	5940521	0.26	0.26	0.0%	5940540	0.158	0.152	3.9%				
As	5940502	40.4	38.4	5.1%	5940521	9.91	9.32	6.1%	5940540	515	506	1.8%				
Au	5940502	< 0.005	< 0.005	0.0%	5940521	0.006	< 0.005		5940540	2.29	0.787					
B	5940502	< 5	< 5	0.0%	5940521	< 5	< 5	0.0%	5940540	< 5	< 5	0.0%				
Ba	5940502	59	61	3.3%	5940521	31	31	0.0%	5940540	11	10	9.5%				
Be	5940502	0.28	0.31	10.2%	5940521	0.17	0.17	0.0%	5940540	0.403	0.375	7.2%				
Bi	5940502	0.16	0.16	0.0%	5940521	0.10	0.10	0.0%	5940540	9.25	9.35	1.1%				
Ca	5940502	3.58	3.53	1.4%	5940521	0.06	0.06	0.0%	5940540	2.62	2.58	1.5%				
Cd	5940502	0.53	0.54	1.9%	5940521	0.08	0.08	0.0%	5940540	0.16	0.17	6.1%				
Ce	5940502	24.3	25.8	6.0%	5940521	40.8	39.0	4.5%	5940540	1.10	1.08	1.8%				
Co	5940502	18.1	18.9	4.3%	5940521	9.9	9.4	5.2%	5940540	45.5	41.9	8.2%				
Cr	5940502	60.6	61.4	1.3%	5940521	18.9	20.7	9.1%	5940540	230	241	4.7%				
Cs	5940502	0.34	0.35	2.9%	5940521	0.175	0.165	5.9%	5940540	0.35	0.34	2.9%				
Cu	5940502	29.9	29.7	0.7%	5940521	6.81	7.05	3.5%	5940540	13.1	12.5	4.7%				
Fe	5940502	3.44	3.48	1.2%	5940521	3.59	3.58	0.3%	5940540	7.78	7.58	2.6%				
Ga	5940502	4.94	5.07	2.6%	5940521	0.709	0.681	4.0%	5940540	0.66	0.64	3.1%				
Ge	5940502	0.120	0.114	5.1%	5940521	0.148	0.144	2.7%	5940540	0.17	0.17	0.0%				
Hf	5940502	0.08	0.08	0.0%	5940521	< 0.02	< 0.02	0.0%	5940540	< 0.02	< 0.02	0.0%				
Hg	5940502	0.01	< 0.01		5940521	< 0.01	< 0.01	0.0%	5940540	< 0.01	< 0.01	0.0%				
In	5940502	0.024	0.025	4.1%	5940521	0.0334	0.0314	6.2%	5940540	0.051	0.052	1.9%				
K	5940502	0.11	0.11	0.0%	5940521	0.10	0.10	0.0%	5940540	0.06	0.06	0.0%				
La	5940502	11.1	11.8	6.1%	5940521	19.4	18.3	5.8%	5940540	0.4	0.4	0.0%				
Li	5940502	22.4	23.4	4.4%	5940521	0.92	0.83	10.3%	5940540	3.48	3.42	1.7%				
Mg	5940502	0.884	0.897	1.5%	5940521	0.04	0.04	0.0%	5940540	5.79	5.69	1.7%				
Mn	5940502	894	908	1.6%	5940521	1020	1020	0.0%	5940540	624	629	0.8%				
Mo	5940502	1.38	1.33	3.7%	5940521	0.93	0.96	3.2%	5940540	1.16	1.03	11.9%				
Na	5940502	0.02	0.02	0.0%	5940521	0.02	0.02	0.0%	5940540	0.02	0.02	0.0%				
Nb	5940502	0.47	0.48	2.1%	5940521	< 0.05	< 0.05	0.0%	5940540	< 0.05	< 0.05	0.0%				
Ni	5940502	50.3	51.1	1.6%	5940521	18.8	18.8	0.0%	5940540	584	585	0.2%				
P	5940502	916	964	5.1%	5940521	454	486	6.8%	5940540	26	35	29.5%				



CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

Pb	5940502	15.3	16.1	5.1%	5940521	6.35	5.99	5.8%	5940540	219	220	0.5%				
Rb	5940502	5.7	5.6	1.8%	5940521	4.68	4.50	3.9%	5940540	4.15	4.12	0.7%				
Re	5940502	< 0.001	< 0.001	0.0%	5940521	< 0.001	< 0.001	0.0%	5940540	< 0.001	< 0.001	0.0%				
S	5940502	0.0642	0.0650	1.2%	5940521	0.006	0.006	0.0%	5940540	6.11	5.87	4.0%				
Sb	5940502	0.450	0.476	5.6%	5940521	0.765	0.669	13.4%	5940540	5.29	5.38	1.7%				
Sc	5940502	4.28	4.20	1.9%	5940521	3.36	3.18	5.5%	5940540	4.8	4.7	2.1%				
Se	5940502	0.2	0.2	0.0%	5940521	0.2	0.2	0.0%	5940540	2.6	2.6	0.0%				
Sn	5940502	0.2	0.2	0.0%	5940521	< 0.2	< 0.2	0.0%	5940540	0.7	0.7	0.0%				
Sr	5940502	217	223	2.7%	5940521	8.2	7.8	5.0%	5940540	225	216	4.1%				
Ta	5940502	< 0.01	< 0.01	0.0%	5940521	< 0.01	< 0.01	0.0%	5940540	< 0.01	< 0.01	0.0%				
Te	5940502	0.04	0.04	0.0%	5940521	0.03	0.03	0.0%	5940540	0.09	0.09	0.0%				
Th	5940502	4.8	5.0	4.1%	5940521	8.61	8.24	4.4%	5940540	0.2	0.1					
Ti	5940502	0.0773	0.0791	2.3%	5940521	< 0.005	< 0.005	0.0%	5940540	< 0.005	< 0.005	0.0%				
Tl	5940502	0.04	0.04	0.0%	5940521	0.03	0.03	0.0%	5940540	0.036	0.035	2.8%				
U	5940502	0.282	0.288	2.1%	5940521	0.49	0.48	2.1%	5940540	0.07	0.07	0.0%				
V	5940502	38.1	39.1	2.6%	5940521	5.03	5.09	1.2%	5940540	20.7	20.4	1.5%				
W	5940502	7.79	6.25	21.9%	5940521	0.716	0.644	10.6%	5940540	0.38	0.36	5.4%				
Y	5940502	5.21	5.43	4.1%	5940521	7.05	6.57	7.0%	5940540	3.24	3.18	1.9%				
Zn	5940502	71.5	70.2	1.8%	5940521	26.4	26.3	0.4%	5940540	102	97.9	4.1%				
Zr	5940502	2.4	2.4	0.0%	5940521	0.67	0.59	12.7%	5940540	< 0.5	< 0.5	0.0%				



CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4 (ref.CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	180	201	112%	90% - 110%	180	192	106%	90% - 110%	180	193	107%	90% - 110%	180	192	107%	90% - 110%
Cu	3494	3328	95%	90% - 110%	3494	3267	94%	90% - 110%	3494	3391	97%	90% - 110%	3494	3289	94%	90% - 110%
Ni	2985	2727	91%	90% - 110%	2985	2729	91%	90% - 110%	2985	2740	92%	90% - 110%	2985	2726	91%	90% - 110%

Method Summary

CLIENT NAME: HAPPY CREEK MINERALS LTD.

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

ATTENTION TO: DAVID BLANN

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HAPPY CREEK MINERALS LTD.

AGAT WORK ORDER: 14V898216

PROJECT: SD Project

ATTENTION TO: DAVID BLANN

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Au-FA	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP/OES
Pb-OL	MIN-200-12002/12020		ICP/OES
Zn-OL	MIN-200-12002/12020		ICP/OES
Ag-GRAV	MIN-200-12006		GRAVIMETRIC

