# TECHNICAL REPORT

# on the

# KENO-LIGHTNING PROJECT

Homestake 1 to 5 (YC38987 to YC38991)
Homestake 6 to 26 (YC39474 to YC39494)
Homestake 27 to 32 (YC39564 to YC39569)
Homestake 33 to 36 (YC39890 to YC39893)
Homestake 37 to 39 (YC57031 to YC57033)
Homestake 37 to 39 (YC57462 to YC57464)
Homestake 40 Fraction (YC68018)
HS 1 to 5 (YD34912 to YD34916)
Maja 1 to 8 (YC38992 to YC38999)
Maja 9 to 14 (YC39004-YC39008, YC39543)
Maja 15 to 24 (YC39878 to YC39887)
Murray 1 to 4 (YC39000 to YC39003)
Murray 5 to 11 (YC38963 to YC38969)
Murray 12 to 17 (YC56160 to YC56165)
Maja 25 to 36 (YC57465 to YC57476)
Ski 1 to 42 (YC39009 to YC39050)
Ski 43 to 48 (YC39451-454, YC39888-889)
Ski 49 to 90 (YC56166-75, YC67504-35
Ski 91 to 190 (YC68194-287, 328-33)
Aho 21 to 42 (YD11271-282, 289-300)
Aho 43 to 56 (YD22789 to 800)
Blanche, Blanche Fr (YC00365, YC69939)

**NTS: 105M/14, 15**

**Latitude 63°54'N Longitude 135°11'W**

**Mayo Mining District**

Work performed between September 14 and October 31, 2007,
June 19 and September 23, 2008,
September 1 and October 30, 2009,
and between August 1 and September 29, 2010.

**For**
**Monster Mining Corp.**
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July 31, 2010
Amended February 22, 2011
Amended March 29, 2011

# 1.0 Executive Summary

The 6,650 hectare Keno-Lightning Project, NTS map sheets 105M/14 & 15, is located on eastern Keno Hill and the northern slope of Bunker Hill within the western flank of the Wernecke Mountains of the Yukon Plateau in central Yukon. The property lies approximately 5 km east of Keno City, 465 km by road northeast of Whitehorse, Yukon Territory within the Mayo Mining District with a latitude of 63°54'N and a longitude of 135°11'W. Good road and trail access exists to and on the claims. The claims are under option to Monster Mining Corp. (formerly Northex Ventures Inc.) of Vancouver, British Columbia, who funded the 2007 to 2010 programs.

The Keno-Lightning Project is situated within the Keno silver mining camp, which hosts more than 65 deposits and occurrences with all of the mineable silver veins occurring in a 26 km by 1 to 6.4 km wide area. The Keno mining camp produced silver from 1914 until 1989, with production from 1921 to 1988 totaling 4,872,423 tonnes averaging 1,389 g/t Ag, 5.6% Pb and 3.1% Zn *(Deklerk and Traynor, 2005)*. The above production information has not been independently verified by the author and is not necessarily indicative of the mineralization on the Keno-Lightning Project which is the subject of this report. Mineralization primarily consists of galena, sphalerite and freibergite in a gangue of siderite ±quartz and is commonly associated with northeast trending, southeast dipping fault fissures. Most of the deposits occur within the Keno Hill Quartzite. Gold and silver bearing quartz veins occur peripheral to the silver-lead-zinc deposits at Keno Hill.

The Keno Hill camp is an example of a clastic metasediment hosted silver-lead-zinc enriched polymetallic vein deposit model such as the Coeur d'Alene district in Idaho, USA. Commodities in this type of deposit typically include silver, lead, zinc with lesser gold, copper and manganese and individual vein systems range from several hundred to several million tonnes grading from 5 to 1500 g/t Ag, 0.5 to 20% Pb and 0.5 to 8% Zn. The above mineralization and grade and tonnage figures are not necessarily indicative of the mineralization on the Keno-Lightning Project which is the subject of this report.

The Keno-Lightning Project is underlain by Early Carboniferous Keno Hill Quartzite and phyllitic metasedimentary rocks of the Devono-Mississippian Earn Group, with lesser Earn Group felsic metavolcanic schist and intruded by Triassic greenstone and Cretaceous porphyritic aplite dykes and sills. There are eight documented Minfile occurrences within the Keno-Lightning Project, the Nabob, Silver Basin, Duncan, Caribou, Avenue, Faith, Bema and Homestake.

Exploration prior to 2007, dating back to 1919, has included many old pits, shafts, short adits and hand and excavator trenches over the main showings. Due to the age of the historical data, the range of results and dimensions are not known, but are not relevant at this early exploration stage. All minimum values can be considered as zero. The only previous documented drilling is 203.9m of underground drilling in 4 holes in the Homestake Adit. The Nabob #2 vein on the Nabob is reported to assay 11,527 g/t Ag and 29.8% Pb over 35.6 cm and traced for 200m. At least five veins are previously

reported on the Silver Basin with assays of 2057 g/t Ag and 13.7 g/t Au reported. In the 1920's 11.8 tons of ore grading 25,462 g/t Ag and 22% Pb were produced from the Duncan, 11.3 tons of ore from the Faith with assays up to 7,313 g/t Ag reported from the dump, and 78.9 tons of ore grading 6,103.9 g/t Ag and 70% Pb from the Caribou. More recent work on the Caribou returned 8,571.2 g/t Ag over 0.3m in 1986. A narrow argentiferous vein was traced for 1220m on the Avenue in the 1950's. At the Bema a quartz vein with minor disseminated arsenopyrite within a 5m stockwork zone is reported to assay 31.5 g/t Au. Work in the 1960's on the Homestake uncovered three veins, one of which returned maximum values of 102.9 g/t Au over narrow widths, with another reportedly assaying 1,131.4 g/t Ag, 2.2% Pb and 0.5% Zn over 7.6m.

The 2007 and Phase 1, 2008 programs by Northex Ventures Inc. (now Monster Mining Corp.) consisted of a geological examination and evaluation of the old showings across the Keno-Lightning Project with concurrent rock geochemical sampling, road/trail rehabilitation, with trenching and an ineffective HLEM geophysical survey on the Homestake group. The program was successful in locating the showings, verifying significant grades and delineating additional mineralization.

The Phase 2, 2008 program by Monster Mining Corp. consisted of 1,762m of diamond drilling in 17 holes, 1,510m of rotary air blast drilling in 53 holes, additional trenching and minor prospecting. Soil surveys were completed on the western Homestake, upper Faith Gulch and Mt. M$^{c}$Faull areas by Monster Mining Corp. in 2009. Only two of the showings, the Homestake and the Caribou, were tested by the 2008 diamond drill program with trenching completed on the Homestake, Caribou and Faith.

The 2008 diamond drill program on the Keno-Lightning Project was successful in tracing the Homestake No.2a vein for 660m along strike (remaining open along strike), a maximum tested depth of 50m, and was instrumental in the interpretation of the veins, indicating two veins at Homestake 2, the No.2 and No.2a veins. Consequently, the 2008 holes were generally not deep enough to intersect the No.2 vein. The best drill intersection on the Homestake No.2a vein is 50.3 g/t Ag, 1.19 g/t Au, 1.87% Pb and 0.20% Zn over 4.5m, including 109 g/t Ag, 2.00 g/t Au, 4.1% Pb over 1.1m in DDH HS009. The vein was not tested below the best surface intersection, which returned 8.2 g/t Au, 118 g/t Ag, 5.3% Pb and <1% Zn over 3.55m in Trench H-TR5 in 2007. The Homestake No.2 vein was traced over a strike length of 45m in the lower part of H-TR1, with maximum results of 22.1 g/t Au, 332 g/t Ag, 13% Pb and 0.57% Zn over 0.35m.

The Homestake No.1 vein was intersected in DDH 08HS001 and 002 down dip from a significant intersection in H-TR4 (2,844 g/t Ag, 300 ppb Au, 25.9% Pb and 6.1% Zn across 4m) but core loss and schistose wallrocks resulted in poor results. Potential exists along strike to the northeast and southwest in areas of favourable quartzite wallrock. The drill program was also successful in intersecting the Caribou vein with significant results including 239 g/t Ag, 179 ppb Au, 10.9% Pb and 0.45% Zn over 2.6m in DDH 08CH005. Good potential exists within the favourable quartzite unit to the south and at depth.

Evidence of five, possibly six, veins was found on the Silver Basin showing in 2007 to 2008 in a favourable setting with significant results including 8.10 g/t Au and 18.1 g/t Ag from either the No.1 vein or the Main vein, 4.5 g/t Au, 2720 g/t Ag and 37.3% Pb from the No.2 vein, and 6.70 g/t Au, 832 g/t Ag, 7.2% Pb, 0.98% Zn from the No.3 vein.

A total of 2,251m of diamond drilling in 18 holes was completed on the Keno-Lightning Project in 2010 with 1104.5m in 7 holes from two pads conducted on the Silver Basin, and 1146.7m in 11 holes on the Homestake.

The 2010 Silver Basin drill program targeted depth extensions of the No.1, 2, 3, 5 and Main veins. Seven holes drilled from two locations intersected a number of quartz vein zones, returning high manganese and arsenic but no significant gold or silver mineralization.

The 2010 Homestake drill program tested the No.2a vein to a vertical depth of 78m in holes HS10-001 and 006. Hole HS10-009 intersected the No.2a vein at a down-hole depth of 33.35m. Holes HS10-008 and 010, which targeted the No.2 and 2a veins, did not intersect any significant mineralization. These holes were also designed to target the No.2 vein, as were holes HS10-008, 010 and 011, however, only hole HS10-010 achieved its planned depths and none of the holes were drilled deep enough to intersect the No.2 vein. Holes HS10-002, 003, 004, 005 and 007, which targeted high-grade mineralization in vein No.2 outcropping in Trench H-TR1, did not intersect any significant mineralization. The best drill intersections on the Homestake in 2010 were from the No.2a vein in HS10-001 with 3387.6 ppb Au over 2.7m, and in HS10-006 with 4027 g/t Ag (129.5 oz/t) over 0.27m.

Most of the 2010 drill holes failed to reach their planned target depths due to bad ground conditions resulting in inadequate testing of much of the Homestake prospect, in particular the No.1 and 2 veins. It is recommended that future drill programs utilize heavier, more powerful drills and HQ diameter drill steel (not thin wall) to improve recovery and attain planned target depths. Historically, poor core recovery is a problem within the Keno Hill mining camp.

Other veins at the Homestake prospect include the Shaft vein at the start of Trench H-TR4 which returned 3168 g/t Ag, 4.67 g/t Au, 0.15% Pb, 2.56% Zn and 2.83% Cu across 0.9m in Phase 1, 2008 and a 110º/70ºS trending quartz vein (B vein) with stibnite, arsenopyrite and lesser galena, 850m southeast of the Homestake shaft, which returned 10.0 g/t Au, 74 g/t Ag, 1.98% Pb and 0.18% Zn across 3m in 2007. The vein was traced for 65m along strike to the east, returning maximum values of 7.22 g/t Au, 102 g/t Ag, 1.69% Pb and 0.67% Zn near its eastern end. Mineralization appears to be caught up in the Bunker Hill cross fault and has not been prospected along a pronounced lineament sub-parallel to the Homestake No.1 and 2 veins.

Additional untested potential exists at the junction of the Duncan vein with the possible projection of the Alice vein, which would occur near the Duncan shaft area, and to the northeast; the headwaters of Faith Gulch in an area of 2009 soil anomalies and initial anomalous prospecting samples on trend of the Helen and Divide veins (and/or Bema No.2) and the Bema No.3 vein; the southern extent of the reportedly persistent Avenue

vein at the projected junction with the Main Fault and Nabob longitudinal vein fault; and at the Bema silver and gold showings with similar precious metal potential to the Mt. Hinton veins.

Dump material from the Duncan showing returned 0.93 g/t Au, 1520 g/t Ag, 38.0% Pb and 0.8% Zn, with 5.14 g/t Au found in a quartz vein 1 km to the northeast. Values of 2.35 g/t Au, 2640 g/t Ag and 37.3% Pb and 0.69 g/t Au, 2160 g/t Ag and 13.4% Pb were obtained from grab samples of the Faith vein. Significant results were obtained from old workings in the headwaters of Faith Gulch. The veins appear to represent the strike extensions of the Helen, Divide veins (and/or Bema No.2) and the Bema No.3 vein. Results include 1.13 g/t Au, 4,713 g/t Ag, 34.1% Pb, 5.73% Zn, maximum values of 1.41 g/t Au and 452 g/t Ag from the Bema No.3 vein and 2.58 g/t Au, 510 g/t Ag and 3.5% Pb, from a vein 175m northwest of the Bema No.3 vein showing.

Results from the Bema silver showing returned 1.67 g/t Au, 2668 g/t Ag and 28.5% Pb from a 070º/60ºN trending vein. The Bema gold showing with approximate co-ordinates of 7087303mN, 494790mE, Nad 83, Zone 8 projection could not be located but quartz float with arsenopyrite returned 9.5 g/t Au, 18.2 g/t Ag. Gold results of 1.16 g/t Au were obtained from float in the Bema trench, 125m downslope to the north. The float occurrences may be an extension of the original vein-stockwork showing that carried 31.5 g/t Au.

Based on the high grade precious and base metal mineralization on the Keno-Lightning Project, a $1.6 million Phase I exploration program is recommended for airborne and surface geophysics, prospecting, trenching and diamond drilling to explore the numerous veins at other significant showings across the property. Initially airborne VTEM (versatile time-domain electromagnetic) and magnetics/radiometrics surveys are recommended followed by prospecting and ground truthing, surface induced polarization geophysics, trenching and 4,500m of diamond drilling.

The Caribou vein zone should be traced along strike to the south and at depth. An attempt should be made to trace the Duncan vein by excavator trenching along strike to the south towards the projected intersection with the Caribou Hill Fault. Excavator trenching is also necessary at the Avenue showing to expose the original vein which was reportedly traced for 1220m. Additional trenching above the Bema trench is recommended to expose the vein-stockwork zone that carried 31.5 g/t Au and attempt to trace it along strike. Other targets include the possible extension of the Porcupine vein, historically the most productive of all the longitudinal type veins in the Keno Hill District through the Gold Hill No.2 prospect and into the Duncan area; the headwaters of Faith Gulch in the area of 2009 soil anomalies and initial anomalous prospecting samples on trend of the Helen and Divide veins and the Bema No.3 vein; and along trend of the Homestake B Vein on Bunker Hill.

A $1.9 million Phase 2 program consisting of 7,500m of diamond drilling, contingent on positive results from Phase 1, is recommended as follow up and should focus on delineating vein mineralization encountered during the Phase 1 program and follow up of previous significant drill and trench intersections on the Homestake.

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## 2.0 INTRODUCTION AND TERMS OF REFERENCE

### 2.1 Qualified Person And Participating Personnel

Ms. Jean M. Pautler, P.Geo. was commissioned by Monster Mining Corp. of Vancouver, British Columbia to examine the geology and mineralization on the Keno-Lightning Project, to review the results of a diamond drill program and additional trenching completed in the second half of 2008 and a soil survey in 2009, and to make recommendations for the next phase of exploration work in order to test the economic potential of the property *(Pautler, 2010)*. The Phase 1 diamond drill program recommended by the author was subsequently completed in 2010 under the supervision of Dr. Art Ettlinger, P.Geo and Ms. Joanna Ettlinger, MAusIMM. The author was commissioned by Monster Mining Corp. to amend the 2010 report to include the 2010 drill program.

The author supervised a trenching and geophysics program on the Homestake portion of the project between October 1 and 14, 2007 *(Pautler, 2008a)*. The author was assisted in the field by Mr. Matthias Bindig of Keno City, Yukon Territory, the registered owner of most of the claims constituting the Keno-Lightning property, and Mr. Bindig and Mr. Mark Roden, experienced prospector, conducted prospecting in 2008. Mr. Jim M$^{c}$Faull, with 20 years' experience exploring the Keno Hill mining camp, provided a one day overview of the Homestake group on October 2, 2007 and on the Caribou and Faith showings on June 26, 2008, provided technical background on the Keno Hill mining camp, the Keno-Lightning Project area and the regional framework, and supervised the 2008 drill and trenching program *(M$^{c}$Faull, 2009)*. Ms. Lauren Blackburn, geologist of Whitehorse, Yukon was involved in the Phase 2 exploration program in late 2008 and in 2009.

The report describes the property in accordance with the guidelines specified in National Instrument 43-101 and is based on historical information and a review of the 2010 drill program, an examination and evaluation of the property by the author on June 1 and July 24-25, 2010, between June 27 and 30 and July 22 and 24, 2008, from September 14 to 18, 2007 and work on the property from October 1 to 14, 2007. The author reviewed and evaluated the data from the late 2008 and 2009 programs on the project and examined the 2008 drill core stored at the premises of Monster Mining Corp. in Whitehorse, Yukon. A personal inspection of the drill sites and on site core storage was completed by the author on June 1, 2010. An orientation review was provided by the author to Dr. Art Ettlinger on July 24-25, 2010 at which time trenches at the Silver Basin and trench and drill locations at the Homestake showings were visited.

### 2.2 Terms, Definitions And Units

All costs contained in this report are denominated in Canadian dollars. Distances are primarily reported in metres (m) and kilometres (km) and in feet (ft) when reporting historical data. The annotation 060º/70ºSE refers to an azimuth of 060 degrees, dipping 70 degrees to the southeast. GPS refers to global positioning system with coordinates reported in Nad 83 datum, Zone 8 projection. ASL refers to above sea level. Minfile

showing refers to documented mineral occurrences on file with the Yukon Geological Survey. DDH refers to diamond drill hole and RAB a rotary air-blast drill method. VLF-EM refers to a very low frequency electromagnetic type of geophysical survey and HLEM, an electromagnetic type of geophysical survey utilizing a horizontal loop.

The term ppm refers to parts per million, which is equivalent to grams per metric tonne (g/t) and ppb refers to parts per billion. The abbreviation oz/ton and oz/t refers to troy ounces per imperial short ton. The symbol % refers to weight percent unless otherwise stated. QAQC refers to quality assurance and quality control.

Elemental abbreviations used in this report include: gold (Au), silver (Ag), lead (Pb), zinc (Zn), copper (Cu), iron (Fe), arsenic (As), antimony (Sb), manganese (Mn), sulphide (S) and oxide (O). Minerals found on the Keno-Lightning Project include pyrite and pyrrhotite (iron sulphides), arsenopyrite (FeAsS), freibergite (AgCuSbAsS), sphalerite (ZnS), galena (PbS), chalcopyrite (CuS), boulangerite (PbSbS), bournonite (PbCuSbS), pyrargyite and stephanite, both (AgSbS), polybasite (AgCuSbS), argentite (AgS) and cerussite (Pb carbonate).

## 2.3 Source Documents

Sources of information are detailed below and include the available public domain information and private company data.

- Research of the Minfile data available for the area at www.geology@gov.yk.ca .
- Research of mineral titles at http://gysde.gov.yk.ca and www.mapsyukon.gov.yk.ca.
- Review of company reports and annual assessment reports filed with the government at http://emr.gov.yk.ca/library/.
- Review of geological maps and reports completed by the Yukon Geological Survey or its predecessors.
- Published scientific papers on the geology and mineral deposits of the region and on mineral deposit types.
- Discussions with Mr. Jim M$^{c}$Faull who has 20 years of experience exploring the Keno Hill mining camp, including the area covered by the Keno-Lightning Project.
- The author has recent previous independent experience and knowledge of the area having worked on the privately owned B property on the north flank of Keno Hill and 20 mining leases on Keno and Galena Hills for Southern Rio Resources Limited, which included the area staked as the Murray 1 claim of the Keno-Lightning Project.
- Work and inspections on the property by the author from September 14 to 18 and October 1 to 14, 2007, between June 27 and 30 and July 22 and 24, 2008 and on June 1 and July 24 to 25, 2010.
- A review of the news releases and website of Monster Mining Corp., and of pertinent news releases of other companies conducting work in the regional area.

## 2.4 Limitations, Restrictions And Assumptions

The author has assumed that the previous documented work on the property is valid and has not encountered any information to discredit such work. Limited check samples collected in 2007 and 2008 by the author are consistent with the tenor of mineralization

previously reported by several operators but do not constitute detailed quantitative check analyses.

## 2.5 Scope

This report describes the geology, previous exploration history and mineral potential of the Keno-Lightning Project. Research included a review of the historical work that related to the immediate and surrounding area of the property. Regional geological data and current exploration information have been reviewed to determine the geological setting of the mineralization and to obtain an indication of the level of industry activity in the area.

The property was examined and evaluated by the author from September 14 to 18 and October 1 to 14, 2007, and between June 27 and 30 and July 22 and 24, 2008 for Northex Ventures Inc. (now Monster Mining Corp.). Work consisted of a geological and rock geochemical evaluation over the entire project area, and a trenching and HLEM geophysics program on the Homestake group.

The author reviewed and evaluated the data from the late 2008 to 2010 programs on the project and examined the 2008 drill core stored at the premises of Monster Mining Corp. in Whitehorse, Yukon. A personal inspection of the drill sites and on site core storage was completed by the author on June 1, 2010. The property was visited on July 24 and 25, 2010 for a personal inspection and to provide a one day orientation to Dr. Art Ettlinger. The proposed 2010 drill sites were examined at this time. A new site visit has not been made following the 2010 drill program due to inaccessibility and obscurity due to snow cover, and is not deemed necessary due to the author's strong familiarity with the property, including sites drilled and the supervision of the program by competent professionals.

Based on the literature review, property examinations and results of the 2007 to 2010 programs, recommendations are made for the next phase of exploration work. An estimate of costs has been made based on current rates for drilling, geophysical surveys and professional fees in the Yukon Territory.

# 3.0 RELIANCE ON OTHER EXPERTS

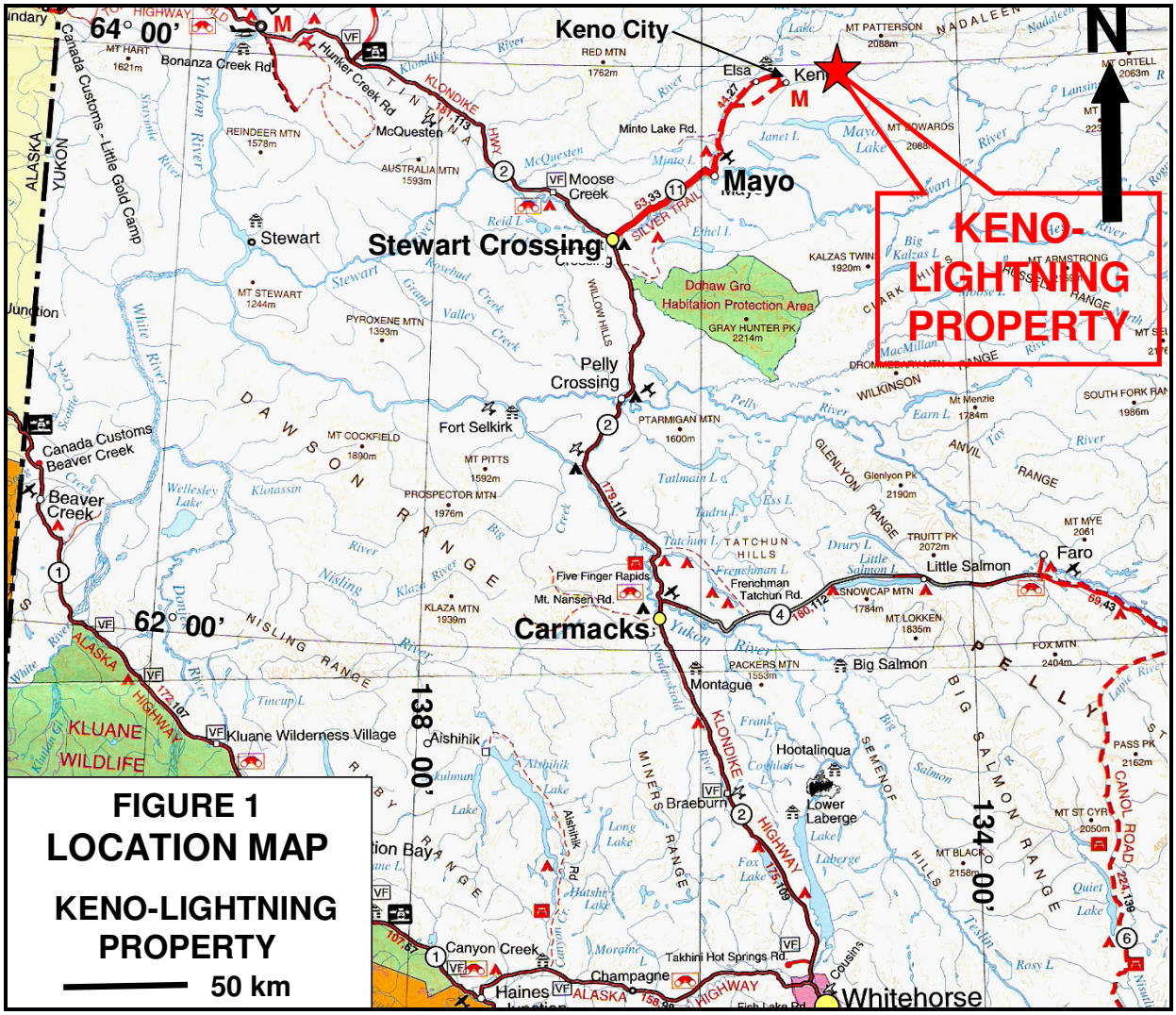
The author has relied in part upon work and reports completed by others in previous years in the preparation of this report. Although the author personally collected samples to verify the tenor of mineralization exposed on the property, thorough checks to confirm the results of such prior work and reports have not been done. The 2010 drill program was carried out by competent professionals and documented in Ettlinger (2011). The author has no reason to doubt the correctness of such work and reports. Unless otherwise stated the author has not independently confirmed the accuracy of the data. The procedure and results of the 2010 drill program were reviewed by the author and found to be acceptable to industry standards. Verification is documented in section 14.0, "Data Verification".

Further, while title documents and option agreements were reviewed for this study, this report does not constitute nor is it intended to represent a legal, or any other, opinion as to the validity of the title.

## 4.0 PROPERTY DESCRIPTION AND LOCATION (Figure 1)

### 4.1 Location

The Keno-Lightning Project, NTS map sheet 105M/14, covers the eastern end of Keno Hill and the northern slope of Bunker Hill in central Yukon, 4 to 12 km east of Keno City which is 465 km by road northeast of Whitehorse, Yukon Territory. The property is centered at a latitude of 63°54'N and a longitude of 135°11'W. Lightning Creek, the headwater of Duncan Creek, the Mayo River and the Stewart River (a major tributary of the Yukon River) separates the Keno Hill and Bunker Hill portions of the property in the western property area. Faith Creek, a tributary of the Stewart River, bisects the eastern property area. Locations of known mineralized zones and old workings are shown in Figures 5 to 11.



## 4.2 Land Tenure (Figure 2)

The Keno-Lightning Project consists of 329 Yukon Quartz Mining claims in six separate groups, with claims contiguous within those groups. The claims include the Homestake 1 to 39, 40 Fraction, HS 1 to 5 (with two Homestake 37 to 39 claims), the Maja 1 to 36, the Murray 1 to 17, the Ski 1 to 190, Aho 21 to 30, 35 to 36, 45 to 48, the Blanche and Blanche Fraction claims, covering an area of approximately 6,650 hectares in the Mayo Mining District. The mineral claim boundaries were located by GPS and compass and are approximate since the claims have not been legally surveyed.

The registered owner of all claims, except for the Aho and Blanche, is Mr. Matthias Bindig of Keno City, Yukon Territory. An underlying agreement exists with Mr. Matthias Bindig owning 60%, Mr. Bill Harris 30% and Mr. Ron Robertson 10%. The registered owner of the Aho claims is Monster Mining Corp., but is subject to the option agreement outlined below. The registered owners of the Blanche claim are 50% Mr. Moriarty, 25% Mr. Walden and 25% Mr. Bindig, the latter of which is subject to the option agreement below. An agreement has been made with Moriarty for his percentage.

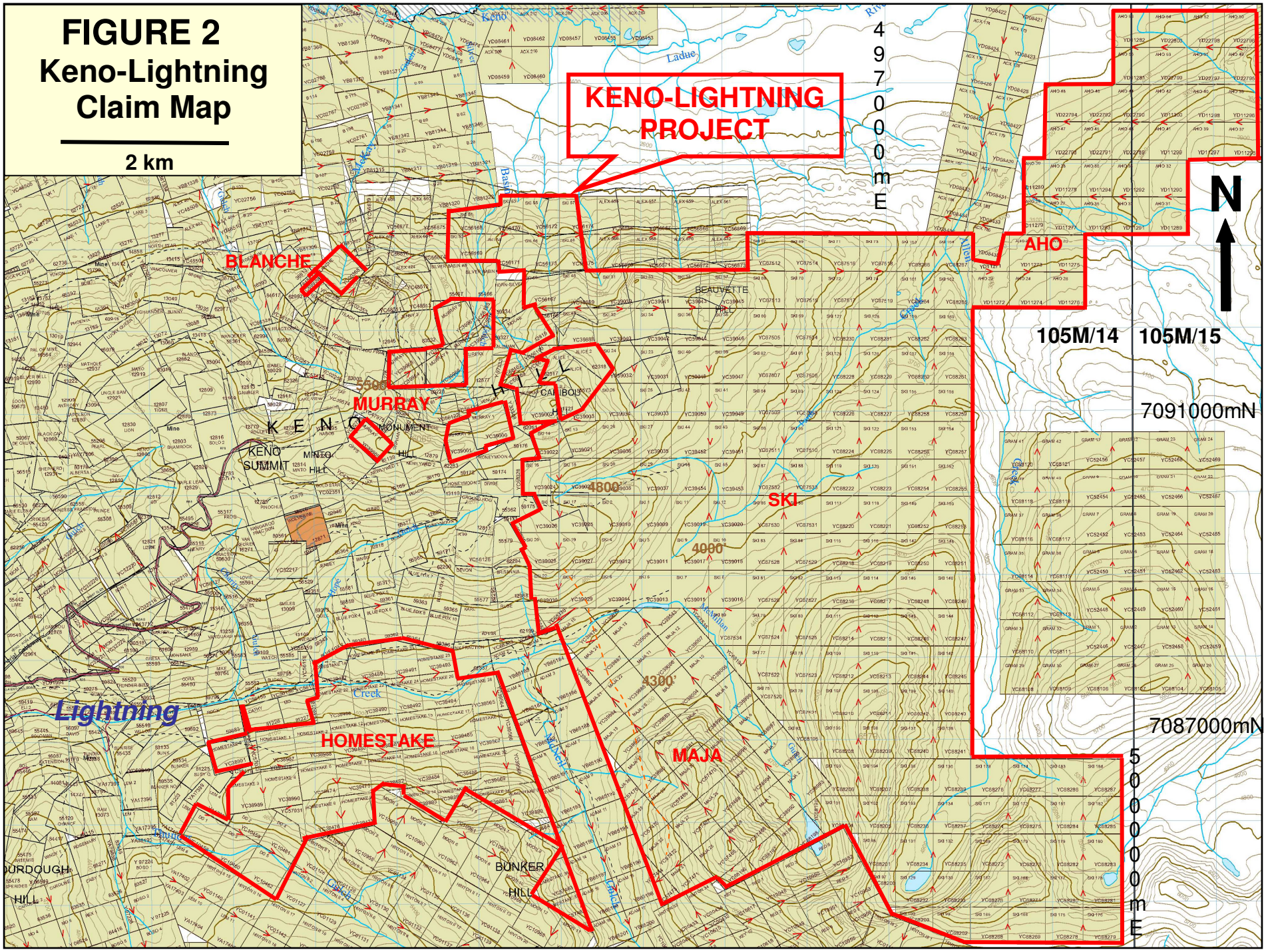
In an option agreement dated August 31, 2007, Monster Mining Corp. has an option to earn a 100% interest in the Keno-Lightning Project through a series of exploration expenditures, staged payments and issuance of shares over 5 years, totaling $300,000 in expenditures (completed), $100,000 cash payments and 700,000 shares. The vendor will retain a 3% underlying net smelter return (NSR), of which 1% may be purchased for $300,000 and a further 1% for $1.2 million. A table summarizing pertinent claim data follows and a detailed statement of claims is shown in Appendix I.

**TABLE 1: Claim data**

| Claim Name | Grant No. | No. | Record Date | Expiry Date |
|---|---|---|---|---|
| Homestake 1-5 | YC38987-991 | 5 | February 14, 2005 | December 1, 2017 |
| Homestake 6-26 | YC39474-94 | 21 | June 3, 2005 | December 1, 2020 |
| Homestake 27-32 | YC39564-569 | 6 | July 19, 2005 | December 1, 2020 |
| Homestake 33-36 | YC39890-893 | 4 | September 27, 2005 | December 1, 2020 |
| Homestake 37, 39 | YC57031, 033 | 2 | August 2, 2007 | December 1, 2020 |
| Homestake 38 | YC57032 | 1 | August 2, 2007 | December 1, 2017 |
| Homestake 37-39 | YC57462-464 | 3 | September 24, 2008 | December 1, 2020 |
| Homestake 40 Frac. | YC68018 | 1 | May 8, 2008 | December 1, 2017 |
| HS 1 to 5 | YC38992-999 | 5 | August 19, 2010 | August 20, 2011 |
| Maja 1-8 | YD34912 to YD34916 | 8 | March 10, 2005 | December 1, 2017 |
| Maja 9-14 | YC39004-008, 543 | 6 | March 17, 2005 | December 1, 2020 |
| Maja 15-24 | YC39878-887 | 10 | September 27, 2005 | December 1, 2020 |
| Maja 25-35 | YC57465-475 | 11 | September 24, 2007 | December 1, 2020 |
| Maja 36 | YC57476 | 1 | September 24, 2007 | December 1, 2017 |
| Murray 1-2 | YC39000-001 | 2 | March 10, 2005 | December 1, 2015 |
| Murray 3-4 | YC39002-003 | 2 | March 10, 2005 | December 1, 2017 |
| Murray 5-10 | YC38963-969 | 6 | March 13, 2005 | December 1, 2017 |
| Murray 11 | YC38963-969 | 1 | March 13, 2005 | December 1, 2011 |
| Murray 12-15 | YC56160-165 | 4 | June 13, 2007 | December 1, 2018 |
| Murray 16-17 | YC56160-165 | 2 | June 13, 2008 | December 1, 2016 |
| Ski 1-11 | YC39009-019 | 11 | March 17, 2005 | December 1, 2017 |
| Ski 12-22 | YC39020-030 | 11 | March 17, 2005 | December 1, 2020 |
| Ski 23-46 | YC39031-54 | 24 | March 31, 2005 | December 1, 2020 |
| Ski 47-48 | YC39455-456 | 2 | September 27, 2005 | December 1, 2020 |
| Ski 49-58 | YC56166-175 | 10 | June 13, 2007 | December 1, 2018 |
| Ski 59-90 | YC67504-535 | 32 | April 4, 2008 | December 1, 2017 |
| Ski 91-190 | YC68194-287, 328-333 | 100 | June 18, 2008 | December 1, 2017 |
| Aho 21-56 | YD11271-82,89-300, 22789-800 | 36 | November 13, 2009 | November 13, 2015 |
| Blanche | YC00365 | 1 | January 9, 1998 | January 9, 2015 |
| Blanche Fr | YC69939 | 1 | September 2, 2008 | September 2, 2014 |
| **TOTAL** | | **329 claims** | | |

# FIGURE 2
## Keno-Lightning Claim Map

2 km



First Nations have settled their land claims in the area with no First Nation land within the project area. The land in which the mineral claims are situated is Crown Land. The mineral claims fall under the jurisdiction of the Yukon Government.

A mineral claim holder is required to perform assessment work and is required to document this work to maintain the title as outlined in the regulations of the Yukon Quartz Mining Act. The amount of work required is equivalent to $100.00 of assessment work per quartz claim unit per year. Alternatively, the claim holder may pay the equivalent amount per unit per year to the Yukon Government as "Cash in Lieu" to maintain title to the claims.

Preliminary exploration activities do not require permitting, but significant drilling, trenching, blasting, cut lines, and excavating may require a Mining Land Use Permit that must be approved under the Yukon Environmental Socioeconomic Assessment Act (YESSA). To the author's knowledge, the Keno-Lightning Project area is not subject to any environmental liability. Old, open and unguarded shafts were previously identified on the property by D.I.A.N.D. Waste Management as human safety risks during their Keno Valley/Dublin Gulch Mine Site Assessment Study. This was remedied by reclamation work carried out in 2006 under their direction and guidelines.

## 5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

### 5.1 Access And Local Resources

From Keno City a number of two wheel drive gravel roads and four wheel drive mining roads and ATV accessible "cat trails" provide good access to all of the prospects on the Keno-Lightning property during summer months. Silver Basin is accessed from the Signpost Road to the top from where a 4WD road heads east past the Murray 11 claim, then north to the old workings. The Nabob showing on the Blanche claims is accessed from the Silver Basin road. The remaining showings are accessed via the Lightning Creek Road, heading east from Keno City. The Homestake is accessed by crossing Lightning Creek at Thunder Gulch, then heading east towards Bunker Hill. The Caribou, Duncan and Faith can be reached by turning north up Hope Creek from the Lightning Creek Road. The Bema showing is accessible via an ATV trail that heads east, then northeast, from near the junction of the Lightning Creek and the McNeil Gulch Roads.

Keno City has a population of approximately 25 with a coffee shop, cabins for rent, a small mining oriented labour force and some local heavy equipment availability. Mayo, 58 km by road southwest of Keno City, is the main service and supply center for this district. It is connected to Whitehorse by an all-weather highway and to Keno by an all-weather gravel road. The town of Mayo has a population of approximately 400 with a gravel airstrip suitable for medium sized aircraft (DC-3, etc.) and a helicopter base.

Facilities include a police station, medical clinic, grocery store, hotels, restaurant and fuel supply. Some heavy equipment is available for contract mining work.

## 5.2 Physiography, Climate And Infrastructure

The Keno-Lightning Project is located on Keno Hill and the north flank of Bunker Hill, on the western side of the Wernecke Mountains (which make up part of the western Rocky Mountains) in the northeastern part of the Yukon Plateau *(Figure 1)*. The terrain is mountainous, commonly with precipitous north slopes. Southern slopes are less steep. Ridge tops can be sharp and narrow or broad and open *(Figure 2)*. Elevations within the claim area range from 1080m ASL along Lightning Creek to over 1750m ASL at the summit of Caribou Hill. Total relief from the valley floors to the summits approaches 1000m.

Tree line is located near 1300m ASL with upper slopes consisting of alpine tundra with poorly developed soil, talus, grasses and moss cover. Dwarf willows are common in sheltered areas. Dense stands of black spruce are widespread below tree line with poplar and alder common on south facing slopes and as second growth where the spruce has been burned or logged out.

Outcrop is sparse, except on steeper slopes and knolls, but amounts to less than 1%. The exceptions are gulches and cirque headwalls, particularly on north slopes. In the remaining areas the primary source of geological information is float rock that has been frost-heaved to surface through the overburden cover. Below tree line there is extensive glacial till cover which deepens downslope to depths in excess of 100m on the floors of the major valleys.

Permafrost is extensive through the region reaching depths up to 150m on Keno Hill, which hampers prospecting in that the frozen ground masks soil geochemical responses from bedrock, transports soil and soil geochemical anomalies downslope by solifluction, and inhibits trenching by hand or machine.

The area has a northern interior climate with warm summers, long cold winters and light precipitation (average 313 mm annually), one-third of which is snow. The exploration season lasts from late May until October. Drilling can be conducted in the winter. Summer daily temperatures average 23$^{o}$ Celsius, 9$^{o}$C at night, and winter temperatures average -20$^{o}$ Celsius, -31$^{o}$C at night. Mayo has the greatest range of annual temperatures in North America, with temperatures reaching over 35$^{o}$C in summer and below -50$^{o}$C in winter.

Although there does not appear to be any topographic or physiographic impediments, and suitable lands appear to be available for a potential mine, including mill, tailings storage, heap leach and waste disposal sites, engineering studies have not been undertaken and there is no guarantee that such areas will be available within the subject property. The nearest source of power is Keno City.

## 6.0 HISTORY

The Keno-Lightning Project includes the old Nabob (Lot 925) mining lease on the Blanche claims, Silver Basin (Lot 41), Duncan (Lot 637) and Caribou (Lot 41) mining leases on the Murray claims, which are all documented Minfile occurrences on file with the Yukon Geological Survey *(Deklerk and Traynor, 2005)*, and the Avenue, Faith, Bema and Homestake Minfile occurrences upon which separate work programs were conducted in the past. Consequently, the work completed by various operators as documented in Yukon Minfile *(Deklerk and Traynor, 2005)*, various government publications of the Yukon Geological Survey or its predecessor *(Mineral Industry Reports and Yukon Exploration and Geology)* and the Geological Survey of Canada and company publications (primarily available as assessment reports filed with the government), is tabulated below separately for the eight occurrences. Due to the age of the historical data, the range of results and dimensions are not known, but are not relevant at this early exploration stage. All minimum values can be considered as zero.

### 6.1 Nabob *(Minfile No. 105M 006)*

1920's Explored with 3 small prospect shafts, but first claim in area documented in 1944 as Nabob (now the Blanche claim) and Buccaneer (included the current Blanche Fr) staked to south in 1950, both on Nabob #2 vein *(Deklerk and Traynor, 2005)*.

1974-84 Bulldozer trenching, rock and grid soil geochemistry on Buccaneer and adjoining leases (now the Teach 1-7 and Blanche Fr claims) by Decker Lake Mines Ltd. under option exposing the Nabob #2 (11,527 g/t Ag and 29.8% Pb over 35.6 cm) and Rum Tum (9,360 g/t Ag over 30 cm with select specimens containing 29.8 g/t Au) veins and delineating the 800 by 1250m east-northeasterly trending silver-lead Decker zone anomaly further to south with maximum values of 5.4 ppm Ag and 750 ppm Pb *(Malcolm, 1977)*. (Rum Tum and Decker zone are not on Keno-Lightning ground.)

2000 Prospecting, rock and soil geochemistry on re-staked Decker option area, confirming significant silver-lead and gold values from Rum Tum vein (maximum 10.41 g/t Au from arsenopyrite bearing zones) and Decker zone soil anomaly *(Wengzynowski, 2000)*. (Not on Keno-Lightning ground.)

### 6.2 Silver Basin *(Minfile No. 105M 005)*

1919-27 Staked by R. Rasmussen who explored by hand trenches, open cuts and a short adit (now caved), reportedly identifying 3 longitudinal and at least 2 transverse veins *(Boyle, 1965)*.

1952 Yukeno Mines Limited extended the adit but failed to find any ore *(Boyle, 1965)*.

1962-73 Hand trenching in 1963 and possibly soil geochemical sampling in 1973 by Rio Plata Silver Mines Ltd. *(Deklerk and Traynor, 2005)*.

1986 Bulldozer trenching conducted by Dawson Eldorado Mines Ltd. with assays of 171 to 2,057 g/t Ag over 0.5 to 2.5m and 755 g/t Ag and 13.7 g/t Au from specimens *(Van Angeren and White, 1987)*.

### 6.3 Duncan *(Minfile No. 105M 003)*

1919-23 Staked by D. Sparks who explored with a 14m shaft and 12m of drifting on the steep north-facing cirque headwall of Silver Basin Gulch, approximately 90m below the rim. A total of 11.8 tons of ore grading 25,462 g/t Ag and 22% Pb were shipped to area mills *(Deklerk and Traynor, 2005)*.

1946-62 Minor hand and bulldozer trenching by various operators, including Silver Basin Yukon Mines Ltd., Yukeno Mines Limited and Rio Plata Silver *(Deklerk and Traynor, 2005)*.

1989 Trenching by D. Felix and J. Brinkerhoft *(Deklerk and Traynor, 2005)*.

### 6.4 Caribou *(Minfile No. 105M 062)*

1919-1928 Staked by D. Sparks who explored near the summit of Caribou Hill with a 13.7m adit (now caved) and 40.2m of drifting. A total of 78.9 tons of ore grading 6,103.9 g/t Ag and 70% Pb were hand-mined and shipped to the nearby Treadwell Yukon mill *(Deklerk and Traynor, 2005)*.

1952 An 8.2m adit (now caved) and surface trenching was completed, further southwest by United Keno Hill Mines Ltd. *(Deklerk and Traynor, 2005)*.

1986 Trenching by Dawson Eldorado Mining Ltd. with reported assays up to 8,571.2 g/t Ag over 0.3m *(Van Angeren and White, 1987)*.

### 6.5 Avenue *(Minfile No. 105M 053)*

1919 Originally staked by J. Brennan and H. Manahan

1953-54 Bulldozer trenching by Yukeno Mines Limited on a narrow argentiferous vein that was traced for 1220m *(Deklerk and Traynor, 2005)*.

1967 Road building and bulldozer trenching by Fort George Mining and Exploration Ltd. *(Deklerk and Traynor, 2005)*.

1971-72 Evaluation in 1971 by Silver Spring Mining Venture under option from J. Strebchuk *(Hilker, 1971)* followed by trenching and a soil geochemical

survey (analyzed for Cu, Pb, Zn and Ag) in 1972 by Canadian Reserve Oil and Gas Ltd. under sub-option. A 10cm wide pyrrhotite vein was uncovered during prospecting and the source of a few isolated highs in the soil survey was interpreted as a small vein. No sulphides were found in the old trenches *(Adamson, 1972)*.

1977-79 Limited trenching by W. Malicky *(Deklerk and Traynor, 2005)*.

1982 Mapping and geochemical surveys by Canada Tungsten Mining Corp, which uncovered an unmineralized vein, 0.8 km to the west *(Nordin and Holland, 1981)*.

### 6.6 Faith *(Minfile No. 105M 002)*

1920 Originally staked by Yukon Gold Corp.

1921-24 Staked by E. Meredith who explored with hand pits and possibly a shaft and drifts totaling 25.6m. A total of 11.3 tons of hand picked ore were shipped to area mills in 1923. Assays up to 7,313 g/t Ag have been reported from the dump *(Deklerk and Traynor, 2005)*.

1960 Exploration by hand trenching and a 7.6m inclined shaft (now caved) with 18m of drifting on the vein by W. Kennedy and W. Cathro *(Deklerk and Traynor, 2005)*.

1963-79 Minor bulldozer trenching by various operators, including Conwest Explorations Ltd., Jersey Consolidated Mines Ltd. and United Keno Hill Mines Ltd. *(Deklerk and Traynor, 2005)*.

1979-80 Mapping and geochemical surveys by Canada Tungsten Mining Corp., which uncovered an unmineralized vein, 0.8 km to the east of the shaft *(Nordin and Holland, 1981)*.

### 6.7 Bema *(Minfile No. 105M 073)*

1966 Discovery of the transverse T-25 vein, defined by a northerly trending air photo lineament, by United Keno Hill Mines Ltd. traced for 600m along strike and returning values of 411 g/t Ag, 53% Pb and 439 g/t Ag, 4.32% Pb, 53% Zn *(Costin and Zimmer, 1966)*.

1979-82 Mapping, geochemical sampling and trenching by Canada Tungsten Mining Corp. uncovering three quartz veins, two of which were minor quartz stockworks with disseminated galena assaying up to 490 g/t Ag and the third a north trending quartz vein with minor disseminated arsenopyrite within a 5m stockwork zone. The latter is reported to assay 31.5 g/t Au and 194 g/t Ag *(Bonnar, 1981)*.

### 6.8 Homestake *(Minfile No. 105M 011)*

1920 Originally staked by L. Walsh.

1928-31 Explored by a 26.8m shaft, 38.4m of drifting, open cuts and pits on a transverse vein by T. McKay. A few tons of high grade were direct shipped from the Homestake in the 1930's *(McFaull, 2009)*. A caved short adit is reported by Bostock in 1965.

1950's Extensive bulldozer trenching by Lustre Yukon Mines Ltd. *(McFaull, 2009)*.

1962-64 Extensive bulldozer trenching by United Keno Hill Mines on two veins (No.1 and No.2), exposing the No.2 vein for 90m along strike and obtaining maximum values of 102.9 g/t Au over narrow widths *(Deklerk* and Traynor, 2005).

1966 Bulldozer trenching by B. Kunze, reportedly uncovering a new 3 to 7.6m wide transverse vein for 30m along strike, which may have been the Shaft vein. Assays of 1,131.4 g/t Ag, 2.2% Pb and 0.5% Zn over 7.6m are reported *(Deklerk and Traynor, 2005)*.

1967 Hecla Mining Company of Canada Ltd. carried out 107m of cross-cutting, 147m of drifting and 204m of underground drilling in 4 holes. No mineralization was found in the workings *(Deklerk and Traynor, 2005)*.

1974 Trenching for E. Lee.

### 6.9 Keno-Lightning Project

The Keno-Lightning property, encompassing the above eight Minfile occurrences, was initially acquired by Mr. Matthias Bindig in 2005 who completed minor programs of prospecting with concurrent rock geochemical sampling, and reclamation on the old workings in 2005 *(Robertson, 2005)* to 2006 *(McFaull, 2007)*. A trenching and geophysics program was undertaken on the Homestake portion of the project in 2007 *(Pautler, 2008a)* by Northex Ventures Inc. (now Monster Mining Corp.). Additional trenching, 1,765.7m of diamond drilling in 17 holes and 1510m of rotary air blast drilling in 53 holes was completed by Monster Mining Corp. in 2008 *(McFaull, 2009)*. Soil surveys were completed and the Aho claims were added by Monster Mining Corp. in 2009 *(Blackburn, 2010*). Monster completed 2,251m of diamond drilling in 2010 *(Ettlinger, 2011*). The details and results of this work are documented under section 10.0 "Exploration" and section 11.0 "Drilling".

A DIGHEM III airborne geophysical survey was flown over the Keno Hill camp in 1984 by United Keno Hill Mines Ltd. delineating three >1,000 ohm/m resistivity highs on the ridge between MacMillan Gulch and Allen Creek, informally referred to as Mt. McFaull, (Ski 98, 102, 104, 106, 108, and 169 claims). This target was followed up in 2008 and 2009 and discussed under section 7.2, "Property Geology" and Section 10.0 "Exploration".

The old adits and shafts across the Keno-Lightning property are caved except for the 1969 Homestake adit, which is boarded up but accessible. However surface exposures, trenches and dumps from the shafts and adits were sufficient to evaluate the showings. The old workings were located, documented and recorded using a Garmin GPS Map 76, in Nad 83, Zone 8 projection and are tabulated below. More detail of the Homestake and Caribou workings is provided under the "Trenching" section of this report.

**Table 2: Location of old workings**

| Name of Working | UTM Northing | NAD83 Easting | Elevation (m) |
|---|---|---|---|
| Silver Basin Adit | 7091710 | 491229 | 1469 |
| Silver Basin Trench start | 7091663 | 491038 | 1609 |
| Silver Basin Trench end | 7091695 | 491184 | 1503 |
| Silver Basin Open Cut | 7091398 | 491311 | 1495 |
| Duncan Shaft | 7090814 | 492037 | 1640 |
| Caribou Adit | 7091045 | 492784 | 1775 |
| Caribou NE Adit | 7091260 | 492875 | 1794 |
| Caribou Shaft | 7090941 | 492782 | 1742 |
| Faith Shaft | 7090184 | 493775 | 1417 |
| Avenue Pit | 7092025 | 493515 | 1534 |
| Avenue Trench A start | 7092022 | 493520 | 1535 |
| Avenue Trench A end | 7091985 | 493523 | 1536 |
| Avenue Trench B centre | 7091971 | 493503 | 1544 |
| Avenue, Trench D start | 7091971 | 493503 | 1544 |
| Avenue, Trench D end | 7091926 | 493476 | 1540 |
| Avenue Trench C centre | 7091937 | 493482 | 1551 |
| Avenue Trench E start | 7091902 | 493403 | 1562 |
| Avenue Trench E end | 7091833 | 493454 | 1554 |
| Bema Trench 1 start | 7087434 | 494856 | 1389 |
| Bema Trench 1 end | 7087493 | 494762 | 1388 |
| Homestake Adit | 7086938 | 489810 | 1322 |
| Homestake Shaft | 7086840 | 489781 | 1376 |
| Nabob Main Shaft* | 490056 | 7092674 | 1445 |
| Gold Hill No. 2 Shaft** | 7090750 | 490550 | 1515 |

* not investigated by author; ** approximate co-ordinates, not investigated in field

## 7.0 GEOLOGICAL SETTING

### 7.1 Regional Geology (Figures 3 and 4)

The regional geology of the Keno-Lightning Project is represented on the Keno Hill (105 M/14) Map Sheet by Murphy and Roots (1996) and the detailed geology of the mining camp (covering Galena, Keno and Sourdough Hills) showing many of the veins and cross-faults is best depicted in Boyle (1965). A correlation of the regional geology and district scale nomenclatures is shown in the legend for Figure 4 on page 16. The mineralization of the Keno mining camp discussed below is not necessarily indicative of the mineralization on the Keno-Lightning Project which is the subject of this report.

The area *(Figure 3)* is underlain by highly deformed rocks of the Devonian to Mississippian Earn Group, the Early Carboniferous Keno Hill Quartzite Formation, including minor felsic metavolcanic rocks (Metavolcanic Member), and Triassic diorite to greenstone, all occurring within the easterly trending, southerly dipping Tombstone Thrust Sheet *(Roots, 1997)*. The Earn Group includes graphitic phyllite, metasiltstone, rare calcareous greywacke and metaconglomerate (Phyllite Member) with minor felsic metavolcanic rocks (Felsic Volcanic Member). The deformation, characterized by intense foliations and lineations, appears to be related to displacement along the Tombstone Thrust. The foliations and lineations were later deformed by north to northwest trending open folds. All of the above lithological units are intruded by Cretaceous aged aplite and granite dykes and sills (*Figure 4)*.

North to northeast and northwest trending faults are evident through the area, with Keno Hill type mineralization associated with the former faults (*Figure 4)*. The mineralized vein faults have been K/Ar dated at 90 Ma *(Murphy and Roots, 1992)*.

Within the Keno mining camp, the stratigraphy has been divided locally into three units, the Upper Schist and Central Quartzite (of the Early Carboniferous Keno Hill Quartzite Formation) and the Lower Schist (correlative with the Middle to Late Devonian Earn Group Phyllite and Felsic Volcanic Members, and some thick bedded quartzite of the Keno Hill Quartzite Formation) *(Figure 4 - Boyle, 1965)*. Conformable greenstone horizons (metamorphosed diorite or gabbro) occur as lenses or sills.

The Upper Schist consists of graphitic schist and phyllite, thin bedded quartzite, quartz-mica schist, calcareous schist and minor limestone, and quartz-sericite schist of the Metavolcanic Member. The Central Quartzite contains thick and thin-bedded quartzite, massive quartzite, lesser graphitic phyllite, schist and calcareous schist. This unit is up to 700m in thickness and hosts many of the principal silver deposits of the camp. The Lower Schist includes graphitic schist and phyllite, argillite, thin-bedded quartzite, calcareous schist, slate and sericite schist and two bands of thick and thin-bedded quartzite with lesser phyllite and graphitic schist, now correlated with the Keno Hill Quartzite Formation. These units strike east-west and dip 20 to 30º south.

In the southwestern map area *(Figure 3)* the Robert Service Thrust separates the Upper Paleozoic stratigraphy outlined above from the Upper Proterozoic to Lower Cambrian Yuseyzu Formation of the Hyland Group, consisting of micaceous quartzose rocks, muscovite-chlorite gritty phyllite, impure quartzite and metaconglomerate, with limestone lenses. The unit is similar to the Upper Schist but lacks carbonaceous schists and phyllite.

Silver-lead-zinc lode deposits within the Keno mining camp are hosted by a series of vein faults which strike 035 to 080º (longitudinal veins) and 360 to 035º (transverse veins), both dipping 50 to 80º southeast *(after Boyle, 1965)*. Longitudinal veins were the main productive veins of the camp, with significant strike extent and the transverse veins are dilational zones between en-echelon longitudinal faults, limited in strike but

locally rich in grade. The vein faults range in width from 0.3m to over 30m and generally show left lateral movement with offsets of up to 150m *(Boyle, 1965)*. The mineralized vein faults are offset by two types of unmineralized faults, cross-faults trending 155º to 180º/40 to 60ºSW (which generally show right lateral movement and offset longitudinal veins by as much as 600m), and bedding plane thrust faults *(Boyle, 1965; McFaull, personal communication)*. Mineralization can be locally caught up within the cross-faults *(McFaull, personal communication)*.

The Keno mining camp produced silver from 1914 until 1989. Production from 1921 to 1988 totaled 4,872,423 tonnes averaging 1,389 g/t Ag, 5.6% Pb and 3.1% Zn *(Deklerk and Traynor, 2005)*. The above grade and tonnage figures are not necessarily indicative of the mineralization on the Keno-Lightning Project which is the subject of this report. Over 65 deposits and prospects have been recognized in the district *(Watson, 1984)*. The main lode deposits occur within the Central Quartzite where fracturing of competent quartzite rock has produced open spaces for mineral deposition. Where vein faults pass into less competent schist rock units they become narrow and poorly mineralized. Ore zones also occur in other competent rock types in the Lower Schist such as greenstone horizons.

The most favourable structural sites for ore shoots are at the junction of vein faults, the junction of a vein fault and cross-fault, where veins change direction, and at the upward transition from competent quartzite to less competent schist rock units often referred to as “schist caps” *(Boyle, 1965; Aho, 2006; McFaull, personal communication)*. It should be noted that individual vein systems have consistent overall silver-lead ratios but each ore shoot within it varies (*Aho, 2006)*, which may be useful in predicting continuity of veins, possibly across faults and at depth.

Vein faults can occur as simple veins, breccia zones or sheeted zones. Simple veins consist of siderite gangue, with occasional quartz and discontinuous bands of silver bearing sulphides. Breccia zones consist of angular rock fragments (quartzite, phyllite, greenstone) in a matrix of siderite, commonly with some quartz. Sheeted zones have slabs of greenstone separated by narrow fractures filled with breccia or gouge. Breccia fragments and slabs are cemented by siderite, sulphides and some quartz. The principal gangue mineral is siderite. The main ore minerals are argentiferous galena, argentiferous tetrahedrite (freibergite) and pyrargerite (ruby silver). Polybasite, stephanite, argentite and native silver are silver bearing minerals that occur locally in minor amounts. Other ore minerals such as sphalerite, chalcopyrite and lead sulphosalts (jamesonite, boulangerite etc.) are present in varying amounts. Pyrite, arsenopyrite and barite occur in many veins.

Two stages of vein mineralization have been recognized in the district. The first stage deposited quartz, pyrite and some arsenopyrite with trace gold and some sulphosalts in the vein faults. A second stage deposited siderite, galena, sphalerite, pyrite, freibergite and pyrargyite, more typical in the central part of the Keno mining camp. Several writers have described district-wide metal and mineral zoning patterns *(Franzen, 1986: Lynch, 1986; Tessari and Sinclair, 1980)*.

## 7.2 Property Geology (Figure 4)

The Keno-Lightning Project is underlain by Early Carboniferous Keno Hill Quartzite and phyllitic metasedimentary rocks of the Devono-Mississippian Earn Group, with lesser Earn Group felsic metavolcanic schist (Felsic Volcanic Member), and intruded by Triassic greenstone and Cretaceous porphyritic aplite dykes and sills *(Figures 3 and 4)*.

The property geology map is taken from Boyle (1965) due to the detail of the geology and documentation of many of the veins and cross-faults. As noted under the "Regional Geology" section of this report, the Central Quartzite Formation and other thick bedded quartzite members (including the No.9 Quartzite) of the Lower Schist Formation of Boyle (1965) now belong to the Keno Hill Quartzite Formation. The Lower Schist Formation also includes the Earn Group Phyllite Member and the Felsic Volcanic Member *(Figure 4)*.

Keno Hill Quartzite, the main host of mineralization in the Keno mining camp, underlies the Homestake portion of the Keno Lightning Project, with narrower bands of Keno Hill Quartzite underlying the Silver Basin, Duncan, Caribou and Faith areas, continuing southeasterly through the Bema area. Greenstone, another favourable host rock for mineralization due to its high competency, underlies much of the northeastern project area around Beavette Hill, in the Avenue and Faith areas, in the Nabob area (Blanche claims) and north of Silver Basin and Caribou. Favourable "schist cap" sites for mineralization occur within a band from the Silver Basin, through the Duncan, Caribou, Faith and Bema showings and beyond, and in the eastern Homestake block of claims, due to the abundance of contacts between competent quartzite (Unit 1b) and overlying less competent schist rock units (Unit 2) *(Figure 4)*.

The three resistivity highs from the 1984 airborne geophysical survey on Mt. M$^{c}$Faull were found to be underlain by greenstone sills, underlying quartzite, with some serpentinization, talc, actinolite and quartz-carbonate veining. The quartzite appears to have been resilicified near the contact with the ultramafic unit, at the south end of the ridge *(M$^{c}$Faull, 2009)*.

A structural interpretation by Jim M$^{c}$Faull has projected the cross-faults onto the Keno-Lightning Project and documented the probable amount of offset along the faults *(see Figure 4)*. The structural interpretation has significant exploration implications which will be discussed under the "Exploration" and "Interpretation and Conclusion" sections of this report.

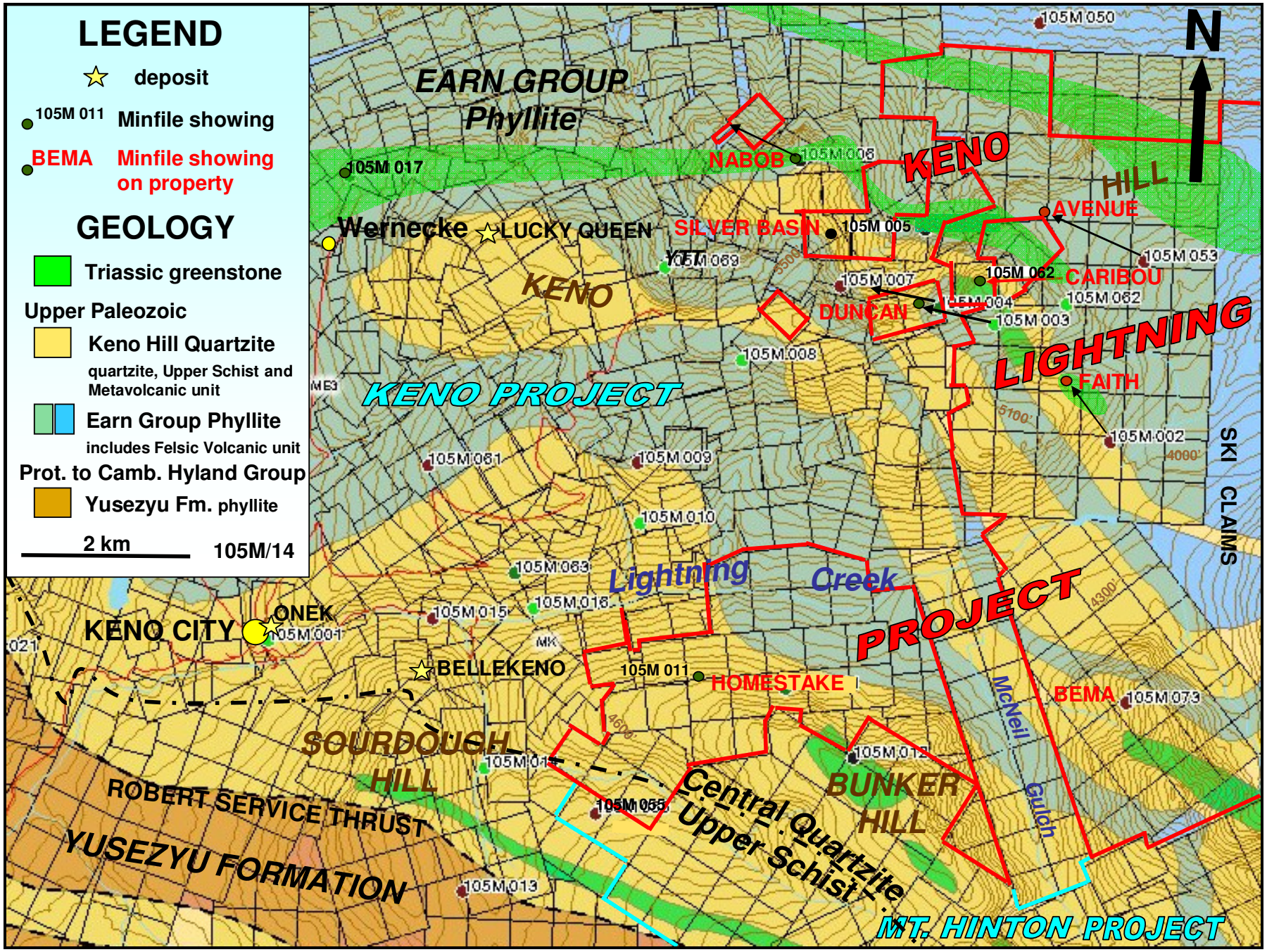



FIGURE 3: REGIONAL GEOLOGY

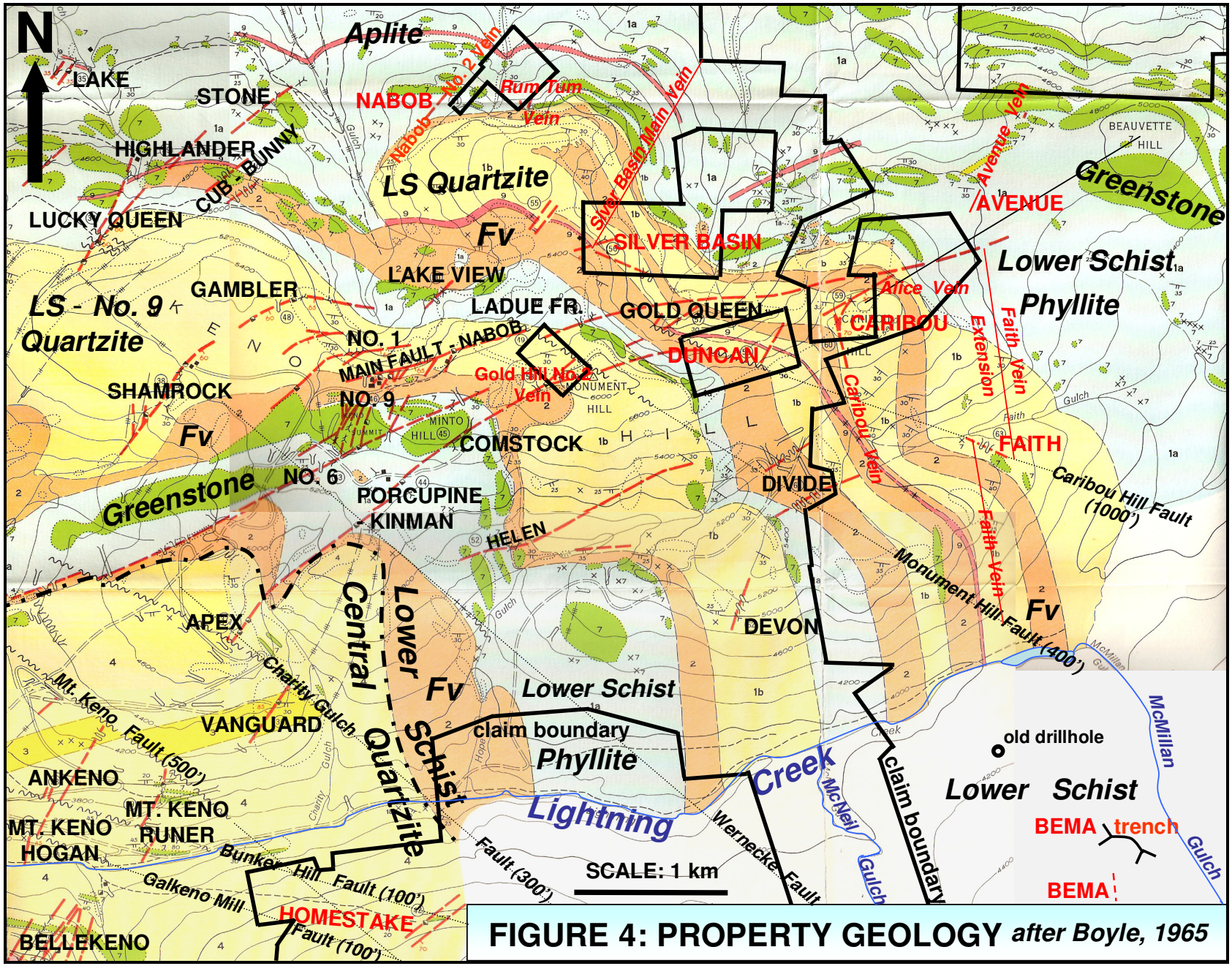
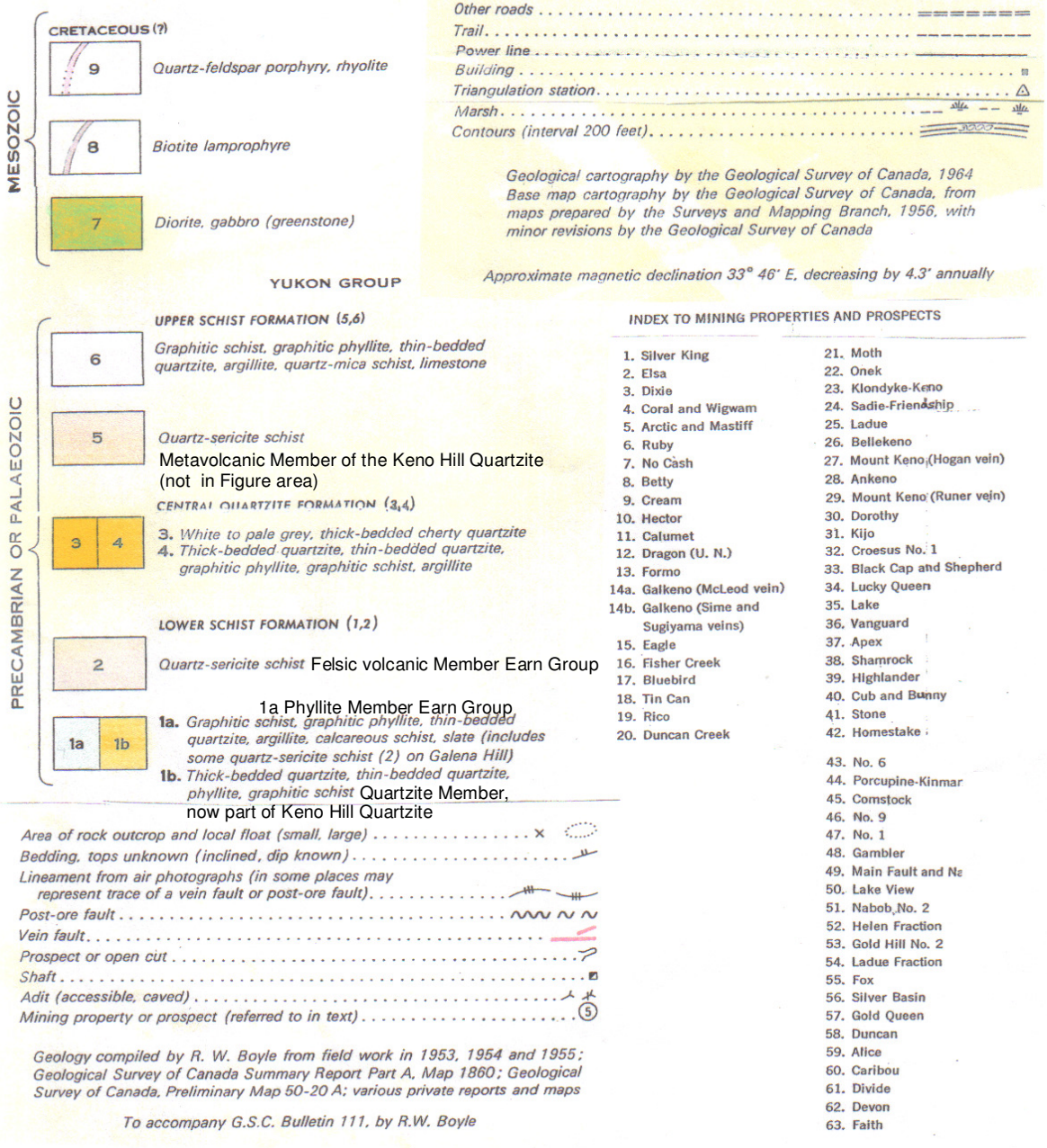



**FIGURE 4: PROPERTY GEOLOGY** *after Boyle, 1965*

Legend on following page.

# LEGEND *from Boyle, 1965*




# LEGEND for FIGURE 4

| | |
|---|---|
| ***Lower Schist Phyllite*** | **Geological Unit And Lithology** |
| **BELLEKENO** | **Minfile Showing** |
| **HOMESTAKE** | **Minfile Showing on property** |
| ***Avenue Vein*** | **Veins relevant to project** |
| ***Monument Hill Fault (400')*** | **Fault with amount of RLD in feet** |
| **RLD** | **Right Lateral Displacement** |

## GEOLOGY

**Cretaceous aplite (9)**

**Triassic greenstone (7)**

**Carboniferous**

**Keno Hill Quartzite includes Central Quartzite (4) and Quartzite Member of the Lower Schist (1b)**

**Devonian-Mississippian Earn Group**

**Lower Schist (LS)**

**Phyllite graphitic phyllite (1a)**

**Felsic volcanic Member (Fv) quartz-sericite schist (2)**

**Proterozoic to Cambrian Hyland Group**

**Yusezyu Fm. phyllite (Fig. 3)**

## 8.0 DEPOSIT TYPE

The Keno Hill camp is an example of a clastic metasediment hosted silver-lead-zinc enriched polymetallic vein deposit model. Examples of metasediment hosted polymetallic deposits include the Slocan-New Denver-Ainsworth district in British Columbia, the Coeur d'Alene district in Idaho, USA, and the Harz Mountains and Freiberg district in Germany. Commodities generally include Ag, Pb, Zn (Cu, Au, Mn). Associated deposit types are polymetallic mantos. The following characteristics of the metasediment hosted polymetallic vein deposit model are primarily summarized from Lefebure and Church, (1996). The mineralization and grade and tonnage figures discussed below are not necessarily indicative of the mineralization on the Keno-Lightning Project which is the subject of this report.

Mineralization typically occurs as sulphide-rich veins containing sphalerite, galena, pyrite, silver and sulphosalt (tetrahedrite-tennantite) minerals, chalcopyrite, arsenopyrite and stibnite, in a carbonate (most commonly siderite with minor dolomite, ankerite and calcite) and quartz gangue with minor, barite, fluorite, magnetite, bitumen. Silver minerals often occur as inclusions in galena and native gold and electrum occurs in some deposits. Gold grades are generally low given the amount of sulphides present. Some veins contain more chalcopyrite and gold at depth.

Wall rock alteration consists of sericitization, silicification and pyritization, but is typically limited in extent (metres or less). Thin veining of siderite or ankerite may be locally developed adjacent to veins. Black manganese oxide stains, sometimes with whitish melanterite, are common weathering products of some veins. The supergene weathering zone associated with these veins has produced major quantities of manganese. Galena and sphalerite weather to secondary lead and zinc carbonates and lead sulphate. In some deposits supergene enrichment has produced native and horn silver.

Veins are emplaced along faults and fractures in sedimentary basins dominated by clastic rocks that have been deformed, metamorphosed and intruded by igneous rocks. Veins postdate deformation and metamorphism. Regional faults, fault sets and fractures are an important ore control, although veins are typically associated with second order structures. Significant deposits are restricted to competent lithologies. Dykes are often emplaced along the same faults and in some camps are believed to be roughly contemporaneous with mineralization.

Individual vein systems range from several hundred to several million tonnes grading from 5 to 1500 g/t Ag, 0.5 to 20% Pb and 0.5 to 8% Zn. Copper and gold are reported in less than half the British Columbia occurrences, with average grades of 0.09% Cu and 4 g/t Au. The veins usually support small to medium-size underground mines. Larger polymetallic vein deposits are attractive because of their high grades and relatively easy benefication. They are potential sources of cadmium and germanium.

Exploration guidelines include elevated zinc, lead, silver, manganese, copper, barium and arsenic geochemistry, possible elongate zones of low magnetic geophysical response and/or higher electromagnetic, self potential or induced polarization

geophysical anomalies. There is a strong structural control on veins and common occurrence of deposits in clusters, which can be used to locate new veins.

## 9.0 MINERALIZATION (Figure 4)

The property covers the Nabob, Silver Basin, Duncan, Caribou, Avenue, Faith, Bema and Homestake Minfile occurrences as documented by the Yukon Geological Survey *(Deklerk and Traynor, 2005)*. In addition the location of the Gold Hill No. 2 prospect *(Boyle, 1965, p42-43)* lies on or proximal to the Murray 11 claim of the Keno-Lightning Project, but has not been investigated by the author. The mineralization at the showings is well described in, and has primarily been summarized from, Boyle (1965). Figure 4 provides an overall map of the showings with detail of the Silver Basin, Duncan, Caribou and Avenue on Figure 5, Faith on Figure 6, Bema on Figure 7 and Homestake on Figures 8 to 11.

The Nabob showing *(Minfile No. 105M 006)*, in upper McKay Gulch, covers the 050°/60-70°SE trending Nabob #2 vein, exposed on the Blanche Fr and Blanche claim *(Figure 4)*, and traced for 200m (100m northeast and 100m southwest of the old main shaft). The northeast extent of the vein appears to be offset 450m to the east-southeast by a cross fault, where it appears to be exposed as the 035-045°/50-70°SE trending Rum Tum vein approximately 50m southeast of the Blanche claim on the Teach claim registered to Archer, Cathro and Associates (1981) Ltd. *(Wengzynowski, 2000)*. The Rum Tum vein was traced for 15m where it disappears under talus cover. The veins are mineralized with galena and freibergite in a siderite gangue, with arsenopyrite and sphalerite reported from the Rum Tum vein.

The Silver Basin showing *(Minfile No. 105M 005)*, located on the west side of Silver Basin Gulch on the Murray 5 and 6 claims *(Figures 5 and 5a)*, covers a number of narrow vein faults reportedly striking 050º to 075º, which are associated with a set of possible cross-faults striking 120º to 155º *(Boyle, 1965)*. A main vein trending 030º/65ºSE, with quartz-arsenopyrite mineralization and some galena, is reported by Cockfield (1921) to cross the property with four transverse faults intersecting the main vein fault and passing up-section from the quartzites into schists. This is a classic Keno Hill camp “schist cap” ore trap with an additional Keno Hill “vein intersection” ore trap and presents an excellent prospecting target *(McFaull, 2007)*.

Five veins are described by Cockfield (1924) on the Silver Basin claim. The first three are longitudinal veins. The No.1 Vein, trending 067º/60ºSE, was opened up by the adit, in which one small ore shoot was intersected. It is hosted by quartzite but shortly passes up section into schists. Mineralization is typical galena in siderite with freibergite. The No.2 Vein trends 074º/37ºSE and was originally exposed in a small open cut northeast of the adit with a width of 1 foot. Mineralization is mainly arsenopyrite with minor galena in quartz gangue. The open cut is no longer evident, but the vein has been exposed by trenching above this. The No.3 Vein, with similar mineralization to the No.1 Vein, trends 048º/75ºSE on average and is exposed in several open cuts at the top of the quartzite band and a short distance below a sill of quartz porphyry.

The No.4 Vein, described as one of the most important on the property, appears to be a mineralized cross-fault by its orientation and would therefore have limited extent. It is exposed in a series of open cuts near the eastern boundary of the original lease and has a width of 4 feet. The quartz vein trends 157º/50ºSW, has been traced over 100 feet by open cuts, and is mineralized with disseminated galena, siderite and freibergite *(Cockfield, 1924)*.

The No.5 Vein is reported 150 feet east of the No.3 Vein, above the quartz porphyry sill, but from the position of the quartz porphyry, it appears to lie 150 feet west of the No.3 Vein. It was reportedly partly exposed in an open cut with a width of 8 feet, mineralized with arsenopyrite, galena, freibergite, siderite, barite and occasional flakes of native silver in quartz gangue and cut off in the open cut by a steep dipping normal fault with a small offset *(Cockfield, 1924)*.

The longitudinal veins on the Silver Basin showing may be the northeast extension of the Shamrock/Gambler or Faro Gulch No.1 Vein systems *(Boyle, 1965)*, both of which were well mineralized and have potential as ore bearing structures *(McFaull, 2007).*

A number of veins and fractures are reported at the Duncan showing *(Minfile No. 105M 003)* on the Murphy 1 claim, but were not traced far with uncertain strikes and dips. One vein appears to strike 035º, dipping steeply. Vein material on the dumps of the workings consists of limonite, wad, siderite, galena and freibergite. Wall rocks appear to be mostly dark carbonaceous phyllites, generally not good host rocks for vein development *(Boyle, 1965)*. Most of the veins on the Duncan showing appear to be of the transverse type, lying between longitudinal vein faults that appear to be the northeast projections of the Porcupine-Kinman-Gold Hill No.2 Vein and the Main Fault-Nabob-Ladue Fraction Vein *(McFaull, 2007)*.

The Porcupine Vein is documented as the most productive of all the longitudinal type veins in the Keno Hill District *(Deklerk and Traynor, 2005)*. It extends from the Apex claim in the southwest through the main workings of the Porcupine-Kinman and Comstock, and through the Gold Hill No.2 prospect to its probable extension, the Gold Queen vein *(Boyle, 1965)*. The Gold Hill No. 2 shaft, which tested mineralization associated with the Porcupine Vein system may lie on the Murray 11 claim and the vein fault may continue on to the Duncan showing.

Early reports of mineralization on the Caribou showing *(Minfile No. 105M 062)*, on the Murray 3 claim, document a 5 foot wide vein trending 135º/72ºNE with galena in a gangue of carbonates, oxides and quartz along the northern slope of Caribou Hill (*Cockfield, 1921)*. However, veins with this orientation are not documented in the camp and the mineralization could be caught up in a cross-fault. Boyle (1965) shows a 060º/50ºSE vein (Alice Vein) and a 350º/70ºE vein (Caribou Vein) on his map *(Figure 4)*. A considerable body of disseminated ore was found below the intersection of the Caribou Vein with a “flat-dipping vein” (*Cockfield, 1921)*, probably a cross-fault. An abundance of limonite, wad, cerussite, oxidized siderite, galena, some freibergite and brecciated quartz is reported from the ore dumps *(Boyle, 1965)*. The Main Caribou Vein trends northerly and dips 70ºE.

A narrow argentiferous vein was reportedly traced for 1220m at the Avenue showing *(Minfile No. 105M 053)* in the 1950's. The orientation of the vein is not well documented due to lack of drilling and recent trenching but may be 033º/42-53ºE based on subcrop in Trench 1 *(Hilker, 1971)*.

A 290º trending vein, hosted by quartzites and phyllites and mineralized with a few small pods of siderite and galena, limonite, cerussite and anglesite, is documented at the Faith showing *(Minfile No. 105M 002)*, on the Ski 30 claim *(Boyle, 1965)*. This may represent mineralization from the Faith Vein caught up in the Caribou Hill cross-fault *(Figures 4 and 6)*. The Faith Vein is later documented as a northerly trending transverse vein explored by a shaft *(Nordin and Holland, 1981)*.

Three quartz veins are reported to cut the Keno Hill Quartzite unit at the Bema showing *(Minfile No. 105M 073)* on the Maja 7 claim *(Figure 7)*, two of which were minor quartz stockworks with disseminated galena assaying up to 490 g/t Ag and the third a quartz vein with minor disseminated arsenopyrite within a 5m stockwork zone. The latter is reported to assay 31.5 g/t Au and 194 g/t Ag *(Bonnar, 1981)*. One of the former veins appears to be the transverse T-25 vein discovered by United Keno Hill Mines Ltd. (UKHM) following a sharply defined north-south lineament and traced for 600m along strike with values of 411 g/t Ag, 53% Pb and 439 g/t Ag, 4.32% Pb, 53% Zn *(Costin and Zimmer, 1966)*.

A 030º/70ºSE vein consisting of siderite, shattered quartzite and streaks of galena and grey copper is documented in the Homestake shaft *(Minfile No. 105M 011)*, with a width of 7 feet at the bottom (43 feet) *(Figures 8 and 9)*. The vein reportedly pinched out towards the end of a 15 foot southerly drift from the bottom of the shaft, but was traced to the north by two open cuts *(Cockfield, 1930)*. It is reported that a few tons of galena ore running 200 ounces of silver per ton were shipped from the property in the mid 1930's and that over 7,000 oz/ton Ag was obtained from float *(Bostock, 1938)*. The host rocks are reported to be similar to the Onek *(Boyle, 1965)*. Two longitudinal veins were discovered in the 1950's trending 060°/50-70°SE, the Homestake No.1 and No.2.

The southwestern strike extent of the Homestake veins from the quartzites into the upper schists is a favourable "schist cap" ore trap that could have similar potential to that of the Bellekeno *(Boyle, 1965)*. The Onek and Bellekeno were significant deposits mined by United Keno Hill Mines Ltd., with current exploration and development work being carried out as documented under section 15.0, "Adjacent Properties" in this report.

Placer gold has been mined from creeks that drain the Keno-Lightning Project continuously since 1902. Gold was discovered on Duncan Creek in 1899 with exploration proceeding upstream into Lightning Creek and Thunder Gulch. Large rough gold nuggets with vein quartz attached are common in the area. Mr. Hans Barchen is currently mining at the junction of Lightning Creek and Thunder Gulch and Mr. Kim Klippert is currently mining on McNeil Gulch, between the Homestake and Maja groups.

## 10.0 EXPLORATION

Northex Ventures Inc. (now Monster Mining Corp.) completed exploration work on the Keno-Lightning Project from 2007 to July 24, 2008, which included a Phase 1 property wide geological examination and evaluation, with trenching and an HLEM geophysical survey on the Homestake portion of the project, in 2007 *(Pautler, 2008a)*, and additional trenching and prospecting in June-July, 2008 *(Pautler, 2008b)*. Control was provided by property scale topographic maps, compass and GPS.

The Phase 1 program was followed by a Phase 2 program consisting of 1,762m of diamond drilling, 1510m of rotary air blast drilling, additional trenching and minor prospecting completed between July 25 and September 1, 2008 and funded by Monster Mining Corp. Soil surveys were completed on the western Homestake, upper Faith Gulch and Mt. M$^{c}$Faull areas by Monster Mining Corp. in 2009. A total of 2,251m of diamond drilling in 18 holes was completed on the Keno-Lightning Project in 2010. The drilling is documented under section 11.0, “Drilling”.

The work is summarized below under the respective sections and illustrated on Figures 5 to 10. Sample locations and locations of old workings are also shown in Figures 5 to 10. Sample descriptions with select results (Au, Ag, As, Sb, Cu, Pb and Zn) are documented in Appendix II.

### 10.1 Geochemistry (Figures 5 to 14)

Prospector samples from the old trenches on the Nabob #2 vein during the Phase 2 2008 program yielded maximum values of 3,187 g/t Ag, 40.4% Pb and Zn with some elevated gold, arsenic, antimony and copper *(Figure 5)*. Silver:lead ratios are low, ranging from 2.2:1 to 2.5:1, compared to the strong 11.4:1 ratio obtained from the trench chip sample reported in 1975 (see section 6.1, “History”), and the vein is narrow *(M$^{c}$Faull, 2009)*. Four veins occur at the Rum Tum showing on the probable fault offset of the Nabob #2 vein, but do not appear to be within the Keno-Lightning Project (Samples 54524-54527). The best sample returned 3.29 g/t Au, 2,149 g/t Ag, 1,870 ppm As, 1.37% Sb, 2.29% Pb, 1.51% Zn and 2.58% Cu (54526). A fifth vein was located 35m northwest of the main showing, near the Blanche claim boundary, which returned 1.6 g/t Au, 593 g/t Ag, 3.4% As, 1205 ppm Sb, 1.4% Pb, 3.7% Zn and 0.3% Cu (Sample 54523). The Rum Tum mineralization carries good gold and silver values with strong silver:lead ratios, but the property boundary situation is not currently favourable.

At the Silver Basin showing in 2007, subcrop of the No.2 Vein, trending 067º/60ºSE, was observed in a trench above the adit. The vein is mineralized with galena and minor freibergite and sphalerite with assays of 0.33 g/t Au, 258 g/t Ag, 8.35% Pb and 0.65% Zn (Sample 526103). Near the top of the trench quartz vein subcrop with galena, siderite and freibergite was observed which returned 4.5 g/t Au, 2720 g/t Ag and 37.3% Pb (Sample 526102). Near the top of the trench subcrop of an early stage vein with quartz-arsenopyrite mineralization hosted by Earn Group phyllites or schists was encountered which returned 1.43 g/t Au with >10,000 ppm As across the 15 cm of subcrop (Sample 526101). *(Refer to Figures 5 and 5a.)*

During Phase 1, 2008 a more thorough examination of the Silver Basin showing was conducted *(Figure 5a)*. A sample from the dump from a shaft on the No.2 Vein returned 0.18 g/t Au, 1953 g/t Ag, 49.22% Pb and 0.18% Zn with anomalous antimony (Sample 526121). A sample from Trench 6 which appears to follow the No.1 Vein returned 8.10 g/t Au, 18.1 g/t Ag, 0.17% Pb and >10,000 ppm As (Sample 526120). It is unclear whether the sample represents the No.1 or the No.2 Vein since the face of the main fracture face in the trench is 063º/60ºSE, which is the orientation of the No.1 vein, but subcrop suggests a 030º trend which is the orientation of the Main vein. The two veins may intersect in this area, near the adit. No.4 vein was located at an old open cut or adit location. The vein was not located in place, but minor local float contains 176 g/t Ag, 7.33 % Pb and 0.46% Zn (Sample 526122).

The No.3 vein was found to contain maximum values of 6.70 g/t Au, 832 g/t Ag, 7.2 % Pb, 0.98% Zn, >10,000 ppm As and 990 ppm Sb (Sample 526117-18). Only minor oxidized float was found in the vicinity of a small shaft or pit on the No.5 Vein, 150m to the northwest, returning only 29.5 g/t Ag, 0.70 % Pb and 0.20% Zn (Sample 526119).

As noted by Boyle (1965), the environment here is favourable with significant vein intersections, a “schist cap” ore trap and evidence of significant grade. The longitudinal veins on the Silver Basin showing may be the northeast extension of the Shamrock/Gambler or Faro Gulch No.1 vein systems *(Boyle, 1965)*, both of which were well mineralized and have potential as ore bearing structures *(M$^c$Faull, 2007).*

Exploration on the Duncan showing *(Figure 5)* has been hampered by high elevation and rugged terrain. In 2007 the veins could not be located in outcrop but vein material on the dump of the shaft consists of limonite, manganese, siderite, curved galena (generally an indication of high silver) and freibergite with Earn Group dark carbonaceous phyllite wallrock. A sample from the dump returned 0.93 g/t Au, 1520 g/t Ag, 38.0% Pb and 0.8% Zn (Sample 526085). Samples of foliation parallel veins hosted by the Earn Group phyllites and minor felsic metavolcanic rocks in the area did not return significant results. A sample of quartz with arsenopyrite, 1 km northeast of the Duncan shaft returned significant gold (5.14 g/t) with >10,000 ppm As (Sample 54501).

Four bulldozer trenches, excavated between 1946 and 1962 and in 1989, occur on the upland, 150m southeast of the Duncan shaft but are sloughed with very little exposure *(Figure 5)*. Minor subcrop consists of grey-green and dark carbonaceous phyllite, with minor float of rusty quartz vein material with occasional minor pyrite and very minor siderite. Prospector samples from the trenches (09006-09011) did not return significant values *(M$^c$Faull, 2009)*. A fifth trench is reported 400m southwest of the shaft with minor phyllite and quartzite subcrop.

Although the wall rocks primarily appear to be the Earn Group phyllites, which are generally not good host rocks for vein development, the high grade of the vein, proximity to thick bedded quartzite and position of the showing along the projection of the Porcupine-Kinman-Gold Hill No.2 (which may continue through to the Alice Vein at the Caribou showing) and the Main Fault-Nabob-Ladue Fraction longitudinal vein faults, are positive features. The main Duncan transverse vein, reportedly trending 035º/steep, may have similarities to the Caribou transverse vein, approximately 800m to the

northeast, which has significant grades and has been traced over a 250m strike extent. Good potential may exist at the junction of the Duncan Vein with the possible projection of the Alice Vein.

The Alice Vein at the Caribou showing, trending 060º/50ºSE, was located in 2007 and a 2m chip sample across an exposed quartz breccia section of the vein with limonite cement contained 0.53 g/t Au, 120 g/t Ag, 0.18% Pb and 0.77% Zn (Sample 526083). A grab sample, consisting of limonite, manganese, oxidized siderite, galena and freibergite, from the dump along this vein to the northeast returned 1.61 g/t Au, 3160 g/t Ag, 37.3% Pb and 5.23% Zn (Sample 526084). (Refer to Figure 5.) A prospector sample in 2008, 25m southwest of the shaft, returned 1.81 g/t Au, 3,780 g/t Ag, 27.2% Pb, 3.79% Zn (Sample 9003). The Alice Vein should intersect the northern strike projection of the Caribou Vein about 40m southwest of the Alice Adit.

A second vein, the Caribou Vein, trending northerly and originally explored by United Keno Hill Mines Ltd., was found to be mineralized with galena, freibergite, ±boulangerite and bournonite in a gangue of siderite with minor quartz *(Figure 5)*. In 2007 a grab sample from the north end near its intersection with the previous vein returned 2.8 g/t Au, 1060 g/t Ag, 14.0% Pb and 2.28% Zn (Sample 526082). A chip sample across boulders from the southern adit area returned 0.41 g/t Au, 1210 g/t Ag, 6.68% Pb and 1.53% Zn (Sample 526081). A 20 cm galena stringer beside the Caribou adit, originally documented in 1921, returned 215 ppb Au, 4,715 g/t Ag, 46.2% Pb (Sample 09005), confirming assays by previous operators.

The trenches at the Avenue showing *(Figure 5)* are highly sloughed but minor quartz float and highly weathered and oxidized vein subcrop was encountered in 2007. No significant values were obtained from the three samples collected probably due to weathering. Subcrop and outcrop in the area consists of phyllite and thin bedded quartzite of the Earn Group, cut by extensive greenstone. The subcrop suggested a 025º/80ºE trend for the vein, which would be supported somewhat by the orientation of the trenches and is similar to the orientation of 033º/42-53ºE reported by Hilker (1971) from subcrop. Trend of the vein is probably 025-033º/50-60ºE. The Avenue Vein may be a transverse vein related to the Main Fault and Nabob longitudinal vein fault. In this case a favourable vein intersection may occur to the south of the main workings here.

A 170º trending, steeply east dipping vein (Faith Vein) is poorly exposed above the Faith shaft, but a grab sample from the exposure in 2007 returned 2.35 g/t Au, 2640 g/t Ag and 37.3% Pb (Sample 526097). The sample contains galena and possible freibergite in 5 cm wide drusy quartz veinlets, hosted by quartzite and phyllite. A sample from the dump from the shaft returned 0.69 g/t Au, 2160 g/t Ag and 13.4% Pb (Sample 526096). This supports the reports of high grade silver values from the shaft. The vein appears narrow but may widen with depth (typically the Keno Hill type veins widen from narrow limonitic fractures to ore shoots within short, 10-30m, distances) and may widen along strike where it may pass into the greenstone unit, a more favourable, competent host. *(Refer to Figure 6.)*

At the Faith showing *(Figure 6)* the 290º trending vein documented by Boyle was not observed but a trench trends in this direction. This “vein” may represent mineralization from the Faith Vein caught up in the Caribou Hill cross-fault, a favorable vein/cross-fault structural trap for mineralization. The extension of the southern longitudinal vein fault at the Divide showing may trend along Faith Gulch or be offset to the southeast along the Caribou Hill Fault. In either case the vein intersections and vein/fault intersections should be targeted.

A prospecting sample from the south side of upper Faith Gulch on the Ski #17 claim assayed 1.13 g/t Au, 4,713 g/t Ag, 34.1% Pb, 5.73% Zn, 1,465 ppm Cu, 2,055 ppm As and 600 ppm Sb ( Sample 29868). This strongly mineralized vein lies 150m along strike to the northeast of the southern of the two Divide veins in upper Hope Gulch. Approximately 500m further north, towards Caribou Hill, four prospecting samples (Samples 54601-3, 54644) were collected from the area of the Bema No.2 vein, situated along the northeastern strike projection of the northern Divide vein and/or the Helen vein, with 54603 returning 810 ppb Au, 12.4 ppm Ag, 8,724 ppm Pb, 1, 314 ppm Zn, 6,435 ppm As, 640 ppm Sb.

Four prospecting samples (Samples 54506-10) from the Bema No.3 vein showing area, approximately 750m southwest of the Faith showing on the Ski #4 and Ski #19 claims, returned significant values of 520 ppb Au, 452 g/t Ag, 1.83% Pb (54506), and 1.41 g/t Au, 102 g/t Ag, 1.93% Pb (54507), both with arsenic and antimony.

During the author’s 2010 site visit, 3 grab samples were collected from a small trench 175m northwest of the Bema No.3 vein showing (Samples 56953-55). Arsenopyrite bearing mineralization returned significant results with 2.58 g/t Au, 510 g/t Ag and 3.5% Pb (Sample 56954).

In 2007 the Bema showing was thought to occur within a 1 km long bulldozer trench referred to as the Bema trench *(Figure 7)*. The trench is highly sloughed with very little bedrock exposure except near the western end where large talus blocks of quartzite and carbonaceous phyllite are common. Quartz vein subcrop and blocks up to 1m wide are evident with minor limonite and ±pyrite, vugs and druses. Minor trace sphalerite was noted. Five samples were collected but only one sample containing small rusty drusy quartz veinlets at the trench junction with a ripper trail returned significant gold results of 1.16 g/t Au (Sample 526095).

Later research showed that the original showing is located 250m to the south of this trench *(Bonnar, 1981)* and no documentation can be found on the Bema trench. The orientation of the vein-stockwork zone that carried 31.5 g/t Au was not indicated but other samples from 1982 returned 2.4 and 2.8 g/t Au suggesting a northerly trend for the vein *(M$^{c}$Laren, 1982)*. The gold bearing vein encountered in the Bema trench in 2007 may represent the extension of the original high grade gold bearing vein-stockwork zone, discovered in 1980, 200m along strike to the north.

Old workings were uncovered at the Bema showing during the Phase 1, 2008 program with the most previous work, consisting of hand trenching and pitting, performed on a 070º/60ºN trending vein which returned 260 ppb Au, 224 g/t Ag and 2.62% Pb with anomalous arsenic over 0.7m (Sample 526190) and 1.67 g/t Au, 2668 g/t Ag, 28.5% Pb with anomalous arsenic and antimony from high grade galena bearing material (Sample 526191). This appears to be the original Bema silver showing (T25 vein of UKHM). An old trench, 100m along strike to the southwest, incompletely exposed a vein with fine arsenopyrite apparently trending 130º/50ºSW (Sample 526193). No significant base or precious metal results were obtained. Quartz subcrop in an open cut from the Bema area returned 545 ppb Au, 584 g/t Ag and 6.29% Pb, 0.30% Zn (Sample 526192). Vein orientation was not evident but fractures trend at 165º and 045º.

The Bema gold showing could not be located but approximate co-ordinates are 7087220mN, 494791mE, Nad 83, Zone 8 projection *(Bonnar, 1981)* and maps indicate a location 50m east of the silver showing, at 7087303mN, 494790mE. Significant gold values were obtained in float below the Bema silver showing, between the Bema gold showing and the Bema trench. Quartz float with arsenopyrite returned 9.5 g/t Au, 18.2 g/t Ag with low base metals (Sample 526111). Pyritic, arsenopyrite bearing quartz vein float returned 1.40 g/t Au, 4.2 g/t Ag with low base metals (Sample 526110). A pyritic quartzite bed above the float did not contain anomalous values (Sample 526109).

Prospecting 175 to 375m along strike to the south of the Bema gold showing during the Phase 2, 2008 program did not return anomalous results (54640-43, 46-50), possibly due to unfavourable thin bedded quartzite wall rocks.

An initial examination of the Homestake showing in 2007 *(Figures 8 and 9)* confirmed the presence of a transverse vein at the shaft, trending approximately 025/70ºSE and mineralized with siderite, galena, sphalerite and minor freibergite. Values of 278 g/t Ag, 1.88% Pb and 1.5% Zn were obtained across 1m (Sample 526072). Minor excavation was undertaken at the shaft in 2008 resulting in better exposure of the vein which yielded 3,168 g/t Ag, 4.67 g/t Au, 0.15% Pb, 2.56% Zn and 2.83% Cu across 0.9m with a trend of 035º/45ºSE (Sample 526072). Trench H-TR4 extends to the northeast and appears to expose a longitudinal vein trending 065º/50SE. Boulders from the trench dump contain values of 2.13 g/t Au, 2320 g/t Ag, 22.4% Pb and 1.21% Zn (Sample 526080).

In Trench H-TR1, boulders of the longitudinal No.2 vein were exposed containing stibnite, arsenopyrite, minor freibergite, galena and sphalerite, which returned 11.4 g/t Au, 97 g/t Ag, 3.95% Pb and 1.9% Zn across a 0.5m boulder (Sample 526074). Approximately 100m further southwest vein float consisting of siderite, galena, sphalerite and minor freibergite and malachite returned 20.8 g/t Au, 1420 g/t Ag, 41.3% Pb, 8.84% Zn and 1.6% Cu (Sample 526075).

A 3m wide, 110º/70ºS trending quartz vein (B Vein) with stibnite, arsenopyrite and lesser galena, hosted in quartzite, is exposed in an old, possibly 1960's era, trench (H-TRB) approximately 850m southeast of the Homestake shaft *(Figures 8 and 11)*. A 3m chip across the vein returned 10.0 g/t Au, 74 g/t Ag, 1.98% Pb and 0.18% Zn (Sample

526078). A grab of the 30 cm wide central portion of the vein with high grade stibnite, contained 11.3 g/t Au, 162 g/t Ag and 7.25% Pb.

Exploration along trend of the B Vein in Phase 1, 2008, uncovered three pits exposing the vein for 65m along strike to the east *(Figure 11)*. A grab of quartz float from the area of H-Pit2 and H-Pit3 returned 7.22 g/t Au, 11.4 g/t Ag, 1.69% Pb and 0.17% Zn with anomalous arsenic and antimony (Sample 29877). A grab from H-Pit3 returned 5.30 g/t Au, 102 g/t Ag, 0.69% Pb and 0.67% Zn with highly anomalous arsenic and antimony (Sample 29878). An obvious bedding parallel vein with a similar orientation but flatter dip and over 1.5m wide is exposed 585m along trend to the east, but does not contain visible mineralization. A 100º trending vein was exposed near the property boundary which could represent the strike extension of the B Vein.

The trend of this vein is not a typical Keno type vein orientation, but is more likely the Bunker Hill Fault, estimated to have a right-lateral strike-slip offset of 30m, so that mineralization within the 'B' Trench would have been caught up in the fault as it was offsetting a vein in this area *(McFaull, 2009)*. A significant air photo lineation with a 060° strike passes directly through east end of the 'B' Trench from Thunder Gulch in the southwest to the mouth of McNeil Gulch to the northeast *(McFaull, 2009)*. The Bunker Hill Fault would offset the B vein 30m to the right through H-Pit2 *(McFaull, 2009)*. The lineament may reflect a significant gold enriched longitudinal vein, sub-parallel to the Homestake No.2 vein.

Along the north flank of Bunker Hill, beds of pyritic quartzite were found but did not contain anomalous values with a maximum of 260 ppb Au, 1.8 ppm Ag (Samples 29879, 29881-82). A less pyritic sample returned 1385 ppm As, suggesting the presence of fine arsenopyrite.

No significant results were obtained from a number of quartz veins exposed as float and minor outcrop in old workings (Samples 29874-76) between the No.2 Vein and the B Vein (exposed in Trench B).

Three moss mat samples were collected along trend to the northeast of the Homestake No.2 vein in Phase 1, 2008 *(Figure 11)*. The closest sample to known mineralization, 650m northeast of the northeastern most exposure of the vein in H-TR6, returned significant values of 0.9 ppm Ag, 76 ppm Pb, 140 ppm Zn (Sample M526125) suggesting continuity of the vein.

Two panel samples were collected from the Homestake adit in Phase 2, 2008 from narrow quartz veins at the projection of the Shaft vein (54511-12) but no significant values were obtained.

Minor prospecting of the Mt. McFaull resistivity anomalies in with the collection of 14 prospector rock samples (54532-45) did not return significant results *(McFaull, 2009)*. An additional 12 prospector rock samples were collected in 2009 (56856-67) with no significant results.

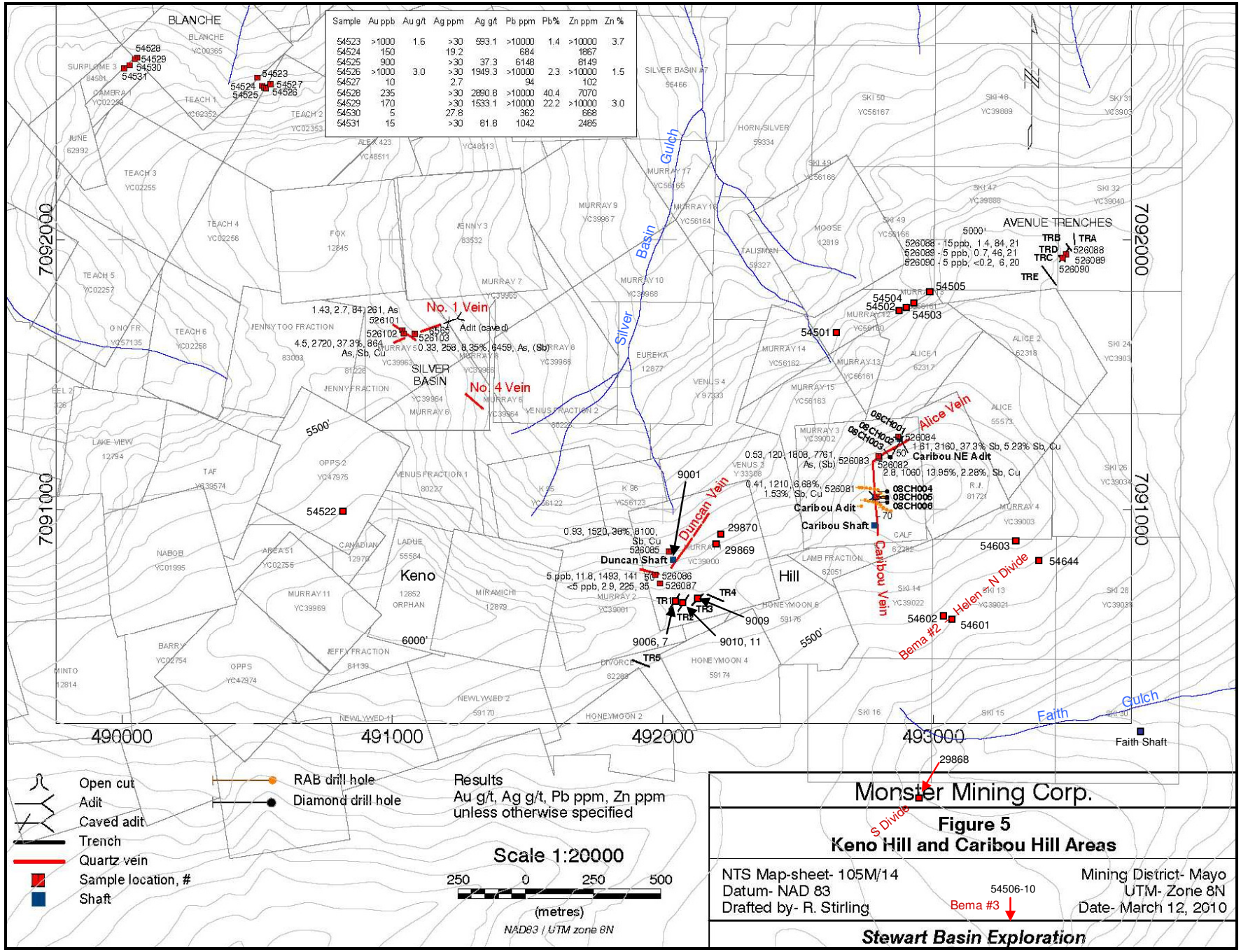
### 10.1.1 Soil Geochemistry (Figures 12 to 14)

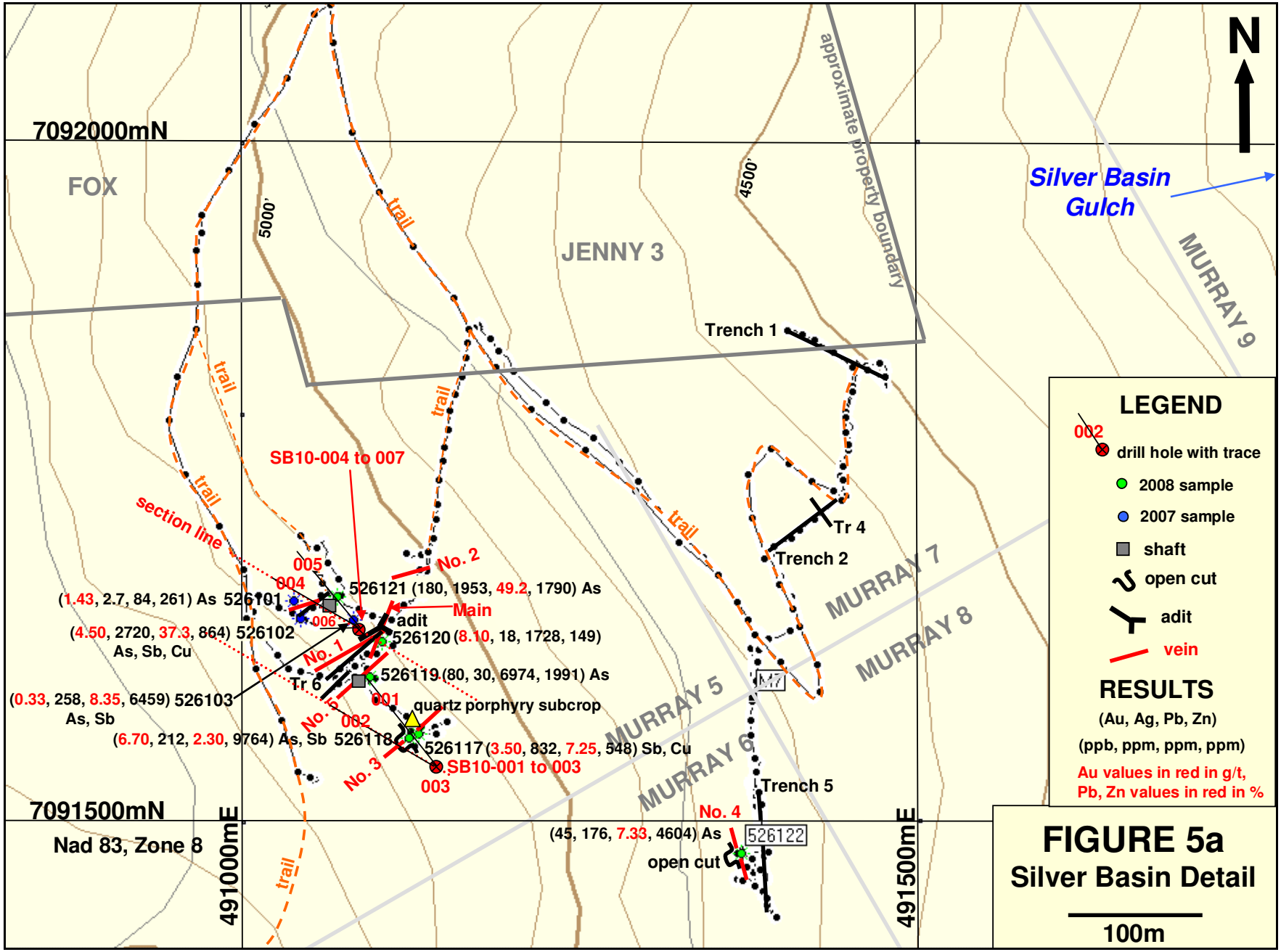
Three soil geochemical surveys were completed in 2009 by Monster Mining Corp., the Homestake, the Faith and Mt. M$^{c}$Faull grids.

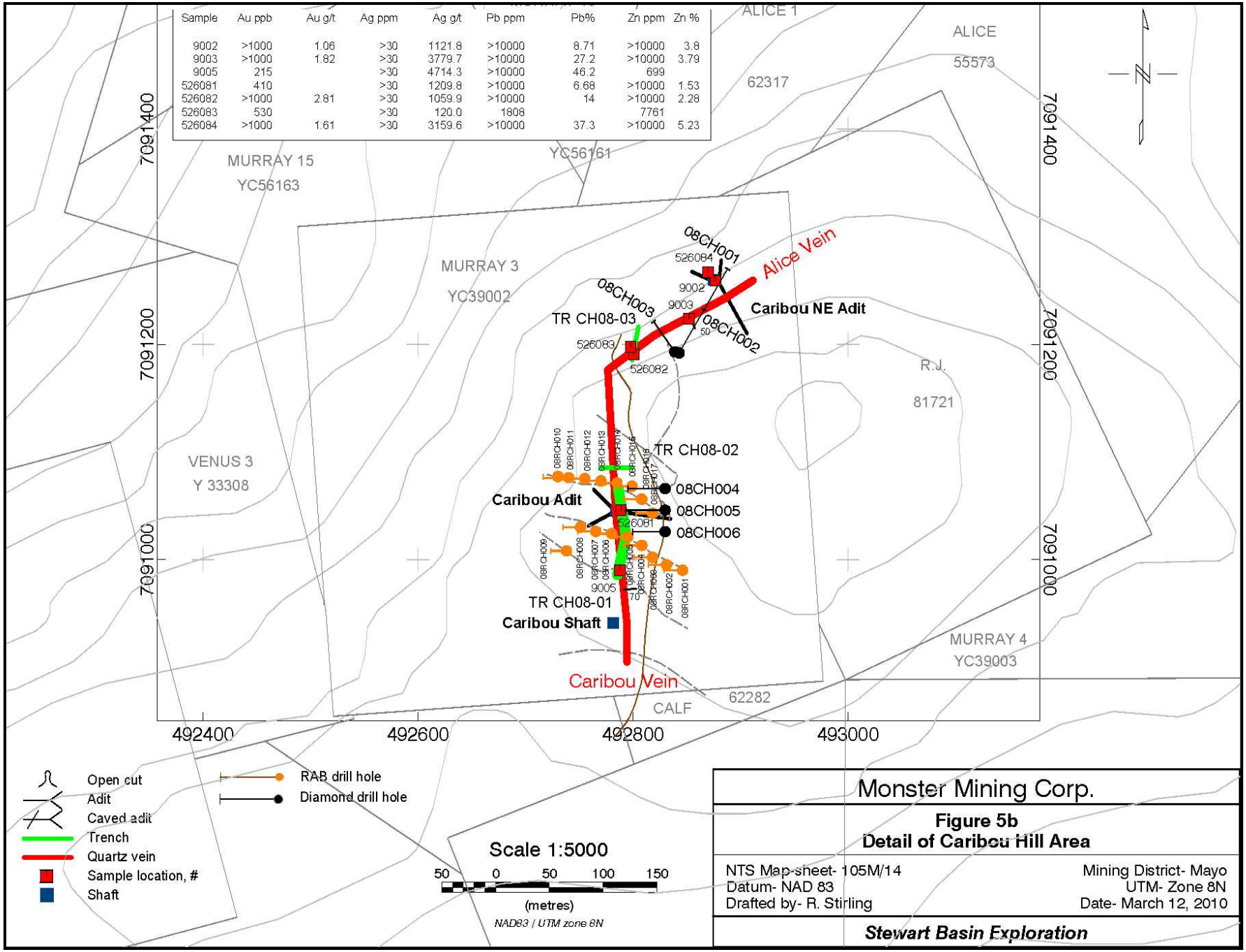
The Homestake grid, covering the western Homestake claims (on the Homestake 1, 3, 4, 10 and 11 claims), targeted the strike extent and intersection of the No. 2, 3, 7 and 8 veins with the Galkeno Mill fault, and the No. 2, 3 and Shaft vein intersections with the Mt. Keno fault. A total of 112 soil samples were collected at 25m stations on 330° trending lines 25m apart, with a centre gap of 125m *(Figure 12)*. Maximum values obtained were 38.2 ppb Au, 220 ppm Zn, 63.2 ppm Pb. The isolated gold ±lead anomalies occur along trend of the Homestake No.1 and No.2 veins, proximal to trenches proposed and laid out in 2007 (Proposed H-TR07-2 and 3 – *Figure 8)*.

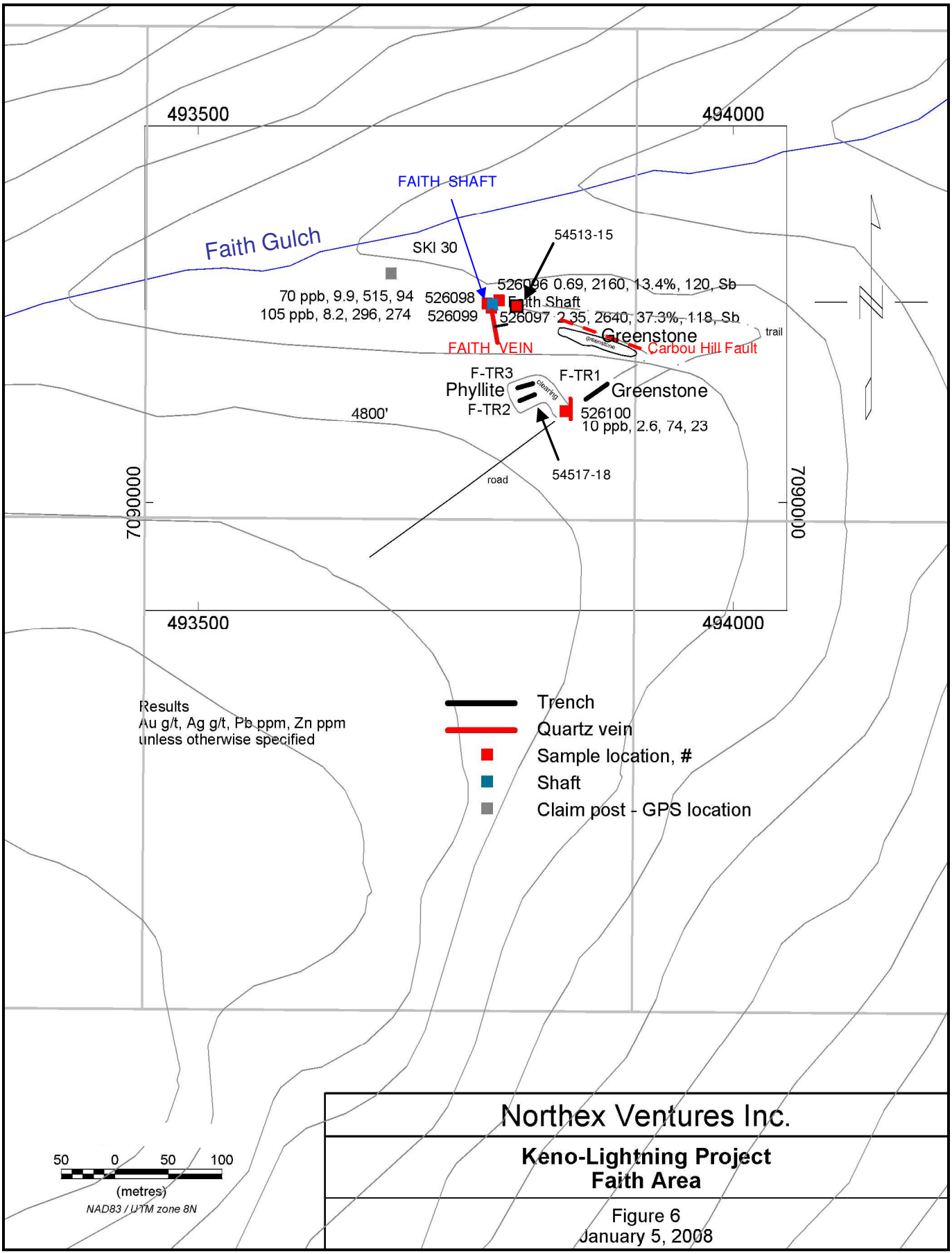
The Faith grid covers upper Faith Gulch (Ski 15-18 claims) to target the southern strike extension of the Caribou Vein, the northeastern strike extension of the Divide and Helen Veins, and their possible intersection. A total of 40 soil samples were collected at 25m stations on 330° trending lines 25m apart *(Figure 13)*. Maximum values obtained were 40.8 ppb Au, 15.6 ppm Ag, 122.1 ppm Pb and 276 ppm Zn. The highly anomalous values suggest the extension of the southern Divide vein through this region.

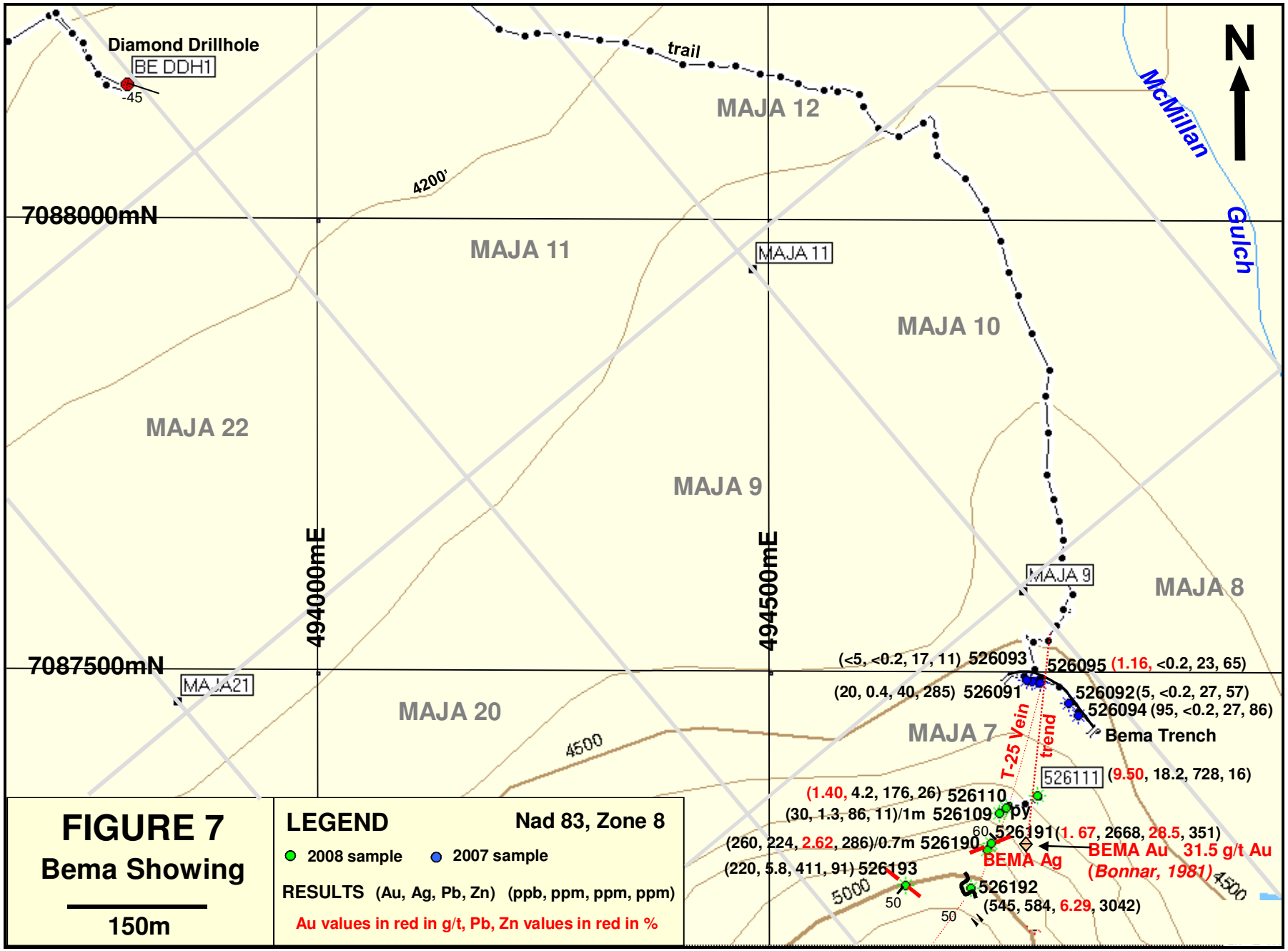
The Mt. M$^{c}$Faull grid covers the ridge between MacMillan Gulch and Allen Creek in the southeastern property area. A total of 241 soil samples were collected at 50m stations in three areas of interest, M$^{c}$Millan Gulch, Allen Creek and M$^{c}$Kim Gulch *(Figure 14)*. Maximum values of 132.8 ppb Au, 407 ppm Cu and 1976 ppm Zn were obtained in the survey *(Blackburn, 2010)*, with significantly high gold results from the M$^{c}$Millan Gulch area. The drainages are glacial cirques with extensive glacial overburden and locally abundant organic material, but derived from the cirque headwalls *(Blackburn, 2010)*. The anomalous gold values may suggest the presence of gold rich veins from the southern Maja and/or Ski claims within the Keno-Lightning project area, or from the adjacent Mt. Hinton project area to the south.


BLANCHE
Sample Au ppb Au g/t Ag ppm Ag g/t Pb ppm Pb% Zn ppm Zn %
54523 >1000 1.6 >30 593.1 >10000 1.4 >10000 3.7
54524 150 19.2 684 1867
54525 900 >30 37.3 6148 8149
54526 >1000 3.0 >30 1949.3 >10000 2.3 >10000 1.5
54527 10 2.7 94 102
54528 235 >30 2890.8 >10000 40.4 7070
54529 170 >30 1533.1 >10000 22.2 >10000 3.0
54530 5 27.8 362 668
54531 15 >30 81.8 1042 2485
No. 1 Vein
No. 4 Vein
Adit (caved)
SILVER BASIN
Gulch
Basin
Silver
AVENUE TRENCHES
Alice Vein
Duncan Vein
Caribou Vein
Caribou NE Adit
Caribou Adit
Caribou Shaft
Duncan Shaft
Keno
Hill
Helen
N Divide
S Divide
Bema #2
Bema #3
Faith
Gulch
Faith Shaft
7092000
7091000
490000
491000
492000
493000
5000'
5500'
6000'
Open cut
Adit
Caved adit
Trench
Quartz vein
Sample location, #
Shaft
RAB drill hole
Diamond drill hole
Results
Au g/t, Ag g/t, Pb ppm, Zn ppm
unless otherwise specified
Scale 1:20000
250 0 250 500
(metres)
NAD83 / UTM zone 8N
Monster Mining Corp.
Figure 5
Keno Hill and Caribou Hill Areas
NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling
Mining District- Mayo
UTM- Zone 8N
Date- March 12, 2010
Stewart Basin Exploration


N
7092000mN
FOX
JENNY 3
5000'
4500'
approximate property boundary
Silver Basin Gulch
MURRAY 9
MURRAY 7
MURRAY 8
MURRAY 5
MURRAY 6
trail
section line
Trench 1
Tr 4
Trench 2
Trench 5
SB10-004 to 007
005
004
006
No. 2
526121 (180, 1953, 49.2, 1790) As
(1.43, 2.7, 84, 261) As 526101
Main
adit
(4.50, 2720, 37.3, 864) 526102
As, Sb, Cu
526120 (8.10, 18, 1728, 149)
No. 1
526119 (80, 30, 6974, 1991) As
Tr 6
(0.33, 258, 8.35, 6459) 526103
As, Sb
001
quartz porphyry subcrop
No. 5
002
(6.70, 212, 2.30, 9764) As, Sb 526118
526117 (3.50, 832, 7.25, 548) Sb, Cu
SB10-001 to 003
No. 3
003
No. 4
(45, 176, 7.33, 4604) As
526122
open cut
7091500mN
Nad 83, Zone 8
491000mE
491500mE
LEGEND
002
drill hole with trace
2008 sample
2007 sample
shaft
open cut
adit
vein
RESULTS
(Au, Ag, Pb, Zn)
(ppb, ppm, ppm, ppm)
Au values in red in g/t,
Pb, Zn values in red in %
FIGURE 5a
Silver Basin Detail
100m


Sample Au ppb Au g/t Ag ppm Ag g/t Pb ppm Pb% Zn ppm Zn %
9002 >1000 1.06 >30 1121.8 >10000 8.71 >10000 3.8
9003 >1000 1.82 >30 3779.7 >10000 27.2 >10000 3.79
9005 215 >30 4714.3 >10000 46.2 699
526081 410 >30 1209.8 >10000 6.68 >10000 1.53
526082 >1000 2.81 >30 1059.9 >10000 14 >10000 2.28
526083 530 >30 120.0 1808 7761
526084 >1000 1.61 >30 3159.6 >10000 37.3 >10000 5.23
ALICE 1
ALICE
55573
62317
YC56161
MURRAY 15
YC56163
MURRAY 3
YC39002
R.J.
81721
VENUS 3
Y 33308
MURRAY 4
YC39003
CALF
62282
7091400
7091200
7091000
492400
492600
492800
493000
08CH001
526084
9002
Alice Vein
08CH003
9003
Caribou NE Adit
TR CH08-03
08CH002
50
526083
526082
TR CH08-02
08CH004
Caribou Adit
08CH005
526081
08CH006
9005
70
TR CH08-01
Caribou Shaft
Caribou Vein
Open cut
Adit
Caved adit
Trench
Quartz vein
Sample location, #
Shaft
RAB drill hole
Diamond drill hole
Scale 1:5000
50 0 50 100 150
(metres)
NAD83 / UTM zone 8N
Monster Mining Corp.
Figure 5b
Detail of Caribou Hill Area
NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling
Mining District- Mayo
UTM- Zone 8N
Date- March 12, 2010
Stewart Basin Exploration


493500
494000
7090000
FAITH SHAFT
Faith Gulch
SKI 30
54513-15
526096 0.69, 2160, 13.4%, 120, Sb
Faith Shaft
70 ppb, 9.9, 515, 94
105 ppb, 8.2, 296, 274
526098
526099
526097 2.35, 2640, 37.3%, 118, Sb
Greenstone
trail
FAITH VEIN
Carbou Hill Fault
F-TR3
Phyllite
F-TR2
F-TR1
Greenstone
clearing
4800'
526100
10 ppb, 2.6, 74, 23
road
54517-18
Results
Au g/t, Ag g/t, Pb ppm, Zn ppm
unless otherwise specified
Trench
Quartz vein
Sample location, #
Shaft
Claim post - GPS location
50 0 50 100
(metres)
NAD83 / UTM zone 8N
Northex Ventures Inc.
Keno-Lightning Project
Faith Area
Figure 6
January 5, 2008


Diamond Drillhole
BE DDH1
-45
trail
4200'
7088000mN
7087500mN
494000mE
494500mE
MAJA 12
MAJA 11
MAJA 11
MAJA 10
MAJA 22
MAJA 9
MAJA 9
MAJA 8
MAJA21
MAJA 20
MAJA 7
4500
McMillan
Gulch
N
(<5, <0.2, 17, 11) 526093
526095 (1.16, <0.2, 23, 65)
(20, 0.4, 40, 285) 526091
526092(5, <0.2, 27, 57)
526094 (95, <0.2, 27, 86)
Bema Trench
T-25 Vein
trend
526111 (9.50, 18.2, 728, 16)
(1.40, 4.2, 176, 26) 526110
(30, 1.3, 86, 11)/1m 526109 py
526191(1. 67, 2668, 28.5, 351)
(260, 224, 2.62, 286)/0.7m 526190
BEMA Au 31.5 g/t Au
(Bonnar, 1981)
BEMA Ag
(220, 5.8, 411, 91) 526193
526192
(545, 584, 6.29, 3042)
5000
50
60
50
FIGURE 7
Bema Showing
150m
LEGEND
Nad 83, Zone 8
2008 sample
2007 sample
RESULTS (Au, Ag, Pb, Zn) (ppb, ppm, ppm, ppm)
Au values in red in g/t, Pb, Zn values in red in %

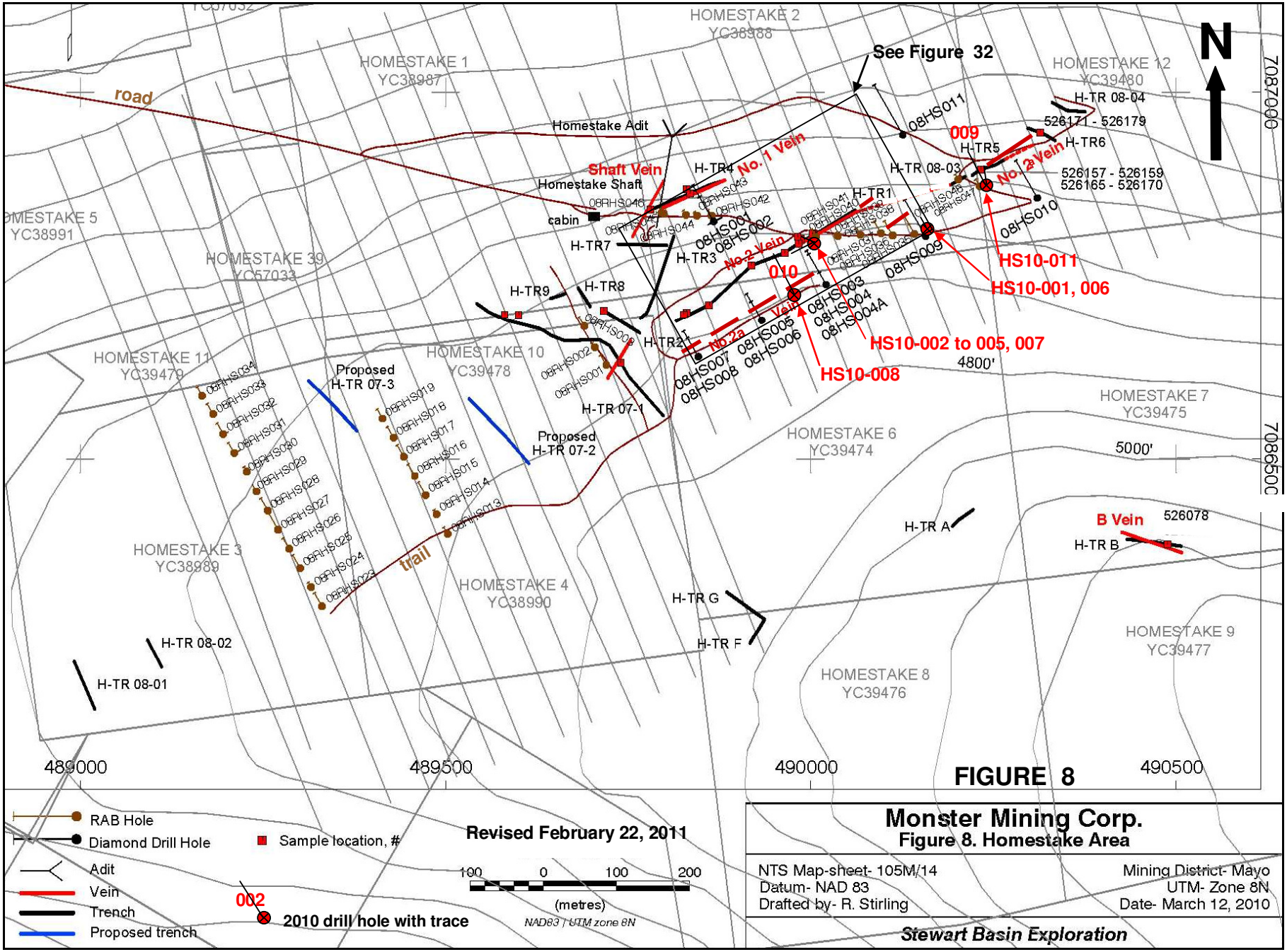


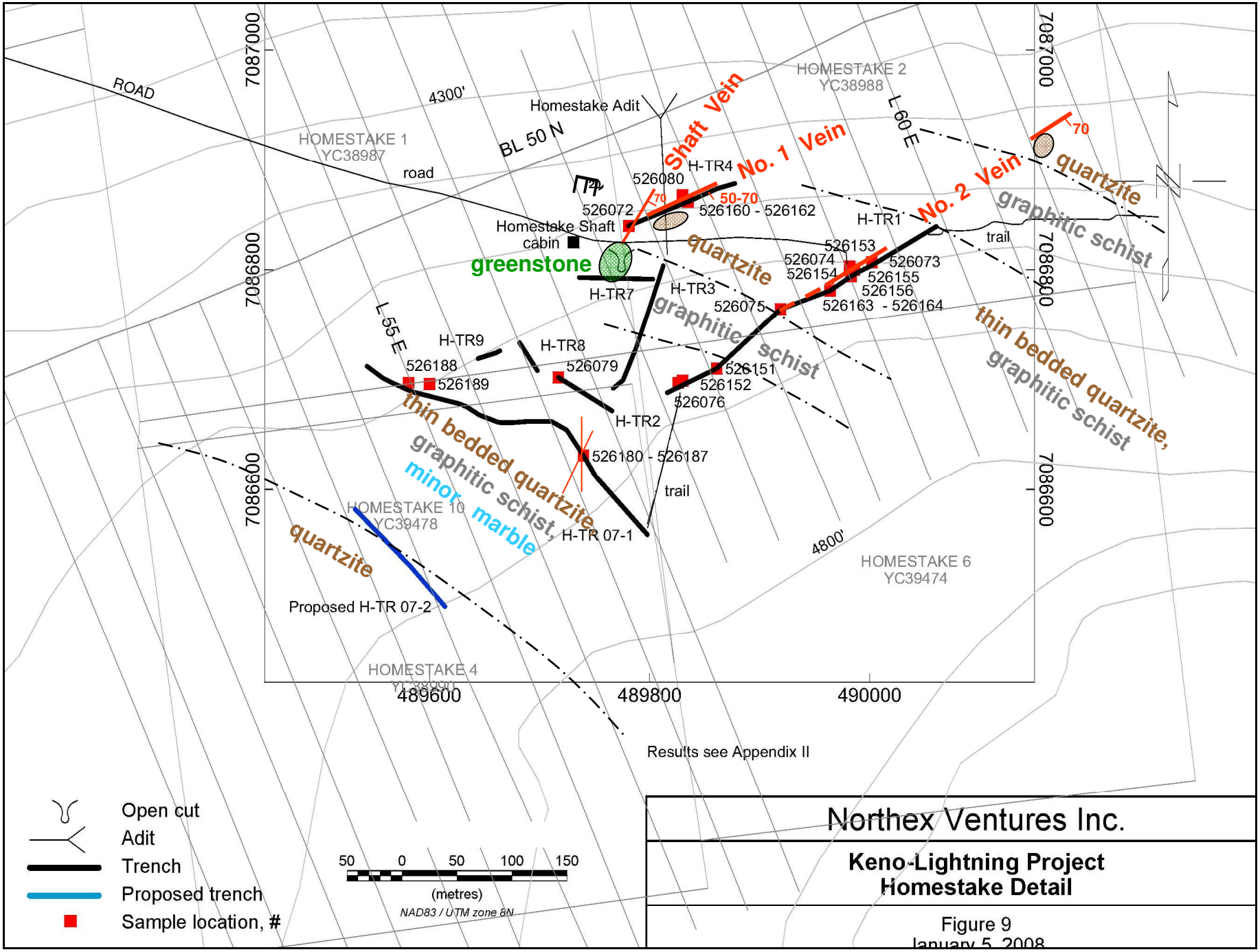

**FIGURE 8**

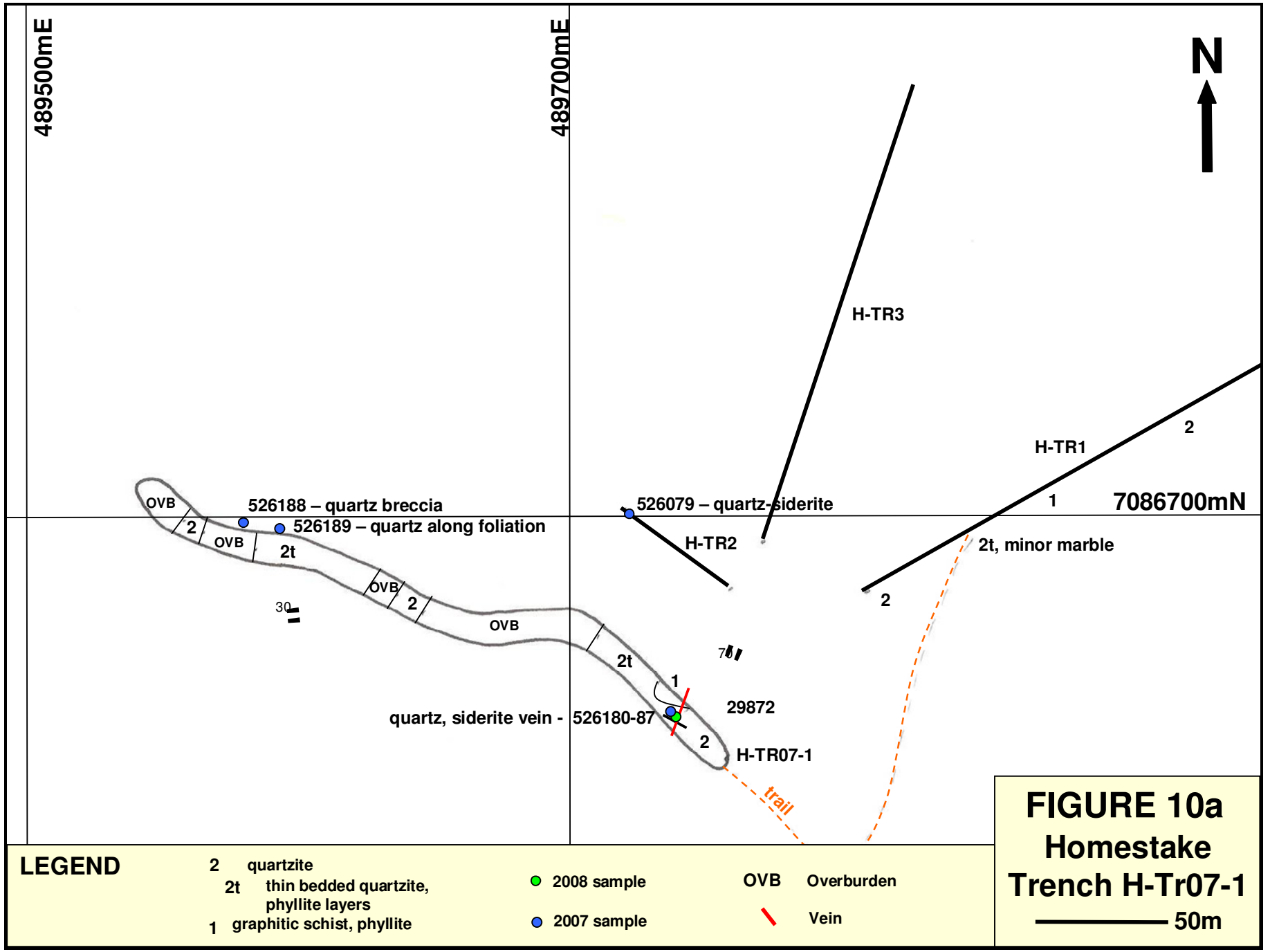
**Monster Mining Corp.**
**Figure 8. Homestake Area**

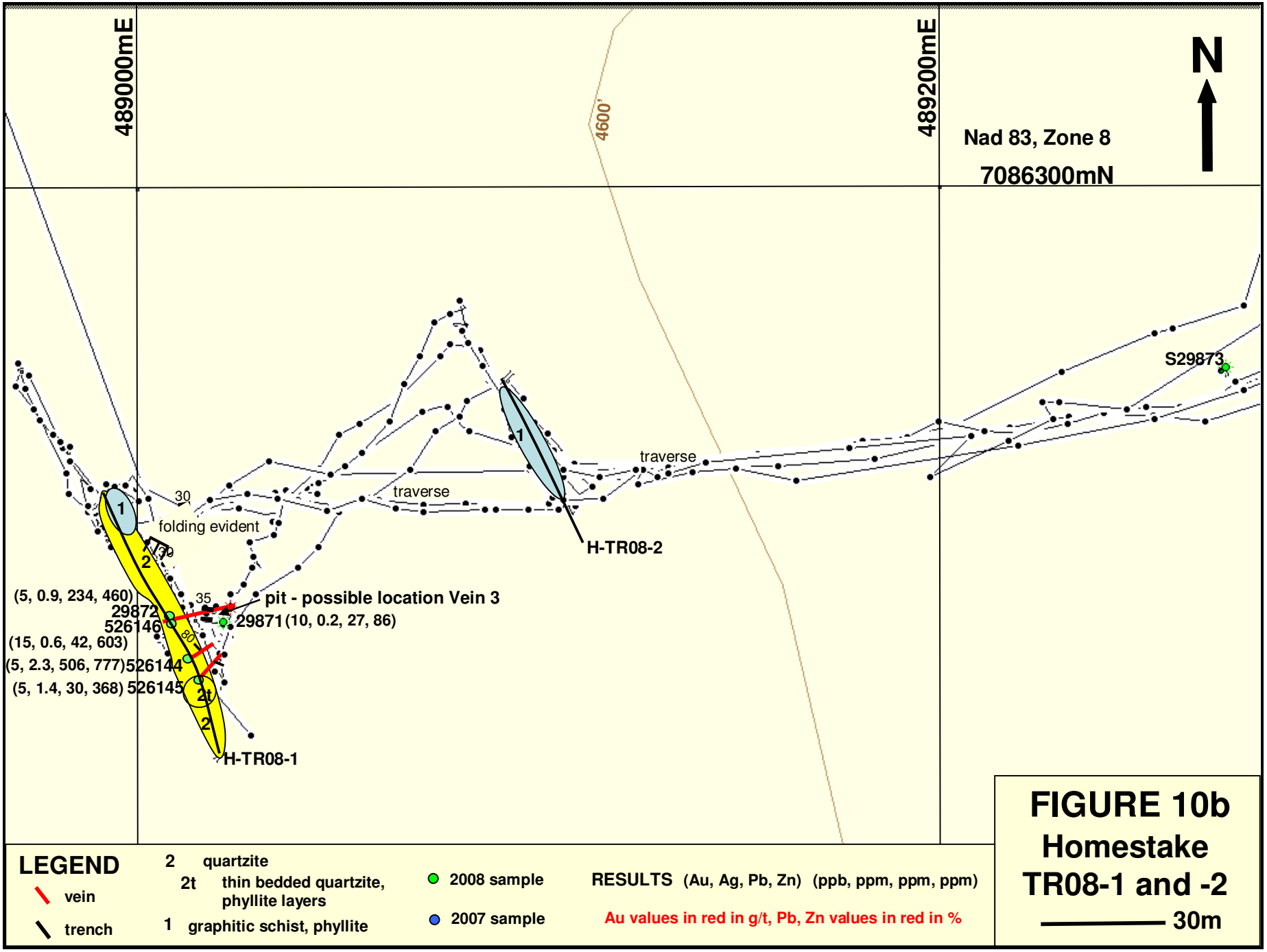
NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

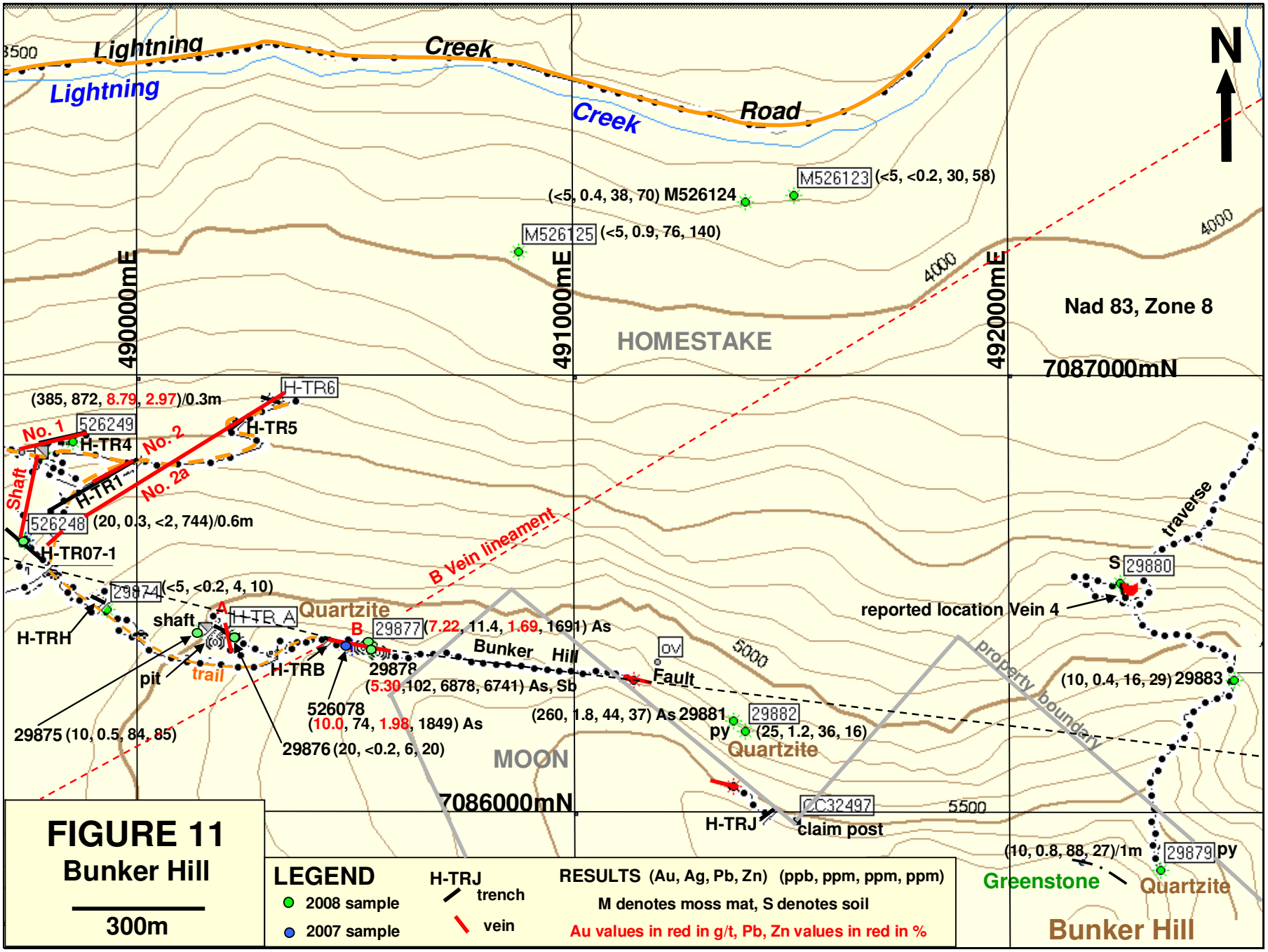
Mining District- Mayo
UTM- Zone 8N
Date- March 12, 2010

***Stewart Basin Exploration***


ROAD
4300'
HOMESTAKE 1
YC38987
road
BL 50 N
Homestake Adit
HOMESTAKE 2
YC38988
L 60 E
Shaft Vein
No. 1 Vein
No. 2 Vein
H-TR4
526080
70
50-70
526160 - 526162
526072
Homestake Shaft
cabin
greenstone
H-TR7
H-TR3
H-TR1
trail
quartzite
graphitic schist
526153
526074
526154
526073
526155
526156
526163 - 526164
526075
L 55 E
H-TR9
H-TR8
526188
526189
526079
526151
526152
526076
H-TR2
526180 - 526187
thin bedded quartzite, graphitic schist
thin bedded quartzite, graphitic schist, minor marble
HOMESTAKE 10
YC39478
H-TR 07-1
4800'
HOMESTAKE 6
YC39474
quartzite
Proposed H-TR 07-2
HOMESTAKE 4
YC39600
7087000
7086800
7086600
489600
489800
490000
Results see Appendix II
Open cut
Adit
Trench
Proposed trench
Sample location, #
50 0 50 100 150
(metres)
NAD83 / UTM zone 8N
Northex Ventures Inc.
Keno-Lightning Project
Homestake Detail
Figure 9
January 5, 2008


489500mE
489700mE
N
H-TR3
H-TR1
2
1
7086700mN
526188 – quartz breccia
526189 – quartz along foliation
526079 – quartz-siderite
H-TR2
2t, minor marble
OVB
2
OVB
2t
OVB
2
OVB
30
2t
1
29872
quartz, siderite vein - 526180-87
2
H-TR07-1
trail
LEGEND
2 quartzite
2t thin bedded quartzite, phyllite layers
1 graphitic schist, phyllite
2008 sample
2007 sample
OVB Overburden
Vein
FIGURE 10a
Homestake
Trench H-Tr07-1
50m


489000mE
489200mE
4600'
N
Nad 83, Zone 8
7086300mN
S29873
traverse
traverse
1
1
30
folding evident
30
2
H-TR08-2
(5, 0.9, 234, 460)
35
pit - possible location Vein 3
29872
526146
29871 (10, 0.2, 27, 86)
(15, 0.6, 42, 603)
80
(5, 2.3, 506, 777) 526144
(5, 1.4, 30, 368) 526145
2t
2
H-TR08-1
LEGEND
vein
trench
2 quartzite
2t thin bedded quartzite, phyllite layers
1 graphitic schist, phyllite
2008 sample
2007 sample
RESULTS (Au, Ag, Pb, Zn) (ppb, ppm, ppm, ppm)
Au values in red in g/t, Pb, Zn values in red in %
FIGURE 10b
Homestake
TR08-1 and -2
30m


Lightning Creek
Lightning Creek
Road
N
M526123 (<5, <0.2, 30, 58)
(<5, 0.4, 38, 70) M526124
M526125 (<5, 0.9, 76, 140)
4000
4000
4000
490000mE
491000mE
492000mE
Nad 83, Zone 8
7087000mN
HOMESTAKE
H-TR6
(385, 872, 8.79, 2.97)/0.3m
No. 1
526249
H-TR4
No. 2
H-TR5
Shaft
H-TR1
No. 2a
526248 (20, 0.3, <2, 744)/0.6m
H-TR07-1
B Vein lineament
29874 (<5, <0.2, 4, 10)
H-TRH
shaft
A
H-TR A
Quartzite
B
29877 (7.22, 11.4, 1.69, 1691) As
Bunker Hill
ov
Fault
5000
pit
trail
H-TRB
29878
(5.30,102, 6878, 6741) As, Sb
526078
(10.0, 74, 1.98, 1849) As
29875 (10, 0.5, 84, 85)
29876 (20, <0.2, 6, 20)
(260, 1.8, 44, 37) As 29881
29882
py (25, 1.2, 36, 16)
Quartzite
MOON
7086000mN
H-TRJ
CC32497
claim post
5500
S 29880
traverse
reported location Vein 4
property boundary
(10, 0.4, 16, 29) 29883
(10, 0.8, 88, 27)/1m
29879 py
Greenstone
Quartzite
Bunker Hill
FIGURE 11
Bunker Hill
300m
LEGEND
2008 sample
2007 sample
H-TRJ
trench
vein
RESULTS (Au, Ag, Pb, Zn) (ppb, ppm, ppm, ppm)
M denotes moss mat, S denotes soil
Au values in red in g/t, Pb, Zn values in red in %

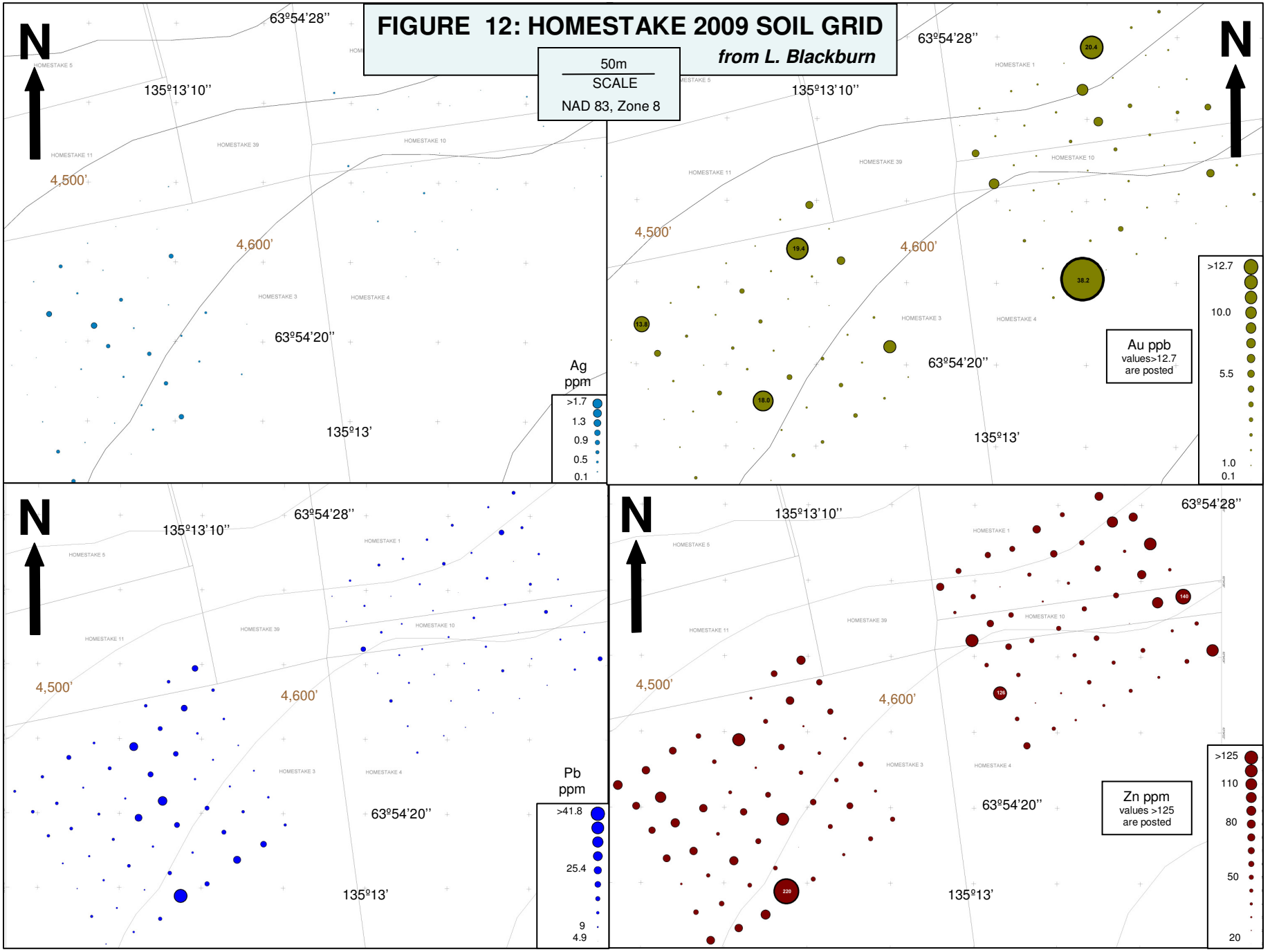


FIGURE 12: HOMESTAKE 2009 SOIL GRID
from L. Blackburn
50m
SCALE
NAD 83, Zone 8
N
63º54'28"
135º13'10"
4,500'
4,600'
63º54'20"
135º13'
Ag ppm
>1.7
1.3
0.9
0.5
0.1
Au ppb
values>12.7
are posted
>12.7
10.0
5.5
1.0
0.1
Pb ppm
>41.8
25.4
9
4.9
Zn ppm
values >125
are posted
>125
110
80
50
20

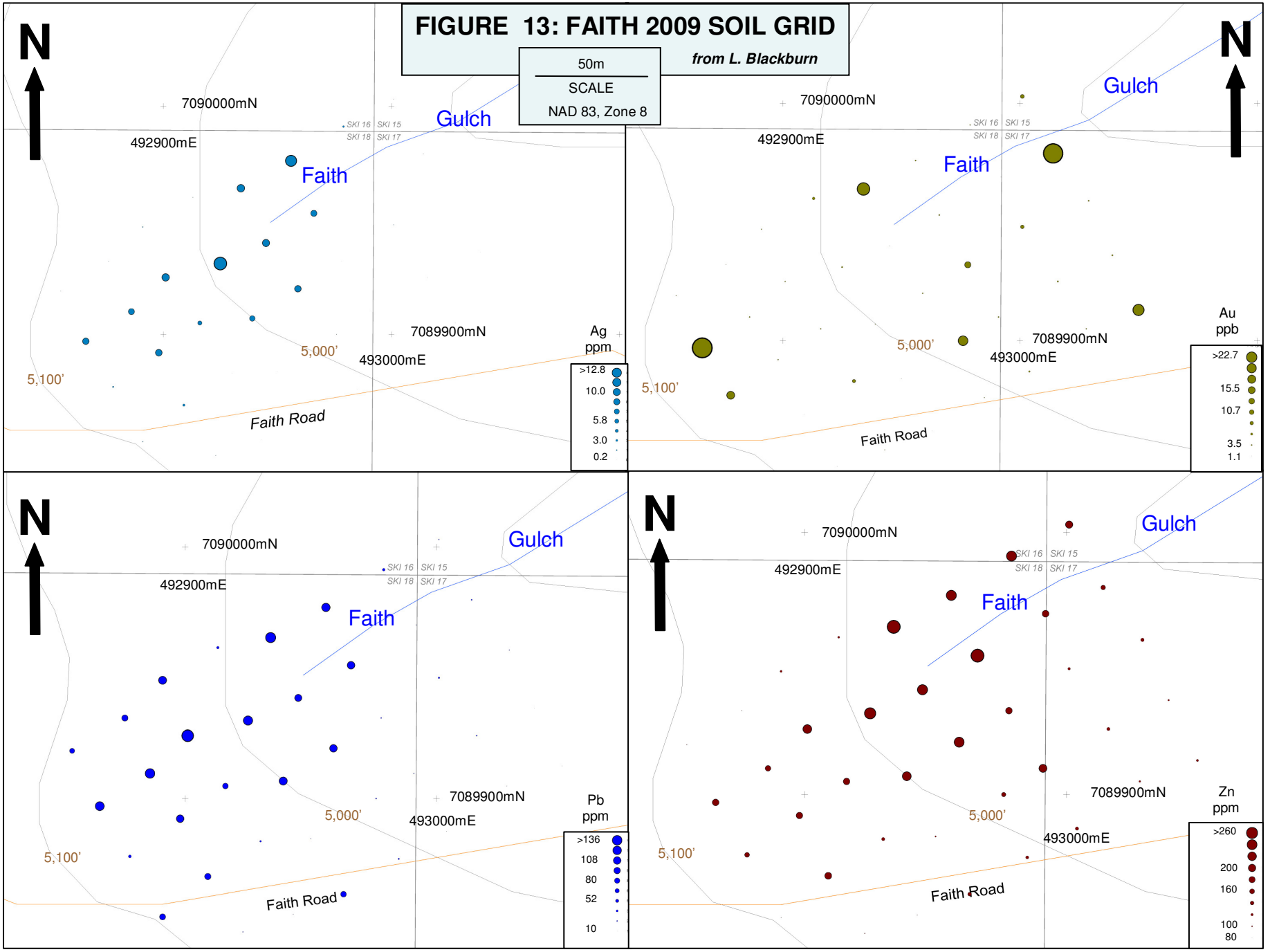
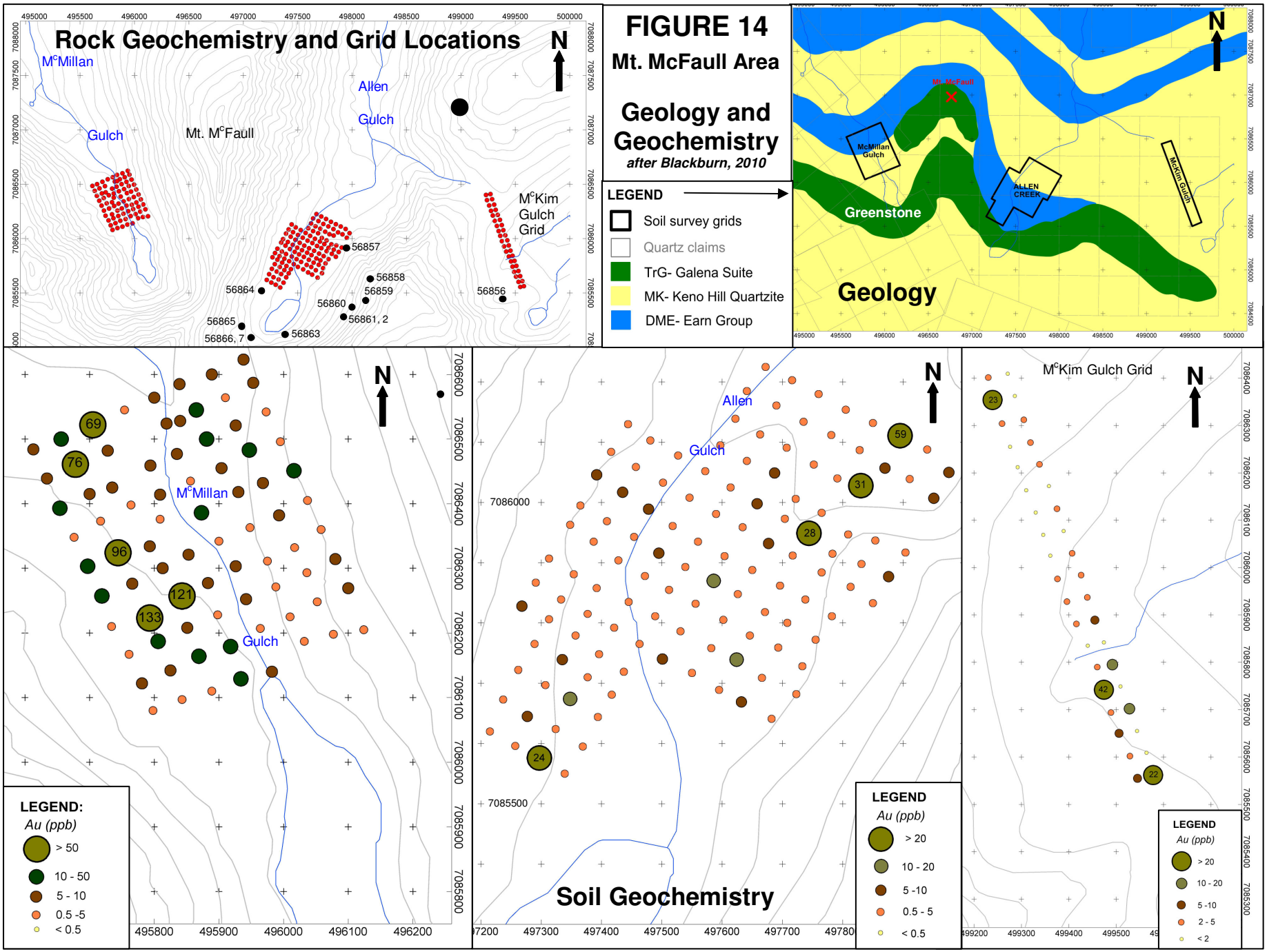
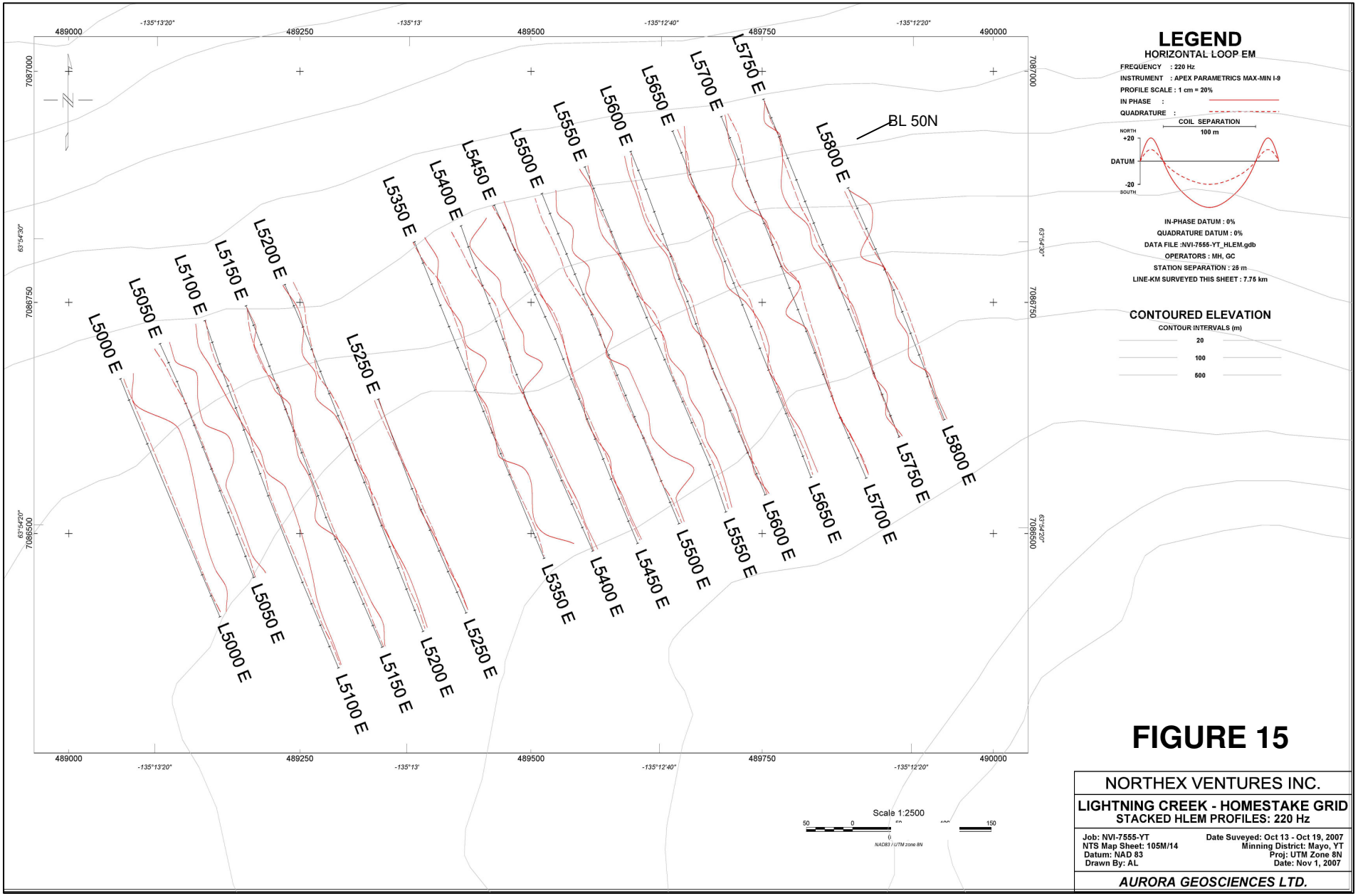


FIGURE 13: FAITH 2009 SOIL GRID
from L. Blackburn
50m
SCALE
NAD 83, Zone 8
N
7090000mN
492900mE
Gulch
Faith
SKI 16 SKI 15
SKI 18 SKI 17
7089900mN
493000mE
5,000'
5,100'
Faith Road
Ag ppm
>12.8
10.0
5.8
3.0
0.2
Au ppb
>22.7
15.5
10.7
3.5
1.1
Pb ppm
>136
108
80
52
10
Zn ppm
>260
200
160
100
80


Rock Geochemistry and Grid Locations
McMillan
Gulch
Mt. McFaull
Allen
Gulch
McKim
Gulch
Grid
56857
56858
56859
56860
56861, 2
56863
56864
56865
56866, 7
56856
N
FIGURE 14
Mt. McFaull Area
Geology and Geochemistry
after Blackburn, 2010
LEGEND
Soil survey grids
Quartz claims
TrG- Galena Suite
MK- Keno Hill Quartzite
DME- Earn Group
Mt. McFaull
McMillan Gulch
ALLEN CREEK
McKim Gulch
Greenstone
Geology
LEGEND:
Au (ppb)
> 50
10 - 50
5 - 10
0.5 -5
< 0.5
McMillan
Gulch
Allen
Gulch
Soil Geochemistry
LEGEND
Au (ppb)
> 20
10 - 20
5 -10
0.5 - 5
< 0.5
McKim Gulch Grid
LEGEND
Au (ppb)
> 20
10 - 20
5 -10
2 - 5
< 2




# FIGURE 15

NORTHEX VENTURES INC.

**LIGHTNING CREEK - HOMESTAKE GRID**
**STACKED HLEM PROFILES: 220 Hz**

Job: NVI-7555-YT
NTS Map Sheet: 105M/14
Datum: NAD 83
Drawn By: AL

Date Suveyed: Oct 13 - Oct 19, 2007
Minning District: Mayo, YT
Proj: UTM Zone 8N
Date: Nov 1, 2007

*AURORA GEOSCIENCES LTD.*

## 10.2 Geophysics

A 7.75 line km HLEM electromagnetic geophysical survey was carried out by Aurora Geosciences of Whitehorse, Yukon for Northex Ventures Inc. (now Monster Mining Corp.) on the Homestake Group of claims of the Keno-Lightning property from October 13 to 19, 2007 *(Figure 15)*. The survey utilized an Apex MAXMIN I-9 system, serial number 6317 with a 100m coil separation. The survey was carried out over a grid utilizing a 065º trending cut baseline with picketed stations at 25m on cut lines 50m apart *(Lebel and Higgs, 2007)*.

Due to weather conditions in the steep terrain, only the central part of the southern grid area was completed. The survey did not pick up the known veins but a conductor was identified, particularly at the lowest frequency, between the known exposures of the two veins which appears to be reflecting a band of graphitic phyllite that was mapped through this area.

Tighter (50m) coil spacing may be more effective but it may be advisable to test VLF-electromagnetic geophysics over the known veins initially to determine its effectiveness since it is easier to employ in this terrain and more economic. The grid is already flagged at 12.5m spacings, which should be used for VLF or HLEM with 50m coil separation. If neither method is effective, 3D induced polarization could be tested.

## 10.3 Trenching (Figures 8 to 10)

Approximately 300m of new trenching (H-TR07-1) and 500m of refreshing/deepening existing old trenches (H-TR1, 4 to 6) were completed utilizing two Caterpillar D7E bulldozers, one with a ripper, on the Homestake Group of the Keno-Lightning property from October 3 to 14, 2007. Thirty-nine samples were collected by the author from the trenches primarily from vein exposures and adjacent wallrock.

The 2008 program, supervised by Mr. Jim M$^{c}$Faull, targeted the Homestake Group, the Caribou Hill veins, particularly the Caribou-Alice vein junction, and the Faith Shaft. An additional 200m of new trenching (H-TR08-1 to -4) and 575m of refreshing/deepening existing old trenches on the Homestake Group (H-TR1 to 4, 7, 07-1), 160m on Caribou Hill (CH-TR08-1 to -3) and 35m on the Faith showing (shaft and F-TR2 to -3) were excavated in 2008 utilizing a Caterpillar 330 excavator rented from Duncan Creek Golddusters Ltd. and operated by Troy Taylor of Mayo, Yukon. On the Homestake Group H-TR08-1 was mapped and sampled by the author and the initial part of H-TR08-2 mapped by the author. Six samples were collected from the trenches by the author during the Phase 1 program of 2008. A total of 43 samples were collected from the Phase 2 trenching program.

All samples were sent to Eco Tech Lab (The Stewart Group), Kamloops, British Columbia and analyzed for Au and 30 element ICP, as outlined under the “Geochemistry” section of this report. Trench locations are plotted on Figures 5b, 6 and 8, and specifications of the trenches with sample numbers are shown in Table 3 for the Homestake and Table 6 for the Caribou and Faith. GPS co-ordinates listed are for the start of the trench. Sample

descriptions with gold, silver, arsenic, antimony copper, lead and zinc results are listed in Appendix II. Lab procedures and complete results are outlined in Appendix III.

### 10.3.1 Homestake Trenching

**Table 3: Homestake trench specifications**

| Trench No. | GPS Nad 83, Northing | Zone 8 Easting | Elev. (m) | Azimuth (º) | Length (m) | Sample Numbers |
|---|---|---|---|---|---|---|
| H-TR1 | 7086803 | 490005 | 1403 | 240 | 280* (**200***) | 526151-156, 163-164, **237740, 50673** |
| **H-TR2** | 7086678 | 489743 | 1431 | 330 | **80*** | |
| **H-TR3** | 7086761 | 489785 | 1413 | 010 | **30*** | part of trench cleaned |
| H-TR4 | 7086840 | 489781 | 1376 | 070 | 100* (**100***) | 526160-162, 249-50, **237601, 54610-39** |
| H-TR5 | 7086887 | 490221 | 1349 | 070 | 60* | 526157-159, 165-170, **54605-6** |
| H-TR6 | 7086942 | 490321 | 1327 | 290 | 60* | 526171-179, **54607-9** |
| **H-TR7** | 7086784 | 489832 | 1398 | 275 | **140*** | |
| H-TR07-1 | 7086559 | 489798 | 1452 | 300 | 300 (**25***) | 526180-189, 248 |
| H-TR08-1 | 7086159 | 489020 | 1395 | 340 | 70 | 526144-146 |
| H-TR08-2 | 7086219 | 489109 | 1410 | 330 | 55 | |
| **H-TR08-3** | 7086879 | 490203 | 1368 | 230 | **20** | **54604** |
| **H-TR08-4** | 70886970 | 490386 | 1325 | 285 | **55** | |
| **TOTAL:** | | | **925 + 650 = 1575m** | | | 45, **37** |

* Existing trenches that were refreshed and/or deepened. Phase 2 trenches and samples in bold.

The deepening of Trench H-TR1 uncovered the No.2 vein, ranging in width from 0.35 to over 1.3m, over a strike length of 45m in the lower part of the trench. Bedrock was not intersected in the remainder of the trench, but float was observed another 40m along strike to the southwest in the trench which has been previously described under the "Geochemistry" section of this report (Sample 526075). The vein is an early longitudinal Keno Hill type vein trending 060º/52º?SE, mineralized with arsenopyrite, galena and stibnite, locally with green and yellow scorodite, in a dominantly quartz gangue. The vein returned high precious metal values over the narrow intervals, including 22.1 g/t Au, 332 g/t Ag, 13% Pb and 0.57% Zn, >1% As and >1% Sb over 0.35m (Sample 526155). The more sulphide rich footwall portion of the >1.3m wide, incompletely exposed portion of the vein, returned 267 g/t Ag, 1.97% Pb and 0.85% Zn over 0.3m (Sample 526164).

The wallrock of the No.2 vein consists of thinly bedded quartzite and graphitic schist. A band of graphitic schist is exposed to the southwest in the trench where the vein could not be located. The vein may have narrowed within the unfavourable schist host. Thinly bedded quartzite and graphitic schist with minor marble beds is exposed in the southwestern 50m of the trench, but bedrock was not intersected. A grab sample from the trench in Phase 2, 2008 (237740) confirmed the significant 2007 results.

In Trench H-TR5, the 1.75m hanging wall portion of what appeared to be the strike extent of the No.2 Vein was exposed, 240m along strike to the northeast of the exposure in Trench H-TR1. From the diamond drill program it appears that this is a separate vein, which will be referred to as No.2a. Further deepening of the trench eventually exposed the entire 6m wide vein, the footwall portion of which does not appear to have been previously exposed. Mineralization includes minor stibnite, arsenopyrite and galena within quartz in the hanging wall portion with minor galena, sphalerite in a quartz±siderite gangue in the

footwall portion. The vein returned good precious metal values over wider intervals including 8.2 g/t Au, 118 g/t Ag, 5.3% Pb and <1% Zn over 3.55m with the hanging wall side of the vein returning 15.4 g/t Au, 224 g/t Ag and 10.3% Pb over 1.75m, calculated as weighted averages. Individual sample results are tabulated below.

**Table 4: Significant intersections in H-TR5**

| Sample No. | Width (m) | Au (g/t) | Ag (g/t) | Pb (%) | Zn (ppm) | Comments |
|---|---|---|---|---|---|---|
| 526157 | 0.96 | 0.96 | 2.3 | 0.041 | 840 | Hanging wall quartzite |
| 526158 | 0.55 | 10.0 | 340 | 17.2 | 824 | Quartz vein |
| 526159 | 1.2 | 17.9 | 171 | 7.09 | 957 | Quartz vein |
| 526165 | 1.4 | 1.27 | 9.2 | 0.186 | 2495 | Quartz vein, breccia |
| 526166 | 0.4 | 0.88 | 34.5 | 1.15 | 4175 | Quartz, gouge |
| 526167 | 0.5 | 0.475 | 11.5 | 0.294 | 1.92% | Siderite, sphalerite |
| 526168 | 1.2 | 1.72 | 7.5 | 0.148 | 502 | Quartz vein |
| 526169 | 1.3 | 0.485 | 12.0 | 0.019 | 1. 23% | Oxide, quartzite footwall |

A 2 by 3m panel sample collected from Trench H-TR5 in 2008 returned 3.50 g/t Au, 370 g/t Ag, 16.2% Pb, 5,334 ppm Zn, 3,930 ppm As and >10,000 ppm Sb (Sample 54605).

Trench H-TR08-3 explored the No.2a vein just uphill from (southwest of) the intersection uncovered in Trench H-TR5 with a 2m by 1m panel sample of limonitic quartzite with siderite and galena stringers in H-TR08-3 returning 645 ppb Au, 52.3 g/t Ag, 1.54% Pb, 3,110 ppm Zn, 3,035 ppm As and 155 ppm Sb (Sample 54604).

In 2007 Trench H-TR6 exposed the No.2a vein 95m along strike to the northeast of the exposure in Trench H-TR5, for a total strike extent of 135m exposed in Trenches H-TR08-3, H-TR5 and H-TR6. In H-TR6 two veins of 1.6m and 0.3m occur over a distance of 2.3m trending 060°/70°SE. Mineralization includes minor galena and sphalerite in a quartz-siderite gangue. Results include 1.32 g/t Au, 116 g/t Ag, 1.67% Pb and 1.58% Zn over 0.5m (Sample 526174) and 45 g/t Ag, 1.76% Pb and 4.35% Zn over 0.3m (Sample 526177). Maximum results in 2008 were 1.51 % Zn, 0.5% Pb with 10.2 g/t Ag and 140 ppb Au from a 2m by 2m panel sample (Sample 54608)

H-TR08-4 targeted the No.2a vein 60m along strike to the northeast of the H-TR6 intersection. No significant mineralization was intersected.

Difficulty was encountered in exposing the No.1 vein in Trench H-TR4 due to extreme oxidation and fracturing. However a 1.3m wide portion of the vein was exposed in 2007, apparently trending 060º/70ºSE consisting of siderite, minor quartz and sphalerite with a 0.3m wide galena and minor freibergite rich zone in the footwall portion of the vein. The vein returned high grade values of 1,592 g/t Ag, 0.6 g/t Au, 22.7% Pb and 0.91% Zn over 0.3m (Sample 526161) with 519 g/t Ag, 0.27 g/t Au, 6.9% Pb and 1.26% Zn as a weighted average over 1.3m. The vein is a typical second stage Keno Hill type vein. The vein appeared to trend 060º/50ºSE, which is a longitudinal vein, as opposed to the transverse vein exposed in the original shaft, which trends 030º/70ºSE. The above vein exposure was deepened in 2008 returning 872 g/t Ag, 0.39 g/t Au, 8.8% Pb and 2.97% Zn over 0.3m (Sample 526249).

The entire Trench H-TR4 was subsequently deepened in the Phase 2, 2008 program with 5 lines of panel sampling completed, 115 to 15m northwest of the shaft (Lines 1-5). Highly significant results were obtained 95m (Line 2) and possibly 65m (Line 3) northwest of the shaft. Line 2 returned 2,844 g/t Ag, 300 ppb Au, 25.9% Pb and 6.1% Zn across 4m as a weighted average from samples 54614-15. Line 3 returned 1,650 g/t Ag, 235 ppb Au, 15.2% Pb and 0.5% Zn across 3m as a weighted average from samples 54623-25.

The shaft area at the head of Trench H-TR4 (west end) was excavated in 2008, delineating the Shaft vein. The 0.9m wide vein was found to trend 035º/70ºSE and returned 3,168 g/t Ag, 4.67 g/t Au, 0.15% Pb, 2.56% Zn and 2.83% Cu with >10,000 ppm Sb over 0.9m (Sample 526250). The high antimony, copper and silver signify the presence of freibergite.

Trench H-TR07-1 was excavated to crosscut the No.2 vein, 270m along strike to the southwest of the exposure in H-TR1 and the No.1 vein, 300m along strike to the southwest of the exposure in H-TR4, in an area clear of the old workings. Difficulty was encountered due to permafrost and heavy oxidation. A 2.0m quartz-minor siderite vein was exposed in the trench along trend of the No.2 vein but further deepening of the trench indicated a 025º/70ºE trend for part of this vein. Anomalous values were obtained with 0.21% Zn from a grab sample (Sample 526180) and 0.12% Zn associated with 475 ppm As across a 1.5m wide more siderite rich portion of the vein (Sample 526183). It is possible that this vein represents the Shaft vein offset along the Mt. Keno Fault, although the offset appears to be only 75m, compared to the 150m of expected dextral offset. Additional excavation in 2008 delineated a 000º/45ºW trend for the vein returning only elevated zinc (526248). Potential still exists at depth and along strike.

Trench H-TR08-1 was excavated to test a previous soil geochemical anomaly from United Keno Hill Mines, 1.1 km generally along trend to the southwest from the southwestern most float exposure of the No.2 vein in Trench H-TR1. Three small veins were encountered in the trench, 10 to 30 cm wide, proximal to a small pit with minor quartz float previously excavated to the east. No significant values were obtained from the pit (Samples 29871-72) or trench (Samples 526144-46) with the highest values of 2.3 g/t Ag, 506 ppm Pb and 777 ppm Zn from a 050º/80ºN trending (similar trend to the No.2 Vein) 10 cm wide vein (Sample 526144).

Trench H-TR08-2 was excavated 100m to the northeast of H-TR08-1 in an attempt to transect the same veins targeted in that trench. The trench intersected graphitic schist with no indications of quartz, so was not completed. No samples were collected.

Other old trenches and workings exist on the Homestake property, which were located and recorded using a Garmin GPS Map 76, in Nad 83, Zone 8 projection and are tabulated below.

**Table 5: Location of other old workings on Homestake**

| Name of Working | UTM Northing | NAD83 Easting | Elevation (m) |
|---|---|---|---|
| H-ADIT | 7086938 | 489810 | 1322 |
| H-SHAFT | 7086840 | 489781 | 1376 |
| H-Open Cut | 7086799 | 489765 | 1386 |
| H-Trench 2 start | 7086678 | 489743 | 1431 |
| H-Trench 2 end | 7086702 | 489717 | 1416 |
| H-Trench 3 start | 7086692 | 489767 | 1436 |
| H-Trench 3 end | 7086795 | 489806 | 1400 |
| H-Trench 7 start | 7086786 | 489800 | 1398 |
| H-Trench 7 end | 7086793 | 489736 | 1390 |
| H-Trench 8 start | 7086708 | 489698 | 1428 |
| H-Trench 8 end | 7086726 | 489664 | 1407 |
| H-Trench 9 start | 7086724 | 489660 | 1407 |
| H-Trench 9 end | 7086719 | 489644 | 1404 |
| H-Trench A start | 7086416 | 490201 | 1538 |
| H-Trench A end | 7086419 | 490185 | 1533 |
| H-Trench B start | 7086384 | 490488 | 1602 |
| H-Trench B end | 7086391 | 490433 | 1591 |
| H-Trench F start | 7086256 | 489916 | 1497 |
| H-Trench F end | 7086282 | 489923 | 1497 |
| H-Trench G start | 7086282 | 489923 | 1497 |
| H-Trench G end | 7086319 | 489885 | 1498 |
| H-Trench H start | 7086473 | 489925 | 1477 |
| H-Trench H end | 7086482 | 489921 | 1483 |
| H-Trench I start | 7086418 | 490163 | 1534 |
| H-Trench I end | 7086414 | 490166 | 1535 |
| H-Trench J start | 7085986 | 491437 | 1733 |
| H-Trench J end | 7086000 | 491453 | 1733 |

### 10.3.2 Caribou Hill and Faith Trenching

Trenching on Caribou Hill consisted of refreshing/deepening existing old trenches along the Caribou vein and at the suspected intersection of the Caribou and Alice veins. Specifications are outlined in Table 6 below. The following discussion of the 2008 trenching program on Caribou Hill and the Faith showing, completed during the Phase 2 program, has been summarized from M$^{c}$Faull, 2009.

**Table 6: Caribou Hill and Faith trench specifications**

| Trench No. | GPS Nad 83, Northing | Zone 8 Easting | Elev. (m) | Azimuth (º) | Length (m) | Sample Numbers |
|---|---|---|---|---|---|---|
| CH-TR08-1 | 7091058 | 492789 | 1798 | 180 | 100 | |
| CH-TR08-2 | 7091085 | 492805 | 1805 | 270 | 30 | |
| CH-TR08-3 | 7091187 | 492803 | 1768 | 015 | 30 | |
| Faith Shaft E. | 7090184 | 493775 | 1417 | - | 5 | 54513-16 |
| F-TR2, 3 | 7090099 | 493805 | 1437 | 155 | 30 | 54517-18 |
| **TOTAL:** | | | | | **195m** | **6** |

CH-TR08-1 was excavated to deepen an old trench covering the main Caribou adit and shaft area, particularly the north end of the trench where significant galena was found

*(Figure 5b)*. The top of the old Caribou adit was partly removed and a small stope close to the adit was exposed in the wall of the trench. The 20 cm wide galena vein at the north end of the trench was followed for about 25m southward where it appears to pinch out in unfavourable schist wall rocks, continuing as a strong red-orange limonite zone for another 30m. The southern end of the trench may have ended in permafrost and not reached bedrock.

The geology of CH-TR08-2 is not documented in M$^{c}$Faull (2009) but the trench may have exposed a thick section of the Caribou vein just north of CH-TR08-1 *(Figure 5b)*.

CH-TR08-3 targeted the suspected intersection of the Caribou and Alice veins 120m north of CH-TR08-1, previously trenched probably in the 1980's *(Figure 5b)*. The trench intersected unfavourable graphitic and sericitic schists. The Caribou/Alice vein junction may lie to the northeast over the edge of the Silver Basin Gulch cirque headwall.

No samples were collected from the trenches on Caribou Hill.

Minor galena and freibergite, hosted by up to 5 cm wide veinlets, were reported from the excavation just to the east of the Faith shaft but no significant results were obtained (54513-16). No mineralization was noted within the refreshed F-TR2 and 3 area, 75m along trend to the south, although a rusty zone in greenstone may represent a very narrow vein *(Figure 6)*. Elevated values of 11.9 ppm Ag, 2726 ppm Pb and 3510 ppm Zn (54518) were obtained with 350 ppb Au in 54517, suggestive of proximity to a vein.

## 11.0 DRILLING

### 11.1 Previous Drilling

The only record of previous drilling was the 203.9m of underground drilling in 4 holes by Hecla Mining Company of Canada Ltd. in the Homestake Adit. Two of the drill collars were located in 2007 at the end of the east crosscut, one trending northerly and one southerly. It is probable that the remaining two holes were drilled in the same fashion from the end of the west crosscut, which is caved. Results from the drilling could not be located but no mineralization was reported to have been found underground *(Deklerk and Traynor, 2005)*. The fact that the west crosscut is caved suggests that the Shaft and the No.1 veins may be offset by a fault.

A drill collar was located on the Maja 13 claim, trending 100º/-45º, with HW casing still left in the hole, in an area of no exposure *(Figure 7)*. The hole may have targeted a geophysical anomaly.

### 11.2 2008 Drilling

A total of 1,762m of diamond drilling in 17 holes and 1,510m of rotary air blast (RAB) drilling (RAB) in 53 holes was completed on the Keno-Lightning Project between July 25

and September 1, 2008 by Monster Mining Corp. The diamond drilling was carried out by Kluane Drilling Ltd. of Whitehorse, utilizing NTW thin-walled wireline tools. The rotary air blast (RAB) drilling was completed by Stan Dodd Drilling, Whitehorse, Yukon. Drill hole locations are shown on Figures 5 and 5b for Caribou Hill and Figure 8 for the Homestake showing.

Diamond drill recoveries were generally good, averaging 90%, and production was above average for the Keno Hill camp, averaging 90.3 feet (27.5m)/shift *(McFaull, 2009)*. The old Homestake adit provided a steady supply of water for the drill program on the Homestake. Water for the Caribou Hill drilling utilized a supply sump in Faith Creek near the Faith Shaft, 1,500m of waterline with a 450m vertical lift and 4 pumps *(McFaull, 2009)*.

Diamond drill hole specifications are summarized in Table 7. Lithological diamond drill cross-sections showing select silver and gold results are plotted in Figures 16 to 25. The core is stored at the Homestake showing at 489731mE, 7086825mN, Nad 83, Zone 8 projection with two boxes covering a significant intercept in 08HS-009 transported to the field office of Monster Mining Corp., Whitehorse, Yukon Territory.

**Table 7: 2008 diamond drill hole specifications**

| Hole Number | Nad 83 Easting | Zone 8 Northing | Elev. (m) | Azimuth (°) | Dip (°) | Depth (m) | Recovery (%) | No. of Samples |
|---|---|---|---|---|---|---|---|---|
| 08CH001 | 492843 | 7091192 | 1796.8 | 30 | -50 | 140.2 | 97.6 | 3 |
| 08CH002 | 492843 | 7091192 | 1796.8 | 30 | -65 | 109.7 | 99.1 | 7 |
| 08CH003 | 492839 | 7091193 | 956.4 | 325 | -70 | 100.6 | 95.6 | 1 |
| 08CH004 | 429830 | 7091066 | 956.4 | 270 | -70 | 101.8 | 89.1 | 1 |
| 08CH005 | 492830 | 7091046 | 956.4 | 270 | -70 | 106.7 | 87.8 | 17 |
| 08CH006 | 492830 | 7091026 | 956.4 | 270 | -70 | 88.4 | 87.8 | 12 |
| 08HS001 | 489867 | 7086824 | 1384.2 | 330 | -50 | 88.4 | 83.3 | 2 |
| 08HS002 | 489867 | 7086824 | 1384.2 | 330 | -65 | 91.4 | 90.9 | 3 |
| 08HS003 | 490021 | 7086738 | 956.4 | 330 | -50 | 82.9 | 85.3 | 5 |
| 08HS004 | 490021 | 7086738 | 956.4 | 330 | -65 | 44.2 | 71.9 | 1 |
| 08HS004A | 490021 | 7086738 | 956.4 | 330 | -65 | 112.8 | 87.0 | 12 |
| 08HS005 | 489933 | 7086689 | 956.4 | 330 | -60 | 83.8 | 82.2 | 10 |
| 08HS006 | 489933 | 7086689 | 956.4 | 330 | -75 | 114.3 | 87.3 | 8 |
| 08HS007 | 489846 | 7086639 | 956.4 | 330 | -60 | 80.8 | 87.9 | 5 |
| 08HS008 | 489846 | 7086639 | 956.4 | 330 | -75 | 114.3 | 94.9 | 9 |
| 08HS009 | 490157 | 7086804 | 1402.0 | 330 | -50 | 88.4 | 93.3 | 9 |
| 08HS010 | 490310 | 7086856 | 1373.9 | 330 | -50 | 91.4 | 85.2 | 5 |
| 08HS011 | 490126 | 7086942 | 1340.9 | 330 | -50 | 121.9 | 90.2 | 5 |
| **TOTAL** | | | | **(5781 ft)** | | **1762** | **90.0** | **115** |

The six holes, totalling 647m, drilled on Caribou Hill (Murray 3 claim), targeted the depth extent of the Caribou vein below the main Caribou trench (CH-TR08-1) and the suspected intersection of the Caribou and Alice veins. Another eleven holes totalling 1,335m were drilled on the Homestake showing (Homestake #1, 2, 4 & 6 claims) to explore the depth extent of the Homestake No.1 and No.2 veins below trenches HTR-4 and HTR-1, respectively.

"The RAB drill program was carried out by a skid mounted Atlas Copco BBE-57-01 rotary percussion drill powered by a 750 cubic feet per minute skid mounted air compressor. Both units were towed by a D-7 winch cat. The rock samples are pulverised to fine dust by the drill bit, and then flushed out of the hole by 100 psi air pressure being forced down the inside of the drill string and out the bit face.", *(McFaull, 2009)*. The drill mast is fixed at a dip of 57°, yielding a 57° dip for all holes adjusted by the slope of the hillside. A total of 501.2m of RAB drilling was completed on Caribou Hill in 17 holes and 1008.8m on the Homestake Group in 36 holes, for a total of 1,519m of drilling and 243m of casing overburden. The holes were drilled across the strike of the veins, with an azimuth of 270° at Caribou Hill and generally at 330° at Homestake *(McFaull, 2009)*. RAB drilling has been successful in the Keno mining camp in locating mineralized sections of the vein faults to follow up by diamond drilling *(Jim McFaull, personal communication)*.

The RAB drill was initially mobilized to Caribou Hill and drilling commenced on August 14 and completed August 21, 2008, averaging 206 feet (63m), including overburden, per day on a single shift *(McFaull, 2009)*. Specifications of the Caribou Hill rotary air blast holes are summarized in Table 8, below.

The holes were drilled in two sub-parallel fence lines along two old cat trails across the main trench (Trench CH08-1) where the old shafts and adit are located, on the Murray 3 claim. The southern line started approximately 50m east of the main trench and proceeded westward with holes every 10 to 15m (08RCH001 to 08RCH009). This produced a 115m long cross section through the centre of the main trench *(McFaull, 2009*). The second fence, about 50m north of the first (about 5m north of the north end of the main trench where the galena stringer vein was exposed), consisted of 8 holes, 15m apart covering a cross section of 135m (08RCH010 to 08RCH017 from west to east) *(McFaull, 2009)*.

**Table 8: 2008 RAB drill hole specifications on Caribou Hill**

| Hole Number | Easting NAD83 | Northing NAD83 | Azimuth (°) | Dip (°) | Depth (ft) | No. of Samples |
|---|---|---|---|---|---|---|
| 08RCH001 | 492843 | 7090994 | 270 | -55 | 100 | 2 |
| 08RCH002 | 492828 | 7090999 | 270 | -57 | 100 | 1 |
| 08RCH003 | 492815 | 7091006 | 270 | -55 | 100 | 1 |
| 08RCH004 | 492805 | 7091017 | 270 | -57 | 100 | 4 |
| 08RCH005 | 492792 | 7091025 | 270 | -52 | 55 | 7 |
| 08RCH006 | 492777 | 7091028 | 270 | -55 | 100 | |
| 08RCH007 | 492762 | 7091030 | 270 | -57 | 100 | |
| 08RCH008 | 492748 | 7091034 | 270 | -58 | 100 | |
| 08RCH009 | 492735 | 7091012 | 270 | -61 | 100 | |
| 08RCH010 | 492727 | 7091081 | 270 | -63 | 100 | |
| 08RCH011 | 492737 | 7091080 | 270 | -63 | 100 | |
| 08RCH012 | 492752 | 7091079 | 270 | -61 | 100 | 1 |
| 08RCH013 | 492767 | 7091077 | 270 | -62 | 100 | |
| 08RCH014 | 492782 | 7091075 | 270 | -62 | 100 | 1 |
| 08RCH015 | 492796 | 7091072 | 270 | -61 | 100 | 4 |
| 08RCH016 | 492805 | 7091060 | 270 | -57 | 99 | 4 |
| 08RCH017 | 492815 | 7091047 | 270 | -60 | 100 | |
| **TOTAL:** | **17 holes** | | | **(501.2m)** | **1654** | **25** |

The RAB drill was moved to the Homestake showing on August 21 to 22 and drilling commenced August 23, terminating September 10, 2008, averaging 175 feet (53m) per day on a single shift (McFaull, 2009). Three fence lines were drilled on the southwestern strike extensions of the Homestake No.1 and No.2 veins in an area of suitable flat topography (08RHS001-003, 013-19, 023-034). To the northeast the topography is too steep for fence lines, consequently individual holes were drilled along the more proximal strike length of the No.1 and No.2 veins (08RHS035-045). Hole 08RHS046 was drilled at a 270° azimuth to test the Homestake Shaft vein *(McFaull, 2009)*. Specifications of the Homestake rotary air blast holes are summarized in Table 9, below.

**Table 9: 2008 RAB drill hole specifications on Homestake**

| Hole Number | Easting NAD83 | Northing NAD83 | Azimuth (°) | Dip (°) | Depth (ft) | No. of Samples |
|---|---|---|---|---|---|---|
| 08RHS001 | 489720 | 7086628 | 330 | -60 | 100 | |
| 08RHS002 | 489704 | 7086652 | 330 | -64 | 50 | |
| 08RHS003 | 489690 | 7086681 | 330 | -62 | 100 | |
| 08RHS013 | 489503 | 7086398 | 330 | -64 | 80 | |
| 08RHS014 | 489488 | 7086425 | 330 | -63 | 50 | |
| 08RHS015 | 489473 | 7086451 | 330 | -62 | 140 | |
| 08RHS016 | 489458 | 7086477 | 330 | -61 | 122 | |
| 08RHS017 | 489443 | 7086503 | 330 | -61 | 123 | |
| 08RHS018 | 489429 | 7086529 | 330 | -62 | 120 | |
| 08RHS019 | 489414 | 7086555 | 330 | -62 | 101 | |
| 08RHS023 | 489331 | 7086300 | 330 | -58 | 130 | |
| 08RHS024 | 489316 | 7086326 | 330 | -57 | 45 | |
| 08RHS025 | 489301 | 7086352 | 330 | -57 | 120 | |
| 08RHS026 | 489286 | 7086378 | 330 | -65 | 130 | |
| 08RHS027 | 489271 | 7086404 | 330 | -62 | 180 | |
| 08RHS028 | 489257 | 7086430 | 330 | -61 | 130 | |
| 08RHS029 | 489241 | 7086456 | 330 | -60 | 70 | |
| 08RHS030 | 489228 | 7086483 | 330 | -57 | 45 | |
| 08RHS031 | 489211 | 7086508 | 330 | -58 | 100 | |
| 08RHS032 | 489196 | 7086534 | 330 | -60 | 110 | |
| 08RHS033 | 489182 | 7086561 | 330 | -61 | 110 | |
| 08RHS034 | 489167 | 7086586 | 330 | -57 | 80 | |
| 08RHS035 | 490142 | 7086807 | 330 | -57 | 167 | |
| 08RHS036 | 490142 | 7086807 | 330 | -55 | 87 | |
| 08RHS037 | 490112 | 7086805 | 330 | -60 | 150 | |
| 08RHS038 | 490096 | 7086808 | 330 | -58 | 115 | 4 |
| 08RHS039 | 490068 | 7086806 | 330 | -60 | 70 | 5 |
| 08RHS040 | 490037 | 7086804 | 330 | -55 | 30 | |
| 08RHS041 | 490007 | 7086803 | 330 | -56 | 71 | |
| 08RHS042 | 489864 | 7086832 | 330 | -61 | 60 | |
| 08RHS043 | 489844 | 7086832 | 330 | -60 | 40 | |
| 08RHS044 | 489829 | 7086833 | 330 | -56 | 40 | |
| 08RHS045 | 489799 | 7086835 | 330 | -65 | 65 | |
| 08RHS046 | 489796 | 7086836 | 270 | -64 | 60 | 1 |
| 08RHS047 | 490231 | 7086872 | 330 | -64 | 80 | 1 |
| 08RHS048 | 490202 | 7086881 | 330 | -62 | 58 | 1 |
| **TOTAL:** | **36 holes** | | | **(1008.8m)** | **3329** | **12** |

The first fence line of 3 RAB drill holes, spaced 25 to 30m apart, covering the central Trench H-TR07-1 area, targeted the Homestake No.2 vein (08RHS001 to 08RHS0003). The second RAB drill fence line, located approximately 300m southwest of the first line, covered a 180m long fence across the southwest strike projection of the Homestake No.2 and Homestake Shaft veins with 7 RAB holes spaced 30m apart (08RHS013 to 08RHS019). The third fence line, 200m southwest of the second consists of eleven RAB drill holes spaced about 30m apart, covering 300m across the southwest strike projection of the Homestake Shaft and Homestake No.2 vein fault offsets (08RHS023 to 08RHS033). The Homestake No.1 vein is suspected to be located downslope to the northwest on very steep slopes, difficult to access with a drill. RAB holes 08RHS035 to 08RHS041 and 08RHS047 to 48 targeted the depth extent of the Homestake No.2 vein below H-TR1 to H-TR5 and 08RHS042 to 08RHS045 targeted the depth extent of the Homestake No.1 vein below H-TR4 and the Shaft vein in 08RHS046 *(McFaull, 2009)* .

### 11.2.1 2008 Drill Results

#### 11.2.1.1 RAB Drill Results

Initially the RAB samples were analyzed by a Niton XL3 hand held x-ray florescent (XRF) analyzer as described under section 13.0, “Sample Preparation, Analysis And Security” to determine anomalous intervals to send to the laboratory. Based on the XRF analyses a total of 37 samples, 25 from Caribou Hill and 12 from Homestake, were submitted to the laboratory with significant results summarized in Table 10, below. More complete results are shown in Appendix IV. The RAB drilling generally provides only qualitative data (i.e. mineralization is present or absent).

**Table 10: Significant RAB drill hole results**

| Hole Number | Sample No. | Depth (ft) | Ag (g/t) | Au (ppb) | Pb (ppm) | Zn (ppm) | As (ppm) | Sb (ppm) |
|---|---|---|---|---|---|---|---|---|
| 08RCH001 | 9448 | 15-20 | 66.4 | 10 | 4794 | 1675 | 25 | 10 |
| 08RCH001 | 9449 | 20-25 | 70.2 | <5 | 3570 | 1096 | 45 | <5 |
| 08RCH002 | 9444 | 90-95 | 76.3 | 30 | 1.60 | 277 | 145 | 145 |
| 08RCH003 | 9419 | 60-65 | 198.0 | 225 | 1.75 | 4234 | 740 | 1230 |
| 08RCH004 | 9339 | 0-10 | 214.0 | 295 | 9392 | 984 | 385 | 375 |
| 08RCH004 | 9340 | 10-15 | 92.0 | 185 | 7528 | 1103 | 580 | 235 |
| 08RCH004 | 9342 | 20-25 | 110.0 | 340 | 8950 | 3711 | 1920 | 125 |
| 08RCH005 | 9330 | 10-15 | 46.4 | 35 | 2886 | 701 | 240 | 75 |
| 08RCH005 | 9331 | 15-20 | 67.8 | 35 | 3310 | 358 | 205 | 135 |
| 08RCH005 | 9332 | 20-25 | 118.0 | 55 | 5160 | 615 | 245 | 420 |
| 08RCH005 | 9333 | 25-30 | 60.3 | 15 | 2790 | 545 | 130 | 85 |
| 08RCH005 | 9334 | 30-35 | 58.1 | 45 | 3474 | 376 | 185 | 285 |
| 08RCH012 | 9208 | 65-70 | 37.9 | 10 | 476 | 795 | 20 | 45 |
| 08RCH014 | 9159 | 10-15 | 58.1 | 30 | 3700 | 1309 | 245 | 95 |
| 08RCH015 | 9144 | 30-35 | 69.8 | 130 | 7842 | 2739 | 535 | 105 |
| 08RCH015 | 9150 | 60-65 | 30.5 | 20 | 7476 | 1474 | 90 | 15 |
| 08RCH016 | 9135 | 80-85 | 368.0 | 740 | 2.92 | 2977 | 1965 | 425 |
| 08RCH016 | 9136 | 85-90 | 65.8 | 225 | 5304 | 1401 | 760 | 100 |
| 08RCH016 | 9137 | 90-95 | 68.2 | 175 | 7876 | 1493 | 465 | 165 |
| 08RHS039 | 7R54728 | 35-40 | 10.6 | 1.72 | 1312 | 272 | 1.48% | 50 |
| 08RHS039 | 7R54729 | 40-45 | 11.7 | 1.17 | 1552 | 320 | 3915 | 70 |
| 08RHS039 | 7R54730 | 45-50 | 17.5 | 1.16 | 1532 | 1705 | 3925 | 85 |
| 08RHS046 | 8R237544 | 20-25 | 70.3 | 20 | 1.17 | 4521 | 130 | 105 |

Au and Ag in red denote assays in g/t: Pb and As in red denotes assays in %

The RAB drill results from the Caribou showing suggest that the Caribou vein was intersected in 08RCH003, 005 and 014 to 016. A second, possible sub-parallel vein was intersected in the top of 08RCH004. The best intersection (368 g/t Ag) in the RAB drilling program was from the Caribou vein in hole 08RCH016, 17m below the high grade (4714 g/t Ag in sample 9004) galena stringer in the main trench. A small diamond drill program was subsequently undertaken on Caribou Hill, in part to follow up the anomalous RAB drill results, with significant DDH results summarized in Table 11.

At the Homestake the RAB drilling was completed subsequent to diamond drilling. No significant results were obtained from the southwest strike projection of the No. 2 and Shaft veins. High manganese values suggest that the Homestake No.2a vein may have been intersected in 08RHS001, the No.2 Vein in 08RHS002 and the Homestake Shaft Vein in 08RHS003. In 08RHS013-019 the veins appear to be offset to the northwest by multiple interpreted cross faults, the Bunker Hill and Mount Keno Faults, which are thought to pass through this area, generating over 150m of right lateral strike offset. Four veins are interpreted on the 08RHS013-019 fence line with the Homestake Shaft vein possibly intersected from 25' to 35' in RAB hole 08RHS026, the Homestake No.2 vein from 35'-40' in 08RHS031, and the newly defined Homestake No.7 and No.8 veins in RAB holes 08RHS033 and 08RHS032, respectively, located 40 to 55m in the footwall of the Homestake No.2 vein. A major cross fault was also intersected in holes 08RHS027 to 030, interpreted as the Galkeno Mill Fault, trending 100°/44°S with a 30m right lateral strike slip offset.

Hole 08RHS037 and 038 appear to have intersected both the Homestake No.3 and No.2 veins with anomalous arsenic and Mn with the No.2 vein also intersected in 08RHS039. Hole 08RHS045 is interpreted to have intersected the No.1 vein from 15' to 25' and the Shaft Vein from 35' to 65' with only weak mineralization. The Shaft vein may be offset by the No.1 vein in a right lateral strike slip direction. Hole 08RHS047 targeted the No.2 vein below TR08-3 and intersected the Homestake No.2a vein from 60'-65', but was lost prior to the projected intersection of the No.2 vein.

It is possible that the RAB drilling program on the Homestake showing was successful in tracing the three known veins (No.1, No.2 and Shaft), which were explored over a 1,300m strike length, and defining additional veins. The veins were generally found to be hosted by unfavourable wallrocks and found to be offset by cross faults. However, it is possible that there is a local left lateral offset to the veins to the southwest and the RAB holes did not test the southwest strike extent of the Homestake veins, which would project further to the east.

#### 11.2.1.2 2008 Diamond Drill Results

Significant results from the 2008 diamond drill program on the Caribou and the Homestake prospects are tabulated below. More complete results are shown in Appendix IV, locations on Figure 5b for Caribou Hill, Figure 8 for the Homestake, with sections in Appendix V.

**Table 11: Significant 2008 DDH results**

| Hole Number | Sample Number | From (m) | To (m) | Interval (m) | True Width | Ag (ppm) | Au (ppb) | Pb (ppm) | Zn (ppm) | Vein Name |
|---|---|---|---|---|---|---|---|---|---|---|
| 08CH001 | 7R54689-91* | 33.3 | 35.3 | 2.0 | 0.6m | 116 | 121 | 9638 | 1782 | Caribou |
| includes | 7R54690 | 34.3 | 34.5 | 0.2 | | 958 | 780 | 8.44 | 1.22 | Caribou |
| 08CH002 | 7R54694-96* | 17.7 | 21.0 | 3.3 | 0.25m | 162 | 375 | 1.54 | 1004 | Caribou |
| includes | 7R54695 | 18.6 | 19.8 | 1.2 | | 432 | 995 | 4.17 | 2140 | Caribou |
| includes | 7R54703 | 30.0 | 31.4 | 1.4 | | 120 | 185 | 9100 | 1870 | Caribou |
| 08CH002 | 7R54651 | 71.8 | 72.9 | 1.1 | 0.94m | 12.7 | 40 | 318 | 4.86 | Alice |
| 08CH004 | 7R54653 | 33.6 | 34.6 | 1.0 | 0.64m | 84.2 | 590 | 6406 | 3880 | Caribou 1 |
| 08CH005 | 7R54654-57* | 34.0 | 36.6 | 2.6 | 1.67m | 239 | 179 | 10.9 | 4535 | Caribou 1 |
| includes | 7R54655 | 35.0 | 35.5 | 0.5 | | 1046 | 765 | 3.39 | 1.44 | Caribou 1 |
| 08CH006 | 7R54673-81* | 34.6 | 39.2 | 4.6 | 2.96m | 71.8 | 187 | 5889 | 4922 | Caribou 1 |
| includes | 7R54678 | 37.1 | 37.6 | 0.5 | | 136 | 290 | 6236 | 6305 | Caribou 1 |
| and | 7R54681 | 38.6 | 39.2 | 0.6 | | 118 | 450 | 2.32 | 7701 | Caribou 1 |
| 08HS003 | 09397 | 39.3 | 40.6 | 1.3 | 1.3m | 54.2 | 45 | 744 | 623 | H-No.2a |
| 08HS004A | 8R237671 | 79.8 | 80.1 | 0.3 | 0.21m | 62.8 | 3.91 | 2.67 | 7590 | H-No.2 or 2a |
| 08HS009 | 8R237712-20* | 40.5 | 45.0 | 4.5 | 3.9m | 50.3 | 1.19 | 1.87 | 1988 | H-No.2a |
| includes | 8R237712 | 40.5 | 40.9 | 0.4 | | 98.3 | 3.30 | 4.29 | 8279 | H-No.2a |
| and | 8R237719-20* | 43.7 | 45.0 | 1.3 | 1.13m | 109 | 2.00 | 4.10 | 443 | H-No.2a |

* denotes weighted average  Au and Ag in red in g/t:  Pb and Zn in red in %

The true widths of the Caribou Vein in DDH 08CH004-006 are approximately 0.643 times the intercepted width, in 08CH001, 0.296 and in 08CH002, 0.075 times the intercepted width. True widths for the Alice Vein are approximately 0.985 the intercepted width in 08CH001 and 0.853 in 08CH002-3. True widths within the main veins at the Homestake vary from 0.866 (08HS001, 003, 009) to 0.766 (08HS005) to 0.707 (08HS002, 004A) of the intercepted width based on the strike and dip of surface exposures. True widths are approximate since dips of the veins may vary.

A brief description of the 2008 diamond drill holes (including a summary of results) follows, primarily summarized from McFaull, 2009 and checked by the author by reviewing the logs and sections.

**DDH 08CH001 to 003**

DDH 08CH001 to 003 targeted the Caribou and Alice veins proximal to their suspected intersection. DDH 08CH001 and 002 were not drilled at favourable azimuths to test the intersection due to steep topography. The holes intersected interbedded quartz sericite schist, graphite schist and thin bedded to massive quartzite, with interbeds varying in thickness from millimetres to 10 to 20m in thickness; generally an unfavourable host rock for Keno type ore shoots.

Four possible vein zones were intersected in DDH 08CH001; a fracture zone between 11.2 and 13.4m interpreted as the possible northern strike extension of the Caribou Vein; a hangingwall fracture to siderite breccia vein to foliaform quartz from 33.2 to 35.2m interpreted as the fault offset of the Caribou vein; narrow siderite veinlets from 64.6 to 67.1m interpreted as the hangingwall Alice Vein; and a void in an area of quartz sericite and black graphitic schist from 73.1 to 73.2m interpreted as the footwall Alice

vein. Four other small zones of black, manganiferous siderite stringers were intersected at 105.2 to 106.1m, 114.4 to 118.3m, 127.85 to 128.1m and 133.5 to 133.8m.

Five possible vein zones were intersected in DDH 08CH002; a siderite vein and stringer zone with galena between 18.6 to 19.8m interpreted as the possible northern strike extension of the Caribou vein; a zone including siderite veinlets in narrow fracture fillings with traces of disseminated galena and pyrite between 28.9 to 31.4m; siderite and manganese fracture fillings between 51.0 to 54.8. interpreted as the fault offset of the Caribou vein, 20m down dip of the 958 g/t Ag intersection in hole 08CH001; drusy quartz stringers breccias with trace pyrite and arsenopyrite between 61.6 and 62.0m interpreted as the hangingwall Alice vein 15m down dip from the intersection in hole 08CH001; and a brecciated zone with siderite from 71.8 to 73.2m interpreted as the footwall Alice vein 20m down dip from the intersection in hole 08CH001.

Three possible vein zones were intersected in DDH 08CH003, limonitic fractures, fault gouge and shattered core from 20.4 to 21.3m interpreted as a Caribou vein, and two small fault zones at 65.0 to 65.9m and 86.8 to 86.9m interpreted as the Alice veins.

Only three samples were collected from DDH 08CH001, all from the interpreted fault offset of the Caribou vein returning 116 g/t Ag, 121 ppb Au, 0.96% Pb and 0.18% Zn over 2.0m, including 958 g/t Ag, 780 ppb Au, 8.44% Pb and 1.22% Zn over 0.2m. The Caribou vein returned 162 g/t Ag, 375 ppb Au, 1.54% Pb and 0.10% Zn over 3.3m and 120 g/t Ag, 185 ppb Au, 0.91% Pb and 0.19% Zn over 1.4m in DDH 08CH002. One sample from the Alice vein returned, 4.86% Zn but only 12.7 ppm Ag (7R54651). Only one sample was collected from DDH 08CH003, from the Caribou vein returning no significant results.

**DDH 08CH004 to 006**

DDH 08CH004 to 006 targeted the depth extent of the Caribou vein below the main Caribou trench (CH-TR08-1). DDH 08CH004 explored the Caribou vein down dip from the north end of the main Caribou trench outcrop, where a narrow galena stringer was exposed. DDH 08CH005 targeted the vein 20m to the south of DDH 08CH004 directly down dip from the old Caribou adit, and DDH 08CH006 a further 20m to the south. The holes intersected mixed black graphitic schist, pale greenish grey quartz sericite schist and massive grey quartzite. The massive quartzite unit, a favourable host rock, appears to thicken to the south.

DDH 08CH004 intersected two possible vein zones, quartzite breccia and siderite veinlets at 33.6 to 34.7m (C1 vein), and a crushed and brecciated zone with limonitic fractures at 48.8 to 50.0m which may be a small fault zone or may represent the main Caribou vein with a slightly shallower dip. Three possible vein zones were intersected in DDH 08CH005, breccia with a manganese stringer stockwork from 34.4 to 35.0m (C1 vein), siderite stringers and fracture fillings at 57.4 to 61.1 and a quartz stringer-vein-breccia zone from 96.4 to 101.5m (C3 vein). DDH 08CH006 intersected three possible vein zones, a strong vein fault consisting of a siderite stringer-breccia zone at 34.6 to 39.2m (C1 vein), a crackle breccia zone from 61.7 to 62.8m (Main vein), and limonitic fracture fillings and a small fault zone between 77.3 and 83.3m (C3 vein).

The upper vein in DDH 08CH004 to 006 exhibited the best mineralization returning 84.2 g/t Ag, 590 ppb Au, 0.64% Pb and 0.39% Zn over 1.0m in DDH 08CH004, 239 g/t Ag, 179 ppb Au, 10.9% Pb and 0.45% Zn over 2.6m in DDH 08CH005 and 71.8 g/t Ag, 187 ppb Au, 0.59% Pb and 0.49% Zn over 4.6m in DDH 08CH005.

The six diamond drill holes on Caribou Hill were successful in intersecting the Caribou and Alice vein systems. There appears to be three sub-parallel veins within the Caribou vein system, striking 360°/70°E. There are two Alice Veins striking N60°E/50°SE.

**DDH 08HS001 to 002 and HS011**

DDH 08HS001 to 002 targeted the Homestake No.1 vein down dip from significant mineralization encountered in Trench H-TR4. The holes intersected mixed graphitic schist, massive quartzite, thin bedded quartzite and quartz sericite schist, with small greenstone sills in DDH 08HS001. DDH 08HS011 targeted the northeastern strike extension of the Homestake No.1 vein, 280m northeast of the collars of 08HS001 and 08HS002 and intersected predominately grey quartzite with limestone in the bottom third of the hole.

DDH 08HS001 intersected the No.1 vein at 54.3 to 56.4m, occurring as a strong vein fault with approximately 30% core loss, 25m down dip from the mineralization in Trench H-TR4. DDH 08HS002 intersected the No.1 vein at 64.2 to 65.6m, 20m farther down dip from 08HS001. A narrow quartz vein with trace pyrite and arsenopyrite was also intersected at 20.7 to 20.9m in DDH 08HS002. Two possible vein faults were encountered in DDH 08HS011, possibly the Homestake No.1 at 49.0 to 50.3m and a new quartz breccia vein at 109.7 to 112.5m referred to as the Homestake No.6 vein.

No significant results were obtained from the No.1 vein possibly due to core loss in DDH 08HS001 and unfavourable schistose wallrocks in DDH 08HS002. It is possible that DDH 08HS011 was collared too far to the west and missed the No.1 vein due to its moderate dip to the southeast.

**DDH 08HS003 to 004A**

DDH 08HS003, 004 and 004A were drilled to explore the Homestake No.2 vein down dip from significant surface mineralization exposed in the northeast end of Trench H-TR1. DDH 08HS004, drilled with HTW core was lost due to caving at 44.2m. The hole was successfully reduced to NTW core and redrilled past the cave, as 08HS004A. The holes intersected massive quartzite with more graphitic schist and thin bedded quartzite at lower elevations and a small, steeply dipping greenstone dyke.

DDH 08HS003 intersected two vein zones. An early stage quartz-sulphide (pyrite and arsenopyrite) breccia vein (referred to as Homestake No.2a) was intersected between 37.5 to 44.5m, parallel to and about 25m into the hangingwall of the No.2 Vein, which was intersected as a strong fault zone between 67.4 and 68.9m, 28m below the surface showing of the Homestake No.2 vein in Trench H-TR1. Hole 08HS004 intersected the Homestake No.2a vein as a strong fault zone from 42.8 to 44.2m, at which point the hole was lost. In hole 08HS004a the Homestake No.2a vein, was intersected from 44.3 to 45.8m and the Homestake No.2 Vein as a fault zone with quartz from 76.2 to 80.1m

approximately 20m down dip from the 08HS003 intersection and 50m down dip from the surface exposure in Trench H-TR1.

The Homestake No.2a vein returned enhanced values of 54.2 g/t Ag, 45 ppb Au, 0.07% Pb and 0.06% Zn over 1.3m in DDH 08HS003, and the No. 2 vein returned significant gold over a narrow width with 62.8 g/t Ag, 3.91 g/t Au, 2.67% Pb and 0.76% Zn over 0.3m in DDH 08HS004A. It is also possible that both intersections are from the Homestake No.2a Vein, dipping steeply and DDH 08HS003 and 004a, not deep enough to intersect the Homestake No.2 vein.

**DDH 08HS005 to 006**

DDH 08HS005 to 006 were drilled to explore the down dip extension of the Homestake No.2 Vein beneath the centre of Trench H-TR1, 100m on strike to the southwest of the southwestern known extent of the vein. The holes intersected massive grey quartzite with minor black graphitic schist partings down to 60m with massive greenstone below.

The holes intersected the Homestake No.4 vein from 10.9 to 11.3m in 08HS005 (but may be a boulder) and possibly from 20.8 to 21.7m in 08HS006. The Homestake No.2a vein may have been intersected between 46.4 to 59.4m in 08HS005 and between 67.3 and 78.3m in 08HS006. DDH 08HS005 may not have been drilled deep enough to intersect the Homestake No.2 vein, which may have been intersected from 96.7 to 99.7m in 08HS006 as quartz, breccia and siderite breccia with a footwall quartz stringer zone at 108.9 to 109.2m. It is possible that this vein intercept is the down dip extent of the vein (Homestake No.4) intersected in the top of DDH 08HS005 and in fact is the No.2a vein, dipping steeply. Another possible vein was encountered from 32.0 to 32.9m in 08HS006.

No significant results were obtained.

**DDH 08HS007 to 008**

DDH 08HS007 to 008 targeted the Homestake vein system down dip from the southwestern end of Trench H-TR07-1, 105m southwest of 08HS005 and 006. The holes intersected mixed quartzite, thin bedded quartzite and graphitic schist and minor limestone with sericitic schist and greenstone also intersected in the bottom of 08HS008.

DDH 08HS007 intersected two vein zones, possibly the Homestake No.4 vein at 27.0 to 28.5m and the Homestake No.2a quartz breccia-siderite vein from 46.9 to 47.2m. DDH 08HS008 intersected barren cross faults at 19.8 to 21.2m and 26.1 to 30.2m. The Homestake No.4 vein, consisting of quartz breccia and minor pyrite and siderite, was possibly intersected from 36.8 to 40.2m and the Homestake No.2a vein, with disseminated arsenopyrite and pyrite, was intersected at 52.0 to 52.3m. The Homestake No.2 vein was not intersected in this section probably due to the holes not being drilled far enough. A cross fault, referred to as the Core Shack Fault, was intersected at 67.9 to 69.6m, with 5m of right lateral strike slip movement.

No significant results were obtained.

**DDH 08HS009**

DDH 08HS009 targeted the Homestake No.2a vein between trenches H-TR1 and H-TR5. The hole intersected massive grey quartzite with minor black graphitic schist partings down to the footwall contact of the Homestake No.2a vein. From there the hole intersected mixed graphitic and sericitic schists, thin bedded quartzite, minor limestone and greenstone.

Two vein zones were intersected, a quartz breccia-stringer zone with pyrite at 29.2 to 31.6m that may be the Homestake No.4 vein, and quartz breccia with minor scorodite and arsenopyrite to siderite vein at 39.4 to 47.9m, as the No.2a vein. Two other weak fault zones were intersected in this hole at 53.0 to 53.7m and at 60.4 to 60.6m at the depths interpreted by M$^{c}$Faull (2009) for the strike projection of the Homestake No.2 Vein.

Significant results include 50.3 g/t Ag, 1.19 g/t Au, 1.87% Pb and 0.20% Zn over 4.5m, including 109 g/t Ag, 2.00 g/t Au, 4.1% Pb 1.1m from the Homestake No.2a vein.

**DDH 08HS010**

DDH 08HS010 targeted the northeastern strike extension of the Homestake No.2a vein, midway between Trenches H-TR5 and H-TR6. The hole intersected grey quartzite with variable, from 5% to 45%, black graphitic schist interbeds, with minor limestone and greenstone. Four possible vein zones were encountered, a fault zone at 13.0 to 15.4m which may represent the Homestake No.5 vein, a second fault zone at 39.6 to 39.9m on strike with the Homestake No.4 vein, a third fault zone at 64.6 to 65.0m on trend of the Homestake No.2a vein, and a brecciated white quartz vein and fault zone from 82.2 to 87.9m in an altered greenstone, interpreted as the Homestake No.2 vein.

No significant results were obtained and it is probable that the hole was not drilled deep enough to intersect the Homestake No.2a and No.2 veins.

## 11.3 2010 Drilling

A total of 2,251m of diamond drilling in 18 holes was completed on the Keno-Lightning Project between August 20$^{th}$ and September 17$^{th}$ 2010 by Monster Mining Corp. with 1104.5m in 7 holes conducted on the Silver Basin, and 1146.7m in 11 holes on the Homestake *(Ettlinger, 2011)*. The drilling was carried out by Kluane Drilling Ltd. of Whitehorse, Yukon, utilizing two hydraulic KD600 drills with NTW-diameter drill steel. A brief description of the 2010 diamond drill program, summarized from Ettlinger (2011), follows.

Diamond drill recoveries and production were generally good for the Keno Hill camp. Core recovery averaged 86% at Homestake and 88% at Silver Basin, and production averaged 29.1 m/shift at Silver Basin (Rig 1) and between 18.7 m/shift (Rig 2) and 27.9 m/shift (Rig 1) at Homestake. Numerous problems were encountered during the drill program, predominantly related to broken ground conditions and inadequate water supplies. Four of the 18 holes failed to achieve their target depth, and three holes, (one

at Silver Basin, two at Homestake) were abandoned with drill steel unrecovered. Water at Silver Basin was sourced from a creek, 300 vertical metres below the drill sites utilizing 900m of water line and two pumps. At Homestake, the Homestake adit and run-off in a drainage adjacent to the access road provided drilling water. Upon completion of the 2010 drill program, the drill core was stored in either racks or stacked pallets, wrapped in canvas tarpaulins, and secured for winter.

Diamond drill hole specifications are summarized in Table 12. Drill hole locations are shown on Figure 5a for Silver Basin and Figure 8 for Homestake. Lithological diamond drill cross-sections showing select silver and gold results are shown in Appendix V. Core was stored adjacent to the core logging and processing facilities at Silver Basin and Homestake, at 491050mE, 7091515mN (NAD 83, zone 8) and 489731mE, 7086825mN (NAD 83, zone 8), respectively.

**Table 12: 2010 diamond drill hole specifications**

| Prospect | Hole ID | Nad 83 Easting | Zone 8 Northing | Elev. (m) | Depth (m) | Dip (°) | Azimuth (°) | Recovery (%) | No. of Samples |
|---|---|---|---|---|---|---|---|---|---|
| Homestake | HS10-001 | 490163 | 7086811 | 1402 | 82.0 | -65 | 330 | 78.5 | 14 |
| Homestake | HS10-002 | 490016 | 7086797 | 1392 | 65.5 | -55 | 258 | 94.8 | 16 |
| Homestake | HS10-003 | 490016 | 7086797 | 1392 | 77.7 | -75 | 258 | 84.0 | 0 |
| Homestake | HS10-004 | 490016 | 7086797 | 1392 | 35.1 | -55 | 280 | 88.8 | 0 |
| Homestake | HS10-005 | 490016 | 7086797 | 1392 | 52.1 | -85 | 280 | 86.9 | 13 |
| Homestake | HS10-006 | 490163 | 7086811 | 1402 | 127.7 | -85 | 330 | 89.8 | 11 |
| Homestake | HS10-007 | 490016 | 7086797 | 1392 | 23.8 | -65 | 320 | 76.6 | 1 |
| Homestake | HS10-008 | 489969 | 7086722 | 1436 | 140.2 | -63 | 330 | 87.4 | 4 |
| Homestake | HS10-009 | 490243 | 7086872 | 1359 | 113.6 | -60 | 330 | 86.4 | 5 |
| Homestake | HS10-010 | 489973 | 7086720 | 1432 | 304.0 | -90 | - | 83.9 | 5 |
| Homestake | HS10-011 | 490243 | 7086872 | 1359 | 125.0 | -80 | 345 | 86.8 | 6 |
| Silver Basin | SB10-001 | 491147 | 7091539 | 1615 | 129.3 | -50 | 320 | 91.9 | 70 |
| Silver Basin | SB10-002 | 491147 | 7091539 | 1615 | 203.0 | -65 | 300 | 88.7 | 25 |
| Silver Basin | SB10-003 | 491147 | 7091539 | 1615 | 319.5 | -90 | - | 89.5 | 25 |
| Silver Basin | SB10-004 | 491090 | 7091642 | 1594 | 149.4 | -60 | 320 | 81.0 | 35 |
| Silver Basin | SB10-005 | 491090 | 7091642 | 1594 | 146.3 | -60 | 300 | 70.6 | 21 |
| Silver Basin | SB10-006 | 491090 | 7091642 | 1594 | 73.2 | -65 | 268 | 86.7 | 19 |
| Silver Basin | SB10-007 | 491090 | 7091642 | 1594 | 83.8 | -80 | 268 | 94.7 | 10 |
| **TOTAL** | **18 holes** | | | | **2251.2** | | | | **280** |

Drilling at Silver Basin targeted depth extensions of the No.3 vein and possibly the No.5 and Main veins (holes SB10-001 to 003), exposed in several historic open cuts, and the No. 1 and 2 veins (holes SB10-004 to 007), exposed in old open cuts, shafts, adits and trenches. At Homestake, holes HS10-002, 003, 004, 005 and 007 targeted high-grade gold and silver zones identified by chip sampling *(Pautler, 2008a)* in the No. 2 vein exposed in Trench H-TR1, holes HS10-001 and 006 targeted the No. 2 and 2a veins, holes HS10-008, 010 targeted depth continuations of mineralization intersected in drill hole 08HS006 *(M$^c$Faull, 2009)*, and holes HS10-009 and 011 targeted high-grade silver mineralization in the No. 2a vein, exposed in Trench H-TR5 *(Pautler, 2008a)*.

### 11.3.1 2010 Drill Results

Significant results from the 2010 diamond drill program on the Silver Basin and the Homestake prospects are summarized in Table 13 below. More complete results are shown in Appendix IV, locations on Figure 5a for Silver Basin, Figure 8 for the Homestake, with sections in Appendix V.

**Table 13: Significant 2010 diamond drill results**

| Hole No. | Sample No. | From (m) | To (m) | Interval (m) | TW (m) | Ag (ppm) | Au (ppb) | Pb (ppm) | Zn (ppm) | Vein Name |
|---|---|---|---|---|---|---|---|---|---|---|
| HS10-001 | 114267-68* | 47.3 | 50.1 | 2.8 | 1.98 | 59 | 3387 | >10000 | 3738 | HS 2a |
| HS10-002 | 114002 | 7.01 | 7.38 | 0.37 | 0.30 | 38.7 | 785.8 | 6871 | 132 | HS 2a |
| HS10-006 | 114260 | 73.15 | 73.37 | 0.22 | 0.09 | 4027 | 172.4 | >10000 | 6451 | HS 2a |
| HS10-009 | 114280 | 33.35 | 34.09 | 0.74 | 0.57 | 359 | 4880.3 | >10000 | 241 | HS 2a |

* denotes weighted average TW denotes true width

True widths of Vein 2a intersections from Homestake vary from 0.422 (HS10-006) to 0.707 (HS10-001) to 0.766 (HS10-009) to 0.819 (HS10-002) times the intersected widths, based on the surface strike and dip of the vein. True widths are estimates, as strike and dip of the vein may vary with depth *(Ettlinger, 2011)*.

A brief description of the 2010 diamond drill holes (including a summary of results) is summarized from Ettlinger (2011) and checked by the author by reviewing the logs and sections.

**DDH SB10-001 to 003**

DDH SB10-001 to 003 targeted depth extensions of the No.3 siderite-galena-freibergite vein, exposed in historic open cuts at Silver Basin, at increasingly deeper depths. All three holes intersected intercalated bedded to massive quartzite, quartz-sericite schist and graphitic schist and significant zones of broken ground and fault gouge. DDH SB10-001 and SB10-002 failed to reach their target depths of 300m. Hole SB10-001 was terminated at 129.24m when the rods stuck in broken ground, and SB10-002 was terminated at 203.0m due to poor ground conditions.

DDH SB10-001 intersected three possible vein zones. A zone of weak oxidation in dark grey dirty quartzite, containing 5-10% quartz-sulphide veins and rare, narrow (1mm) sulphide stringers, characterized by large, oxidized cubic pits (interpreted as relict sulphides) was intersected between 28.5 and 31.66m and may represent the subsurface expression of the No. 3 vein. A zone of vuggy quartz-carbonate±sulphide veins containing large euhedral oxidized pits in thinly bedded to massive quartzite was intersected at 76.6m to 81.07m. A 60 cm wide quartz-calcite-galena-freibergite vein from 104.2m may represent the sub-surface expression of the No.5 vein, the Main vein or another concealed, previously unidentified vein.

DDH SB10-002 intersected three possible vein zones, an interval of strongly oxidized graphitic fault gouge between 18.7 and 25.4m, which contained minor quartz vein fragments and exhibited a brecciated basal contact with the underlying quartzite, a coarse-grained friable milky quartz vein with dark, fine-grained (possible sulphide)

veinlets along quartz grain boundaries in massive quartzite at 133.8m to 134.1m, and a coarse grained milky quartz-pyrite-arsenopyrite-possible tetrahedrite vein in foliated, sericite altered quartzite between 178.7 and 181.88m. The latter intersection may represent Tombstone-age gold mineralization, which pre-dates Keno-type silver mineralization and is related to the intrusion of Tombstone suite granitoids in the region.

DDH SB10-003 did not intersect any possible vein zones.

The best intersection of vein No.3 was 46.8 g/t Ag, 137.2 ppb Au with 0.47% Pb, 1299.4 ppm As and 50.8 ppm Sb over 1.53m from 19.81 to 21.34m in SB10-002 (Sample 113084).

**SB10-004 to 007**

DDH SB10-004 to 007 targeted the depth extensions of the No.1 and 2 veins at Silver Basin, exposed in historic open cuts, shafts, adits, and trenches. All four holes intersected a package of quartz-sericite schists, graphitic schists and laminated to massive quartzite, with extensive zones of broken ground and numerous faults.

DDH SB10-004 intersected two possible vein zones (No.2 and another vein), a fine-grained quartz-sulphide vein in quartzite between 57.77 and 58.24m, a 6.7m thick zone of broken, weakly oxidized quartzite at 65.29m containing up to 3% narrow quartz-ankerite veinlets.

DDH SB10-005 intersected one possible vein zone (No.2 vein), between 42.24 and 44.20m, characterized by strongly oxidized vuggy quartzite with blade-shaped, limonite-stained euhedral pits and associated siderite and calcite alteration, which may represent the sub-surface expression of the No.5 vein.

DDH SB10-006 intersected four possible vein zones. A coarse grained massive quartz-galena-pyrite-siderite vein, hosted within oxidized quartzite extends from surface to 3.66m (No.1 vein). A zone of bleached, oxidized quartzite, the surface of which is pitted with euhedral vugs with 1-2% silvery sulphide was intersected from 12.6 to 16.5m. The zone is heavy and dense, and appeared to contain up to 7% anglesite (lead sulphate), but no lead was obtained in the laboratory results. A narrow (60 cm) quartz-sulphide vein in unoxidized quartzite was intersected from 32.20m and a friable, oxidized quartz-galena-freibergite vein in massive quartzite between 58.0 and 58.34m, but not sampled.

As in DDH SB10-006, DDH SB10-007 intersected a possible mineralized zone near the surface (No.1 vein), in addition to two further possible vein zones at depth (No.2 vein). The hole intersected up to 40% quartz-sulphide veins in moderately oxidized to unoxidized quartzite from the base of the casing at 4.57m to 9.34m. Veins were characteristically coarse-grained, oxidized and friable. Two additional possible vein zones were intersected, one at 42.86 to 45.5m, characterized by up to 30% friable vein quartz containing fine-grained silvery sulphides and possible barite in sandy quartzite, and another at 70.42 to 71.02m, a heavy quartz-barite(?) vein with minor silvery sulphides hosted within a fault zone.

No significant results were obtained.

**DDH HS10-001, 006**

DDH HS10-001 and 006 targeted the No.2 and 2a veins, exposed in Trench H-TR1 and H-TR5, respectively, and were designed to follow up on mineralization intersected in DDH 08HS-009, drilled in 2008, with a planned target depth of greater than 300m in order to intersect the more northerly No.2 vein. Due to difficult drilling conditions both holes were abandoned significantly short of target depth with drill steel remaining in the ground. Both holes intersected a package of predominantly competent weakly to foliated massive quartzite and intercalated quartz-sericite schist and encountered a number of broken and faulted zones, and lenses of unconsolidated sand. Neither hole intersected the No.2 vein, the primary target.

DDH HS10-001 intersected two possible vein zones, a narrow quartz-carbonate-sulphide (galena?) vein in quartzite between 20.08 and 20.32m, and a broad zone between 47.3 and 55.2m characterized by white fault gouge containing 10-15% friable quartz veins between 47.3 and 48.75m, a coarse grained, vuggy, strongly oxidized quartz vein with up to 10% galena between 48.75 and 50.1m, brecciated massive quartzite with vuggy broken siderite, trace oxidized galena and rare silvery sulphides (possibly freibergite) in the footwall of the above quartz vein, and a massive, friable, weakly oxidized quartz vein with minor scorodite between 54.8 and 55.2m.

DDH HS10-006 intersected one possible vein zone comprising a 1.05 m wide zone of strongly oxidized quartzite at 60.0m, hosting up to 20% vuggy quartz veins with oxidized euhedral pits, possibly reflecting the presence of sulphides, and a zone of a brecciated and faulted quartzite between 62.4m and 74.91m, which terminated in a narrow (0.27 m) vuggy quartz vein hosting up to 20% galena at the basal contact.

In both holes, the zones are interpreted to be the Homestake No.2a vein, intersected by DDH 08HS-009. DDH HS10-001 returned 3387.6 ppb Au over 2.7m from 47.3m, hosted within a vein fault, and DDH HS10-006 returned 4027 g/t Ag (129.5 oz/t) over 0.27m from 73.15m in a narrow vuggy quartz-galena vein.

**HS10-002 to 005, 007**

DDH HS10-002 to 005 and 007 targeted high-grade mineralization reported from chip samples collected from the No.2 vein exposed in Trench H-TR1. The vein was targeted with a series of five short holes, all of which were drilled from a single pad at different dips and azimuths to define the orientation of the vein at depth. All five holes intersected a package of massive to foliated grey quartzite and intercalated felsic and graphitic schist, with numerous broken and faulted zones, and lenses of poorly indurated sand.

DDH HS10-003 and 004 did not intersect any vein zones, and were not sampled. DDH HS10-002, 005 and 007 intersected possible vein zones, in all cases represented by fragments of quartz vein rubble in faulted zones within quartzite. The zones were intersected at 22.0 to 22.56m and 53.88 to 54.65m (HS10-002); 12.83 to 16.14m and 36.81 to 51.82m (HS10-005); and 14.29 to 16.15m (HS10-007).

No significant results were obtained.

**HS10-008, 010**

DDH HS10-008 and 010 were designed to test the No.2 and 2a veins, targeted originally in DDH 08HS-005 and 006. Both holes had projected target depths of >300m, but, due to poor ground conditions and drilling difficulties, DDH HS10-008 was terminated at 140.21m to avoid the loss of drill steel in the hole. Both holes intersected a package of massive to schistose quartzite with minor interbedded graphitic schist and numerous rubbly, broken and faulted zones. Both holes intersected a dolerite dike; neither intersected the No.2 vein.

DDH HS10-008 intersected two possible vein zones, both characterized by coarse grained limonite stained quartz fragments in fault zones, between 80.63 and 82.17m and 97.54 to 99.02m, and a bleached, brecciated zone at the contact between the dolerite dike and underlying quartzite, from 59.13 to 59.64m.

DDH HS10-010 intersected three narrow possible vein zones, a 0.20 m wide zone of vuggy quartz vein rubble in faulted quartzite from 30.8m, a white friable vein quartz with limonitic clots within a fault zone in schistose quartzite between 82.8 and 84.42m, and a zone of banded vuggy quartz in massive quartzite between 185.93 and 187.57m.

No significant results were obtained.

**HS10-009, 011**

DDH HS10-009 and 011 targeted the depth extent of high-grade gold and silver samples collected in 2007 from the No.2a vein, exposed in Homestake Trench H-TR5. Both holes intersected a monotonous sequence of grey massive quartzite with numerous rubble and fault zones.

DDH HS10-009 intersected two possible vein zones, one at 32.38 to 36.86m, characterized by friable, vuggy oxidized vein quartz with up to 10% coarse grained galena clots, hosted within rubbly quartzite, and another at 94.66 to 95.63m, characterized by a broken, oxidized quartz vein within a rubbly quartzite zone. Hole HS10-011 intersected the same two possible vein zones, at 43.80 to 48.47m and at 87.84 to 90.06m.

DDH HS10-009 returned a best intersection of 4880.3 ppb Au and 359 g/t Ag (11.5 oz/t Ag) over 0.74m from 33.35m, likely from the No.2a vein, represented by friable faulted quartz-galena veins. Hole HS10-011 did not return significant results.

## 12.0 SAMPLING METHOD AND APPROACH

In 2008 a total of 102 rock samples, three moss mat and two soil samples were collected from the property during the Phase 1 program for geochemical analysis. Fifty-seven samples were collected from the original showings and surrounding area across the Keno-Lightning Project to confirm previous results and evaluate the potential of the showings. Forty-five samples were collected from the Phase 1 trenching program on the

Homestake property, discussed under the “Trenching” section of this report. An additional 105 rock samples were collected from the Phase 2 prospecting and trenching program, with 43 of the samples collected from trenches.

Rock samples from the original showings and surroundings primarily consisted of grab samples of mineralized veins and altered zones, due to exposure as subcrop and local float. Chip samples were collected where possible. It should be noted that there is extremely poor exposure on the property, particularly in the mineralized zones including in the old trenches. The samples were located and recorded by GPS in the field using UTM coordinates, Nad 83 datum, Zone 8 projection, placed in clear plastic sample bags, numbered and secured in the field. Trench samples primarily consisted of chip samples across veins and adjacent wallrock, and across other mineralized and/or altered zones. Sample descriptions, locations and select results (Au, Ag, As, Sb, Cu, Pb and Zn) are documented in Appendix II and locations are plotted on Figures 5 to 11 and 14. Some panel samples were collected from the trenches in the 2008 Phase 2 program as documented in Appendix II.

In the Phase 2, 2008 drill program, 115 samples were collected from diamond drill core and 37 samples from the RAB drill cuttings. Vein intersections and other mineralized and/or altered zones were sampled in the diamond drill core with sample intervals varying from 0.2 to 1.7m, the former interval due to the often narrow, high grade vein sections typical in the Keno mining camp.

Core recovery averaged 90%, and was good even within the mineralized sections and fault zones encountered, indicating that the grades intercepted in diamond drilling are closely representative of the actual grades encountered. One exception is the No.1 Vein intercept in DDH 08HS001, intersected at 54.3 to 56.4m, with only 69% recovery. This could result in lower values for the interval since soft sulphide mineralization is more readily lost.

In addition true widths within the main veins at the Homestake vary from 0.866 (08HS001, 003, 009-011) to 0.766 (08HS005, 007) to 0.707 (08HS002, 004, 004A) to 0.574 (08HS006, 008) of the intercepted width. The true widths of the Caribou Vein (tested by DDH 08CH004-006) are approximately 0.643 times the intercepted width and for the Alice Vein 0.985 the intercepted width in 08CH001 and 0.853 in 08CH002-3.

The 2009 soil samples were collected with a Swede pick from the B horizon at an average depth of 20 cm and sent to ACME Analytical Ltd. for 36 element ICP-MS and Au fire assay *(Blackburn, 2010)*.

During the 2010 drilling program *(Ettlinger, 2011)*, 280 samples were collected from diamond drill core. The core was sampled at natural lithological breaks, but at intervals generally ranging between 0.2m and 2.0m, except where poor recovery made narrower sample intervals impractical. Intervals greater than 1m that were interpreted in the field to be potentially mineralized were sampled at 1m intervals. Core recovery was generally good, averaging almost 90% at both prospect areas; however, faulted and rubbly zones often had much poorer recovery. At Homestake, all the mineralization intersected was hosted within friable rubbly veins within intervals that had recoveries between 45.5 and

65.2%. Soft heavy sulphide minerals may be preferentially removed during drilling; therefore all results returned from Homestake may under-report actual grades.

## 13.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY

### 13.1 2007 to 2009 Exploration Programs

The 2008 Phase 1 samples were collected by, or under the supervision of, the author, placed in clear plastic sample bags, numbered and secured in the field. Samples were personally delivered to the sample preparation laboratory of Eco Tech Laboratory (The Stewart Group) in Whitehorse for preparation and then internally sent directly to Kamloops, British Columbia for analysis. Laboratory sample preparation and analysis procedures are outlined in Appendix III. Eco Tech is an ISO 9001 accredited facility, registration number CDN 52172-07.

The samples were analyzed by Eco Tech Laboratory Ltd. (The Stewart Group), Kamloops, British Columbia for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V, Y and Zn using a 28 element ICP package which involves a nitric-aqua regia digestion. Gold was analyzed by fire assay with an atomic absorption finish. Due to high values, seventy-six assays were completed for gold, silver, lead, and/or zinc in 2007 and thirty in the 2008 Phase 1 program.

Quality control procedures were implemented at the laboratory, involving the regular insertion of blanks and standards and repeat analyses of at least 25% of the samples, with re-analyses being performed for one sample in each batch on the original sample prior to splitting (resplit).

In the 2008 Phase 2 diamond drill program all of the core was transported to, logged and select samples split in half, at the core shack located on the Homestake showing. Logging was completed by Mr. Jim M$^{c}$Faull and splitting was completed by personnel of Monster Mining Corporation. Samples were split in half using a mechanical core splitter, with assay splits tagged, placed in clear plastic, numbered sample bags, and secured, then placed in larger rice bags, which were sealed for shipment. The rice bags were transported to Whitehorse by company personnel and delivered to the sample preparation facility of Eco Tech Laboratory (The Stewart Group) in Whitehorse, prepared and internally sent directly to Eco Tech Laboratory (The Stewart Group) of Kamloops, British Columbia for analysis. Sample security was maintained by company personnel from the drill directly to the lab facility *(M$^{c}$Faull, 2009)*.

The remaining half of core is stored in well constructed core racks beside the core shack at the Homestake showing at 489731mE, 7086825mN, Nad 83, Zone 8 projection, with two boxes covering a significant intercept in 08HS-009 transported to the field office of Monster Mining Corp., Whitehorse, Yukon Territory.

Core sample assays were checked for quality assurance and quality control by the introduction of sample standards and blanks within the sample stream on a regular

basis, particularly after sampling a vein zone in order to detect contamination. A total of 21 standards and 21 blanks were inserted for a total of 42 quality control samples. Results from the standard and blanks were completely within acceptable limits. Re-assaying of selected mineralized pulps at a second independent laboratory were not performed but are recommended in future drill programs on the property. Standard quality control procedures involving duplicate analyses and the analysis of standards was completed by the laboratory, with no discrepancies noted.

In the RAB drilling "the sample dust is captured at surface by a device called the "umbrella" which is slipped over the top of the casing pipe to trap the sample dust ejecting from the hole and divert it into a steel sample pan sitting on the drill deck. The sample is recovered from the sample pan by a steel or plastic scoop and placed into a 6 mil clear plastic sample bag. Samples were taken every 5 feet (1.5m) or 2 samples for every 10 foot drill steel that is drilled into the ground. The bags are double bagged so that the sample tag can be placed in between the two bags, thus keeping the sample tag dry if the sample is wet.", *(McFaull, 2009)*. The sample bags were collected from the drill sites by company personnel using an ATV with a small trailer and brought to the Homestake core shack for analysis at the end of each shift.

The on site analysis of the RAB samples has been summarized from McFaull (2009). A small amount of material was removed from the sample bag and placed in a small plastic cup. This cup was then placed in a lead lined box and analysed by a Niton XL3 hand held x-ray florescent (XRF) analyser. This device gives instantaneous 33 element analysis with accuracy similar to that obtained by assay laboratories (works well for silver, lead and zinc, but not gold), with detection limits for most elements in the low parts per million range. It should be noted that the RAB drilling provides only qualitative data (mineralization is present or absent) as opposed to quantitative data in diamond drilling (grade over width). The sample results were saved to computer and samples stored in rice bags at the Homestake adit yard at 489810mE, 7086945mN, Nad 83, Zone 8 projection.

A total of 37 samples, 25 from Caribou Hill and 12 from Homestake, were submitted to the laboratory for all significant mineralization observed, for samples with anomalous XRF results, and as check assays to verify the XRF results (which indicated that the XRF results were within reasonable error). The samples were also duplicated for each individual sample bag, with one sample from the top of the bag and one from the bottom, showing reasonable reproducibility. Some variation is expected due to settling of heavier material during transportation *(McFaull, 2009)*.

All 115 core samples and the 37 RAB check samples were analyzed by Eco Tech Laboratory Ltd. (The Stewart Group), Kamloops, British Columbia for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V, Y and Zn using a 28 element ICP package which involves a nitric-aqua regia digestion. Gold was analyzed by fire assay with an atomic absorption finish. Assays were completed for gold, silver, lead, and/or zinc on all overlimit results.

The 2009 rock and soil samples were collected by Matthias Bindig, Lauren Blackburn Casey Adshead and Wynn Tupper and sent in to ACME Analytical Labs of Vancouver, British Columbia for 36 element geochemical ICP-MS analysis, using Acme's Group 1DX analysis procedure, and fire assay for gold. The ICP package which involves a

nitric-aqua regia digestion and mass spectrometry finish, includes analysis for Al, Sb, As, Ba, Bi, B, Cd, Ca, Cr, Co, Cu, Ga, Au, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, Ag, K, Sc, Sr, S, Tl, Th, Ti, Sn, W, U, V and Zn. Acme is an ISO 9001:2000 accredited facility, registration number FM 63007. Laboratory sample preparation and analysis procedures are outlined in Appendix III. Standard quality control procedures involving duplicate analyses and the analysis of standards was completed by the laboratory.

All sample preparation was conducted by the laboratory. Overall, sample preparation, security and analytical procedures were all acceptable. There is no evidence of any tampering with or contamination of the samples during collection, shipping, analytical preparation or analysis.

## 13.2 2010 Exploration Program

The following is from Ettlinger (2011).

“Diamond drill core was transported from the drill at the end of each shift to core logging and processing facilities located at each prospect. The core was logged, and select intervals split or sawn at the respective core shacks. Dr Art Ettlinger and Ms. Joanna Ettlinger logged the core, and supervised the sampling, which was conducted by Monster Mining Corp. contract personnel. Samples were either split using a hydraulic splitter or sawn using a diamond saw, placed with their sample tag into a labeled plastic bag, then sealed and placed into a labeled rice bag for shipment. Silver Basin samples were removed from site at the end of each day and stored in a locked shed at the crew house in Keno; Homestake samples were locked into the logging facilities at the end of each day. The rice bags were delivered by Core Expediting and Hotshot to Acme Analytical Laboratories, Whitehorse preparation facility, where they were crushed and pulped, then sent internally to Acme’s Vancouver analytical facility for analysis.

Sample security was maintained by Monster Mining Corp. and Core Expediting and Hotshot personnel from the drill to the preparation facility in Whitehorse, at which time sample security was assumed by Acme Analytical Laboratories Inc. The remaining core is stored in racks or on pallets at the Silver Basin (491050mE, 7091515mN, NAD 83, zone 8) and Homestake (489731mE, 7086825mN, NAD 83, zone 8) prospects.

Samples were submitted to the lab with standards, blanks and field duplicates to check for quality assurance and quality control at the laboratory. Quality control samples were inserted at regular intervals in every hole, and particularly after a vein zone to detect contamination. Sixteen blanks, 20 standards and 10 field duplicates were inserted for a total of 45 QAQC samples. Both the Whitehorse preparation facility and the Vancouver analytical facility are ISO9001:2008 registered (Certificate No. FM 63007).

All 312 samples were submitted to Acme Analytical Laboratories for analysis of Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Sr, Te, Th, Ti, Tl, V, W and Zn using an aqua-regia (1:1:1 HCl-HNO3-H2O) digest and ICP-MS (inductively coupled plasma mass spectroscopy) analysis, on a 15 g sample (analytical method 1DX2). Samples returning >500 ppb Au or >100 ppm Ag were re-analyzed by fire assay with an atomic absorption (AA) finish. Laboratory-inserted blanks (analytical and method), standards and duplicates (pulp and

preparation) verify internal quality assurance/quality control procedures. Sample preparation, security and analytical procedures were all acceptable and there is no evidence of any tampering with, or contamination of the samples during collection, shipping, analytical preparation or analysis."

A complete description of analytical methods is documented in Appendix III.

## 14.0 DATA VERIFICATION

Thirty-two samples were collected in 2007 from the original showings and surrounding area across the Keno-Lightning Project to confirm significant previous results, to verify the grade and tenor of mineralization on the property and to gain information with which to focus continued exploration. The samples were located and recorded by GPS in the field using UTM coordinates, Nad 83, Zone 8 projection. Sample descriptions, locations and select results (Au, Ag, As, Cu, Pb and Zn) are documented in Appendix II. As discussed under section 10.1, "Geochemistry", results confirmed the presence of significant silver-lead-zinc±gold mineralization on the property.

The current geochemical data was verified by sourcing original analytical certificates and digital data. Analytical data quality assurance and quality control was indicated by the favourable reproducibility obtained in laboratory standards, blanks and duplicates. The author has no reason to doubt the accuracy of the laboratory data. The quality control procedures discussed above under "Sampling Method and Approach" verified the results obtained. Quality control procedures are outlined under section 12.0, "Sample Preparation, Analysis And Security".

The property was last visited by the author on July 24 and 25, 2010 for a personal inspection and to provide a one day orientation to Dr. Art Ettlinger. The proposed 2010 drill sites were examined at this time. A new site visit has not been made following the 2010 drill program due to inaccessibility and obscurity due to snow cover, and is not deemed necessary due to the author's strong familiarity with the property, including sites drilled and the supervision of the program by competent professionals. The property is at an early exploration stage with only 4,012m of diamond drilling completed on three showings on a 6,650 hectare property with eight documented Minfile occurrences. The entire 2010 data was reviewed by the author, including drill logs, analytical results, QAQC, core recovery data, photos of core storage, drill time sheets, and GPS files documenting the drill site locations.

## 15.0 ADJACENT PROPERTIES

The Keno-Lightning Project is situated within the Keno Hill silver mining camp which hosts over 65 deposits and mineralized showings. Currently two exploration companies are actively exploring adjacent to the Keno-Lightning Project, Alexco Resource Corp. (Alexco) and the Hinton Syndicate. The author has not been able to independently verify the following information which is not necessarily indicative of the mineralization on the Keno-Lightning Project, the subject of this report.

In late 2007 Alexco announced the finalization of the acquisition of the assets of United Keno Hill Mines Limited, which included 759 quartz mineral claims and mining leases covering 35 past producing mines *(Alexco Resource Corp. December 6, 2007)*. In 2006 and 2007 Alexco completed extensive surface diamond drilling on the Bellekeno, Onek, and Husky Southwest deposits with minor drilling on six others, but had tested less than 5% of the productive terrain in the district *(Alexco Resource Corp. December 6, 2007)*.

Alexco announced commencement of commercial production as of January 1, 2011 at its 100% owned Bellekeno silver-lead-zinc mine and mill complex in the Keno Hill silver district *(Alexco news release, January 6th, 2011)*. The Bellekeno Mine contains an indicated mineral resource of 401,400 tonnes grading 921 g/t Ag, 9.4% Pb and 6.5% Zn, based on an NSR cut-off of US$185 per tonne, calculated on an in-situ (undiluted) basis with metallurgical recoveries applied *(Alexco news release, November 11, 2009)*.

An extensive exploration program, planned to include approximately 30,000m of diamond drilling, was completed by Alexco in 2010. At the Onek zinc-silver deposit, approximately 1.5 km northwest of the Bellekeno, high grade zinc-silver mineralization was confirmed at least 400m along strike, 220m down dip, and remains open to the southwest and down plunge including an interval grading 1,518.6 g/t Ag 1.00 g/t Au, 17.93% Pb and 3.15% Zn in DDH K10-265 *(Alexco news release, October 6, 2010)*. The Lucky Queen silver deposit was extended with results of 1,878 g/t Ag, 0.140 g/t Au, 0.3% Pb and 0.7% Zn over 1.12m from 231.55 to 232.67m and 1,756 g/t Ag, 0.079 g/t Au, 4.9% Pb and 3.3% Zn over 1.33m from 245.37 to 246.7m in DDH K10-278 *(Alexco news release, December 16th, 2010)*.

The 186 claim Mt. Hinton property of the Hinton Syndicate adjoins the southeastern boundary of the Keno-Lightning property, with the main showing approximately 2 km south. Over 50 vein showings occur over a 300m by 2 km long trend and 250m vertical extent, primarily consisting of early stage Keno Hill type vein mineralization with arsenic, antimony, commonly high grade gold and silver-lead-zinc values *(Yukon Gold Corp. Inc. news release, January, 2008)*.

Trenching at Mt. Hinton in 2007 extended the area of known mineralization, exposing several veins returning 1.36 g/t gold, 183 g/t silver and 2.1% Pb across 6m and 1.27 g/t gold, 116 g/t silver and 1.7% Pb across 3.1m *(Yukon Gold Corp. Inc., November, 2007)*. Previous results include an average grade of 42.5 g/t gold and 662 g/t silver over an average width of 1.04m for a total length of 183m from the 21 vein, based on channel samples at 0.61m intervals.

## 16.0 MINERAL PROCESSING AND METALLURGICAL TESTING

The Keno-Lightning Project is at an early exploration stage and no metallurgical testing has been carried out. However, showings on the property include Keno Hill type veins which have specific mineralogical characteristics. Ore from such veins can be processed by means utilized by United Keno Hill Mines during its operation. The following information regarding processing by United Keno Hill Mines was acquired from Mr. Jim M$^{c}$Faull who has 20 years experience in the Keno Hill mining camp and incorporates data from Watson (1984).

The mineralogy of the Keno Hill veins is a highly varied mix of sulphides and sulphosalts. The main ore minerals are argentiferous galena carrying 20 to 250 oz/ton Ag, argentiferous tetrahedrite (freibergite or grey copper) carrying 400 to >1,000 oz/ton Ag and sphalerite carrying 1.0 to >200 oz/ton Ag. The silver sulphosalts present include pyrargerite/proustite (ruby silver) and stephanite, which both carry 200-500 oz/ton Ag. Native wire silver is also present in quantity in some Keno Hill ore bodies and can carry assays in excess of 2,000 oz/ton Ag. There are numerous other silver bearing minerals in minor amounts which can carry very high silver values, which include argentite, acanthite and argento-plumbjarosite. Some of these minerals have assayed in excess of 22,000 oz/ton Ag in hand specimens at Keno Hill.

There is also an earlier stage of vein mineralization which has less silver, lead and zinc and more arsenic, antimony and gold. These zones are mainly arsenopyrite, jamesonite, boulangerite and bournonite with very occasional free gold as wires or small blebs.

The Keno Hill veins can carry as much as 30% ore minerals within the vein. Average ore shoots would be 200-300 feet in strike length, 5 to 50 feet in width and 200 to 1000 feet down dip. Total silver production in the camp exceeded 200 million ounces from 1914 to 1989.

Milling this ore was carried out by a nominal 500 ton per day mill *(Watson, 1984)*. In practical terms, production seldom exceeded 300 tons per day in the later years of the mine's life. The mill process was a standard primary jaw crusher-secondary ball mill grinding circuit reducing the raw ore to a minus 200 mesh feed for the flotation circuit. The flotation circuit produced a high grade silver/lead concentrate for shipping to smelter. Occasionally the mine also produced a separate zinc/silver concentrate when zinc prices were high enough to warrant it.

The mill head grade was 22.0 oz/ton Ag in the 1980's (down from 30-40 oz/ton Ag in previous decades) and was upgraded to 225-250 oz/ton Ag in the lead concentrate. This flotation concentrate was dried on vacuum filters to remove moisture before shipping and was then bagged in large canvas ore bags and trucked to the Cominco smelter at Trail, British Columbia.

On occasion a cyanide circuit was operated to treat the waste from the flotation circuit and a very high grade silver concentrate was produced. A small electric smelter was built in Elsa in the early 1980's and operated very briefly to produce a dore bullion silver ingot product, which assayed close to 999 fine silver.

Mill recoveries were generally in the high 90 percentile range for clean sulphide ore. However, when blended with highly oxidized and clay rich open pit ore, the recoveries were extremely variable and could drop below 50% with high loss of silver to the tailings.

The mineralogy and processing information listed above is not necessarily applicable to the mineralization on the Keno-Lightning Project which is the subject of this report.

## 17.0 RESOURCE AND MINERAL RESERVE ESTIMATES

There has not been sufficient drilling on the Keno-Lightning Project to undertake a resource calculation.

## 18.0 OTHER RELEVANT DATA AND INFORMATION

To the author's knowledge, there is no additional information or explanation necessary to make this technical report understandable and not misleading.

## 19.0 INTERPRETATION AND CONCLUSIONS

The Keno-Lightning Project constitutes a property of merit based on the presence of high grade silver-lead±zinc±gold mineralization at the showings across the property and the relatively untested exploration potential, especially given the lack of systematic and recent exploration programs on the showings. Previous exploration on the Keno-Lightning Project area was hampered by lack of exposure, thick overburden cover, variable but generally poor soil profiles, and more remote access compared to many of the showings in the Keno mining camp.

There is excellent potential that the Keno-Lightning Project hosts mineralization in one or more areas, similar to that on the adjacent Keno Hill Project of Alexco Resource Corp. There are eight documented Minfile occurrences within the Keno-Lightning Project, the Nabob, Silver Basin, Duncan, Caribou, Avenue, Faith, Bema and Homestake. The Nabob #2 vein on the Nabob is reported to assay 11,527 g/t Ag and 29.8% Pb over 35.6 cm and traced for 200m. At least five veins are previously reported on the Silver Basin with assays of 2057 g/t Ag and 13.7 g/t Au reported. In the 1920's 11.8 tons of ore grading 25,462 g/t Ag and 22% Pb was produced from the Duncan, 11.3 tons of ore from the Faith with assays up to 7,313 g/t Ag reported from the dump, and 78.9 tons of ore grading 6,103.9 g/t Ag and 70% Pb from the Caribou. More recent work on the Caribou returned 8,571.2 g/t Ag over 0.3m in 1986. A narrow argentiferous vein was traced for 1220m on the Avenue in the 1950's. At the Bema a quartz vein with minor disseminated arsenopyrite within a 5m stockwork zone is reported to assay 31.5 g/t Au. Work in the 1960's on the Homestake uncovered three veins, one of which returned maximum values of 102.9 g/t Au over narrow widths, with another reportedly assaying 1,131.4 g/t Ag, 2.2% Pb and 0.5% Zn over 7.6m.

Only two of the showings were tested by the 2008 diamond drill program, the Homestake and the Caribou. The six diamond drill holes on Caribou Hill were successful in intersecting the Caribou and Alice vein systems. The Caribou vein returned the best results with 116 g/t Ag, 121 ppb Au, 0.96% Pb and 0.18% Zn over 2.0m, including 958 g/t Ag, 780 ppb Au, 8.44% Pb and 1.22% Zn over 0.2m in DDH 08CH001, 162 g/t Ag, 375 ppb Au, 1.54% Pb and 0.10% Zn over 3.3m in DDH 08CH002 and 239 g/t Ag, 179 ppb Au, 10.9% Pb and 0.45% Zn over 2.6m in DDH 08CH005. Good potential exists within the favourable quartzite unit to the south and at depth.

The 2008 diamond drill and trenching program was successful in tracing the Homestake No.2a vein for 660m along strike, a maximum tested depth of 50m and was instrumental in the interpretation of the veins. There appears to be two Homestake No.2 veins intersected in the eastern Homestake trenches. Homestake No.2 is only exposed in the lower part of H-TR1 and may dip more steeply than in the surface exposure, which dips 70°SE. Homestake No.2a is exposed in H-TR08-3, H-TR5 and 6 and may dip steeply (85-90°NW). In this case the Homestake No.2a vein was also intersected in HS003, 004a, HS005, HS006, HS008 and HS009, and DDH HS003, 004a (HS004 was lost prior to the projected vein intersection), HS005, 007, 008 and 010 may not have been drilled deep enough to intersect the Homestake No.2 vein. DDH 08HS010 may not have been drilled even deep enough to intersect the Homestake No.2a vein.

The 2010 Homestake drill program followed up on results from the 2008 drill program, based on recommendations of the author *(Pautler, 2010)*. The 2010 program tested the No.2a vein to a vertical depth of 78m in holes HS10-001 and 006. Hole HS10-009 intersected the No.2a vein at a down-hole depth of 33.35m. Holes HS10-008 and 010, which targeted the No.2 and 2a veins, did not intersect any significant mineralization. These holes were also designed to target the No.2 vein, as were holes HS10-008, 010 and 011, however, only hole HS10-010 achieved its planned depths and none of the holes were drilled deep enough to intersect the No.2 vein. Holes HS10-002, 003, 004, 005 and 007, which targeted high-grade mineralization in vein No.2 outcropping in Trench H-TR1, did not intersect any significant mineralization.

The best drill intersections on the Homestake No.2a vein are in HS009 with 50.3 g/t Ag, 1.19 g/t Au, 1.87% Pb and 0.20% Zn over 4.5m, including 109 g/t Ag, 2.00 g/t Au, 4.1% Pb over 1.1m, in HS10-001 with 3387.6 ppb Au over 2.70m, and in HS10-006 with 4027 g/t Ag (129.5 oz/t) over 0.27m. The vein returned enhanced values of 54.2 g/t Ag, 45 ppb Au, 0.07% Pb and 0.06% Zn over 1.3m in DDH 08HS003, and 62.8 g/t Ag, 3.91 g/t Au, 2.67% Pb and possibly 0.76% Zn over 0.3m in DDH 08HS004A. True widths would have to be adjusted, based on the actual dip of the vein, which is still uncertain. The vein remains open to the northeast (where stream sediment samples collected in Phase 1, 2008 suggested continuity of the vein) and to the southwest.

The Homestake No.1 vein was intersected in 08HS001 and 002 down dip from significant intersections in H-TR4 (2,844 g/t Ag, 300 ppb Au, 25.9% Pb and 6.1% Zn across 4m) but poor recovery in HS001 and schistose wallrocks in HS002 resulted in no significant results. The adit tested this vein at a similar elevation as in HS002, approximately 40m along strike to the southwest, with no significant results due to schistose wallrocks. Quartzite appears to be more prevalent to the southwest and northeast along strike. HS011, primarily consisting of the favourable quartzite unit, targeted the vein 280m along strike to the northeast, but may have been collared too far to the west and missed the No.1 vein due to the moderate dip of the vein to the southeast. No additional holes (DDH or RAB) targeted the northeast strike extent of the No.1 vein and only RAB holes, which may have been located too far to the west, targeted the southwest strike extent.

The 2007 to 2008 trenching programs also traced the 0.35 to over 1.3m wide Homestake No.2 vein over a strike length of 45m in the lower part of Trench H-TR1 (with maximum results of 22.1 g/t Au, 332 g/t Ag, 13% Pb and 0.57% Zn over 0.35 cm)

and in float another 40m along strike to the southwest within the same trench. Excavation on the Shaft vein in 2008 outlined a 035º/70ºSE trending vein, which returned 3,168 g/t Ag, 4.67 g/t Au, 0.15% Pb, 2.56% Zn and 2.83% Cu with >10,000 ppm Sb over 0.9m. The Homestake B vein, a 110º/70ºS trending quartz vein with stibnite, arsenopyrite and lesser galena, 850m southeast of the Homestake shaft, returning 10.0 g/t Au, 74 g/t Ag, 1.98% Pb and 0.18% Zn across 3m in 2007, was traced for 65m along strike to the east in 2008, returning maximum values of 7.22 g/t Au, 102 g/t Ag, 1.69% Pb and 0.67% Zn near its eastern end.

The 2007 HLEM electromagnetic geophysical survey, using a 100m coil separation, was ineffective in picking up the Homestake veins. Tighter (50m) coil spacing may be more effective but it may be advisable to test VLF-electromagnetic geophysics over the known veins initially to determine its effectiveness since it is easier to employ in this terrain and more economic. If the above techniques are not useful a 3D induced polarization survey (SC3DIP) has been designed for the Keno district by Aurora Geosciences Ltd. and could be tested over sites of known mineralization and if successful utilized to trace the vein-faults.

In 2007 to 2008 evidence for five or possibly six, veins was found at the Silver Basin showing. A vein in Trench 6 near the adit, which may be either the No.1 vein or the Main vein, returned 8.10 g/t Au and 18.1 g/t Ag. The No.2 vein was found to contain 4.5 g/t Au, 2720 g/t Ag and 37.3% Pb in 2007 with a sample from the dump from a shaft on the No.2 vein returning 0.18 g/t Au, 1953 g/t Ag, 49.22% Pb in 2008. The No.3 vein was found to contain maximum values of 6.70 g/t Au, 832 g/t Ag, 7.2 % Pb, 0.98% Zn. Float from the No.4 vein contains 176 g/t Ag, 7.33 % Pb and 0.46% Zn. The No.5 vein returned only 29.5 g/t Ag, 0.70 % Pb and 0.20% Zn from highly oxidized float.

As noted by Boyle (1965), the environment at Silver Basin is favourable with significant vein intersections, a “schist cap” ore trap and evidence of significant grade. The longitudinal veins on the Silver Basin showing may be the northeast extension of the Shamrock/Gambler or Faro Gulch No.1 vein systems *(Boyle, 1965)*, both of which were well mineralized and have potential as ore bearing structures *(M$^{c}$Faull, 2007).*

Based on recommendations from the 2007 and 2008 exploration programs, the 2010 Silver Basin drill program targeted depth extensions of the No.1, 2, 3, 5 and Main veins. Seven holes drilled from two locations intersected a number of quartz vein zones, returning high manganese and arsenic but no significant gold or silver mineralization.

Dump material from the Duncan showing returned 0.93 g/t Au, 1520 g/t Ag, 38.0% Pb and 0.8% Zn, with 5.14 g/t Au found in a quartz vein 1 km to the northeast. Exploration here is hampered by high elevation, poor exposure and rugged terrain. Although the wall rocks primarily appear to be the Earn Group phyllites, which are generally not favourable host rocks for vein development, the high grade of the vein, the proximity to thick bedded quartzite, and position of the showing along the projection of the Porcupine-Kinman-Gold Hill No.2 Vein (which may continue through to the Alice Vein at the Caribou showing) and the Main Fault-Nabob-Ladue Fraction longitudinal vein faults are positive features. The main Duncan transverse vein, reportedly trending 035º/steep, may have similarities to the Caribou transverse vein, approximately 800m to the northeast, which has significant grades and has been traced over a 250m strike extent.

Good potential may exist at depth at the junction of the Duncan vein with the possible projection of the Alice vein, which would occur near the Duncan shaft area.

No significant values were obtained from the Avenue showing in 2007 probably due to high sloughing in the trenches and extensive weathering. The Avenue vein may be a transverse vein related to the Main Fault and Nabob longitudinal vein fault. In this case a favourable vein intersection may occur to the south of the main workings here.

The 170º/ E trending Faith vein above the Faith shaft returned 2.35 g/t Au, 2640 g/t Ag and 37.3% Pb and a sample from the shaft dump returned 0.69 g/t Au, 2160 g/t Ag and 13.4% Pb. The vein appears narrow but may widen with depth (typically the Keno Hill type veins widen from narrow limonitic fractures to ore shoots within short, 10-30m, distances) and may widen along strike where it may pass into the greenstone unit, a more favourable, competent host. The 290º trending cross-fault was not observed but a trench trends in this direction. The strike extent of the Divide vein may continue along Faith Gulch or be offset to the southeast along the Caribou Hill Fault. In either case the vein intersections and vein/fault intersections should be targeted.

Significant results were obtained from old workings in the headwaters of Faith Gulch. The veins appear to represent the strike extensions of the Helen, Divide veins (and/or Bema No.2) and the Bema No.3 vein. Results include 1.13 g/t Au, 4,713 g/t Ag, 34.1% Pb, 5.73% Zn from an old shaft, maximum values of 1.41 g/t Au and 452 g/t Ag from the Bema No.3 vein and 2.58 g/t Au, 510 g/t Ag and 3.5% Pb, 175m northwest of the Bema No.3 vein showing, the latter samples with arsenic and antimony values.

Exploration at the Bema showing located the Bema silver showing with results of 1.67 g/t Au, 2668 g/t Ag and 28.5% Pb from a 070º/60ºN trending vein. The Bema gold showing with approximate co-ordinates of 7087303mN, 494790mE, Nad 83, Zone 8 projection could not be located but quartz float with arsenopyrite returned 9.5 g/t Au, 18.2 g/t Ag. A gold result of 1.16 g/t Au was obtained from the Bema trench, 125m downslope to the north. The results show strong gold and silver values and a strong vein zone. Additional prospecting and trenching above the Bema trench in the original showing area and along strike is warranted.

In conclusion the 2008 diamond drill program on the Keno-Lightning Project was successful in tracing the Homestake No.2a vein for 660m along strike (remaining open along strike), a maximum tested depth of 50m, and was instrumental in the interpretation of the veins, indicating two veins at Homestake 2, the No. 2 and No.2a veins. Consequently, the 2008 holes were generally not deep enough to intersect the No. 2 vein. The Homestake No.2 vein has been traced over a strike length of 45m (85m in float) in the lower part of H-TR1, with maximum results of 22.1 g/t Au, 332 g/t Ag, 13% Pb and 0.57% Zn over 0.35m. The best drill intersection on the Homestake No.2a vein is 50.3 g/t Ag, 1.19 g/t Au, 1.87% Pb and 0.20% Zn over 4.5m, including 109 g/t Ag, 2.00 g/t Au, 4.1% Pb over 1.1m in DDH HS009.

The Homestake No.1 vein was intersected in DDH 08HS001 and 002 down dip from a significant intersection in H-TR4 (2,844 g/t Ag, 300 ppb Au, 25.9% Pb and 6.1% Zn across 4m) but core loss and schistose wallrocks resulted in poor results. Potential exists along strike to the northeast and southwest in areas of favourable quartzite

wallrock. The drill program was also successful in intersecting the Caribou vein with significant results including 239 g/t Ag, 179 ppb Au, 10.9% Pb and 0.45% Zn over 2.6m in DDH 08CH005. Good potential exists within the favourable quartzite unit to the south and at depth.

Most of the 2010 drill holes failed to reach their planned target depths due to bad ground conditions resulting in inadequate testing of much of the Homestake prospect, in particular the No.2 and 2a veins. It is recommended that future drill programs utilize heavier, more powerful drills and HQ diameter drill steel (not thin wall) to improve recovery and attain planned target depths. The No.1 vein was inadequately tested in 2008.

Additional untested potential exists at the at the junction of the Duncan vein with the possible projection of the Alice vein, which would occur near the Duncan shaft area; the headwaters of Faith Gulch in an area of 2009 soil anomalies and initial anomalous prospecting samples on trend of the Helen and Divide veins (and/or Bema No.2) and the Bema No.3 vein; the southern extent of the reportedly persistent Avenue vein at the projected junction with the Main Fault and Nabob longitudinal vein fault; and at the Bema silver and gold showings with similar precious metal potential to the Mt. Hinton veins.

Prospecting targets include the possible extension of the Porcupine vein, the most productive of all the longitudinal type veins in the Keno Hill District through the Gold Hill No.2 prospect on the Murray 11 claim into the Duncan area and to the northeast; and along a northeast trending lineament (possibly indicative of the actual trend) of the Homestake B vein on Bunker Hill.

## 20.0 RECOMMENDATIONS AND BUDGET

Based on the high grade precious and base metal mineralization on the Keno-Lightning Project, an extensive exploration program is proposed to trace the known veins along strike and down dip, and to explore for additional veins.

Diamond drilling on the property should utilize HQ wireline equipment to facilitate high core recovery.

### 20.1 Proposed Phase 1 Exploration

An airborne versatile time-domain electromagnetic (VTEM) geophysical survey was flown over the property by Alexco in conjunction with their work on their Keno Hill Project. Continued attempts should be made to acquire the data but if not available a survey is recommended over the Keno-Lightning Project in an attempt to trace the known vein structures and outline zones of chargeability (possibly denoting sulphide mineralization) along them. An airborne DIGHEM geophysical survey was carried out by United Keno Hill Mines Ltd. within the Keno Hill mining camp and found to be useful in tracing mineralized veins *(Jim M$^{c}$Faull, personal communication)*. In addition radiometrics is recommended to delineate Tombstone intrusions to target the

associated Tombstone-age gold mineralization, which pre-dates Keno-type silver mineralization.

The Caribou vein is the most continuously exposed high sulphide vein encountered on surface with a strike length of 250m. VLF, HLEM electromagnetic, using a 50m coil separation, and/or 3D induced polarization survey (SC3DIP) geophysics (listed from least to most expensive) should be tested here to determine their effectiveness. If successful, the appropriate survey should be employed to trace mineralized veins on the Silver Basin, Homestake, and other vein showings across the property.

A number of favourable ore traps, including vein junctions and "schist caps" occur across the property and although drill targets exist on many of these other showings, geophysics and excavator trenching would be useful to more definitively delineate the veins to target the vein intersections and contact area with the overlying schists prior to drilling.

The Caribou vein zone should be traced along strike to the south and at depth. An attempt should be made to trace the Duncan vein by excavator trenching along strike to the south towards the projected intersection with the Caribou Hill Fault. Excavator trenching is also necessary at the Avenue showing to expose the original vein which was reportedly traced for 1220m. Additional trenching above the Bema trench is recommended to expose the vein-stockwork zone that carried 31.5 g/t Au and attempt to trace it along strike.

Prospecting is recommended along the possible extension of the Porcupine vein, historically the most productive of all the longitudinal type veins in the Keno Hill District through the Gold Hill No.2 prospect on the Murray 11 claim into the Duncan area and to the northeast; in the headwaters of Faith Gulch in the area of 2009 soil anomalies and initial anomalous prospecting samples on trend of the Helen and Divide veins (and/or Bema No.2) and the Bema No.3 vein; and along trend of the Homestake B vein on Bunker Hill.

An estimated budget of $1,555,950 is recommended for prospecting, airborne and surface geophysics, trenching and diamond drilling of other prospects outside of the main Homestake and Silver Basin areas as detailed below.

**Phase 1 Budget Property-wide Geophysics, Trenching and Drilling**

| | | **$CDN** |
|---|---|---|
| • airborne geophysical surveys (VTEM, Mag, Radiometrics) | | 250,000 |
| • ground geophysics follow-up to airborne survey | | 75,000 |
| • excavator trenching (200 hours @ 200/hr) | | 40,000 |
| • diamond drilling (4,500m @ $200/m all in) | | 900,000 |
| • wages (geologists, supervision) | | 100,000 |
| • accommodation/camp/meals | | 15,000 |
| • field supplies, communication | | 7,500 |
| • geochemistry (600 rocks @ $30/ea, freight) | | 12,000 |
| • preparation, report and drafting | | 15,000 |
| | **Subtotal:** | 1,414,500 |
| • contingency (10%) | | 141,450 |
| | **TOTAL:** | **1,555,950** |

## 20.2 Proposed Phase 2 Exploration

A Phase 2 diamond drill program with an estimated budget of $1,925,000 is recommended to follow up results from the Phase 1 program above, and previous significant drill and trench intersections on the Homestake. Phase 2 is contingent on positive results from Phase 1.

**Phase 2 Budget Diamond Drilling**

| | **$CDN** |
|---|---|
| • diamond drilling (7,500 m @ $200/m all in), | 1,500,000 |
| • drilling support (geology, supervisory, lodging & meals, field supplies, assaying, reporting) | 250,000 |
| **Subtotal:** | 1,750,000 |
| • contingency (10%) | 175,000 |
| **TOTAL:** | **1,925,000** |

Respectfully submitted,

"Jean Pautler"

Jean Pautler, P.Geo.

March 29, 2011

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## 22.0 CERTIFICATE, DATE AND SIGNATURE

1) I, Jean Marie Pautler of 103-108 Elliott Street, Whitehorse, Yukon Territory am self-employed as a consultant geologist, authored and am responsible for all sections of this report entitled "Technical report on the Keno-Lightning Project", dated July 31, 2010 and amended March 29, 2011.

2) I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980) with 30 years mineral exploration experience in the North American Cordillera. Pertinent experience includes previous work in the Keno District on the privately owned B property on the north flank of Keno Hill and 20 mining leases on Keno and Galena Hills for Southern Rio Resources Limited, and evaluation of the Tinta Hill deposit of Northern Freegold Resources Limited, an intrusion hosted polymetallic vein deposit.

3) I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia, registration number 19804.

4) I have visited the subject mining property of this report and am a "Qualified Person" in the context of and have read and understand National Instrument 43-101 and the Companion Policy to NI 43-101. This report was prepared in compliance with NI 43-101.

5) This report is based upon site visits to the property between September 14 and 18, 2007, October 1 to 14, 2007, June 27 to 30, 2008, July 22 to 24, 2008, and June 1 and July 24 to 25, 2010, the author's personal knowledge of the region, consultation with Mr. Jim M$^{c}$Faull, who has over 20 years of experience working in the Keno Hill mining camp, and a review of pertinent data.

6) As stated in this report, in my professional opinion the property is of potential merit and further exploration work is justified.

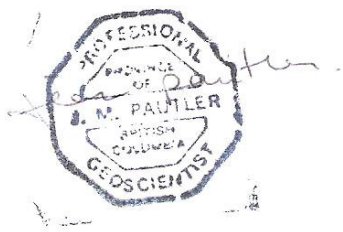
7) To the best of my knowledge this report contains all scientific and technical information required to be disclosed so as not to be misleading.

8) I am entirely independent of Monster Mining Corp. and any associated companies. I do not have any agreement, arrangement or understanding with Monster Mining Corp. and any affiliated company to be or become an insider, associate or employee. I do not own securities in Monster Mining Corp. or any affiliated companies and my professional relationship is at arm's length as an independent consultant, and I have no expectation that the relationship will change.

Dated at Carcross, Yukon Territory this 31st day of July, 2010, and amended March 29, 2011.
"Signed and Sealed"

"Jean Pautler"

Jean Pautler, P.Geo. (APEGBC Reg. No. 19804)
JP Exploration Services Inc.
#103-108 Elliott St.
Whitehorse, Yukon Y1A 6C4



## 23.0 APPENDIX I: Statement of Claims

| Grant Number | Claim Name | Claim No. | Claim Owner | Record Date | Expiry Date |
|---|---|---|---|---|---|
| YC38987 | Homestake | 1 | Mathias Bindig - 100%. | 2/14/2005 | 12/1/2017 |
| YC38988 | Homestake | 2 | Mathias Bindig - 100%. | 2/14/2005 | 12/1/2017 |
| YC38989 | Homestake | 3 | Mathias Bindig - 100%. | 2/14/2005 | 12/1/2017 |
| YC38990 | Homestake | 4 | Mathias Bindig - 100%. | 2/14/2005 | 12/1/2017 |
| YC38991 | Homestake | 5 | Mathias Bindig - 100%. | 2/14/2005 | 12/1/2017 |
| YC39474 | Homestake | 6 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39475 | Homestake | 7 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39476 | Homestake | 8 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
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| YC39482 | Homestake | 14 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39483 | Homestake | 15 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39484 | Homestake | 16 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39485 | Homestake | 17 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39486 | Homestake | 18 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39487 | Homestake | 19 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39488 | Homestake | 20 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39489 | Homestake | 21 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39490 | Homestake | 22 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39491 | Homestake | 23 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39492 | Homestake | 24 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39493 | Homestake | 25 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39494 | Homestake | 26 | Mathias Bindig - 100%. | 6/3/2005 | 12/1/2020 |
| YC39564 | Homestake | 27 | Mathias Bindig - 100%. | 7/19/2005 | 12/1/2020 |
| YC39565 | Homestake | 28 | Mathias Bindig - 100%. | 7/19/2005 | 12/1/2020 |
| YC39566 | Homestake | 29 | Mathias Bindig - 100%. | 7/19/2005 | 12/1/2020 |
| YC39567 | Homestake | 30 | Mathias Bindig - 100%. | 7/19/2005 | 12/1/2020 |
| YC39568 | Homestake | 31 | Mathias Bindig - 100%. | 7/19/2005 | 12/1/2020 |
| YC39569 | Homestake | 32 | Mathias Bindig - 100%. | 7/19/2005 | 12/1/2020 |
| YC39890 | Homestake | 33 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
| YC39891 | Homestake | 34 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
| YC39892 | Homestake | 35 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
| YC39893 | Homestake | 36 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
| YC57031 | Homestake | 37 | Mathias Bindig - 100%. | 8/2/2007 | 12/1/2020 |
| YC57032 | Homestake | 38 | Mathias Bindig - 100%. | 8/2/2007 | 12/1/2020 |
| YC57033 | Homestake | 39 | Mathias Bindig - 100%. | 8/2/2007 | 12/1/2020 |
| YC57462 | Homestake | 37 | Mathias Bindig - 100%. | 9/24/2007 | 12/1/2020 |
| YC57463 | Homestake | 38 | Mathias Bindig - 100%. | 9/24/2007 | 12/1/2020 |
| YC57464 | Homestake | 39 | Mathias Bindig - 100%. | 9/24/2007 | 12/1/2020 |
| YC68018 | Homestake Frc | 40 | Matthias Bindig - 100%. | 5/8/2008 | 12/1/2017 |
| YD34912 | HS | 1 | Matthias Bindig - 100% | 20/08/2010 | 20/08/2011 |
| YD34913 | HS | 2 | Matthias Bindig - 100% | 20/08/2010 | 20/08/2011 |
| YD34914 | HS | 3 | Matthias Bindig - 100% | 20/08/2010 | 20/08/2011 |
| YD34915 | HS | 4 | Matthias Bindig - 100% | 20/08/2010 | 20/08/2011 |
| YD34916 | HS | 5 | Matthias Bindig - 100% | 20/08/2010 | 20/08/2011 |
| **Subtotal** | **Homestake** | **48** | **NTS: 105M14** | | |

| Grant Number | Claim Name | Claim No. | Claim Owner | Record Date | Expiry Date |
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| YC38992 | Maja | 1 | Mathias Bindig - 100%. | 3/10/2005 | 12/1/2017 |
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| YC38994 | Maja | 3 | Mathias Bindig - 100%. | 3/10/2005 | 12/1/2017 |
| YC38995 | Maja | 4 | Mathias Bindig - 100%. | 3/10/2005 | 12/1/2017 |
| YC38996 | Maja | 5 | Mathias Bindig - 100%. | 3/10/2005 | 12/1/2017 |
| YC38997 | Maja | 6 | Mathias Bindig - 100%. | 3/10/2005 | 12/1/2017 |
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| YC38999 | Maja | 8 | Mathias Bindig - 100%. | 3/10/2005 | 12/1/2017 |
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| YC39005 | Maja | 10 | Mathias Bindig - 100%. | 3/17/2005 | 12/1/2017 |
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| YC39008 | Maja | 13 | Mathias Bindig - 100%. | 3/17/2005 | 12/1/2020 |
| YC39543 | Maja | 14 | Mathias Bindig - 100%. | 3/17/2005 | 12/1/2020 |
| YC39878 | Maja | 15 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
| YC39879 | Maja | 16 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
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| YC39883 | Maja | 20 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
| YC39884 | Maja | 21 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
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| YC57475 | Maja | 35 | Mathias Bindig - 100%. | 9/24/2007 | 12/1/2017 |
| YC57476 | Maja | 36 | Mathias Bindig - 100%. | 9/24/2007 | 12/1/2017 |
| **Subtotal** | **Maja** | **36** | **NTS: 105M14** | | |
| YC39000 | Murray | 1 | Mathias Bindig - 100%. | 3/10/2005 | 12/1/2015 |
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| YC39003 | Murray | 4 | Mathias Bindig - 100%. | 3/10/2005 | 12/1/2019 |
| YC39963 | Murray | 5 | Mathias Bindig - 100%. | 10/13/2005 | 12/1/2017 |
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| YC39965 | Murray | 7 | Mathias Bindig - 100%. | 10/13/2005 | 12/1/2017 |
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| YC39968 | Murray | 10 | Mathias Bindig - 100%. | 10/13/2005 | 12/1/2017 |
| YC39969 | Murray | 11 | Mathias Bindig - 100%. | 10/13/2005 | 10/13/2010 |
| YC56160 | Murray | 12 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56161 | Murray | 13 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56162 | Murray | 14 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56163 | Murray | 15 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56164 | Murray | 16 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2016 |
| YC56165 | Murray | 17 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2016 |
| **Subtotal** | **Murray** | **17** | **NTS: 105M14** | | |

| Grant Number | Claim Name | Claim No. | Claim Owner | Record Date | Expiry Date |
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| YC39012 | Ski | 4 | Mathias Bindig - 100%. | 3/17/2005 | 12/1/2017 |
| YC39013 | Ski | 5 | Mathias Bindig - 100%. | 3/17/2005 | 12/1/2017 |
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| YC39031 | Ski | 23 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39032 | Ski | 24 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39033 | Ski | 25 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39034 | Ski | 26 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39035 | Ski | 27 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
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| YC39040 | Ski | 32 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39041 | Ski | 33 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39042 | Ski | 34 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39043 | Ski | 35 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39044 | Ski | 36 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39045 | Ski | 37 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39046 | Ski | 38 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39047 | Ski | 39 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39048 | Ski | 40 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39049 | Ski | 41 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39050 | Ski | 42 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39451 | Ski | 43 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39452 | Ski | 44 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39453 | Ski | 45 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39454 | Ski | 46 | Mathias Bindig - 100%. | 3/31/2005 | 12/1/2020 |
| YC39888 | Ski | 47 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
| YC39889 | Ski | 48 | Mathias Bindig - 100%. | 9/27/2005 | 12/1/2020 |
| YC56166 | Ski | 49 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56167 | Ski | 50 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56168 | Ski | 51 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56169 | Ski | 52 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56170 | Ski | 53 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56171 | Ski | 54 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56172 | Ski | 55 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56173 | Ski | 56 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56174 | Ski | 57 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC56175 | Ski | 58 | Mathias Bindig - 100%. | 6/13/2007 | 12/1/2018 |
| YC67504 | Ski | 59 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67505 | Ski | 60 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |

| Grant Number | Claim Name | Claim No. | Claim Owner | Record Date | Expiry Date |
|---|---|---|---|---|---|
| YC67506 | Ski | 61 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67507 | Ski | 62 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67508 | Ski | 63 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67509 | Ski | 64 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67510 | Ski | 65 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67511 | Ski | 66 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67512 | Ski | 67 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67513 | Ski | 68 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67514 | Ski | 69 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67515 | Ski | 70 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67516 | Ski | 71 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67517 | Ski | 72 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67518 | Ski | 73 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67519 | Ski | 74 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67520 | Ski | 75 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67521 | Ski | 76 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67522 | Ski | 77 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67523 | Ski | 78 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67524 | Ski | 79 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67525 | Ski | 80 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67526 | Ski | 81 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67527 | Ski | 82 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67528 | Ski | 83 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67529 | Ski | 84 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67530 | Ski | 85 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67531 | Ski | 86 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67532 | Ski | 87 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67533 | Ski | 88 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67534 | Ski | 89 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC67535 | Ski | 90 | Matthias Bindig - 100%. | 4/4/2008 | 12/1/2017 |
| YC68194 | Ski | 91 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68195 | Ski | 92 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68196 | Ski | 93 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68197 | Ski | 94 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68198 | Ski | 95 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68199 | Ski | 96 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68200 | Ski | 97 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68201 | Ski | 98 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68202 | Ski | 99 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68203 | Ski | 100 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68204 | Ski | 101 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68205 | Ski | 102 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68206 | Ski | 103 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68207 | Ski | 104 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68208 | Ski | 105 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68209 | Ski | 106 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68210 | Ski | 107 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68211 | Ski | 108 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |

| Grant Number | Claim Name | Claim No. | Claim Owner | Record Date | Expiry Date |
|---|---|---|---|---|---|
| YC68212 | Ski | 109 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68213 | Ski | 110 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68214 | Ski | 111 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68215 | Ski | 112 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68216 | Ski | 113 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68217 | Ski | 114 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68218 | Ski | 115 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68219 | Ski | 116 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68220 | Ski | 117 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68221 | Ski | 118 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68222 | Ski | 119 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68223 | Ski | 120 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68224 | Ski | 121 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68225 | Ski | 122 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68226 | Ski | 123 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68227 | Ski | 124 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68228 | Ski | 125 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68229 | Ski | 126 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68230 | Ski | 127 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68231 | Ski | 128 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68232 | Ski | 129 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68233 | Ski | 130 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68234 | Ski | 131 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68235 | Ski | 132 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68236 | Ski | 133 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68237 | Ski | 134 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68238 | Ski | 135 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68239 | Ski | 136 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68240 | Ski | 137 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68241 | Ski | 138 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68242 | Ski | 139 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68243 | Ski | 140 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68244 | Ski | 141 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68245 | Ski | 142 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68246 | Ski | 143 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68247 | Ski | 144 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68248 | Ski | 145 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68249 | Ski | 146 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68250 | Ski | 147 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68251 | Ski | 148 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68252 | Ski | 149 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68253 | Ski | 150 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68254 | Ski | 151 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68255 | Ski | 152 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68256 | Ski | 153 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68257 | Ski | 154 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68258 | Ski | 155 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68259 | Ski | 156 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |

| Grant Number | Claim Name | Claim No. | Claim Owner | Record Date | Expiry Date |
|---|---|---|---|---|---|
| YC68260 | Ski | 157 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68261 | Ski | 158 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68262 | Ski | 159 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68263 | Ski | 160 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68264 | Ski | 161 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68265 | Ski | 162 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68266 | Ski | 163 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68267 | Ski | 164 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68268 | Ski | 165 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68269 | Ski | 166 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68270 | Ski | 167 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68271 | Ski | 168 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68272 | Ski | 169 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68273 | Ski | 170 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68274 | Ski | 171 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68275 | Ski | 172 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68276 | Ski | 173 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68277 | Ski | 174 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68278 | Ski | 175 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68279 | Ski | 176 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68280 | Ski | 177 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68281 | Ski | 178 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68282 | Ski | 179 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68283 | Ski | 180 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68284 | Ski | 181 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68285 | Ski | 182 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68286 | Ski | 183 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68287 | Ski | 184 | Matthias Bindig - 100%. | 6/18/2008 | 12/1/2017 |
| YC68328 | Ski | 185 | Matthias Bindig - 100%. | 6/30/2008 | 12/1/2017 |
| YC68329 | Ski | 186 | Matthias Bindig - 100%. | 6/30/2008 | 12/1/2017 |
| YC68330 | Ski | 187 | Matthias Bindig - 100%. | 6/30/2008 | 12/1/2017 |
| YC68331 | Ski | 188 | Matthias Bindig - 100%. | 6/30/2008 | 12/1/2017 |
| YC68332 | Ski | 189 | Matthias Bindig - 100%. | 6/30/2008 | 12/1/2017 |
| YC68333 | Ski | 190 | Matthias Bindig - 100%. | 6/30/2008 | 12/1/2017 |
| **Subtotal** | **Ski** | **190** | **NTS: 105M14** | | |

| Grant Number | Claim Name | Claim No. | Claim Owner | Record Date | Expiry Date | Map Number |
|---|---|---|---|---|---|---|
| YD11271 | AHO | 21 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11272 | AHO | 22 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11273 | AHO | 23 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11274 | AHO | 24 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11275 | AHO | 25 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11276 | AHO | 26 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11277 | AHO | 27 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11278 | AHO | 28 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11279 | AHO | 29 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11280 | AHO | 30 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11289 | AHO | 31 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11290 | AHO | 32 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11291 | AHO | 33 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11292 | AHO | 34 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11293 | AHO | 35 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11294 | AHO | 36 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD11295 | AHO | 37 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11296 | AHO | 38 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11297 | AHO | 39 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11298 | AHO | 40 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11299 | AHO | 41 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11300 | AHO | 42 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD22789 | AHO | 43 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD22790 | AHO | 44 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD22791 | AHO | 45 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD22792 | AHO | 46 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD22793 | AHO | 47 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD22794 | AHO | 48 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M14 |
| YD22795 | AHO | 49 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD22796 | AHO | 50 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD22797 | AHO | 51 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD22798 | AHO | 52 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD22799 | AHO | 53 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD22800 | AHO | 54 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11281 | AHO | 55 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| YD11282 | AHO | 56 | Monster Mining Corp. - 100%. | 13/11/2009 | 13/11/2015 | 105M15 |
| **Subtotal** | **AHO** | **36** | **NTS: 105M14, 15** | | | |
| YC00365 | Blanche | | BW - 25%, MB - 25%, RM - 50%* | 09/01/1998 | 9/1/2015 | 105M14 |
| YC69939 | Blanche Fr | | Matthias Bindig - 100%. | 02/09/2008 | 2/9/2014 | 105M14 |
| **Subtotal** | **Blanche** | **2** | **NTS: 105M14, 15** | | | |
| **TOTAL** | **329 claims** | | **NTS: 105M14, 15** | | | |

* denotes Brent Walden - 25%, Matthias Bindig - 25%, Robert Moriarty - 50%.

# APPENDIX II:

## Sample Descriptions and Select Results

## 2008-2009 SAMPLES — KENO-LIGHTNING PROJECT, YT

2009 samples in bold

## MT. MCFAULL ROCK SAMPLE DESCRIPTIONS AND RESULTS

Au in red in g/t

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | TYPE | GEOLOGY | Au ppb | Ag ppm | Pb ppm | Zn ppm | As ppm | Sb ppm | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **56856** | McKim Gulch | 499384 | 7085395 | grab | Quartz fracture/stringer zone, striking 000, dipping near 90. Tourmaline and quartz crystals in altered ultramafics (?) / greenstone. Lots of muscovite. | <0.01 | 0.2 | 54 | 217 | 4.1 | 0.1 | 31.8 |
| **56857** | Allen Gulch | 497936 | 7085884 | grab | Altered quartzite with pyrite, arsenopyrite and pyrrhotite. | <0.01 | 0.2 | 35.5 | 56 | 5.6 | 0.2 | 4.6 |
| **56858** | Allen Gulch | 498189 | 7085593 | grab | "Greenstone" with quartz stringers. Contact between schist and "greenstone". Chalcopyrite, pyrite and red-blue iridescence. | <0.01 | 0.3 | 43.4 | 53 | 7 | 0.2 | 149.0 |
| **56859** | Allen Gulch | 498136 | 7085403 | grab | "Greenstone" with light grey layer of quartz. Pyrite + pyrrhotite +/- arsenopyrite in stringers proximal to quartz layer. | <0.01 | 0.1 | 23.2 | 174 | 6.2 | 0.6 | 96.6 |
| **56860** | Allen Gulch | 498012 | 7085339 | grab | Altered, stained "greenstone" with disseminated pyrite. | <0.01 | 0.3 | 20 | 270 | 0.9 | 0.6 | 178.8 |
| **56861** | Allen Gulch | 497930 | 7085266 | grab | Float from below large "greenstone" outcrop-- fine-grained 'ultramafic' (?) with some quartz sweats. Fine-grained dissemintated pyrite and pyrrhotite. | <0.01 | 0.2 | 4.9 | 123 | 26.8 | 0.1 | 216.4 |
| **56862** | Allen Gulch | 497928 | 7085265 | grab | Float from below large "greenstone" outcrop-- coarse-grained 'ultramafic' (?) with some quartz sweats rimmed by pyrite and pyrrhotite (<1% sulphides overall). Rock appears cooked-up. | <0.01 | 0.1 | 5.5 | 130 | 13.7 | 0.3 | 198.9 |
| **56863** | Allen Gulch | 497382 | 7085090 | grab | Float below cirque wall of "greenstone" (ultramafic?) with quartz, calcite, tourmaline and chalcopyrite (<1%). | <0.01 | 0.2 | 5.4 | 189 | 14.3 | 0.8 | 291.3 |
| **56864** | Allen Gulch | 497171 | 7085498 | grab | Highly altered (weathered) layer within quartzite; various stages of alteration, grey-brown, very soft +/- <1% pyrite. | <0.01 | <0.1 | 3.6 | 5 | 1.1 | <0.1 | 2.0 |
| **56865** | Allen Gulch | 497021 | 7085159 | grab | "Greenstone" that is coarse-grained, visible feldspar and high-modal % of quartz. <1% pyrite +/- pyrrhotite and chalcopyrite. | <0.01 | 0.2 | 6.7 | 160 | 1.8 | 0.2 | 277.2 |
| **56866** | Allen Gulch | 497052 | 7085069 | grab | "Greenstone" with arsenopyrite, pyrrhotite and chalcopyrite in silicified zone. Quartz veins trending 340 to 360 and dip near vertical. <3-4% sulphides. | 0.07 | 0.4 | 9.4 | 160 | <0.5 | 0.2 | 680.4 |
| **56867** | Allen Gulch | 497090 | 7085072 | grab | "Greenstone" that is coarse-grained, no visible sulphides, very green colour. | <0.01 | <0.1 | 3.1 | 61 | 10 | 0.3 | 136 |
| 54532 | Mt. McFaull | 496748 | 7085706 | grab | Foliated, nearly cryptocrystalline (v-fg), dark green to black ultramafic with very fine-grained pyrite, pseudo-outcrop (up-heaved ridge top), trachytic texture with rusty orange fractures.R[11]C | 10 | 0.3 | 90 | 141 | 5 | 15 | 317 |
| 54533 | Mt. McFaull | 496754 | 7085715 | grab | Ultramafic, with late, penetrative silicifcation that is slightly inconsistent throughout. Nice pyrite found as v-fg disseminations and tiny clots. | 5 | 0.5 | 48 | 66 | 35 | <5 | 114 |
| 54534 | Mt. McFaull | 496772 | 7085791 | grab | On a fault trending 118° at a ridge top. Took a sample with disseminated fine-grained to very fine grained pyrite. | 10 | 0.3 | 54 | 96 | 30 | 15 | 413 |
| 54535 | Mt. McFaull | 496826 | 7086769 | grab | Saddle on ridge-top (fault zone), quartz vein with rusty orange fracture planes, no penetrative planar fabric, milky quartz. | <5 | 0.2 | 18 | 11 | 15 | <5 | 12 |
| 54536 | Mt. McFaull | 496811 | 7086816 | grab | Milky white quartz vein with rusty frature planes and limonite staining. | <5 | <0.2 | 6 | 13 | 25 | <5 | 5 |
| 54537 | Mt. McFaull | 496811 | 7086816 | grab | Nicely foliated meta-sed/volcanic sample with rusty orange disseminated clots (pyrite?), intensly silicified. | <5 | <0.2 | 44 | 127 | 30 | <5 | 16 |
| 54538 | Mt. McFaull | 496821 | 7086842 | grab | Metased/volcanics, weakly to moderatly foliated with disseminated pyrite. | 5 | 0.3 | 56 | 91 | 30 | 10 | 78 |
| 54539 | Mt. McFaull | 496815 | 7086867 | grab | Metased/volcanics, nicely foliated, late silicification, local talc alteration, disseminated clots of pyrite and unknown silver-coloured mineral. | <5 | <0.2 | 40 | 65 | 30 | 10 | 64 |
| 54540 | Mt. McFaull | 496657 | 7085376 | grab | Quartzite with cubic pyrite along bedding. | 5 | <0.2 | 14 | 39 | 25 | <5 | 16 |
| 54541 | Mt. McFaull | 496710 | 7085481 | grab | Quartzite with local rotten brecciated layer which has cubic vugs (<0.5cm) | 15 | <0.2 | 12 | 7 | 25 | <5 | 7 |
| 54542 | Mt. McFaull | 496749 | 7085596 | grab | Altered diorite/gabbro with siliceous clots and unknown green mineral (fuchsite?). | 5 | <0.2 | 54 | 96 | 10 | <5 | 289 |
| 54543 | Mt. McFaull | 496773 | 7085596 | grab | Quartz vein within altered, micaceous gabbro/diote, fault zone (?), unknown silver mineral and unknown green mineral (fuchsite?). | <5 | 1.1 | 38 | 78 | 25 | 5 | 151 |
| 54544 | Mt. McFaull | 496737 | 7085950 | grab | Quartzite (?) or intensely altered silicified gabbro/diorite. Highly altered, compact and massive appearing, unknwon silver mineral within. | <5 | 0.4 | 20 | 28 | 15 | <5 | 6 |
| 54545 | Mt. McFaull | 498445 | 7085532 | grab | Rotten crumbly looking beside quartzite, geothite-rich, maganese and limonite stain | <5 | 0.4 | 42 | 68 | 45 | <5 | 52 |

**Phase 2**

# KENO-LIGHTNING PROJECT, YT
## 2008 SAMPLE DESCRIPTIONS AND RESULTS

Au, Ag assay in red in g/t  Cu, Pb, Zn in red in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | TYPE (m) | GEOLOGY | Au ppb | Ag ppm | Pb ppm | Zn ppm | As ppm | Sb ppm | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 237738 | Homestake No. 1 vein | 489870 | 7086870 | | Galena seam up in hanging wall East of fault in trench | 0.79 | 3940 | >10000 | 4175 | 45 | 4515 | 2470 |
| 237739 | Homestake No. 1 vein | 489870 | 7086870 | | Galena, grey Cu, malachite, azurite boulder mid trench on side | 4.08 | 1805 | 41.9 | 1.64 | 100 | >10000 | 4.9 |
| 237740 | Homestake No. 1 vein | 489870 | 7086870 | | Quartz, arsenopyrite, scorodite, Sb sulphides | 7.20 | 1522 | 19.6 | 2.92 | 8030 | >10000 | 1870 |
| 54511 | HS Adit | Underground | | panel 1x0.7 | quartz vein | 140 | 1.9 | 364 | 1195 | 615 | 5 | 5 |
| 54512 | HS Adit | Underground | | Panel 1x0.6 | quartz vein | 100 | 1.6 | 152 | 1020 | 335 | <5 | 13 |
| 54604 | Homestake TR08-3 | | | 1x2 panel | above swichback, altered limonitic quartzite siderite galena stringers | 645 | 52.3 | 1.54 | 3110 | 3035 | 155 | 97 |
| 54605 | Homestake H-TR5 | 490233 | 7086895 | 2x3 panel | Quartz limonite | 3.50 | 370 | 16.2 | 5334 | 3930 | >10000 | 98 |
| 54606 | Homestake H-TR5 | 490233 | 7086895 | 1mx1m panel | quartz siderite with limonite-Mn minor galena | 560 | 30.2 | 5690 | 7912 | 7535 | 425 | 173 |
| 54607 | Homestake H-TR6 | 490314 | 7086945 | 2mx2m panel | quartz-limonite-Mn with some arsenic-antimony? | 95 | 4.1 | 1376 | 274 | 655 | 420 | 6 |
| 54608 | Homestake H-TR6 | 490314 | 7086945 | 2mx2m panel | mainly quartz - siderite with Mn-limonite, minor galena | 140 | 10.2 | 4764 | 1.51 | 865 | 45 | 28 |
| 54609 | Homestake H-TR6 | 490314 | 7086945 | grab | tranverse vein? structure, siderite, Mn, minor galena | 135 | 134 | 1.81 | 4.63 | 830 | 4715 | 283 |
| 237601 | Homestake shaft | 489776 | 7086834 | grab | High grade galena, malachite, azurite, siderite | 2.43 | 3266 | 41.8 | 9748 | 675 | >10000 | 2 |
| 54610 | Homestake H-TR4 | 489875 | 7086876 | Panel 1x2 | very altered schist with graphitic schist, wall rock | 15 | 6.9 | 446 | 2651 | 100 | 10 | 12 |
| 54611 | Homestake H-TR4 | 489875 | 7086876 | Panel 1x1 | high grade vein, galena, malachite, azurite | 40 | 11.4 | 90 | 3154 | 345 | 40 | 23 |
| 54612 | Homestake H-TR4 | 489875 | 7086876 | Panel 1x2 | dark thin bedded schist with graphitic schist | 10 | 3.8 | 78 | 1023 | 85 | <5 | 5 |
| 54613 | Homestake H-TR4 | 489875 | 7086876 | Panel 1x1 | white quartz | 35 | 21.2 | 242 | 5980 | 365 | 25 | 79 |
| 54614 | Homestake H-TR4 | 489870 | 7086870 | Panel 1x2 | quartz vein, siderite, limonite,hanging wall vein material with 20cm galena | 295 | 1712 | 6.6 | 4.55 | 310 | 1885 | 1748 |
| 54615 | Homestake H-TR4 | 489870 | 7086870 | Panel 1x2 | vein -quartz, siderite, galena, limonite | 305 | 1415 | 19.3 | 7.67 | 80 | 1615 | 1049 |
| 54616 | Homestake H-TR4 | 489870 | 7086870 | Panel 1x2 | dark thin bedded schist | 5 | 7.3 | 502 | 1680 | 40 | <5 | 9 |
| 54617 | Homestake H-TR4 | 489870 | 7086870 | Panel 1x1.2 | graphitic schist very altered | <5 | 4.0 | 324 | 884 | 65 | <5 | 6 |

**Phase 2**

# KENO-LIGHTNING PROJECT, YT
## 2008 SAMPLE DESCRIPTIONS AND RESULTS

Au in red in g/t  Cu, Pb, Zn in red in %

| SAMPLE | | NAD 83 | ZONE 8 | | | Au | Ag | Pb | Zn | As | Sb | Cu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NUMBER | LOCATION | EASTING | NORTHING | TYPE | GEOLOGY | ppb | ppm | ppm | ppm | ppm | ppm | ppm |
| 54618 | Homestake H-TR4 | 489870 | 7086870 | Panel 1x1.2 | dark thin bedded schist | <5 | 3.4 | 438 | 2008 | 80 | <5 | 5 |
| 54619 | Homestake H-TR4 | 489870 | 7086870 | Panel 1x1 | quartz vein, altered, limonite | 55 | 6.0 | 910 | 3295 | 345 | <5 | 14 |
| 54620 | Homestake H-TR4 | 489870 | 7086870 | Panel 1x2 | very altered graphitic schist, quartz, sericite | 125 | 17.5 | 1236 | 2863 | 985 | 5 | 34 |
| 54621 | Homestake H-TR4 | 489870 | 7086870 | Panel 1x1.2 | footwall, quartz vein? Altered quartzite | 65 | 1.3 | 158 | 772 | 245 | <5 | 5 |
| 54622 | Homestake H-TR4 | 489837 | 7086855 | Panel 1x2 | wall rock--quartzite | 10 | 4.3 | 184 | 409 | 100 | <5 | 9 |
| 54623 | Homestake H-TR4 | 489837 | 7086855 | Panel 1x0.8 | high grade vein galena,malachite, azurite | 695 | 4717 | 26.0 | 8004 | 85 | >10000 | 1 |
| 54624 | Homestake H-TR4 | 489837 | 7086855 | Panel 1x1 | gangue material | 30 | 11.6 | 512 | 3187 | 190 | 30 | 38 |
| 54625 | Homestake H-TR4 | 489837 | 7086855 | Panel_1 x1.2 | high grade vein, galena, with bornite, malachite, azurite | 100 | 970 | 20.7 | 4292 | <5 | 1095 | 629 |
| 54626 | Homestake H-TR4 | 489837 | 7086855 | Panel 1x1.5 | altered, bedded quartzite | 30 | 4.9 | 232 | 2839 | 150 | 25 | 32 |
| 54627 | Homestake H-TR4 | 489837 | 7086855 | Panel 1x0.5 | vein -qtz. Dark fractured Siderite pbs-small zone lots of red material | 70 | 7.5 | 242 | 6126 | 565 | 100 | 163 |
| 54628 | Homestake H-TR4 | 489837 | 7086855 | Panel 1x2 | vein -qtz. Siderite vein with dark limonite | 10 | 2.0 | <2 | 1285 | <5 | <5 | 5 |
| 54629 | Homestake H-TR4 | 489837 | 7086855 | Panel 1x1 | wall rock-- footwall quartzite | 25 | 9.4 | 720 | 3505 | 10 | <5 | 17 |
| 54630 | Homestake H-TR4 | 489807 | 7086851 | Panel 1x2 | limonitic qtz.vein soft alt. with qtzte and schist | 45 | 4.0 | 340 | 2615 | 275 | 15 | 8 |
| 54631 | Homestake H-TR4 | 489807 | 7086851 | Panel 1x1.2 | vein -quartz, altered, siderite | 35 | 6.5 | 548 | 5130 | 150 | 10 | 20 |
| 54632 | Homestake H-TR4 | 489807 | 7086851 | Panel 1x1 | white quartz with quartzite | 50 | 5.0 | 28 | 534 | 95 | <5 | 16 |
| 54633 | Homestake H-TR4 | 489807 | 7086851 | Panel 1x1 | Siderite vein material dark with quartz | 30 | 21.1 | 306 | >10000 | 250 | 150 | 44 |
| 54634 | Homestake H-TR4 | 489807 | 7086851 | Panel_1 x1 | altered serecitic schist, bedded very rusty | 10 | 1.5 | 86 | 1687 | 90 | 10 | 7 |
| 54635 | Homestake H-TR4 | 489786 | 7086845 | Panel_1 x2 | hanging wall rock bedded altered limonitic, graphitic schist | 5 | 3.1 | 440 | 1318 | 35 | <5 | 8 |
| 54636 | Homestake H-TR4 | 489786 | 7086845 | Panel 1x1.2 | vein -quartz, siderite, galena | 85 | 32.1 | 6720 | 7395 | 930 | 30 | 67 |
| 54637 | Homestake H-TR4 | 489786 | 7086845 | Panel 1x1 | vein -quartz, siderite, galena | 35 | 3.2 | <2 | 5619 | 2145 | <5 | 12 |
| 54638 | Homestake H-TR4 | 489786 | 7086845 | Panel 1x1 | greenstone dyke | 600 | 17.2 | 160 | 2911 | 3215 | 60 | 237 |
| 54639 | Homestake H-TR4 | 489786 | 7086845 | Panel 1x1.5 | thin bedded altered sericite schist | 545 | 4.7 | 166 | 681 | 1060 | <5 | 31 |

**Phase 2**

# KENO-LIGHTNING PROJECT, YT
## 2008 SAMPLE DESCRIPTIONS AND RESULTS

Au, Ag assay in red in g/t  Cu, Pb, Zn in red in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | TYPE (m) | GEOLOGY | Au ppb | Ag ppm | Pb ppm | Zn ppm | As ppm | Sb ppm | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9001 | Duncan Shaft | 492038 | 7090821 | grab | Highgrade-galena,native wires,argentites? | 770 | 3963 | 44 | 5718 | 100 | 920 | 2387 |
| 9002 | Alice Shaft | 492877 | 7091259 | grab | Highgrade-galena,siderite,pbs-dump | 1.06 | 1122 | 8.71 | 3.80 | <5 | 320 | 1035 |
| 9003 | Alice | 492852 | 7091224 | grab | float-25m SW of shaft, galena | 1.82 | 3780 | 27.2 | 3.79 | 100 | 5285 | 405 |
| 9004 | Duncan Shaft | 492038 | 7090821 | float | composite of galena | 34 | 7.7 | 2988 | 5879 | 105 | 20 | 49 |
| 9005 | Caribou adit/trench | 492788 | 7090990 | grab | Caribou vein material-hi grade pbs-trench @ adit | 215 | 4714 | 46.2 | 699 | 30 | 915 | 267 |
| 9006 | Duncan Trench 1 | no gps | | grab | Duncan area-trench 1-quartz/black material | 5 | 5.6 | 472 | 193 | 10 | 15 | 188 |
| 9007 | Duncan Trench 3 | no gps | | grab | Duncan area-trench 3-quartz/black material | 5 | 1.3 | 136 | 82 | <5 | <5 | 323 |
| 9008 | upper Duncan | no gps | | grab | Duncan area-open cut-quartz/black material | 5 | 3.8 | 426 | 86 | 15 | <5 | 70 |
| 9009 | Duncan-Trench 2 | no gps | | grab | Duncan area-trench 2-quartz/black material | 5 | 0.6 | 64 | 102 | 15 | <5 | 163 |
| 9010 | Duncan Trench 3 | no gps | | grab | Duncan area-trench 3-quartz/black material | 5 | 0.9 | 142 | 167 | <5 | 5 | 320 |
| 9011 | Duncan Shaft | 492023 | 7090844 | grab | Duncan area-trench 3-quartz/black material | <5 | 0.5 | 38 | 51 | 10 | <5 | 89 |
| 54501 | NE Duncan | 492641 | 7091655 | grab | Quartz vein at 120/65S, 1m wide?, pyrite, arsenopyrite, cutting schist | 5.14 | 66.9 | 7310 | 237 | >10000 | 210 | 82 |
| 54502 | NE Duncan | 492865 | 7091752 | grab | pyritized greenstone, quartz at contact with schist, contact trends 070 | 110 | 0.4 | 54 | 111 | 295 | <5 | 578 |
| 54503 | NE Duncan | 492877 | 7091761 | grab | pyritized greenstone, quartz at contact with schist, contact trends 070 | 20 | 0.2 | 52 | 102 | 205 | <5 | 510 |
| 54504 | NE Duncan | 492924 | 7091773 | grab | pyritized greenstone, quartz at contact with schist, 65-70/30S | 10 | <0.2 | 32 | 97 | <5 | <5 | 780 |
| 54505 | NE Duncan | 492989 | 7091807 | grab | at contact between greenstone and schist, quartz-pyritized schist | 3.50 | 1.0 | 134 | 94 | 15 | <5 | 413 |
| 29868 | upper faith | 492964 | 7089924 | grab | high grade dump | 1.13 | 4713 | 34.1 | 5.73 | 2055 | 600 | 1465 |
| 29869 | Silver Basin Gulch | 492220 | 7090888 | grab | Towards Duncan area, claim post #2. Siderite,galena. | 30 | 2.3 | 202 | 2780 | <5 | <5 | 11 |
| 29870 | Silver Basin Gulch | 492242 | 7090910 | sudo chip | Towards Duncan area, claim post #2. Small 6cm siderite vein in place. | 25 | 57.9 | 1.39 | 3.34 | <5 | 30 | 133 |
| 54519 | Silver Basin | 491086 | 7091652 | grab | siderite Qzt., Pbs,limonite Mag. Float l old cat trench sulphide vein | 130 | 24.8 | 7044 | 2173 | 1595 | 40 | 13 |
| 54520 | Silver Basin | 491042 | 7091650 | panel 1x1m | Qzt vein 1 m wide@260? Dip -45SE pyrite.arsenopyrite? Pbs, in creek gully | 2.61 | 531 | 4.66 | 199 | >10000 | 90 | 172 |
| 54521 | Silver Basin | 491094 | 7091615 | grab | highgrade dump pile from shaft-galena | 310 | 2382 | 48.5 | 3126 | 95 | 760 | 1390 |
| 54522 | Silver Basin Gulch | 490804 | 7090981 | grab | very alt/leched qtz. , qtzite Congolerate, maganese,limonite, Monument Hill cat trench | 15 | 15.2 | 962 | 310 | 235 | <5 | 52 |

**Phase 2**

## KENO-LIGHTNING PROJECT, YT
## 2008 SAMPLE DESCRIPTIONS AND RESULTS

Au, Ag assay in red in g/t  Cu, Pb, Zn in red in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | TYPE (m) | GEOLOGY | Au ppb | Ag ppm | Pb ppm | Zn ppm | As ppm | Sb ppm | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54506 | Faith Gulch | 493276 | 7089433 | grab | Bema #3 vein. Rusty limonitic vuggy quartz ,lots of maganese, no visible sulphides | 520 | 452 | 1.83 | 453 | 1490 | 1875 | 232 |
| 54507 | Faith Gulch | 493276 | 7089433 | grab | Bema #3 vein. Rusty limonitic vuggy quartz ,lots of maganese,no visible sulphides | 1.41 | 102.2 | 1.93 | 287 | 9620 | 535 | 115 |
| 54508 | Faith Gulch | 493399 | 7089433 | panel 1x1.5m | Rusty limonitic vuggy quartz ,lots of maganese,no visible sulphides | 115 | 17.5 | 2612 | 1474 | 680 | 30 | 54 |
| 54509 | Faith Gulch | 493337 | 7089279 | grab | from old working, small qtz vein exposed 5 markers at 265 degrees dip almost vertical, limonitic, maganese | 615 | 7.5 | 1148 | 349 | 1855 | 20 | 49 |
| 54510 | Faith Gulch | 493330 | 7089338 | grab | 25x1m float train, Rusty limonitic vuggy quartz ,lots of maganese,no visible sulphides, possible vein at 185 degrees | 65 | 4.6 | 358 | 81 | 455 | 10 | 27 |
| 54513 | E Faith Shaft | 493796 | 7090183 | panel 1x1.2 | Quartz stockwork, qtz/limonite/maganese/pyr, cutting greenstone/schist, graphitic schist, left side vertical sample | 15 | 0.6 | 34 | 30 | 100 | <5 | 7 |
| 54514 | E Faith Shaft | 493794 | 7090184 | panel 1x3 | Quartz stockwork in greenstone with dark black graphitic schist | 30 | 1.6 | 170 | 62 | 380 | <5 | 11 |
| 54515 | E Faith Shaft | 493791 | 7090184 | panel 1x3 | Quartz stockwork in greenstone with dark black graphitic schist | 10 | 1.0 | 162 | 77 | 475 | 5 | 7 |
| 54516 | Faith Gulch | 493707 | 493707 | grab | very altered,, leached quartz, conglomerate, maganese, limonite, in talus | 95 | 3.5 | 466 | 36 | 270 | <5 | 8 |
| 54517 | Faith Gulch | 493707 | 493707 | grab | Quartz, conglomeritic, very limonitic leached iron oxide | 350 | 5.2 | 586 | 746 | 3470 | 30 | 92 |
| 54518 | Faith Gulch | 493707 | 493707 | grab | altered greenstone, lots of maganese, limonite, very dark black | 15 | 11.9 | 2726 | 3510 | 10 | <5 | 8 |
| 54601 | Bema # 2-Divide | 493070 | 7090578 | grab | 20 ft blast trench--quartz/limonite,maganese,siderite | 20 | 0.4 | <2 | 1996 | <5 | <5 | 98 |
| 54602 | Bema # 2-Divide | 493027 | 7090601 | grab | 10 ft blast trench--quartz/limonite,maganese,siderite | 15 | 1.4 | 36 | 48 | 205 | <5 | 10 |
| 54603 | Bema # 2-Divide | 493315 | 7090917 | grab | 10 ft blast trench--quartz/limonite,maganese,siderite | 15 | 0.5 | 92 | 1101 | 1300 | 60 | 132 |
| 54640 | Bema | 494670 | 7087042 | 1x1m panel | contact quartzite/greenstone, quartz vein 1m wide bull white, @125/25S, altered graphitic schist layer, blast trench, dark mafic vein | 5 | <0.2 | 34 | 96 | 30 | <5 | 60 |
| 54641 | Bema | 494670 | 7087042 | grab | contact quartzite/greenstone quartz vein, 1m wide, bull white @125/25S, altered greenstone | 10 | 0.5 | 42 | 112 | 5 | <5 | 336 |
| 54642 | Bema | 494670 | 7087042 | grab | contact quartzite/greenstone quartz vein, 1m wide, bull white @125/25S, quartz vein | 10 | <0.2 | 30 | 50 | <5 | <5 | 6 |
| 54643 | Bema | 494667 | 7086928 | grab | limonitic rusty yellow quartz in quartzite greenstone | 10 | <0.2 | 10 | 40 | 20 | <5 | 8 |
| 54644 | Faith Gulch | 493395 | 7090812 | grab | Hand pit-limonitic rusty yellow quartz breccia, vuggy, maganese no visible sulphides vein @185?, rusty gossan | 810 | 12.4 | 8724 | 1314 | 6435 | 640 | 201 |
| 54646 | Bema | 494728 | 7087047 | comp-osite | composite sample below workings, rusty limonitic vuggy quartz, pyrite | 10 | 0.2 | 14 | 36 | 210 | <5 | 7 |
| 54647 | Bema | 494733 | 7087035 | Panel 1x1m | Rusty limonitic vuggy quartz with fractures, pyrite | 20 | <0.2 | 12 | 17 | 10 | <5 | 6 |
| 54648 | Bema | 494719 | 7087052 | Panel 1mx1m | from quartz stockwork (010-030), rusty limonitic vuggy white quartz, pyrite | 5 | <0.2 | <2 | 23 | 10 | <5 | 6 |
| 54649 | Bema | 494673 | 7087027 | grab | from old sample site above quartz vein, quartzite with pyrite | 5 | 0.5 | 42 | 39 | 10 | <5 | 22 |
| 54650 | Bema | 494672 | 7086943 | grab | from vein float, rusty limonitic stained quartz (000-030 degrees ) | 70 | <0.2 | <2 | 18 | 100 | <5 | 4 |
| 54523 | Rum Tum | 490501 | 7092600 | grab | high grade galena from dump | 1.71 | 654 | 1.44 | 3.70 | >10000 | 1205 | 3330 |
| 54524 | Rum Tum | 490520 | 7092570 | 1x4 ft. panel | quartz vein lots of pyrite, malachite, azurite, galena, N/75E | 150 | 19.2 | 684 | 1867 | 4065 | 120 | 467 |
| 54525 | Rum Tum | 490526 | 7092564 | 1x1 ft. panel | quartz vein 020/65E, limonite and Mn stained with pyrite, malachite, azurite, fine grained galena, altered quartzite wallrock full of pyrite | 900 | 41.1 | 6148 | 8149 | 2310 | 65 | 357 |
| 54526 | Rum Tum | 490533 | 7092561 | grab | high grade galena from dump, azurite, malachite | 3.29 | 2149 | 2.29 | 1.51 | 1870 | >10000 | 3 |
| 54527 | Rum Tum | 490549 | 7092577 | grab | 2 ft quartz vein (white + limonitic) 080/60SE, 3ft of altered wall rock (pyrite) | 10 | 2.7 | 94 | 102 | 210 | 35 | 407 |
| 54528 | Blanche | 490056 | 7092674 | grab | high grade galena from dump | 235 | 31.9 | 40 | 7070 | 25 | 4340 | 1663 |
| 54529 | Blanche | 490048 | 7092669 | grab | high grade galena from dump, Mn stained quartzite, siderite, galena, anglesite, lim, oxides brecciated vein material | 170 | 1690 | 22.20 | 2.95 | 160 | 2190 | 2489 |
| 54530 | Blanche | 490030 | 7092646 | float | Nabob #2 float with vein material 30/75 cutting quartzite (brecciated) siderite, Mn, limonite, over 15ft | 5 | 27.8 | 362 | 668 | 290 | 90 | 61 |
| 54531 | Blanche | 490008 | 7092634 | float | Nabob #2 disseminated galena, sideirte, magnetite, manganese stained quartzite with galena, siderite and quartz. | 15 | 90 | 1042 | 2485 | 120 | 155 | 180 |

## KENO-LIGHTNING PROJECT, YT

Phase 1

## 2008 SAMPLE DESCRIPTIONS AND RESULTS

Au in red in g/t  Cu, Pb, Zn in red in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | ELEV. | TYPE | GEOLOGY | Au ppb | Ag ppm | Pb ppm | Zn ppm | As ppm | Sb ppm | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 526190 | Bema | 494739 | 7087304 | 1527 | 0.7m chip | rusty quartz vein, galena as large cubes, pyrite, limonite, quartzite host | 260 | 224 | 2.62 | 286 | 1290 | 200 | 7 |
| 526191 | Bema | 494739 | 7087304 | 1527 | grab | high grade galena from above | 1.67 | 2668 | 28.51 | 351 | 1205 | 2230 | 21 |
| 526192 | Bema | 494721 | 7087261 | 1565 | grab | vuggy quartz-galena veins, lare quartz crystals, fine cubic galena (acanthite?) rusty, limonite vugs, in open cut, bedding 140/50SW, fractures at165, 45 | 545 | 584 | 6.29 | 3042 | 865 | 475 | 63 |
| 526193 | Bema | 494648 | 7087265 | 1537 | grab | quartz, some vuggy with crystal aggregates of steel galena, arsenopyrite, >30cm width, 130/50SW | 220 | 5.8 | 411 | 91 | 8465 | 15 | 5 |
| 526109 | Bema | 494752 | 7087345 | | 1m chip | pyritic quartzite bed | 30 | 1.3 | 86 | 11 | 170 | 5 | 7 |
| 526110 | Bema | 494759 | 7087350 | | grab | pyritic vein float below 526109 | 1.40 | 4.2 | 176 | 26 | 9230 | 20 | 20 |
| 526111 | Bema | 494757 | 7087339 | | grab | 10 cm pieces quartz with drusy vugs, possible argentite-acanthite, horn silver? | 9.50 | 18.2 | 728 | 16 | >10000 | 105 | 7 |
| 526117 | Silver Basin | 491130 | 7091564 | wpt 65 | grab | No. 3 or 5 Vein, quartz-aspy>galena, minor freibergite, from pit/open cut, large dump, shovel, some quartz porphyry | 3.50 | 832 | 7.25 | 548 | >10000 | 990 | 685 |
| 526118 | Silver Basin | 491130 | 7091564 | wpt 65 | grab | limonite and Mn, heavy, highly oxidized,siderite with minor quartz, some galena, sphalerite | 6.70 | 212 | 2.30 | 9764 | 7805 | 380 | 1572 |
| 526119 | Silver Basin | 491096 | 7091606 | wpt 67 | grab | shaft/pit, No. 5 Vein, siderite, limonite, Mn, highly oxidized, some galena left, minor quartz | 80 | 29.5 | 6974 | 1991 | 10 | 30 | 104 |
| 526120 | Silver Basin | 491103 | 7091633 | | grab | No. 1 Vein?, Trench 6, quartz vein with aspy>galena, possible Main Vein (030) but face of fracture in trench is 063/60SE | 8.10 | 18.1 | 1728 | 149 | >10000 | 235 | 40 |
| 526121 | Silver Basin | 491090 | 7091616 | | grab | high grade dump beside shaft with cerrusite, curved galena, No.2 Vein | 180 | 1953 | 49.22 | 1790 | 75 | 2160 | 396 |
| 526122 | Silver Basin | 491368 | 7091476 | 1498 | grab | Mn, limonite,highly oxidized, some galena, quartz, from old adit, No. 4 Vein | 45 | 176 | 7.33 | 4604 | 55 | 245 | 148 |
| M 526123 | Homestake | 491503 | 7087417 | 1200 | moss mat | fine muddy silt in moss, on sticks across 10-20 cm creek, trickle flow | <5 | <0.2 | 30 | 58 | 25 | <5 | 16 |
| M 526124 | Homestake | 491392 | 7087401 | 1208 | moss mat | good silt from moss on quartzite cobbles in 30 cm creek, trickle flow | 10 | 0.4 | 38 | 70 | 30 | <5 | 38 |
| M 526125 | Homestake | 490871 | 7087289 | 1229 | moss mat | silt in moss from sticks across 30 cm creek, no wood, slow-moderate flow, gs, some quartzite float | 10 | 0.9 | 76 | 140 | 35 | 5 | 80 |

**Phase 1**

# KENO-LIGHTNING PROJECT, YT
## 2008 SAMPLE DESCRIPTIONS AND RESULTS

Au in red in g/t  Cu, Pb, Zn in red in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | ELEV. | TYPE | GEOLOGY | Au ppb | Ag ppm | Pb ppm | Zn ppm | As ppm | Sb ppm | Cu ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 526144 | Homestake TR 08-1 | 489016 | 7086185 | 1390 | 10 cm chip | 10 cm quartz-limonite-Mn vein cutting quartzite, trend 050/80NW | 5 | 2.3 | 506 | 777 | 150 | <5 | 38 |
| 526145 | Homestake TR 08-1 | 489015 | 7086178 | 1396 | 10 cm chip | quartz vein, rusty, limonite vugs, , some Mn, quartzite wallrock with limonite fractures | 5 | 1.4 | 30 | 368 | 145 | <5 | 13 |
| 526146 | Homestake TR 08-1 | 489008 | 7086191 | 1393 | 30 cm chip | rusty, quartz and silicified quartzite | 15 | 0.6 | 42 | 603 | 225 | <5 | 18 |
| 526248 | Homestake TR 07-1 | 489737 | 7086630 | 1433 | 0.6m chip | limonite and Mn, bit heavy, highly oxidized, quartz-siderite vein trend 000/45W, possible extention of Shaft Vein | 20 | 0.3 | <2 | 744 | 150 | <5 | 5 |
| 526249 | Homestake TR 07-4 | 489850 | 7086856 | 1370 | 0.3m chip | limonite and Mn, heavy, oxidized, siderite vein with fine galena, minor sphalerite, trend 050/45SE, Vein No. 1 on S face of trench | 385 | 872 | 8.79 | 2.97 | 80 | 1230 | 1014 |
| 526250 | Homestake Shaft | 489780 | 7086832 | 1383 | 0.9m chip | limonite and Mn, heavy, oxidized, siderite vein with malachite, azurite, freibergite, sphalerite?, trend 035/70SE, Shaft Vein | 4.67 | 3168 | 1500 | 2.56 | <5 | >10000 | 2.83 |
| 29871 | Homestake | 489022 | 7086189 | 1402 | grab | quartz from small pit, rusty, schist flecks in quartzite | 10 | 0.2 | 24 | 28 | 45 | <5 | 3 |
| 29872 | Homestake | 489008 | 7086192 | 1397 | grab | limonite and Mn stained, quartz, some vuggy, in quartzite blocks below 29871 | 5 | 0.9 | 234 | 460 | 65 | <5 | 11 |
| 29873 | Homestake | 489271 | 7086255 | 1434 | soil | rusty red-brown B from frost heave, quartzite, minor quartz float | 5 | <0.2 | 42 | 58 | 10 | <5 | 12 |
| 29874 | Homestake Trench H | 489925 | 7086473 | 1477 | grab | vuggy quartz, weak carbonate float from trench | <5 | <0.2 | 4 | 10 | 15 | <5 | 4 |
| 29875 | Homestake Pit H | 490142 | 7086422 | 1564 | grab | from W end of white, partly rusty, quartz vein | 10 | 0.5 | 84 | 85 | 75 | 10 | 9 |
| 29876 | Homestake Trench B | 490204 | 7086415 | 1542 | grab | rusty, partly vuggy quartz vein, possible 170/steep E trend, A Vein | 20 | <0.2 | 6 | 20 | 50 | <5 | 8 |
| 29877 | Bunker Hill | 490516 | 7086382 | 1606 | grab | composite grab of partly rusty and vuggy quartz across 20m, below H-Pit2, B Vein | 7.22 | 11.4 | 1.69 | 1691 | 2825 | 530 | 274 |
| 29878 | Bunker Hill | 490529 | 7086380 | 1608 | grab | MR, from H-Pit3, as above with stibnite | 5.30 | 102 | 6878 | 6741 | >10000 | 1500 | 414 |
| 29879 | Bunker Hill | 492341 | 7085867 | 1754 | 1m chip | rusty, pyritic quartzite bed, 2% pyrite in rusty quartzite | 10 | 0.8 | 88 | 27 | 60 | <5 | 6 |
| 29880 | Bunker Hill | 492252 | 7086526 | 1472 | soil | med brown B, from overgrown dump at end of possible 160 trending trench | | | | | | | |
| 29881 | Bunker Hill | 491364 | 7086212 | 1628 | grab | rusty, pyritic quartzite, 3% pyrite in light rusty quartzite (S0801 in field) | 260 | 1.8 | 44 | 37 | 1385 | 25 | 77 |
| 29882 | Bunker Hill | 491389 | 7086188 | 1634 | grab | rusty, pyritic quartzite with 30% fine pyrite, some as aggregates, in rusty silicified? quartzite (S0802 i n field) | 25 | 1.2 | 36 | 16 | <5 | <5 | 32 |
| 29883 | Bunker Hill | 492511 | 7086304 | 1596 | grab | limonite, Mn stained, breccia grunge with some quartz in flats | 10 | 0.4 | 16 | 29 | 215 | <5 | 62 |
| 29884 | Bunker Hill | | | | grab | | 5 | <0.2 | 22 | 10 | 20 | <5 | 5 |

## KENO-LIGHTNING PROJECT, Yukon Territory
## 2007 SAMPLE DESCRIPTIONS AND RESULTS

Au, Ag in red are assays in g/t

Cu, Pb, Zn in red are assays in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | ELEV. (m) | TYPE | GEOLOGY | Au ppb | Ag ppm | As ppm | Sb ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 526072 | Homestake shaft | 489781 | 7086840 | 1376 | 1m chip | siderite, sphalerite, galena transverse vein 025/70E | 65 | 278 | <5 | 455 | 617 | 1.88 | 1.5 |
| 526073 | Homestake Trench 1 | 489986 | 7086800 | 1393 | 1m chip | quartz vein with 3% Mn stained, rusted sulphide blotches; trend 105/50S | 100 | 1.8 | 285 | 10 | 9 | 42 | 350.9 |
| 526074 | Homestake Trench 1 | 489982 | 7086803 | 1390 | 0.5m chip | quartz-sulphide vein boulders with stibnite, arsenopyrite, freibergite, minor galena, sphalerite | 11.4 | 97 | >10000 | >10000 | 125 | 3.95 | 1.9 |
| 526075 | Homestake Trench 1 | 489919 | 7086764 | 1408 | grab | siderite, malachite, galena, lesser sphalerite, freibergite; longitudinal vein 065/SE | 20.8 | 1420 | 535 | >10000 | 1.6 | 41.3 | 8.84 |
| 526076 | Homestake Trench 1 | 489830 | 7086699 | 1426 | grab | very rusty quartz float at 340 trending Xcut in Trench 1 | 25 | 15.4 | 15 | 35 | 94 | 522.9 | 744 |
| 526077 | Homestake Trench B | 490488 | 7086384 | 1602 | grab | high grade stibnite, some galena from 526078 vein | 11.3 | 162 | 3405 | >10000 | 79 | 7.25 | 653 |
| 526078 | Homestake Trench B | 490488 | 7086384 | 1602 | 3m chip | 3m rusty quartz vein with 30 cm yellow stained, strongly oxidized zone in centre with stibnite; trend 110/70S | 10.0 | 74 | >10000 | 600 | 146 | 1.98 | 1849 |
| 526079 | Homestake Trench 2 | 489717 | 7086702 | 1416 | grab | quartz vein float with siderite | 20 | 2.3 | 70 | 20 | 6 | 241.5 | 238 |
| 526080 | Homestake Trench 4 | 489830 | 7086868 | 1383 | grab | high grade boulders with freibergite galena, sphalerite from dump, vein trend 065/50SE | 2.13 | 2320 | 135 | >10000 | 1.5 | 22.4 | 1.21 |
| 526081 | Caribou S | 492789 | 7091046 | 1772 | grab | highly oxidized, Mn, limonite staining, 2% galena, heavy, chip across blds | 410 | 1210 | <5 | 1715 | 1331 | 6.68 | 1.53 |
| 526082 | Caribou N | 492801 | 7091191 | 1793 | grab | sulphide vein with fine steel galena, freibergite, minor boulangerite, bournonite | 2.80 | 1060 | <5 | >10000 | 1801 | 13.95 | 2.28 |
| 526083 | Caribou N | 492798 | 7091198 | 1788 | 2m chip | quartz breccia fragments in limonite cement; S end Alice Vein | 530 | 120 | 6160 | 265 | 84 | 1808 | 7761 |
| 526084 | NE Caribou Adit dump | 492870 | 7091267 | 1797 | grab | highly oxidized sulphide vein with medium-coarse grained galena, some sphalerite, freibergite? | 1.61 | 3160 | 120 | >10000 | 1030 | 37.3 | 5.23 |
| 526085 | Duncan shaft dump | 492023 | 7090844 | 1636 | grab | highly oxidized, Mn, limonite staining, large curved galena, heavy, freibergite? | 930 | 1520 | 170 | 4185 | 2289 | 38.0 | 8100 |
| 526086 | Duncan | 491973 | 7090757 | 1672 | grab | quartz-sericite schist with quartz veining along foliation, 5% pyrite, minor galena and sphalerite; 100/50S | 5 | 11.8 | 10 | 30 | 59 | 1493 | 141 |
| 526087 | Duncan | 491990 | 7090726 | 1714 | 1m chip | quartz-pyrite-malachite-trace chalcopyrite? | <5 | 2.9 | 15 | 25 | 110 | 225 | 35 |

## KENO-LIGHTNING PROJECT, Yukon Territory
## 2007 SAMPLE DESCRIPTIONS AND RESULTS

Au, Ag in red are assays in g/t

Cu, Pb, Zn in red are assays in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | ELEV. (m) | TYPE | GEOLOGY | Au ppb | Ag ppm | As ppm | Sb ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 526088 | Avenue | 493490 | 7091947 | 1546 | grab | quartz rich vein | 15 | 1.4 | 160 | 30 | 76 | 84 | 21 |
| 526089 | Avenue | 493490 | 7091947 | 1546 | grab | highly oxidized, grungy, well weathered | 5 | 0.7 | <5 | 5 | 3 | 46 | 21 |
| 526090 | Avenue TR C, D jct. | 493479 | 7091933 | 1545 | grab | brown, limonite stained, heavy, highly oxidized transverse vein, 025/80E | 5 | <0.2 | <5 | <5 | <1 | 6 | 20 |
| 526091 | Bema | 494789 | 7087490 | 1383 | grab | rusty quartz veins, minor galena, sphalerite? | 20 | 0.4 | 110 | 5 | 7 | 40 | 285 |
| 526092 | Bema | 494829 | 7087465 | 1388 | grab | quartz vein in bank, some pyrite | 5 | <0.2 | 130 | 10 | 12 | 27 | 57 |
| 526093 | Bema | 494783 | 7087492 | 1393 | grab | rusty quartz vein, trace pyrite | <5 | <0.2 | <5 | <5 | 5 | 17 | 11 |
| 526094 | Bema | 494839 | 7087451 | 1388 | grab | rusty, vuggy quartz | 95 | <0.2 | 115 | <5 | 3 | 27 | 86 |
| 526095 | Bema | 494798 | 7087489 | 1390 | grab | rusty, small drusy veinlets | 1.16 | <0.2 | 65 | <5 | 4 | 23 | 65 |
| 526096 | Faith | 493781 | 7090188 | 1413 | grab | 5 cm galena rich quartz vein from dump, freibergite? | 690 | 2160 | 275 | 1585 | 75 | 13.4 | 120 |
| 526097 | Faith | 493774 | 7090181 | 1422 | grab | in place galena in druses in quartz, freibergite? | 2.35 | 2640 | 200 | 4775 | 140 | 37.3 | 118 |
| 526098 | Faith | 493770 | 7090185 | 1497 | grab | 5 cm black, grungy zone, minor vuggy quartz veinlet in thin bedded pyritic quartzite | 70 | 9.9 | 380 | 5 | 16 | 515 | 94 |
| 526099 | Faith shaft | 493775 | 7090184 | 1417 | 1m chip | 3 small quartz veins,+/- black oxide, in pyritic quartzite/phyllite host | 105 | 8.2 | 185 | 15 | 28 | 296 | 274 |
| 526100 | Faith | 493843 | 7090085 | 1440 | grab | rusty 40 cm vein; trend 360/steep | 10 | 2.6 | 355 | 5 | 45 | 73.5 | 23.1 |
| 526101 | Silver Basin | 491038 | 7091663 | 1609 | 15 cm chip | quartz breccia subcrop in silicified phyllite host, arsenopyrite veinlets, stringers, some black, vuggy, grungy zones, minor vugs, 2-3% pyrite | 1.43 | 2.7 | >10000 | 40 | 5 | 84 | 261 |
| 526102 | Silver Basin | 491042 | 7091650 | 1607 | grab | quartz vein with freibergite, steel galena | 4.50 | 2720 | 2615 | 5020 | 3037 | 37.3 | 864 |
| 526103 | Silver Basin | 491082 | 7091649 | 1587 | grab | quartz vein with steel galena, minor sphalerite | 330 | 258 | 1700 | 280 | 40 | 8.35 | 6459 |

## KENO-LIGHTNING PROJECT, Yukon Territory
## 2007 SAMPLE DESCRIPTIONS AND RESULTS

Au, Ag in red are assays in g/t

Cu, Pb, Zn in red are assays in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | ELEV. (m) | TYPE | GEOLOGY | Au ppb | Ag ppm | As ppm | Sb ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 526151 | Homestake Trench 1 | 489861 | 7086710 | 1431 | grab | sericite altered thin bedded quartzite, some brecciation and slickensides and limonite and Mn fractures | 35 | 0.3 | 75 | 5 | 3 | 22 | 115 |
| 526152 | Homestake Trench 1 | 489826 | 7086697 | 1437 | 10 cm chip | brecciated possible vein margin with limonite,siderite, Mn, trend 048/90 | 75 | 2.2 | 235 | 15 | 9 | 36 | 2753 |
| 526153 | Homestake Trench 1 | 490002 | 7086807 | 1407 | 10 cm chip | 10 cm bedding plane quartz vein, trace sulphide, yellow stain in thin bedded quartzite, minor graphitic schist, thick quartzite below | 35 | 1.5 | 470 | 5 | 6 | 64 | 95 |
| 526154 | Homestake Trench 1 | 489983 | 7086794 | 1403 | 60 cm chip | pyritic quartzite hanging wall of 526155 | 385 | 16.3 | 8235 | 235 | 75 | 232 | 3585 |
| 526155 | Homestake Trench 1 | 489983 | 7086794 | 1403 | 35 cm chip | quartz vein with arsenopyrite, galena, stibnite, yellow stain | 22.1 | 332 | >10000 | >10000 | 283 | 13.0 | 5705 |
| 526156 | Homestake Trench 1 | 489983 | 7086794 | 1403 | 50 cm chip | quartzite footwall of 526155 | 70 | 1.3 | 1265 | 165 | 6 | 208 | 302 |
| 526157 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 1m chip | rusty, quartz stringered (<1 cm) thick bedded quartzite hanging wall of 526155 | 960 | 2.3 | 515 | 130 | 5 | 408 | 840 |
| 526158 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 55 cm chip | quartz vein, graphitic seams, stibnite, arsenopyrite, steel galena | 10.0 | 340 | >10000 | >10000 | 121 | 17.2 | 824 |
| 526159 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 1.2m chip | quartz vein, some stibnite, arsenopyrite, steel galena, footwall not exposed | 17.9 | 171 | 8005 | 2950 | 83 | 7.09 | 957 |
| 526160 | Homestake Trench 4 | 489835 | 7086862 | 1370 | 1m chip | siderite vein with sphalerite, much less galena; trend 60/70SE | 165 | 198 | 255 | 255 | 272 | 540 | 1.36 |
| 526161 | Homestake Trench 4 | 489835 | 7086862 | 1370 | 30 cm chip | galena rich zone, some freibergite in footwall of above siderite vein | 625 | 1592 | 375 | 1685 | 760 | 22.7 | 9138 |
| 526162 | Homestake Trench 4 | 489835 | 7086862 | 1370 | 1.5m chip | quartzite footwall of 526161 vein with minor siderite veinlets, trace sphalerite | 20 | 3.9 | 80 | 40 | 12 | 220 | 2140 |
| 526163 | Homestake Trench 1 | 489835 | 7086862 | 1370 | 1m chip | quartz vein not completely exposed, green stain, 3% pyrite, trend 060/52SE | 135 | 10.4 | 1300 | 115 | 270 | 254 | 955 |
| 526164 | Homestake Trench 1 | 489835 | 7086862 | 1370 | 30 cm chip | galena rich zone in footwall of above vein | 75 | 267 | 260 | 340 | 716 | 1.97 | 8501 |
| 526165 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 1.4m chip | white, rusty quartz vein, graphitic seams, with 10 cm rusty brown-Mn-quartz breccia in footwall; continuation from 526159 | 1.27 | 9.2 | 3535 | 110 | 22 | 1856 | 2495 |
| 526166 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 40 cm chip | graphitic gouge with white, rusty quartz; footwall of above | 880 | 34.5 | 4620 | 190 | 72 | 1.15 | 4175 |
| 526167 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 50 cm chip | brown-black oxidized, trace galena, sphalerite, siderite in footwall of above | 475 | 11.5 | 6865 | 65 | 87 | 2936 | 1.92 |
| 526168 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 1.2m chip | white, rusty quartz vein, minor graphitic seams in footwall of above | 1.72 | 7.5 | 980 | 130 | 9 | 1480 | 502 |
| 526169 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 1.3m chip | brown-Mn-limonite oxidized for 40 cm, then limonite-Mn stained quartzite in footwall of above | 485 | 12.0 | 5195 | 65 | 76 | 192 | 1.23 |
| 526170 | Homestake Trench 5 | 490233 | 7086895 | 1349 | 30 cm chip | grey gouge, quartz pieces, black graphitic phyllite; possible cross-fault at 005? | 390 | 2.9 | 500 | 30 | 5 | 204 | 218 |

## KENO-LIGHTNING PROJECT, Yukon Territory
## 2007 SAMPLE DESCRIPTIONS AND RESULTS

Au, Ag in red are assays in g/t

Cu, Pb, Zn in red are assays in %

| SAMPLE NUMBER | LOCATION | NAD 83 EASTING | ZONE 8 NORTHING | ELEV. (m) | TYPE | GEOLOGY | Au ppb | Ag ppm | As ppm | Sb ppm | Cu ppm | Pb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 526171 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 1m chip | thin bedded quartzite hanging wall of 526172 gouge-vein | 85 | 31.5 | 1175 | 90 | 231 | 380 | 2283 |
| 526172 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 30 cm chip | grey clay gouge with white, quartz, hanging wall of 526173 vein | 240 | 39.3 | 325 | 35 | 11 | 202 | 110 |
| 526173 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 50 cm chip | white, rusty to yellow quartz vein | 220 | 6.1 | 515 | 25 | 4 | 306 | 61 |
| 526174 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 50 cm chip | brown limonite-Mn oxidized siderite-quartz vein, weak sphalerite, galena, weak-moderate grey graphitic gouge in footwall of above | 1.32 | 116 | 5070 | 285 | 287 | 1.67 | 1.58 |
| 526175 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 60 cm chip | quartz-siderite vein, trace sphalerite, galena, some brown limonite-Mn, in footwall of above | 90 | 5.6 | 515 | 40 | 14 | 556 | 3834 |
| 526176 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 40cm chip | quartz stringered quartzite/phyllite , footwall of above | 65 | 1.1 | 115 | 10 | 3 | 118 | 115 |
| 526177 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 30 cm chip | brown limonite-Mn brecciated siderite-quartz vein, trace sphalerite, galena, in footwall of above | 265 | 45 | 835 | 60 | 54 | 1.76 | 4.35 |
| 526178 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 50 cm chip | brown limonite-Mn stained quartzite footwall with very trace sphalerite, galena | 70 | 9.2 | 455 | 35 | 108 | 2292 | 2577 |
| 526179 | Homestake Trench 6 | 490314 | 7086945 | 1329 | 1m chip | quartz stringered quartzite, footwall of above | 105 | 1.8 | 210 | 10 | 3 | 306 | 129 |
| 526180 | Homestake Trench 07-1 | 489740 | 7086631 | 1437 | grab | brown-black oxidized, heavy siderite vein subcrop | 30 | 0.2 | 170 | 10 | 5 | 102 | 2139 |
| 526181 | Homestake Trench 07-1 | 489740 | 7086631 | 1437 | grab | brown-black oxidized, icy subcrop from vein area | 25 | <0.2 | 95 | 5 | 5 | 64 | 981 |
| 526182 | Homestake Trench 07-1 | 489740 | 7086631 | 1437 | 2m chip | quartzite hanging wall with minor brown limonite-Mn and siderite on fractures | 25 | 1.0 | 100 | 5 | 5 | 322 | 392 |
| 526183 | Homestake Trench 07-1 | 489740 | 7086631 | 1437 | 1.5m chip | brown limonite-Mn stained siderite vein trend 025/70E in hanging wall of 526184 | 80 | 0.8 | 475 | 20 | 8 | 70 | 1200 |
| 526184 | Homestake Trench 07-1 | 489740 | 7086631 | 1437 | 50 cm chip | quartz vein | 25 | 0.4 | 55 | <5 | 3 | 28 | 81 |
| 526185 | Homestake Trench 07-1 | 489740 | 7086631 | 1437 | 1m chip | quartz and silicified quartzite on west side of vein | 80 | 0.6 | 85 | <5 | 4 | 54 | 278 |
| 526186 | Homestake Trench 07-1 | 489740 | 7086631 | 1437 | 50 cm chip | clay gouge, west side of 526185 | 65 | 0.8 | 85 | <5 | 7 | 174 | 183 |
| 526187 | Homestake Trench 07-1 | 489740 | 7086631 | 1437 | 70 cm | brown limonite-Mn stained vein west of 526186 | 40 | <0.2 | 35 | 5 | 3 | 46 | 664 |
| 526188 | Homestake Trench 07-1 | 489581 | 7086697 | 1410 | grab | 1mX0.5m quartz-quartz breccia boulder in quartzite host | 20 | <0.2 | 10 | <5 | 3 | 6 | 8 |
| 526189 | Homestake Trench 07-1 | 489600 | 7086696 | 1413 | grab | rusty quartz along bedding planes in graphitic phyllite and quartzite | 20 | 0.2 | 25 | <5 | 27 | 12 | 44 |

# APPENDIX III

## Geochemical Procedure

# Eco Tech Laboratory Ltd.
## GEOCHEMICAL PROCEDURES

## Analytical Method for

### *GEOCHEMICAL GOLD ANALYSIS*

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Samples unable to produce adequate minus 80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a pre-numbered bag.

The sample is weighed to 10/15/30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

### *GOLD ASSAYS*

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to -10 mesh. The sample is split through a Jones riffle until a -250 gram subsample is achieved. The subsample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize.

For gold, a 1/2 or 1.0 assay ton sample size is fire assayed using appropriate fluxes. The resultant dore bead is parted and then digested with aqua regia and then analyzed on a Perkin Elmer AA instrument.

Determinations for Au are completed by classical lead-collection fire assay on a 1 assay ton sample (30g). Analysis is by ICP after digestion of the dore bead.

Appropriate standards and repeat sample (Quality Control components) accompany the samples on the data sheet.

## Analytical Procedure Assessment Report

### *MULTI ELEMENT ICP ANALYSIS*

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Samples unable to produce adequate -80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with aqua regia which contains beryllium which acts as an internal standard. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

### *BASE METAL ASSAYS (Ag, Cu, Pb, Zn)*

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a pre-numbered bag.

A suitable sample weight is digested with aqua regia. The sample is allowed to cool, bulked up to a suitable volume and analyzed by an atomic absorption instrument, to .01 % detection limit.

Appropriate certified reference materials accompany the samples through the process providing accurate quality control.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.

# Acme Analytical Laboratories Ltd.
## GEOCHEMICAL PROCEDURES

## SAMPLE PREPARATION

**SOIL, SEDIMENT AND VEGETATION SAMPLES**
**SS80** Dry at 60°C, sieve (up to) 100 g to -80 mesh

**ROCK AND DRILL CORE**
**R150** Crush 1 kg to 70% passing 10 mesh, split 250g and pulverize to 95% passing 150 mesh
**M150** Crush, pulverize, sieve 500 g, save +150 and –150 mesh fractions for metallics analysis

## ICP-ES: ICP emission spectrometry
## ICP-MS ANALYSIS: ICP mass spectrometry analysis

## GROUPS 1D, 1DX: ICP-ES & ICP-MS ANALYSIS – AQUA REGIA

Sample splits of 0.5g are leached in hot (95°C) Aqua Regia. A larger split size (30g) is used for more representative Au analysis. Refractory and graphitic samples can limit Au solubility. Solubility of some elements* will be limited by mineral species present. A total of 36 elements are assayed in the ICP-MS analysis and 30 elements in the ICP-ES analysis (Ga, Hg, Sc, S , Tl and Sn are absent).
*** Al, B, Ba, Ca, Cr, Fe, Ga, Hg‡ K, La, Mg, Mn, Na, Sr, Th, Ti, Tl‡ U, V, W,**

## GROUP 3B & 3B-MS AU & PGMS BY FIRE GEOCHEM

A lead-collection fire-assay 30g fusion for total sample decomposition, digestion of the Ag dore bead and ICP-ES or ICP-MS (Group 3B-MS) analysis. Group 6 precious metals assay recommended for Au or PGMs over 1000 ppb.

### Group 3B-MS Detection Limits
**Au** 1 ppb, **Pt** 0.1 ppb, **Pd** 0.5 ppb, **(Rh)** (0.1 ppb)

Au* detection limit may vary due to natural contamination in commercial flux and sample size.
(Rh) available at client's request, results are qualitative to semi-quantitative depending on nature of samples.
**Note: Sulphide-rich samples require a 15g or smaller sample for proper fusion.**

## GROUP 6 PRECIOUS METALS ASSAY BY FIRE ASSAY

Highly precise determinations for Au, Ag, Pt and Pd by classical lead-collection fire assay on a 1 assay ton sample (29.2 g). Massive sulphide or Cr-rich matrix will require a reduced sample weight. Analysis is by ICP-ES after digestion of the dore bead.

## GROUP 7 MULTI-ELEMENT ASSAY BY ICP AND ICP-MS

The following multi-element assays provide optimum precision and accuracy for high-grade rock and drill core samples with a selection of digestion methods to best suit the ore type. Groups 7AR, 7TD and 7PF report %-level concentrations as determined by ICP emission spectrometry. Two new packages (Groups 7AX and 7TX) combine both ICP emission spectrometry and ICP mass spectrometry analysis to extend the lower detection limits and provide a broader spectrum of elements.

**Group 7AR –** Hot aqua regia digest on a 1 g split for base-metal sulphide and precious-metal ores. ICP-ES analysis.

Appropriate standards and repeat sample (Quality Control components) accompany the samples on the data sheet.

# APPENDIX IV

# Drill Results

| Ag, Au in red in g/t, Pb in red in % | | | | | **2008 RAB DRILL RESULTS** | | | | | | | Certificate #2008-1770 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Hole Number** | **Sample No.** | **Depth (ft)** | **Ag (g/t)** | **Au (ppb)** | **Pb (ppm)** | **Zn (ppm)** | **As (ppm)** | **Sb (ppm)** | **Cu (ppm)** | **Fe (%)** | **Mn (ppm)** | **Ca (%)** | **Mo ppm** | **Cd ppm** | **Co ppm** | **Cr ppm** |
| 08RCH001 | 9448 | 15-20 | 66.4 | 10 | 4794 | 1675 | 25 | 10 | 47 | 4.12 | >10000 | 0.02 | <1 | 51 | 11 | 7 |
| 08RCH001 | 9449 | 20-25 | 70.2 | <5 | 3570 | 1096 | 45 | <5 | 55 | 2.42 | 3239 | 0.01 | <1 | 13 | 5 | 5 |
| 08RCH002 | 9444 | 90-95 | 76.3 | 30 | 1.60 | 277 | 145 | 145 | 40 | 0.73 | 517 | <0.01 | <1 | 7 | 1 | 3 |
| 08RCH003 | 9419 | 60-65 | 198.0 | 225 | 1.75 | 4234 | 740 | 1230 | 170 | >10 | >10000 | 0.09 | <1 | 179 | 11 | 13 |
| 08RCH004 | 9339 | 0-10 | 214.0 | 295 | 9392 | 984 | 385 | 375 | 137 | 2.84 | 3723 | 0.02 | 1 | 22 | 3 | 7 |
| 08RCH004 | 9340 | 10-15 | 92.0 | 185 | 7528 | 1103 | 580 | 235 | 84 | 3.39 | 4488 | 0.02 | <1 | 27 | 6 | 6 |
| 08RCH004 | 9341 | 15-20 | 17.2 | 55 | 1740 | 967 | 700 | 45 | 56 | 3.41 | 707 | 0.01 | <1 | 17 | 5 | 4 |
| 08RCH004 | 9342 | 20-25 | 110.0 | 340 | 8950 | 3711 | 1920 | 125 | 277 | 9.46 | >10000 | 0.03 | <1 | 65 | 23 | 4 |
| 08RCH005 | 9329 | 0-10 | 4.3 | 5 | 626 | 325 | 130 | 5 | 20 | 1.26 | 379 | <0.01 | 17 | 11 | 2 | 7 |
| 08RCH005 | 9330 | 10-15 | 46.4 | 35 | 2886 | 701 | 240 | 75 | 49 | 2.50 | 2191 | 0.01 | 4 | 18 | 3 | 5 |
| 08RCH005 | 9331 | 15-20 | 67.8 | 35 | 3310 | 358 | 205 | 135 | 48 | 1.72 | 482 | <0.01 | <1 | 6 | 2 | 3 |
| 08RCH005 | 9332 | 20-25 | 118.0 | 55 | 5160 | 615 | 245 | 420 | 67 | 2.03 | 448 | <0.01 | <1 | 16 | 2 | 3 |
| 08RCH005 | 9333 | 25-30 | 60.3 | 15 | 2790 | 545 | 130 | 85 | 44 | 1.68 | 143 | <0.01 | 1 | 5 | 2 | 4 |
| 08RCH005 | 9334 | 30-35 | 58.1 | 45 | 3474 | 376 | 185 | 285 | 55 | 1.29 | 237 | <0.01 | <1 | 9 | 2 | 5 |
| 08RCH005 | 9337 | 45-50 | 13.8 | 5 | 1948 | 164 | 30 | 25 | 22 | 1.11 | 48 | <0.01 | 2 | 1 | 2 | 10 |
| 08RCH012 | 9208 | 65-70 | 37.9 | 10 | 476 | 795 | 20 | 45 | 104 | 1.97 | 4209 | 0.04 | <1 | 9 | 4 | 6 |
| 08RCH014 | 9159 | 10-15 | 58.1 | 30 | 3700 | 1309 | 245 | 95 | 72 | 3.77 | 5342 | 0.01 | <1 | 12 | 5 | 5 |
| 08RCH015 | 9144 | 30-35 | 69.8 | 130 | 7842 | 2739 | 535 | 105 | 89 | 6.96 | >10000 | 0.05 | <1 | 99 | 6 | 8 |
| 08RCH015 | 9148 | 50-55 | 0.3 | <5 | 34 | 337 | 5 | <5 | 44 | 3.43 | 150 | 0.06 | 2 | 2 | 6 | 10 |
| 08RCH015 | 9149 | 55-60 | 23.2 | 40 | 4032 | 1577 | 120 | 15 | 32 | 2.43 | >10000 | 0.03 | <1 | 86 | 6 | 8 |
| 08RCH015 | 9150 | 60-65 | 30.5 | 20 | 7476 | 1474 | 90 | 15 | 62 | 2.18 | >10000 | 0.05 | <1 | 60 | 6 | 15 |
| 08RCH016 | 9135 | 80-85 | 368.0 | 740 | 2.92 | 2977 | 1965 | 425 | 172 | 9.32 | >10000 | 0.03 | <1 | 44 | 8 | 5 |
| 08RCH016 | 9136 | 85-90 | 65.8 | 225 | 5304 | 1401 | 760 | 100 | 42 | 4.73 | 2249 | 0.01 | <1 | 28 | 14 | 5 |
| 08RCH016 | 9137 | 90-95 | 68.2 | 175 | 7876 | 1493 | 465 | 165 | 76 | 5.44 | 9589 | 0.02 | <1 | 27 | 62 | 13 |
| 08RCH016 | 9138 | 95-100 | 20.8 | 65 | 1820 | 450 | 185 | 30 | 154 | 2.02 | 936 | <0.01 | 7 | 7 | 197 | 39 |
| 08RHS038 | 7R54718 | 95-100 | 3.2 | 280 | 722 | 373 | 2525 | 25 | 14 | 1.99 | 224 | 0.08 | 1 | 350 | 14 | 3 |
| 08RHS038 | 7R54719 | 100-105 | 2.7 | 600 | 456 | 745 | 6515 | 55 | 36 | 3.91 | 1478 | 0.13 | 2 | 400 | 57 | 4 |
| 08RHS038 | 7R54720 | 105-110 | 1.6 | 290 | 238 | 671 | 3850 | 65 | 43 | 3.51 | 1144 | 0.11 | 2 | 480 | 38 | 5 |
| 08RHS038 | 7R54721 | 110-115 | 1.2 | 250 | 182 | 613 | 3275 | 45 | 29 | 2.92 | 1208 | 0.10 | 4 | 410 | 34 | 5 |
| 08RHS039 | 7R54728 | 35-40 | 10.6 | 1.72 | 1312 | 272 | 1.48% | 50 | 15 | 2.32 | 68 | 0.08 | 1 | 180 | 46 | 3 |
| 08RHS039 | 7R54729 | 40-45 | 11.7 | 1.17 | 1552 | 320 | 3915 | 70 | 19 | 1.34 | 166 | 0.13 | <1 | 190 | 19 | 3 |
| 08RHS039 | 7R54730 | 45-50 | 17.5 | 0.034 | 1532 | 1705 | 3925 | 85 | 60 | 3.77 | 1453 | 1.06 | <1 | 460 | 43 | 18 |
| 08RHS039 | 7R54731 | 50-55 | 10.4 | 250 | 446 | 2659 | 1485 | 55 | 122 | 6.45 | 6276 | 4.70 | <1 | 650 | 32 | 52 |
| 08RHS039 | 7R54732 | 55-60 | 15.1 | 465 | 548 | 2674 | 4020 | 70 | 102 | 5.78 | 4900 | 3.38 | <1 | 580 | 50 | 44 |
| 08RHS046 | 8R237544 | 20-25 | 70.3 | 20 | 1.17 | 4521 | 130 | 105 | 33 | >10 | >10000 | 0.33 | <1 | 300 | 56 | 5 |
| 08RHS047 | 8R237563 | 60-65 | 1.3 | 5 | 170 | 1185 | 155 | 5 | 10 | 1.66 | 1330 | 0.17 | <1 | 520 | 19 | 5 |
| 08RHS048 | 8R237577 | 55-60 | 2.4 | 175 | 286 | 527 | 655 | 15 | 8 | 1.54 | 196 | 0.05 | 1 | 290 | 25 | 2 |

| Au and Ag in red in g/t | | | | | **2008 DDH RESULTS** | | | | | | | | | | Pb and Zn in red in % | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | % | (ppm) | % | (ppm) | (ppm) | (ppm) | (ppm) |
| 08CH001 | 7R54689 | 33.3 | 34.3 | 1.0 | 23.8 | 35 | 1566 | 428 | 115 | 570 | 0.04 | 13 | 1.58 | 4527 | <1 | 170 | 32 |
| 08CH001 | 7R54690 | 34.3 | 34.5 | 0.2 | 958 | 780 | 8.44 | 1.22 | 2445 | 1005 | 0.08 | 911 | >10 | >10000 | <1 | 930 | 161 |
| 08CH001 | 7R54691 | 34.5 | 35.3 | 0.8 | 21.2 | 65 | 1038 | 871 | 545 | 25 | <0.01 | 13 | 1.33 | 1049 | <1 | 200 | 14 |
| 08CH002 | 7R54694 | 17.7 | 18.6 | 0.9 | 13.9 | 25 | 354 | 434 | 220 | 50 | 0.03 | 31 | 1.60 | 117 | <1 | 380 | 3 |
| 08CH002 | 7R54695 | 18.6 | 19.8 | 1.2 | 432 | 995 | 4.17 | 2140 | 4735 | 1495 | 0.02 | 211 | 7.90 | 2000 | <1 | 610 | 36 |
| 08CH002 | 7R54696 | 19.8 | 21.0 | 1.2 | 3.1 | 20 | 466 | 298 | 280 | 30 | <0.01 | 5 | 1.37 | 107 | <1 | 200 | 4 |
| 08CH002 | 7R54699 | 28.9 | 29.8 | 0.9 | 45.6 | 210 | 4376 | 1200 | 1335 | 65 | 0.01 | 29 | 3.56 | 827 | <1 | 320 | 18 |
| 08CH002 | 7R54700 | 29.8 | 30.0 | 0.2 | 52.3 | 165 | 9242 | 1949 | 3130 | 60 | 0.03 | 51 | 4.10 | 3248 | <1 | 130 | 28 |
| 08CH002 | 7R54703 | 30.0 | 31.4 | 1.4 | 120 | 185 | 9100 | 1870 | 2085 | 125 | 0.03 | 64 | 3.21 | 3858 | <1 | 130 | 38 |
| 08CH002 | 7R54651 | 71.8 | 72.9 | 1.1 | 12.7 | 40 | 318 | 4.86 | 235 | 50 | 0.07 | 58 | 3.49 | 9986 | 2 | 450 | >1000 |
| 08CH003 | 7R54652 | 20.4 | 21.3 | 0.9 | 4.2 | 45 | 916 | 889 | 230 | 25 | <0.01 | 25 | 1.86 | 575 | 2 | 420 | 23 |
| 08CH004 | 7R54653 | 33.6 | 34.6 | 1.0 | 84.2 | 590 | 6406 | 3880 | 3165 | 145 | 0.03 | 244 | 9.60 | 1849 | <1 | 390 | 39 |
| 08CH005 | 7R54654 | 34.0 | 35.0 | 1.0 | 64.3 | 55 | 1.00 | 1842 | 210 | 570 | 0.01 | 235 | 4.84 | >10000 | <1 | 350 | 30 |
| 08CH005 | 7R54655 | 35.0 | 35.5 | 0.5 | 1046 | 765 | 3.39 | 1.44 | 1410 | 3040 | 0.02 | 824 | >10 | >10000 | <1 | 650 | 281 |
| 08CH005 | 7R54656 | 35.5 | 36.0 | 0.5 | 32.2 | 20 | 1116 | 4672 | 995 | 45 | 0.01 | 32 | 8.21 | >10000 | <1 | 180 | 123 |
| 08CH005 | 7R54657 | 36.0 | 36.6 | 0.6 | 31.2 | 30 | 1424 | 692 | 400 | 35 | <0.01 | 24 | 1.76 | 1543 | <1 | 130 | 18 |
| 08CH005 | 7R54658 | 36.6 | 37.2 | 0.6 | 24.8 | 15 | 1750 | 1396 | 480 | 30 | <0.01 | 26 | 3.86 | 6651 | 2 | 190 | 27 |
| 08CH005 | 7R54659 | 37.2 | 37.5 | 0.3 | 15.4 | 10 | 996 | 345 | 230 | 15 | <0.01 | 14 | 1.20 | 614 | <1 | 140 | 12 |
| 08CH005 | 7R54662 | 95.0 | 96.0 | 1.0 | 1.9 | 30 | 70 | 23 | 260 | <5 | <0.01 | 3 | 0.37 | 51 | 2 | 60 | 2 |
| 08CH005 | 7R54663 | 96.0 | 96.5 | 0.5 | 1.9 | 30 | 98 | 37 | 295 | 5 | <0.01 | 4 | 0.63 | 26 | <1 | 130 | 5 |
| 08CH005 | 7R54664 | 96.5 | 96.8 | 0.3 | 2.3 | 35 | 60 | 312 | 990 | 5 | <0.01 | 31 | 1.38 | 912 | 2 | 220 | 14 |
| 08CH005 | 7R54665 | 96.8 | 97.3 | 0.5 | 1.3 | 295 | 68 | 186 | 1045 | 5 | 0.11 | 30 | 1.29 | 158 | <1 | 220 | 8 |
| 08CH005 | 7R54666 | 97.3 | 98.2 | 0.9 | 0.8 | 15 | 26 | 91 | 255 | <5 | 0.03 | 9 | 0.57 | 50 | <1 | 160 | 3 |
| 08CH005 | 7R54667 | 98.2 | 98.7 | 0.5 | 1.4 | 30 | 96 | 61 | 210 | <5 | <0.01 | 5 | 0.45 | 57 | <1 | 40 | 1 |
| 08CH005 | 7R54668 | 98.7 | 99.2 | 0.5 | 1.2 | 50 | 70 | 31 | 65 | <5 | <0.01 | 4 | 0.34 | 27 | <1 | 20 | <1 |
| 08CH005 | 7R54669 | 99.2 | 99.7 | 0.5 | 1.1 | 5 | 18 | 19 | 50 | <5 | <0.01 | 3 | 0.28 | 23 | <1 | 30 | 1 |
| 08CH005 | 7R54670 | 99.7 | 100.6 | 0.9 | 1.0 | 275 | 22 | 51 | 315 | <5 | <0.01 | 5 | 0.62 | 36 | <1 | 70 | 5 |
| 08CH005 | 7R54671 | 100.7 | 101.7 | 1.0 | 11.7 | 40 | 56 | 83 | 125 | <5 | 0.03 | 32 | 1.35 | 148 | 5 | 260 | 2 |
| 08CH005 | 7R54672 | 101.7 | 102.2 | 0.5 | 0.8 | 10 | 12 | 22 | 160 | <5 | <0.01 | 7 | 0.38 | 19 | <1 | 110 | <1 |
| 08CH006 | 7R54673 | 34.6 | 35.1 | 0.5 | 88.7 | 65 | 5542 | 2219 | 1395 | 115 | 0.02 | 71 | 7.24 | >10000 | <1 | 390 | 22 |
| 08CH006 | 7R54674 | 35.1 | 35.6 | 0.5 | 98.3 | 45 | 5318 | 3928 | 320 | 110 | 0.01 | 112 | 7.91 | >10000 | <1 | 200 | 80 |
| 08CH006 | 7R54675 | 35.6 | 36.1 | 0.5 | 19.2 | 30 | 856 | 2569 | 525 | 35 | 0.01 | 54 | 5.74 | >10000 | <1 | 260 | 78 |
| 08CH006 | 7R54676 | 36.1 | 36.6 | 0.5 | 78.4 | 85 | 1574 | 1923 | 640 | 80 | <0.01 | 133 | 5.17 | 9587 | <1 | 250 | 54 |
| 08CH006 | 7R54677 | 36.6 | 37.1 | 0.5 | 18.2 | 200 | 1106 | 2720 | 910 | 45 | <0.01 | 56 | 6.31 | 6580 | <1 | 240 | 44 |
| 08CH006 | 7R54678 | 37.1 | 37.6 | 0.5 | 136 | 290 | 6236 | 6305 | 1825 | 85 | <0.01 | 121 | >10 | >10000 | <1 | 480 | 47 |
| 08CH006 | 7R54679 | 37.6 | 38.1 | 0.5 | 68.2 | 355 | 3908 | 3484 | 1440 | 35 | <0.01 | 64 | >10 | >10000 | <1 | 490 | 34 |
| 08CH006 | 7R54680 | 38.1 | 38.6 | 0.5 | 12.0 | 115 | 1802 | 1.29 | 1045 | 225 | 0.03 | 86 | >10 | >10000 | <1 | 460 | 371 |
| 08CH006 | 7R54681 | 38.6 | 39.2 | 0.6 | 118 | 450 | 2.32 | 7701 | 2150 | 275 | <0.01 | 180 | >10 | >10000 | <1 | 370 | 201 |
| 08CH006 | 7R54682 | 39.2 | 39.4 | 0.2 | 15.5 | 145 | 2840 | 553 | 1055 | 25 | <0.01 | 8 | 2.60 | 191 | <1 | 170 | 26 |

| Au and Ag in red in g/t | | | | | 2008 DDH RESULTS | | | | | | | | | | | Pb and Zn in red in % | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) |
| 08CH006 | 7R54685 | 61.7 | 62.2 | 0.5 | 0.8 | 20 | 26 | 139 | 85 | <5 | 0.01 | 2 | 1.78 | 4194 | <1 | 140 | 2 |
| 08CH006 | 7R54686 | 62.2 | 62.8 | 0.6 | 1.3 | 30 | 58 | 398 | 340 | 5 | <0.01 | 5 | 3.27 | 2962 | <1 | 240 | 8 |
| 08HS001 | 09385 | 54.3 | 54.9 | 0.6 | 0.7 | 20 | 120 | 445 | 175 | 20 | 0.04 | 4 | 2.32 | 5019 | 2 | 120 | 7 |
| 08HS001 | 09386 | 54.9 | 56.4 | 1.5 | 6.1 | 95 | 494 | 1306 | 595 | 35 | 0.09 | 10 | 5.17 | >10000 | 1 | 240 | 16 |
| 08HS002 | 09389 | 62.8 | 64.1 | 1.3 | 1.5 | <5 | 78 | 307 | 145 | 10 | 0.88 | 12 | 1.51 | 742 | 2 | 520 | 1 |
| 08HS002 | 09390 | 64.1 | 65.6 | 1.5 | 2.3 | 100 | 298 | 1116 | 310 | <5 | 0.10 | 7 | 1.70 | 4641 | 3 | 140 | 10 |
| 08HS002 | 09391 | 65.6 | 66.1 | 0.5 | 2.2 | 20 | 640 | 1344 | 495 | 10 | 0.83 | 12 | 2.68 | 2342 | 4 | 1040 | 11 |
| 08HS003 | 09394 | 37.5 | 38.5 | 1.0 | 0.9 | 130 | 24 | 264 | 945 | <5 | 0.59 | 9 | 2.24 | 459 | 2 | 680 | <1 |
| 08HS003 | 09395 | 38.5 | 39.3 | 0.8 | 17.1 | 65 | 142 | 870 | 600 | 70 | 4.09 | 174 | 6.15 | 6009 | 4 | 930 | 8 |
| 08HS003 | 09397 | 39.3 | 40.6 | 1.3 | 54.2 | 45 | 744 | 623 | 270 | 145 | 2.44 | 222 | 5.60 | 5151 | 3 | 930 | 7 |
| 08HS003 | 09398 | 43.8 | 44.5 | 0.7 | 1.1 | 40 | <2 | 168 | 415 | 10 | 3.39 | 16 | 5.95 | >10000 | <1 | 250 | <1 |
| 08HS003 | 8R237735 | 67.4 | 68.9 | 1.5 | 7.8 | 135 | 940 | 2655 | 1170 | 45 | 4.82 | 23 | 3.95 | 4313 | 2 | 490 | 21 |
| 08HS004 | 8R237651 | 42.8 | 44.2 | | 2.4 | 375 | 52 | 2792 | 2035 | 80 | 4.91 | 15 | 6.57 | 9431 | 9 | 500 | 25 |
| 08HS004A | 8R237654 | 44.3 | 45.8 | 1.5 | 0.9 | 275 | 24 | 1320 | 775 | 35 | 4.55 | 6 | 3.91 | 8017 | 4 | 420 | 12 |
| 08HS004A | 8R237657 | 45.8 | 46.9 | 1.1 | 3.9 | 40 | 8 | 619 | 280 | 35 | 4.13 | 22 | 5.44 | 4436 | 4 | 330 | 3 |
| 08HS004A | 8R237658 | 46.9 | 47.3 | 0.4 | 0.6 | 30 | 8 | 696 | 280 | 15 | 0.19 | 4 | 2.37 | 957 | 4 | 150 | 2 |
| 08HS004A | 8R237659 | 47.3 | 48.9 | 1.6 | <0.2 | 5 | <2 | 708 | 115 | 10 | 0.10 | 4 | 1.32 | 1910 | 3 | 70 | 7 |
| 08HS004A | 8R237662 | 50.0 | 50.5 | 0.5 | 0.5 | 20 | 34 | 174 | 170 | <5 | 0.23 | 4 | 0.83 | 120 | 1 | 300 | <1 |
| 08HS004A | 8R237665 | 75.0 | 76.2 | 1.2 | 7.4 | 135 | 3042 | 1196 | 190 | 35 | 0.89 | 54 | 1.00 | 438 | 4 | 200 | 9 |
| 08HS004A | 8R237666 | 76.2 | 77.4 | 1.2 | 13.7 | 475 | 5662 | 424 | 775 | 80 | 0.06 | 53 | 2.11 | 86 | 3 | 310 | 3 |
| 08HS004A | 8R237669 | 77.4 | 78.5 | 1.1 | 0.7 | 120 | 102 | 233 | 540 | 25 | 0.06 | 8 | 0.96 | 58 | 1 | 270 | 7 |
| 08HS004A | 8R237670 | 78.5 | 79.8 | 1.3 | 0.5 | 40 | 38 | 1000 | 475 | 20 | 0.12 | 12 | 0.84 | 294 | 3 | 200 | 8 |
| 08HS004A | 8R237671 | 79.8 | 80.1 | 0.3 | 62.8 | 3.91 | 2.67 | 7590 | 1.1 | 3035 | 0.33 | 105 | 5.90 | 1412 | 23 | 930 | 104 |
| 08HS004A | 8R237674 | 80.1 | 80.6 | 0.5 | 1.4 | 70 | 122 | 7244 | 675 | 105 | 1.39 | 20 | 2.11 | 691 | 20 | 560 | 44 |
| 08HS004A | 8R237675 | 81.7 | 82.2 | 0.5 | 0.6 | 30 | 42 | 298 | 185 | 55 | 0.18 | 6 | 0.85 | 79 | 2 | 130 | 2 |
| 08HS005 | 8R237678 | 10.9 | 11.3 | 0.4 | 35.4 | 130 | 346 | 989 | 1280 | 165 | 0.18 | 202 | >10 | >10000 | <1 | 450 | 9 |
| 08HS005 | 8R237679 | 32.0 | 32.9 | 0.9 | 1.0 | 30 | 64 | 338 | 170 | 10 | 7.87 | 3 | 1.14 | 1232 | 1 | 360 | 4 |
| 08HS005 | 8R237680 | 46.4 | 46.5 | 0.1 | 0.6 | 10 | 48 | 1050 | 85 | 5 | 0.62 | 4 | 0.99 | 291 | 4 | 430 | 10 |
| 08HS005 | 8R237681 | 49.5 | 49.6 | 0.1 | 1.2 | 290 | 96 | 1119 | 1020 | 20 | 0.83 | 6 | 2.72 | 373 | 4 | 470 | 5 |
| 08HS005 | 8R237682 | 51.8 | 52.0 | 0.2 | 11.1 | 485 | 208 | 1906 | 2020 | 30 | 0.68 | 45 | 3.50 | 367 | 10 | 730 | 14 |
| 08HS005 | 8R237683 | 57.1 | 58.0 | 0.9 | 0.8 | 125 | 46 | 307 | 690 | 40 | >10 | 6 | 8.40 | >10000 | 3 | 130 | 5 |
| 08HS005 | 8R237684 | 58.0 | 59.3 | 1.3 | 1.1 | 25 | <2 | 412 | 170 | <5 | 5.82 | 10 | >10 | >10000 | 1 | 540 | 4 |
| 08HS005 | 8R237685 | 59.3 | 59.4 | 0.1 | 1.6 | 220 | 300 | 591 | 90 | 15 | 3.98 | 5 | 2.85 | 3363 | 3 | 90 | 10 |
| 08HS005 | 8R237686 | 59.4 | 59.6 | 0.2 | 0.8 | 5 | 32 | 164 | 35 | <5 | 0.73 | 7 | 0.67 | 297 | 1 | 280 | 2 |
| 08HS005 | 8R237687 | 59.6 | 60.0 | 0.4 | 9.3 | 15 | 64 | 631 | 365 | 40 | 1.49 | 412 | >10 | 7060 | 5 | 1930 | 6 |
| 08HS006 | 8R237736 | 67.3 | 68.6 | 1.3 | 3.6 | 10 | 542 | 739 | 375 | 25 | 1.33 | 23 | 2.78 | 236 | 2 | 1970 | 17 |
| 08HS006 | 8R237737 | 75.8 | 77.7 | 1.9 | 0.5 | 5 | 6 | 225 | 330 | 35 | 2.80 | 481 | >10 | 1925 | <1 | 2910 | 3 |
| 08HS006 | 8R237690 | 77.7 | 78.3 | 0.6 | 0.3 | <5 | 32 | 195 | 175 | 15 | 0.96 | 415 | >10 | 1740 | 4 | 2860 | 2 |
| 08HS006 | 8R237691 | 88.8 | 89.0 | 0.2 | <0.2 | <5 | 20 | 65 | 20 | 10 | >10 | 3 | 5.60 | 1812 | 2 | 160 | <1 |

| Au and Ag in red in g/t | | | | | 2008 DDH RESULTS | | | | | | | Pb and Zn in red in % | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) |
| 08HS006 | 8R237692 | 96.7 | 97.5 | 0.8 | 2.5 | 365 | 30 | 223 | 2045 | 70 | 1.94 | 20 | 1.98 | 1834 | 2 | 210 | <1 |
| 08HS006 | 8R237693 | 97.5 | 98.6 | 1.1 | 0.4 | 65 | 20 | 107 | 465 | 20 | 2.26 | 3 | 1.46 | 1878 | 1 | 220 | <1 |
| 08HS006 | 8R237694 | 98.6 | 99.7 | 1.1 | 0.4 | 345 | 4 | 367 | 1770 | 60 | 5.45 | 3 | 3.31 | 4606 | 2 | 470 | 1 |
| 08HS006 | 8R237695 | 108.9 | 109.2 | 0.3 | 0.3 | 15 | 14 | 97 | 160 | 5 | 0.51 | 3 | 1.06 | 194 | 1 | 160 | <1 |
| 08HS007 | 8R237696 | 27.0 | 27.4 | 0.4 | 0.8 | 50 | 14 | 53 | 825 | <5 | 0.27 | 17 | 2.53 | 83 | 2 | 730 | <1 |
| 08HS007 | 8R237697 | 27.4 | 28.5 | 1.1 | 0.4 | 10 | 8 | 39 | 105 | <5 | 0.07 | 8 | 1.06 | 28 | 1 | 320 | <1 |
| 08HS007 | 8R237698 | 46.9 | 47.2 | 0.3 | 1.1 | <5 | 14 | 172 | 50 | 5 | 5.56 | 10 | 2.00 | 2750 | 1 | 510 | 2 |
| 08HS007 | 8R237699 | 47.2 | 48.8 | 1.6 | 0.6 | <5 | 16 | 110 | 70 | <5 | 5.07 | 30 | 2.21 | 978 | 2 | 640 | <1 |
| 08HS007 | 8R237700 | 48.8 | 49.1 | 0.3 | 0.4 | <5 | 12 | 56 | 45 | 5 | 4.41 | 10 | 1.81 | 385 | 1 | 530 | <1 |
| 08HS008 | 8R237701 | 19.8 | 20.9 | 1.1 | 7.4 | 5 | 196 | 97 | 50 | 15 | 2.93 | 31 | 3.11 | 291 | 2 | 1190 | 1 |
| 08HS008 | 8R237702 | 20.9 | 21.6 | 0.7 | 2.2 | 5 | 56 | 48 | 50 | 5 | 2.03 | 12 | 1.66 | 164 | 1 | 550 | <1 |
| 08HS008 | 8R237703 | 26.1 | 27.4 | 1.3 | 0.3 | 10 | 12 | 37 | 160 | <5 | 0.41 | 8 | 1.26 | 81 | <1 | 320 | <1 |
| 08HS008 | 8R237704 | 27.4 | 29.0 | 1.6 | 0.9 | 5 | 30 | 126 | 115 | <5 | 0.28 | 16 | 1.77 | 61 | 2 | 750 | 2 |
| 08HS008 | 8R237705 | 35.1 | 36.8 | 1.7 | 0.8 | 10 | 22 | 138 | 55 | 5 | 3.02 | 5 | 1.03 | 387 | 1 | 460 | 2 |
| 08HS008 | 8R237706 | 36.8 | 37.8 | 1.0 | 0.8 | 10 | 32 | 1259 | 25 | 5 | 2.57 | 4 | 1.46 | 2458 | 4 | 230 | 15 |
| 08HS008 | 8R237707 | 38.0 | 39.2 | 1.2 | 1.2 | <5 | 76 | 439 | 55 | <5 | 1.86 | 6 | 1.48 | 1356 | 2 | 420 | 5 |
| 08HS008 | 8R237708 | 39.2 | 40.2 | 1.0 | 6.5 | 10 | 128 | 913 | 110 | 15 | 2.55 | 23 | 2.11 | 1811 | 4 | 820 | 12 |
| 08HS008 | 8R237709 | 52.0 | 52.3 | 0.3 | 0.5 | 5 | 16 | 93 | 50 | <5 | 6.09 | 7 | 1.42 | 836 | <1 | 630 | 1 |
| 08HS009 | 8R237710 | 29.2 | 30.5 | 1.3 | 1.0 | 10 | 40 | 198 | 220 | <5 | 0.15 | 8 | 1.22 | 329 | 1 | 540 | 2 |
| 08HS009 | 8R237711 | 39.6 | 40.5 | 0.9 | 16.8 | 325 | 3692 | 106 | 3050 | 50 | 0.03 | 46 | 0.52 | 33 | <1 | 90 | 3 |
| 08HS009 | 8R237712 | 40.5 | 40.9 | 0.4 | 98.3 | 3.30 | 4.29 | 8279 | 4110 | 395 | 0.73 | 1274 | >10 | >10000 | <1 | 360 | 343 |
| 08HS009 | 8R237713 | 40.9 | 42.2 | 1.3 | 27.3 | *530 | 8252 | 2361 | 3320 | 320 | 0.14 | 409 | 4.51 | 2937 | <1 | 630 | 103 |
| 08HS009 | 8R237714 | 42.2 | 42.6 | 0.4 | 4.0 | 705 | 852 | 98 | 805 | 75 | 0.04 | 14 | 0.42 | 47 | <1 | 80 | 5 |
| 08HS009 | 8R237715 | 42.6 | 42.7 | 0.1 | 54.6 | 2.49 | 2118 | 1.75 | 1.763 | 2505 | 0.57 | 584 | >10 | >10000 | <1 | 1220 | 514 |
| 08HS009 | 8R237716 | 42.7 | 43.7 | 1.0 | 2.8 | 230 | 2222 | 201 | 705 | 585 | 0.02 | 17 | 0.66 | 113 | <1 | 40 | 18 |
| 08HS009 | 8R237719 | 43.7 | 44.1 | 0.4 | 232 | 1.32 | 6.43 | 985 | 8460 | 1.29 | 0.05 | 258 | 2.75 | 164 | <1 | 270 | 275 |
| 08HS009 | 8R237720 | 44.1 | 45.0 | 0.9 | 54.6 | 2.3 | 3.07 | 202 | >10000 | 9800 | 0.02 | 58 | 2.04 | 33 | <1 | 90 | 48 |
| 08HS010 | 8R237721 | 82.2 | 82.4 | 0.2 | 3.7 | 550 | 414 | 671 | 6710 | 75 | 4.47 | 14 | 5.71 | 3359 | <1 | 360 | 9 |
| 08HS010 | 8R237722 | 82.4 | 85.5 | 3.1 | 1.1 | 10 | 134 | 68 | 60 | 10 | 0.02 | 5 | 0.42 | 32 | <1 | 160 | <1 |
| 08HS010 | 8R237723 | 85.5 | 86.2 | 0.7 | 2.8 | 50 | 918 | 75 | 85 | 10 | 0.02 | 5 | 0.38 | 28 | 1 | 120 | 1 |
| 08HS010 | 8R237724 | 86.2 | 87.9 | 1.7 | 3.2 | 25 | 242 | 540 | 285 | 10 | 0.03 | 8 | 1.23 | 184 | 3 | 340 | 16 |
| 08HS010 | 8R237725 | 87.9 | 88.8 | 0.9 | 0.5 | 5 | 24 | 2156 | 120 | 5 | 0.54 | 13 | 1.73 | 1977 | 7 | 860 | 10 |
| 08HS011 | 8R237728 | 48.5 | 49.0 | 0.5 | 1.0 | 20 | 84 | 326 | 120 | <5 | 0.08 | 5 | 0.93 | 427 | 4 | 180 | 5 |
| 08HS011 | 8R237729 | 49.0 | 50.3 | 1.3 | 1.2 | 30 | 166 | 711 | 380 | <5 | 0.06 | 14 | 2.47 | 1860 | 4 | 580 | 15 |
| 08HS011 | 8R237730 | 50.3 | 50.8 | 0.5 | 1.1 | 5 | 152 | 794 | 140 | 25 | 0.97 | 7 | 1.13 | 2253 | 3 | 360 | 11 |
| 08HS011 | 8R237731 | 109.7 | 110.7 | 1.0 | 0.5 | 200 | 18 | 538 | 1235 | 10 | 0.73 | 7 | 2.21 | 971 | 2 | 320 | 3 |

| Au and Ag in red in g/t | | | | | | | 2010 DDH RESULTS | | | | | | | | | | Pb and Zn in red in % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) |
| SB10-001 | 113001 | 7.00 | 8.70 | 1.70 | <0.1 | <0.5 | 10.3 | 64 | 10.4 | 2.8 | 0.03 | 104.5 | 2.45 | 442 | 8 | 0.028 | 0.2 |
| SB10-001 | 113002 | 8.70 | 10.67 | 1.97 | 0.1 | <0.5 | 19.5 | 63 | 26.7 | 6 | 0.01 | 44.4 | 3.34 | 134 | 6.3 | 0.071 | 0.2 |
| SB10-001 | 113003 | 12.19 | 13.72 | 1.53 | 1.8 | 17 | 581.2 | 104 | 1102.6 | 5.9 | 0.14 | 51 | 1.44 | 83 | 0.4 | 0.023 | 1 |
| SB10-001 | 113004 | 13.72 | 15.24 | 1.52 | 2.6 | 16.3 | 578.3 | 138 | 1009.7 | 3.5 | 0.13 | 62.1 | 0.8 | 99 | 0.3 | 0.013 | 0.8 |
| SB10-001 | 113005 | 15.24 | 16.76 | 1.52 | 3.6 | 51.9 | 269.7 | 196 | 907.3 | 4.5 | 0.17 | 37.2 | 0.52 | 318 | 0.2 | 0.009 | 1.9 |
| SB10-001 | 113006 | 16.76 | 18.29 | 1.53 | 0.7 | 31.4 | 102.8 | 467 | 1470.1 | 4.1 | 1.35 | 7.3 | 0.64 | 1358 | 0.2 | 0.01 | 3.6 |
| SB10-001 | 113007 | 18.29 | 19.81 | 1.52 | 1.6 | 30.9 | 227.2 | 449 | 452.6 | 6.3 | 1.33 | 6.5 | 0.66 | 1292 | 0.6 | 0.01 | 2.3 |
| SB10-001 | 113008 | 19.81 | 21.34 | 1.53 | 2 | 27.1 | 52.5 | 1151 | 490.4 | 8 | 0.19 | 69.5 | 1.63 | 2927 | 2.5 | 0.029 | 18 |
| SB10-001 | 113009 | 21.34 | 22.86 | 1.52 | 1.1 | 28.3 | 54 | 230 | 514 | 7.9 | 0.03 | 23.6 | 1.16 | 38 | 0.4 | 0.017 | 0.5 |
| SB10-001 | 113010 | 22.86 | 24.00 | 1.14 | 2.1 | 22.6 | 168.5 | 87 | 354.6 | 6.1 | 0.01 | 8.3 | 0.94 | 42 | 0.8 | 0.013 | 0.6 |
| SB10-001 | 113011 | 24.00 | 25.31 | 1.31 | 1 | 6.2 | 193.7 | 76 | 216.2 | 6.1 | <0.01 | 9.4 | 0.98 | 42 | 0.7 | 0.016 | 0.5 |
| SB10-001 | 113012 | 25.31 | 26.80 | 1.49 | 0.2 | <0.5 | 49 | 129 | 41.9 | 1 | <0.01 | 16.9 | 1.03 | 106 | 0.1 | 0.012 | 0.4 |
| SB10-001 | 113013 | 26.80 | 28.50 | 1.70 | 0.5 | 1.6 | 65.2 | 194 | 40.9 | 1.7 | <0.01 | 12.2 | 1.11 | 325 | 0.4 | 0.022 | 0.8 |
| SB10-001 | 113015 | 28.50 | 30.48 | 1.98 | 0.3 | <0.5 | 11.5 | 160 | 6.7 | 2.7 | 0.12 | 19.2 | 2.01 | 154 | 0.6 | 0.039 | 2.4 |
| SB10-001 | 113017 | 30.48 | 32.00 | 1.52 | 0.5 | 2.6 | 32.5 | 112 | 7.8 | 1.9 | 0.2 | 13.1 | 1.16 | 262 | 0.3 | 0.027 | 1.2 |
| SB10-001 | 113018 | 54.86 | 56.39 | 1.53 | 0.3 | 1 | 86.4 | 146 | 6.3 | 0.9 | 0.02 | 2 | 0.66 | 541 | 0.1 | 0.019 | 2.1 |
| SB10-001 | 113020 | 56.39 | 57.91 | 1.52 | 0.4 | 1.8 | 34.5 | 65 | 26.7 | 1.7 | 0.02 | 2.1 | 1.07 | 92 | 0.3 | 0.043 | 0.2 |
| SB10-001 | 113021 | 57.91 | 59.44 | 1.53 | 0.7 | 2.6 | 79.9 | 41 | 7.6 | 1.8 | <0.01 | 2.9 | 0.63 | 50 | 0.5 | 0.01 | <0.1 |
| SB10-001 | 113022 | 59.44 | 60.96 | 1.52 | 0.7 | 0.5 | 290.6 | 1473 | 4.1 | 1.6 | 0.83 | 6.4 | 2.54 | 8897 | 0.3 | 0.036 | 16.5 |
| SB10-001 | 113023 | 60.96 | 62.48 | 1.52 | 0.6 | 0.7 | 101.8 | 286 | 10.2 | 3.1 | 0.08 | 9.6 | 1.67 | 2049 | 0.3 | 0.059 | 2.8 |
| SB10-001 | 113024 | 62.48 | 64.01 | 1.53 | 0.4 | <0.5 | 22.2 | 131 | 9.1 | 3.2 | 0.27 | 7.4 | 1.01 | 267 | 0.5 | 0.029 | 1.5 |
| SB10-001 | 113025 | 64.01 | 65.53 | 1.52 | 0.2 | <0.5 | 11.9 | 54 | 4.6 | 2.1 | 0.37 | 6.1 | 0.74 | 174 | 0.3 | 0.036 | 0.7 |
| SB10-001 | 113026 | 65.53 | 67.06 | 1.53 | 0.2 | <0.5 | 7.5 | 49 | 3.9 | 1.6 | 0.87 | 7.8 | 1.04 | 145 | 0.4 | 0.031 | 0.5 |
| SB10-001 | 113027 | 67.06 | 68.58 | 1.52 | 0.2 | <0.5 | 6.5 | 49 | 6.7 | 2 | 0.09 | 10.9 | 1.52 | 111 | 0.4 | 0.031 | 0.3 |
| SB10-001 | 113030 | 68.58 | 70.10 | 1.52 | 1.3 | <0.5 | 16.6 | 76 | 13.2 | 4.1 | 0.17 | 44.6 | 2.75 | 141 | 2.4 | 0.058 | 0.4 |
| SB10-001 | 113031 | 70.10 | 71.63 | 1.53 | 0.2 | 0.7 | 8.3 | 51 | 0.9 | 1.4 | 0.13 | 3.8 | 0.88 | 137 | 0.3 | 0.037 | 0.4 |
| SB10-001 | 113032 | 71.63 | 73.15 | 1.52 | 0.2 | <0.5 | 17.2 | 69 | 2.2 | 1.1 | 0.04 | 3.6 | 0.51 | 221 | 0.2 | 0.017 | 0.7 |
| SB10-001 | 113033 | 73.15 | 74.68 | 1.53 | 0.2 | 0.9 | 5.6 | 79 | 1.7 | 0.9 | 0.05 | 4.1 | 0.68 | 221 | 0.2 | 0.021 | 0.8 |
| SB10-001 | 113034 | 74.68 | 76.60 | 1.92 | 0.2 | 1.3 | 21.7 | 75 | 17.5 | 2.9 | 0.1 | 17.4 | 2.66 | 102 | 0.8 | 0.062 | 1.1 |
| SB10-001 | 113035 | 76.60 | 77.72 | 1.12 | 0.3 | 1.1 | 5 | 153 | 72.2 | 1.3 | 3.75 | 138.6 | 5.25 | 864 | 0.4 | 0.066 | 1.4 |
| SB10-001 | 113036 | 77.72 | 79.25 | 1.53 | 0.3 | <0.5 | 3.4 | 219 | 34.3 | 1.2 | 1.64 | 88.1 | 3.99 | 810 | 0.3 | 0.046 | 1.9 |
| SB10-001 | 113037 | 79.25 | 80.97 | 1.72 | 0.2 | 0.7 | 5.1 | 220 | 30 | 2 | 0.33 | 34.3 | 1.91 | 623 | 0.3 | 0.025 | 1.9 |
| SB10-001 | 113038 | 80.97 | 82.30 | 1.33 | <0.1 | <0.5 | 3.6 | 46 | 14.3 | 0.7 | 0.02 | 3.1 | 0.48 | 50 | 0.2 | 0.011 | 0.3 |
| SB10-001 | 113039 | 82.30 | 83.82 | 1.52 | 0.3 | 1 | 14 | 190 | 37 | 2.6 | 0.22 | 8.8 | 1.31 | 172 | 0.3 | 0.071 | 1.8 |
| SB10-001 | 113040 | 83.82 | 85.34 | 1.52 | 0.2 | <0.5 | 6.2 | 110 | 4.6 | 1.4 | 0.24 | 4.5 | 0.92 | 337 | 0.2 | 0.026 | 1 |
| SB10-001 | 113041 | 85.34 | 86.87 | 1.53 | <0.1 | 0.7 | 3.6 | 35 | 10.9 | 0.6 | 0.02 | 3.6 | 0.57 | 50 | 0.2 | 0.012 | 0.2 |
| SB10-001 | 113042 | 86.87 | 87.80 | 0.93 | 0.3 | <0.5 | 11.3 | 68 | 24.6 | 1.3 | 0.03 | 11.5 | 1.04 | 49 | 0.4 | 0.028 | 0.2 |

| Au and Ag in red in g/t | | | | | 2010 DDH RESULTS | | | | | | | | | | Pb and Zn in red in % | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) |
| SB10-001 | 113043 | 87.80 | 88.39 | 0.59 | 0.2 | <0.5 | 9.9 | 52 | 20.4 | 3.5 | 0.05 | 18 | 1.75 | 46 | 0.7 | 0.047 | 0.4 |
| SB10-001 | 113044 | 88.39 | 89.39 | 1.00 | 0.3 | <0.5 | 6.1 | 691 | 65.7 | 1.7 | 0.98 | 125.8 | 6.06 | 1615 | 0.5 | 0.059 | 5.4 |
| SB10-001 | 113045 | 89.39 | 90.42 | 1.03 | <0.1 | <0.5 | 5.7 | 524 | 102.6 | 3.5 | 0.14 | 33.7 | 2.64 | 587 | 0.4 | 0.047 | 4.7 |
| SB10-001 | 113046 | 90.42 | 91.44 | 1.02 | <0.1 | <0.5 | 3.4 | 247 | 83.1 | 1.8 | 0.82 | 7.3 | 2.17 | 514 | 0.2 | 0.029 | 1.1 |
| SB10-001 | 113047 | 91.44 | 92.96 | 1.52 | 0.2 | <0.5 | 17.7 | 121 | 53.5 | 0.8 | 0.18 | 3.3 | 0.72 | 277 | 0.2 | 0.022 | 1.3 |
| SB10-001 | 113048 | 92.96 | 94.49 | 1.53 | 0.3 | <0.5 | 56.5 | 194 | 28.2 | 2.8 | 0.9 | 4.9 | 1.44 | 444 | 0.2 | 0.048 | 2.3 |
| SB10-001 | 113049 | 94.49 | 95.70 | 1.21 | <0.1 | <0.5 | 4.3 | 23 | 2.7 | 0.7 | 0.19 | 3.2 | 0.6 | 102 | 0.2 | 0.023 | <0.1 |
| SB10-001 | 113050 | 95.70 | 96.78 | 1.08 | 0.4 | <0.5 | 16.9 | 230 | 101.3 | 1.1 | 5.68 | 1.7 | 1.34 | 1436 | 0.2 | 0.025 | 1.8 |
| SB10-001 | 113051 | 96.78 | 97.85 | 1.07 | 0.6 | <0.5 | 32.7 | 788 | 667.9 | 2.1 | 3.32 | 7.1 | 2.11 | 1457 | 0.2 | 0.062 | 5.1 |
| SB10-001 | 113053 | 97.85 | 98.96 | 1.11 | 0.3 | 0.7 | 4.6 | 38 | 11.4 | 1 | 0.62 | 10.1 | 0.94 | 155 | 0.5 | 0.024 | 0.2 |
| SB10-001 | 113054 | 98.96 | 99.96 | 1.00 | 0.1 | 1.6 | 3.4 | 61 | 9 | 1.1 | 5.45 | 151.8 | 4.05 | 748 | 0.4 | 0.046 | 0.1 |
| SB10-001 | 113055 | 99.96 | 101.40 | 1.44 | <0.1 | 0.5 | 9.1 | 35 | 7.7 | 1.5 | 0.35 | 7.2 | 1.07 | 93 | 0.3 | 0.023 | 0.2 |
| SB10-001 | 113057 | 101.40 | 102.90 | 1.50 | 0.2 | <0.5 | 15.8 | 115 | 70.2 | 2.9 | 0.55 | 19.7 | 2.75 | 278 | 0.7 | 0.052 | 0.6 |
| SB10-001 | 113058 | 102.90 | 104.60 | 1.70 | 0.2 | <0.5 | 19.7 | 123 | 161.4 | 3.6 | 0.15 | 15.1 | 2.79 | 116 | 0.6 | 0.065 | 0.6 |
| SB10-001 | 113059 | 104.60 | 105.20 | 0.60 | 0.3 | 0.6 | 102.2 | 305 | 102.4 | 1.6 | 0.26 | 10.8 | 1.01 | 374 | 0.3 | 0.02 | 3.4 |
| SB10-001 | 113060 | 105.20 | 106.68 | 1.48 | 0.2 | <0.5 | 17 | 243 | 230.9 | 3.3 | 1.14 | 35.1 | 2.32 | 305 | 0.4 | 0.046 | 1 |
| SB10-001 | 113061 | 106.68 | 108.20 | 1.52 | 0.7 | <0.5 | 138.6 | 474 | 311.2 | 3.7 | 0.18 | 10.6 | 1.72 | 1111 | 0.4 | 0.033 | 6 |
| SB10-001 | 113062 | 108.20 | 109.73 | 1.53 | 2.5 | <0.5 | 348.9 | 483 | 215.9 | 5.6 | 0.08 | 11.7 | 1.88 | 661 | 0.6 | 0.028 | 6.2 |
| SB10-001 | 113063 | 109.73 | 111.25 | 1.52 | 1.1 | <0.5 | 111.4 | 417 | 392.3 | 3.3 | 0.05 | 6.7 | 2.23 | 2980 | 0.4 | 0.035 | 4.6 |
| SB10-001 | 113064 | 111.25 | 114.20 | 2.95 | 0.3 | 2.8 | 26.8 | 1953 | 1028.7 | 2.6 | 0.09 | 0.9 | 3.27 | 9876 | 0.4 | 0.024 | 17.1 |
| SB10-001 | 113065 | 114.20 | 115.20 | 1.00 | 0.2 | 4.9 | 16.3 | 438 | 1001.4 | 1.9 | 0.06 | 0.7 | 1.39 | 1521 | 0.2 | 0.02 | 10.8 |
| SB10-001 | 113066 | 115.20 | 117.00 | 1.80 | 2 | 2.1 | 185.3 | 465 | 375.1 | 4.2 | 0.05 | 3.4 | 1.52 | 2067 | 0.3 | 0.028 | 13.6 |
| SB10-001 | 113067 | 117.00 | 118.77 | 1.77 | 2.2 | 9.5 | 319.7 | 853 | 890.1 | 8.8 | 0.43 | 4 | 1.5 | 1752 | 0.3 | 0.025 | 18.2 |
| SB10-001 | 113069 | 118.77 | 120.40 | 1.63 | 0.9 | <0.5 | 33.5 | 249 | 61.8 | 3.3 | 0.62 | 10.2 | 1.02 | 515 | 0.3 | 0.018 | 2.3 |
| SB10-001 | 113070 | 120.40 | 121.92 | 1.52 | 1.3 | <0.5 | 40.2 | 112 | 26.4 | 3.7 | 0.31 | 7.9 | 0.8 | 182 | 0.3 | 0.029 | 0.9 |
| SB10-001 | 113071 | 121.92 | 123.44 | 1.52 | 0.8 | <0.5 | 18.1 | 133 | 11.9 | 2.5 | 0.3 | 6.1 | 0.66 | 415 | 0.3 | 0.014 | 1.3 |
| SB10-001 | 113072 | 123.44 | 124.97 | 1.53 | 0.5 | <0.5 | 33.5 | 121 | 26.6 | 3.7 | 0.52 | 15.6 | 1.58 | 237 | 0.6 | 0.035 | 1 |
| SB10-001 | 113074 | 124.97 | 126.49 | 1.52 | 1.1 | 2.2 | 19.1 | 101 | 26.1 | 2.5 | 0.32 | 11.1 | 0.86 | 383 | 0.5 | 0.017 | 1.3 |
| SB10-001 | 113075 | 126.49 | 128.02 | 1.53 | 0.7 | 2.9 | 39.9 | 134 | 147.7 | 1.9 | 0.19 | 4 | 0.45 | 288 | 0.2 | 0.009 | 1.4 |
| SB10-001 | 113076 | 128.02 | 129.24 | 1.22 | 0.2 | 2.4 | 9.4 | 92 | 16.1 | 1.3 | 0.43 | 11.3 | 0.55 | 268 | 0.3 | 0.012 | 0.6 |
| SB10-001 | 113077 | 111.25 | 113.29 | 2.04 | 0.3 | <0.5 | 30.4 | 154 | 143.2 | 0.8 | 0.04 | 11.8 | 1.16 | 2065 | 0.2 | 0.019 | 2.2 |
| SB10-00 | 113078 | 7.62 | 9.14 | 1.52 | 0.1 | 0.9 | 19.3 | 78 | 24.4 | 3.3 | 0.03 | 115.2 | 3.21 | 464 | 7.5 | 0.053 | 0.3 |
| SB10-002 | 113079 | 8.25 | 10.67 | 2.42 | 0.1 | 1.7 | 14.2 | 72 | 30.4 | 4.9 | 0.02 | 44.8 | 3.38 | 79 | 5.5 | 0.074 | <0.1 |
| SB10-002 | 113080 | 10.67 | 12.19 | 1.52 | 0.2 | 1 | 17.8 | 87 | 33.2 | 6 | 0.02 | 49.6 | 3.38 | 84 | 5.1 | 0.086 | 0.2 |
| SB10-002 | 113081 | 12.19 | 16.76 | 4.57 | 0.7 | 65 | 98.6 | 354 | 1042.7 | 2.6 | 0.85 | 3.8 | 0.58 | 792 | 0.2 | 0.01 | 2.8 |
| SB10-002 | 113082 | 16.76 | 18.70 | 1.94 | 0.4 | 293.8 | 26.3 | 182 | 3630.6 | 3.3 | 1.83 | 3.7 | 0.7 | 1262 | 0.2 | 0.013 | 1.4 |

| Au and Ag in red in g/t | | | | | 2010 DDH RESULTS | | | | | | | | | | | | Pb and Zn in red in % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) |
| SB10-002 | 113083 | 18.70 | 19.81 | 1.11 | 1.4 | 4.7 | 53.6 | 615 | 589.8 | 6.9 | 0.13 | 133.5 | 3.25 | 843 | 7 | 0.057 | 4 |
| SB10-002 | 113084 | 19.81 | 21.34 | 1.53 | 46.8 | 137.2 | 4724.3 | 423 | 1299.4 | 50.8 | 0.14 | 87.5 | 2.62 | 673 | 2.7 | 0.041 | 2.4 |
| SB10-002 | 113085 | 21.34 | 22.86 | 1.52 | 1.6 | 9.2 | 167.2 | 95 | 310.5 | 4.7 | 0.01 | 15.4 | 0.81 | 72 | 0.5 | 0.012 | 0.9 |
| SB10-002 | 113086 | 22.86 | 23.80 | 0.94 | 5.8 | 11.1 | 288 | 219 | 292 | 10.6 | 0.01 | 28.4 | 1.74 | 96 | 0.4 | 0.019 | 0.4 |
| SB10-002 | 113088 | 47.24 | 48.77 | 1.53 | 0.4 | 1 | 102.7 | 335 | 5 | 1 | 0.24 | 1.1 | 0.38 | 955 | 0.2 | 0.048 | 3 |
| SB10-002 | 113089 | 48.77 | 50.29 | 1.52 | 0.3 | 1.3 | 18.7 | 117 | 6.6 | 1.4 | 0.03 | 2.6 | 0.62 | 155 | 0.2 | 0.036 | 0.8 |
| SB10-002 | 113090 | 48.77 | 50.29 | 1.52 | 0.3 | 0.9 | 16.5 | 136 | 6.6 | 1.4 | 0.08 | 2.6 | 0.57 | 164 | 0.2 | 0.03 | 1.1 |
| SB10-002 | 113091 | 50.29 | 51.82 | 1.53 | 0.5 | 1 | 42.6 | 68 | 7.3 | 2.2 | <0.01 | 1.8 | 0.65 | 40 | 0.3 | 0.022 | 0.3 |
| SB10-002 | 113092 | 51.82 | 53.34 | 1.52 | 0.3 | 0.8 | 41.9 | 35 | 2.1 | 1.3 | 0.01 | 0.8 | 0.35 | 60 | 0.2 | 0.011 | 0.3 |
| SB10-002 | 113093 | 53.34 | 54.86 | 1.52 | 1.3 | 0.6 | 557.1 | 805 | 2.6 | 2.1 | 1.07 | 6.2 | 0.92 | 2620 | 0.3 | 0.031 | 7.9 |
| SB10-002 | 113094 | 54.86 | 56.39 | 1.53 | 0.7 | <0.5 | 142.7 | 277 | 3.3 | 1.7 | 0.38 | 3 | 1.17 | 3178 | 0.2 | 0.029 | 4.2 |
| SB10-002 | 113096 | 106.78 | 108.20 | 1.42 | 0.2 | 3.1 | 7.4 | 20 | 9.8 | 1 | 0.04 | 4.4 | 0.71 | 43 | 0.3 | 0.023 | 0.2 |
| SB10-002 | 113097 | 116.85 | 117.94 | 1.09 | 0.1 | 3.1 | 5.4 | 67 | 21.6 | 1 | 0.42 | 3 | 1.04 | 188 | 0.2 | 0.029 | 0.5 |
| SB10-002 | 113098 | 126.48 | 127.63 | 1.15 | 0.1 | 1.6 | 5.7 | 265 | 66.9 | 1.4 | 0.46 | 4.1 | 0.62 | 449 | 0.2 | 0.035 | 1.5 |
| SB10-002 | 113099 | 133.50 | 134.10 | 0.60 | <0.1 | 1.7 | 4.4 | 63 | 6.2 | 1.7 | 0.57 | 4 | 0.67 | 169 | 0.3 | 0.028 | 0.4 |
| SB10-002 | 113100 | 163.72 | 166.12 | 2.40 | 6.8 | 4.1 | 39.8 | 72 | 83.9 | 15.2 | 1.26 | 63 | 2.04 | 2623 | 3 | 0.036 | 0.7 |
| SB10-002 | 113101 | 177.03 | 178.70 | 1.67 | 0.1 | 1.5 | 4.6 | 101 | 27.9 | 0.8 | 0.36 | 70.8 | 2.53 | 1312 | 0.2 | 0.047 | 0.2 |
| SB10-002 | 113103 | 178.70 | 180.33 | 1.63 | 0.5 | 52.5 | 47.4 | 85 | 1661.5 | 2.5 | 1.18 | 45 | 1.95 | 1642 | 0.6 | 0.026 | 1 |
| SB10-002 | 113104 | 180.33 | 181.88 | 1.55 | 0.5 | 37.4 | 69.4 | 117 | 647.3 | 2.2 | 1.02 | 74.9 | 2.05 | 2180 | 1.1 | 0.034 | 1.1 |
| SB10-002 | 113106 | 181.88 | 182.58 | 0.70 | 0.2 | 2.6 | 10.9 | 92 | 58.1 | 2.4 | 0.6 | 51.9 | 2.99 | 3277 | 0.5 | 0.048 | 0.1 |
| SB10-003 | 113107 | 40.95 | 42.67 | 1.72 | 0.5 | 0.6 | 99.2 | 316 | 4.8 | 1.1 | 0.05 | 1.5 | 0.76 | 1355 | 0.2 | 0.023 | 4.1 |
| SB10-003 | 113108 | 42.67 | 45.11 | 2.44 | 0.3 | <0.5 | 60 | 204 | 2.3 | 0.9 | 0.07 | 1.5 | 0.58 | 1520 | 0.2 | 0.014 | 2.5 |
| SB10-003 | 113109 | 45.11 | 47.55 | 2.44 | 0.5 | 0.7 | 142.7 | 417 | 2.1 | 1.1 | 0.07 | 1.3 | 0.74 | 2184 | 0.2 | 0.017 | 4.9 |
| SB10-003 | 113110 | 47.55 | 49.99 | 2.44 | 0.8 | <0.5 | 331.5 | 1246 | 3.1 | 1.4 | 0.09 | 1.5 | 0.82 | 2806 | 0.2 | 0.015 | 15.4 |
| SB10-003 | 113111 | 49.99 | 53.04 | 3.05 | 1.3 | <0.5 | 252.8 | 225 | 9.5 | 2.8 | 0.02 | 2.5 | 0.69 | 253 | 0.4 | 0.022 | 4.6 |
| SB10-003 | 113112 | 53.04 | 55.47 | 2.43 | 0.5 | <0.5 | 86 | 162 | 14.2 | 1.8 | 0.08 | 4.5 | 0.7 | 177 | 0.7 | 0.036 | 3.6 |
| SB10-003 | 113113 | 55.47 | 58.52 | 3.05 | 0.7 | <0.5 | 92.9 | 344 | 13.4 | 3.1 | 2.08 | 8.8 | 1.42 | 727 | 0.5 | 0.045 | 4.3 |
| SB10-003 | 113114 | 58.52 | 61.57 | 3.05 | 0.2 | <0.5 | 7.9 | 63 | 5.2 | 1.4 | 0.78 | 12.6 | 1.24 | 153 | 0.5 | 0.051 | 0.4 |
| SB10-003 | 113115 | 61.57 | 64.21 | 2.64 | <0.1 | <0.5 | 5.6 | 37 | 4.1 | 0.6 | 2.43 | 3.2 | 0.58 | 132 | 0.2 | 0.019 | 0.3 |
| SB10-003 | 113116 | 74.42 | 76.07 | 1.65 | <0.1 | <0.5 | 6.3 | 47 | 12.8 | 1.2 | 0.33 | 6.1 | 1.13 | 229 | 0.2 | 0.044 | 0.1 |
| SB10-003 | 113118 | 107.12 | 108.89 | 1.77 | 0.3 | 1.8 | 8.1 | 112 | 27.9 | 2.1 | 0.09 | 9 | 1.09 | 97 | 0.4 | 0.068 | 1.1 |
| SB10-003 | 113119 | 133.23 | 134.38 | 1.15 | <0.1 | 0.6 | 2 | 4 | 1.7 | 0.5 | 0.68 | 1.5 | 0.29 | 32 | 0.2 | 0.015 | <0.1 |
| SB10-003 | 113120 | 134.38 | 135.07 | 0.69 | 0.2 | 0.7 | 5.1 | 22 | 6.9 | 1.7 | 0.91 | 8.9 | 0.9 | 70 | 0.5 | 0.03 | 0.1 |
| SB10-003 | 113122 | 135.07 | 136.22 | 1.15 | 0.1 | 0.7 | 5 | 25 | 5 | 0.9 | 8.96 | 5.5 | 1.22 | 266 | 0.3 | 0.051 | 0.2 |
| SB10-003 | 113123 | 136.22 | 137.30 | 1.08 | 0.3 | <0.5 | 7 | 33 | 3.7 | 0.9 | 0.65 | 23.3 | 1.02 | 76 | 0.4 | 0.017 | <0.1 |
| SB10-003 | 113124 | 137.30 | 138.60 | 1.30 | 0.2 | 1.2 | 5.1 | 22 | 5.6 | 1.1 | 0.77 | 5 | 0.97 | 79 | 0.3 | 0.14 | <0.1 |

| Au and Ag in red in g/t | | | | | 2010 DDH RESULTS | | | | | | | | | | | Pb and Zn in red in % | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) |
| SB10-003 | 113125 | 154.95 | 155.31 | 0.36 | <0.1 | 0.5 | 2 | 26 | 0.9 | 0.4 | 0.54 | 2.9 | 0.75 | 52 | 0.3 | 0.024 | <0.1 |
| SB10-003 | 113127 | 155.31 | 157.36 | 2.05 | 0.3 | <0.5 | 7.2 | 69 | 5.9 | 2.2 | 1.51 | 19.5 | 1.69 | 266 | 0.5 | 0.05 | 0.3 |
| SB10-003 | 113127 | 155.31 | 157.36 | 2.05 | 0.3 | <0.5 | 7.2 | 69 | 5.9 | 2.2 | 1.51 | 19.5 | 1.69 | 266 | 0.5 | 0.05 | 0.3 |
| SB10-003 | 113128 | 157.36 | 158.00 | 0.64 | <0.1 | 0.6 | 0.8 | 17 | 1.5 | 0.6 | 0.16 | 4.6 | 0.38 | 75 | 0.2 | 0.012 | <0.1 |
| SB10-003 | 113129 | 182.02 | 183.54 | 1.52 | <0.1 | 1.2 | 5.3 | 64 | 0.9 | 0.2 | 0.33 | 123.1 | 2.03 | 1418 | 1 | 0.021 | <0.1 |
| SB10-003 | 113130 | 183.54 | 185.06 | 1.52 | <0.1 | 0.6 | 5.6 | 66 | 1 | 0.1 | 0.37 | 150.2 | 1.85 | 1256 | 2.1 | 0.02 | <0.1 |
| SB10-003 | 113131 | 185.06 | 186.59 | 1.53 | <0.1 | 1.6 | 6.4 | 68 | 0.9 | 0.1 | 0.59 | 140.4 | 2.07 | 2181 | 1.5 | 0.02 | <0.1 |
| SB10-003 | 113132 | 186.59 | 188.56 | 1.97 | <0.1 | 0.6 | 6 | 93 | 3.2 | 0.1 | 0.32 | 139.7 | 2.56 | 797 | 1.9 | 0.026 | <0.1 |
| SB10-003 | 113133 | 208.98 | 209.53 | 0.55 | 0.4 | 1 | 27.3 | 72 | 22.5 | 1.7 | 0.37 | 57.4 | 2.16 | 832 | 2.5 | 0.056 | <0.1 |
| SB10-004 | 113134 | 9.14 | 10.67 | 1.53 | 0.5 | 1.4 | 9.6 | 394 | 58 | 11.1 | 0.18 | 49.1 | 3.36 | 1233 | 0.3 | 0.043 | 6.5 |
| SB10-004 | 113135 | 10.67 | 13.11 | 2.44 | 0.3 | 1.3 | 5.9 | 286 | 54.5 | 7.2 | 0.03 | 26.7 | 3.01 | 235 | 0.3 | 0.037 | 3.6 |
| SB10-004 | 113136 | 13.11 | 14.62 | 1.51 | 0.3 | 0.8 | 19.1 | 183 | 14.5 | 2.7 | 0.03 | 17.3 | 3.05 | 478 | 0.4 | 0.088 | 5.2 |
| SB10-004 | 113137 | 14.62 | 16.76 | 2.14 | <0.1 | 0.8 | 5.6 | 79 | 5.6 | 1.3 | <0.01 | 5.5 | 0.84 | 193 | 0.1 | 0.015 | 2.6 |
| SB10-004 | 113138 | 16.76 | 17.53 | 0.77 | 0.3 | 1.1 | 8.8 | 78 | 11.1 | 0.9 | 0.03 | 5.7 | 0.8 | 108 | 0.2 | 0.02 | 0.9 |
| SB10-004 | 113139 | 17.53 | 21.34 | 3.81 | 0.5 | 1 | 20.1 | 88 | 11.4 | 1.7 | 0.02 | 5.8 | 0.8 | 70 | 0.1 | 0.017 | 0.5 |
| SB10-004 | 113140 | 21.34 | 24.20 | 2.86 | <0.1 | 0.9 | 3.3 | 49 | 12 | 0.9 | 0.02 | 5.9 | 0.68 | 55 | <0.1 | 0.017 | 0.2 |
| SB10-004 | 113141 | 24.20 | 24.82 | 0.62 | <0.1 | 3 | 3.6 | 135 | 58 | 3 | 0.08 | 5.9 | 1.27 | 129 | <0.1 | 0.053 | 0.6 |
| SB10-004 | 113142 | 24.82 | 26.52 | 1.70 | <0.1 | 0.8 | 4.6 | 60 | 55.3 | 3.4 | 0.04 | 6.6 | 1.05 | 86 | 0.1 | 0.026 | 0.5 |
| SB10-004 | 113143 | 26.52 | 28.35 | 1.83 | <0.1 | 1.8 | 4.2 | 77 | 276.5 | 2.3 | 0.06 | 10.3 | 1.16 | 205 | 0.3 | 0.036 | 1.6 |
| SB10-004 | 113146 | 28.35 | 30.34 | 1.99 | <0.1 | 2.1 | 5.6 | 36 | 180.4 | 1.7 | 0.03 | 5.8 | 0.89 | 86 | 0.1 | 0.026 | 0.5 |
| SB10-004 | 113147 | 30.34 | 32.42 | 2.08 | <0.1 | 1.2 | 3.6 | 20 | 95.3 | 2.4 | 0.02 | 4.1 | 0.73 | 55 | 0.2 | 0.014 | 0.2 |
| SB10-004 | 113149 | 32.42 | 34.54 | 2.12 | 0.5 | 1.8 | 53.2 | 2 | 7.9 | 2.5 | 0.01 | 1 | 0.34 | 32 | 0.2 | 0.004 | <0.1 |
| SB10-004 | 113150 | 34.54 | 36.02 | 1.48 | 1.3 | 2.1 | 166.7 | 352 | 80 | 7.9 | 0.32 | 7.7 | 1.44 | 495 | 0.5 | 0.03 | 4.2 |
| SB10-004 | 113151 | 36.02 | 36.96 | 0.94 | 1.8 | 0.8 | 287.4 | 1879 | 54.5 | 5.3 | 1.7 | 16.5 | 2.38 | 3754 | 0.2 | 0.055 | 25.5 |
| SB10-004 | 113152 | 36.96 | 38.72 | 1.76 | 2 | 2.4 | 720.9 | 3329 | 21.3 | 5 | 3.37 | 8.1 | 3.09 | 9871 | 0.3 | 0.028 | 53.2 |
| SB10-004 | 113153 | 38.72 | 39.62 | 0.90 | 2.2 | 0.7 | 159.5 | 244 | 35.6 | 4.4 | 0.08 | 9.8 | 1.54 | 138 | 0.7 | 0.051 | 2.8 |
| SB10-004 | 113154 | 39.62 | 41.12 | 1.50 | 0.2 | 0.7 | 15.1 | 99 | 89.8 | 2.2 | 0.6 | 2.5 | 0.55 | 196 | 0.1 | 0.026 | 1.6 |
| SB10-004 | 113156 | 46.50 | 46.75 | 0.25 | 4.1 | 0.7 | 268.8 | 676 | 657.1 | 8.7 | 0.11 | 17.5 | 3.74 | 2869 | 0.5 | 0.061 | 6 |
| SB10-004 | 113157 | 46.75 | 47.22 | 0.47 | 0.9 | 7.1 | 38.1 | 169 | 638.8 | 3.5 | 0.07 | 3 | 1.35 | 3082 | 0.1 | 0.022 | 2.3 |
| SB10-004 | 113158 | 47.22 | 47.96 | 0.74 | 1.7 | 26 | 77.2 | 170 | 5305.8 | 51.7 | 0.15 | 10.2 | 2.52 | 1709 | 0.3 | 0.039 | 1.5 |
| SB10-004 | 113159 | 47.96 | 48.77 | 0.81 | 1.6 | 10.3 | 178.5 | 241 | 812 | 8.5 | 0.11 | 7.2 | 0.88 | 343 | 0.2 | 0.027 | 4.2 |
| SB10-004 | 113160 | 48.77 | 50.46 | 1.69 | 0.8 | 9.3 | 158.1 | 794 | 43.1 | 3.6 | 0.09 | 3.4 | 0.56 | 895 | 0.1 | 0.02 | 9.9 |
| SB10-004 | 113162 | 50.46 | 52.11 | 1.65 | 1.7 | 12.3 | 120.1 | 207 | 138.4 | 3.4 | 0.06 | <0.1 | 0.89 | 301 | <0.1 | 0.018 | 2.5 |
| SB10-004 | 113163 | 52.11 | 53.83 | 1.72 | 0.1 | 3.4 | 2.3 | 52 | 474.4 | 1.5 | 0.23 | 1.6 | 0.52 | 554 | 0.1 | 0.015 | 0.7 |
| SB10-004 | 113164 | 57.77 | 58.24 | 0.47 | 0.1 | 0.9 | 3.3 | 13 | 7.2 | 1.1 | 0.16 | 5.6 | 0.66 | 53 | 0.3 | 0.011 | <0.1 |

| Au and Ag in red in g/t | | | | | | | 2010 DDH RESULTS | | | | | | | | | Pb and Zn in red in % | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) |
| SB10-004 | 113165 | 58.24 | 59.30 | 1.06 | | | | | | | | | | | | | |
| SB10-004 | 113166 | 67.39 | 68.90 | 1.51 | 0.4 | <0.5 | 12.6 | 68 | 14.1 | 1.6 | 0.92 | 25.3 | 1.68 | 217 | 0.8 | 0.037 | 0.4 |
| SB10-004 | 113167 | 70.10 | 71.70 | 1.60 | 0.4 | <0.5 | 30.5 | 100 | 15.1 | 1.4 | 0.8 | 6.7 | 1.11 | 369 | 0.3 | 0.019 | 1 |
| SB10-004 | 113168 | 80.16 | 80.99 | 0.83 | 0.1 | 11.3 | 4.8 | 12 | 44.6 | 0.7 | 0.27 | 3.3 | 0.63 | 116 | 0.2 | 0.014 | 0.1 |
| SB10-004 | 113166 | 67.39 | 68.90 | 1.51 | 0.4 | <0.5 | 12.6 | 68 | 14.1 | 1.6 | 0.92 | 25.3 | 1.68 | 217 | 0.8 | 0.037 | 0.4 |
| SB10-004 | 113167 | 70.10 | 71.70 | 1.60 | 0.4 | <0.5 | 30.5 | 100 | 15.1 | 1.4 | 0.8 | 6.7 | 1.11 | 369 | 0.3 | 0.019 | 1 |
| SB10-004 | 113168 | 80.16 | 80.99 | 0.83 | 0.1 | 11.3 | 4.8 | 12 | 44.6 | 0.7 | 0.27 | 3.3 | 0.63 | 116 | 0.2 | 0.014 | 0.1 |
| SB10-004 | 113169 | 98.96 | 100.43 | 1.47 | 0.8 | 1.2 | 31.3 | 245 | 41.9 | 1.9 | 0.66 | 96.3 | 3.45 | 462 | 2.2 | 0.073 | 0.6 |
| SB10-006 | 113170 | 0.00 | 3.66 | 3.66 | 2.2 | 75.8 | 141.4 | 345 | 2933.2 | 6.7 | 0.05 | 11.8 | 4.5 | >10000 | 0.5 | 0.005 | 8.3 |
| SB10-006 | 113171 | 3.66 | 7.32 | 3.66 | 4.3 | 316.6 | 415.6 | 1385 | 9859.3 | 20.4 | 0.08 | 27.8 | 5.94 | 5611 | 0.4 | 0.027 | 123.5 |
| SB10-006 | 113172 | 7.32 | 8.40 | 1.08 | 0.9 | 10.6 | 9.6 | 4218 | 1116.6 | 2.5 | 1.11 | 163.9 | 11.41 | 8298 | 0.8 | 0.084 | 57.5 |
| SB10-006 | 113173 | 8.40 | 9.36 | 0.96 | 0.4 | 4.7 | 7.9 | 2278 | 1937.2 | 7.4 | 0.19 | 144.8 | 8.12 | 2706 | 0.8 | 0.111 | 25.9 |
| SB10-006 | 113175 | 9.36 | 10.80 | 1.44 | 0.6 | 2 | 7 | 2743 | 295.8 | 5.5 | 0.22 | 164 | 10.54 | 3403 | 0.8 | 0.097 | 39.3 |
| SB10-006 | 113176 | 10.80 | 11.70 | 0.90 | 0.5 | 3.1 | 3.8 | 1650 | 69.3 | 3.5 | 1.48 | 191.2 | 7.86 | 2582 | 0.6 | 0.079 | 20.1 |
| SB10-006 | 113177 | 11.70 | 12.60 | 0.90 | 0.6 | 4.9 | 4.5 | 1367 | 86.9 | 5.4 | 0.19 | 223 | 6.42 | 1558 | 0.5 | 0.075 | 20.3 |
| SB10-006 | 113179 | 12.60 | 14.60 | 2.00 | 0.2 | 0.9 | 6.6 | 310 | 44.4 | 3 | 0.1 | 19.2 | 1.62 | 231 | 0.3 | 0.035 | 3.5 |
| SB10-006 | 113180 | 14.60 | 16.50 | 1.90 | 0.3 | 0.9 | 11.2 | 267 | 42 | 2.2 | 0.11 | 15.7 | 1.8 | 260 | 0.3 | 0.034 | 2.1 |
| SB10-006 | 113181 | 16.50 | 17.15 | 0.65 | <0.1 | 1.7 | 7.1 | 54 | 18 | 1.1 | 0.02 | 6.7 | 0.78 | 55 | 0.2 | 0.022 | 0.7 |
| SB10-006 | 113182 | 41.90 | 43.01 | 1.11 | 1.2 | <0.5 | 142.1 | 391 | 16.9 | 4.4 | 0.88 | 10.5 | 1.16 | 489 | 0.4 | 0.032 | 7.8 |
| SB10-006 | 113183 | 43.01 | 43.40 | 0.39 | 0.8 | 0.8 | 118 | 296 | 17.8 | 4.7 | 0.19 | 9.2 | 0.99 | 212 | 0.4 | 0.049 | 5.6 |
| SB10-006 | 113184 | 43.40 | 45.40 | 2.00 | 0.9 | 0.9 | 102.7 | 392 | 12.4 | 3.7 | 0.07 | 6.8 | 1.25 | 1029 | 0.4 | 0.039 | 5.3 |
| SB10-006 | 113185 | 45.40 | 47.40 | 2.00 | 0.4 | 0.9 | 137.4 | 363 | 8.9 | 2 | 0.82 | 3.8 | 1 | 1931 | 0.3 | 0.035 | 4.1 |
| SB10-006 | 113186 | 47.40 | 48.50 | 1.10 | 0.5 | 1.6 | 105 | 374 | 11 | 2.2 | 0.82 | 4 | 0.95 | 1050 | 0.3 | 0.038 | 5.2 |
| SB10-006 | 113188 | 54.00 | 54.34 | 0.34 | 1.1 | 0.7 | 152.6 | 361 | 156.5 | 2.5 | 0.2 | 3.7 | 1.12 | 4088 | 0.3 | 0.014 | 5.9 |
| SB10-006 | 113189 | 32.20 | 32.80 | 0.60 | 0.2 | 0.6 | 8.4 | 128 | 27.9 | 2.4 | 0.19 | 13 | 1.36 | 303 | 0.5 | 0.04 | 2 |
| SB10-006 | 113190 | 70.07 | 71.32 | 1.25 | 1.7 | 2.5 | 192.1 | 220 | 71.8 | 4.4 | 0.27 | 9.3 | 0.99 | 669 | 0.4 | 0.022 | 2.4 |
| SB10-005 | 113191 | 9.14 | 9.30 | 0.16 | 0.3 | 23.8 | 19.3 | 405 | 909.3 | 2.8 | 0.1 | 15.9 | 7.59 | >10000 | 0.4 | 0.045 | 11.3 |
| SB10-005 | 113192 | 9.30 | 9.75 | 0.45 | 0.3 | 1.6 | 4.4 | 1324 | 505.4 | 5.3 | 0.07 | 83.9 | 9.86 | 610 | 0.4 | 0.209 | 4.9 |
| SB10-005 | 113193 | 9.75 | 10.67 | 0.92 | <0.1 | 0.6 | 1.1 | 192 | 50.1 | 0.8 | 0.02 | 7.1 | 1.55 | 139 | 0.1 | 0.024 | 1.9 |
| SB10-005 | 113194 | 10.67 | 12.19 | 1.52 | <0.1 | 2.9 | 1 | 211 | 21.1 | 0.8 | 0.03 | 6 | 0.87 | 448 | 0.1 | 0.02 | 3.1 |
| SB10-005 | 113195 | 12.19 | 13.00 | 0.81 | 0.2 | 0.7 | 2.2 | 1041 | 16.2 | 1.1 | 2.45 | 164.8 | 7.75 | 1930 | 0.5 | 0.072 | 12.4 |
| SB10-005 | 113196 | 13.00 | 15.00 | 2.00 | 0.3 | <0.5 | 5.1 | 528 | 42.3 | 2.8 | 2.44 | 156 | 5.58 | 1203 | 0.7 | 0.095 | 10.3 |
| SB10-005 | 113197 | 15.00 | 17.24 | 2.24 | <0.1 | 0.9 | 2.3 | 80 | 52.4 | 1.9 | 0.07 | 10.4 | 0.85 | 141 | 0.2 | 0.025 | 1.4 |
| SB10-005 | 113198 | 17.24 | 19.24 | 2.00 | <0.1 | <0.5 | 3.4 | 123 | 10.6 | 1.2 | 0.2 | 5.2 | 1.12 | 240 | 0.1 | 0.033 | 1 |
| SB10-005 | 113199 | 19.24 | 21.75 | 2.51 | <0.1 | <0.5 | 4 | 103 | 21.3 | 1.2 | 0.05 | 7.8 | 1.07 | 176 | 0.2 | 0.03 | 1.2 |
| SB10-005 | 113202 | 42.24 | 43.20 | 0.96 | 0.8 | <0.5 | 182.7 | 557 | 12.8 | 2.4 | 2.54 | 4.4 | 1.95 | 1519 | 0.2 | 0.041 | 7.6 |
| SB10-005 | 113203 | 43.20 | 44.20 | 1.00 | 1.4 | <0.5 | 364.2 | 767 | 36.2 | 3.6 | 2.4 | 5.5 | 1.82 | 1657 | 0.2 | 0.039 | 10.2 |
| SB10-005 | 113204 | 44.20 | 46.14 | 1.94 | 1.6 | <0.5 | 255.7 | 700 | 11.7 | 3.3 | 3.06 | 3.1 | 1.56 | 1742 | 0.2 | 0.022 | 10.1 |
| SB10-005 | 113205 | 53.95 | 55.20 | 1.25 | 1.3 | 2.9 | 58.7 | 230 | 179.8 | 3 | 0.07 | 11.4 | 1.14 | 437 | 0.2 | 0.035 | 2.6 |
| SB10-005 | 113206 | 64.83 | 65.17 | 0.34 | 0.2 | 1.1 | 5.5 | 38 | 205 | 1 | 0.39 | 3.3 | 0.68 | 194 | 0.1 | 0.009 | 0.4 |
| SB10-005 | 113207 | 65.17 | 66.25 | 1.08 | 0.4 | 0.6 | 12.1 | 96 | 77.9 | 3.1 | 0.18 | 20.8 | 1.35 | 109 | 0.4 | 0.033 | 0.4 |

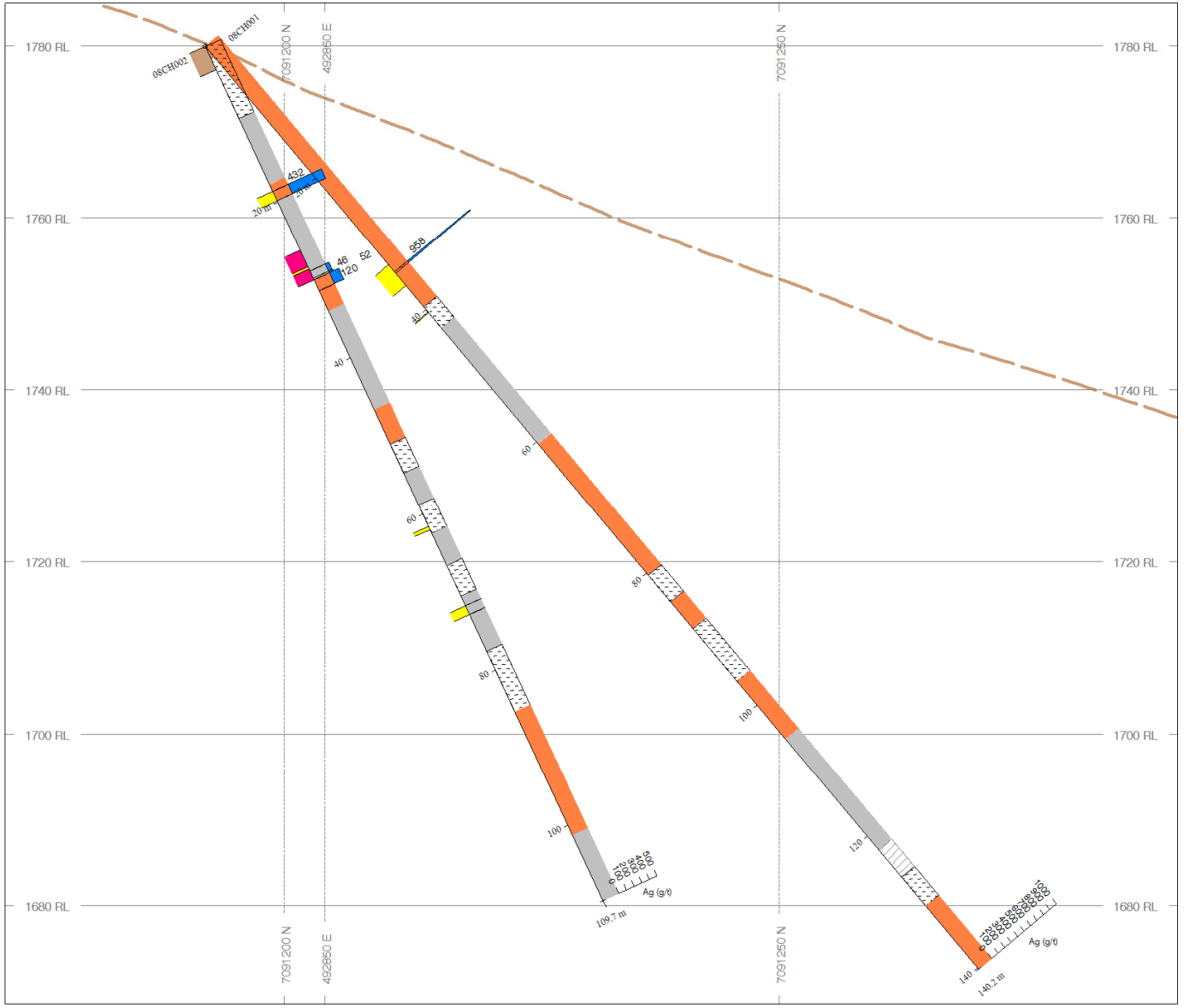
| Au and Ag in red in g/t | | | | | 2010 DDH RESULTS | | | | | | | | | | | Pb and Zn in red in % | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) |
| SB10-005 | 113208 | 70.05 | 71.10 | 1.05 | 0.4 | <0.5 | 9.2 | 41 | 38.4 | 2.7 | 1.09 | 10.7 | 0.87 | 160 | 0.3 | 0.05 | 0.1 |
| SB10-005 | 113210 | 72.67 | 74.27 | 1.60 | 0.4 | <0.5 | 5.1 | 95 | 59.1 | 3.6 | 0.56 | 29.4 | 1.44 | 286 | 0.7 | 0.056 | 0.4 |
| SB10-005 | 113211 | 81.84 | 82.42 | 0.58 | 0.2 | <0.5 | 8.9 | 98 | 4.9 | 0.7 | 0.63 | 2.7 | 0.7 | 283 | <0.1 | 0.02 | 0.6 |
| SB10-005 | 113212 | 85.60 | 86.52 | 0.92 | 0.2 | 4.8 | 6.7 | 22 | 941.7 | 2.3 | 0.28 | 4.9 | 0.72 | 208 | 0.3 | 0.021 | <0.1 |
| SB10-005 | 113213 | 91.07 | 91.74 | 0.67 | 0.2 | <0.5 | 3 | 17 | 12.3 | 1 | 0.5 | 3.7 | 0.8 | 162 | 0.3 | 0.024 | <0.1 |
| SB10-005 | 113214 | 101.38 | 103.06 | 1.68 | 0.4 | 1 | 29.1 | 157 | 47.9 | 3.3 | 0.79 | 9.3 | 