CLIENT NAME: HAPPY CREEK MINERALS LTD.
SUITE 460-789 WEST PENDER STREET
VANCOUVER, BC V6C1H2
(604) 662-8310

ATTENTION TO: DAVID BLANN

PROJECT: SD Project

AGAT WORK ORDER: 14V902367

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Oct 28, 2014

PAGES (INCLUDING COVER): 7

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 14V902367

PROJECT: SD Project

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 15, 2014

DATE RECEIVED: Oct 15, 2014

DATE REPORTED: Oct 28, 2014

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
Sample ID (AGAT ID)														
5636550 (5940617)	2.30	0.10	1.19	21.0	0.005	<5	94	0.33	0.29	0.63	0.28	21.0	25.0	64.8
5636551 (5940618)	1.08	0.24	1.31	23.3	0.012	<5	113	0.35	0.35	0.61	0.32	24.0	27.2	68.4
5527607 (5940619)	1.32	0.76	2.99	39.6	0.006	<5	73	2.45	0.49	0.07	3.76	29.7	179	14.7
Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
Sample ID (AGAT ID)														
5636550 (5940617)	0.78	32.2	4.85	3.89	0.24	0.03	0.01	0.027	0.04	10.1	25.8	0.99	1130	0.97
5636551 (5940618)	0.91	39.3	5.04	4.18	0.23	0.03	0.02	0.030	0.05	11.4	27.7	0.99	1220	1.31
5527607 (5940619)	2.38	105	6.23	3.50	0.26	0.06	0.14	0.040	0.04	12.9	89.7	0.25	14800	2.18
Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
Sample ID (AGAT ID)														
5636550 (5940617)	<0.01	0.68	74.9	1480	22.2	3.8	<0.001	0.194	0.85	3.4	0.6	<0.2	52.6	<0.01
5636551 (5940618)	<0.01	0.83	77.9	1530	46.9	4.5	<0.001	0.225	0.90	3.8	0.8	<0.2	51.5	<0.01
5527607 (5940619)	<0.01	0.23	316	1140	232	7.0	0.001	0.087	2.78	2.3	3.5	2.9	13.8	<0.01
Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr				
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm				
RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5				
Sample ID (AGAT ID)														
5636550 (5940617)	0.08	5.6	0.022	0.03	0.57	33.3	0.80	5.75	103	0.6				
5636551 (5940618)	0.07	5.8	0.024	0.04	0.73	36.3	0.54	6.10	106	0.6				
5527607 (5940619)	0.10	7.9	0.006	0.17	3.00	13.6	0.49	13.1	836	1.9				

Comments: RDL - Reported Detection Limit

Certified By:

Ron Cardinal



CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				RPD													
	Sample ID	Original	Replicate	RPD														
Ag	5940617	0.10	0.23															
Al	5940617	1.19	1.18	0.8%														
As	5940617	21.0	21.8	3.7%														
Au	5940617	0.005	0.156															
B	5940617	< 5	< 5	0.0%														
Ba	5940617	94	94	0.0%														
Be	5940617	0.33	0.33	0.0%														
Bi	5940617	0.294	0.347	16.5%														
Ca	5940617	0.63	0.61	3.2%														
Cd	5940617	0.28	0.27	3.6%														
Ce	5940617	21.0	21.7	3.3%														
Co	5940617	25.0	25.3	1.2%														
Cr	5940617	64.8	63.9	1.4%														
Cs	5940617	0.783	0.796	1.6%														
Cu	5940617	32.2	32.2	0.0%														
Fe	5940617	4.85	4.80	1.0%														
Ga	5940617	3.89	4.01	3.0%														
Ge	5940617	0.240	0.234	2.5%														
Hf	5940617	0.03	0.03	0.0%														
Hg	5940617	0.01	0.01	0.0%														
In	5940617	0.027	0.027	0.0%														
K	5940617	0.04	0.04	0.0%														
La	5940617	10.1	10.4	2.9%														
Li	5940617	25.8	27.2	5.3%														
Mg	5940617	0.985	0.969	1.6%														
Mn	5940617	1130	1130	0.0%														
Mo	5940617	0.967	0.995	2.9%														
Na	5940617	< 0.01	< 0.01	0.0%														
Nb	5940617	0.682	0.644	5.7%														
Ni	5940617	74.9	72.3	3.5%														
P	5940617	1480	1430	3.4%														



CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

Pb	5940617	22.2	25.7	14.6%															
Rb	5940617	3.8	3.8	0.0%															
Re	5940617	< 0.001	< 0.001	0.0%															
S	5940617	0.194	0.165	16.2%															
Sb	5940617	0.852	0.917	7.3%															
Sc	5940617	3.4	3.5	2.9%															
Se	5940617	0.59	0.54	8.8%															
Sn	5940617	< 0.2	< 0.2	0.0%															
Sr	5940617	52.6	52.3	0.6%															
Ta	5940617	< 0.01	< 0.01	0.0%															
Te	5940617	0.08	0.08	0.0%															
Th	5940617	5.63	6.00	6.4%															
Ti	5940617	0.0218	0.0214	1.9%															
Tl	5940617	0.03	0.03	0.0%															
U	5940617	0.57	0.57	0.0%															
V	5940617	33.3	33.2	0.3%															
W	5940617	0.801	0.652	20.5%															
Y	5940617	5.75	5.83	1.4%															
Zn	5940617	103	94.1	9.0%															
Zr	5940617	0.6	0.6	0.0%															



CLIENT NAME: HAPPY CREEK MINERALS LTD.

ATTENTION TO: DAVID BLANN

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)													
	Expect	Actual	Recovery	Limits										
Co	180	182	101%	90% - 110%										
Cu	3494	3396	97%	90% - 110%										
Ni	2985	2986	100%	90% - 110%										

Method Summary

CLIENT NAME: HAPPY CREEK MINERALS LTD.

AGAT WORK ORDER: 14V902367

PROJECT: SD Project

ATTENTION TO: DAVID BLANN

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: HAPPY CREEK MINERALS LTD.

AGAT WORK ORDER: 14V902367

PROJECT: SD Project

ATTENTION TO: DAVID BLANN

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS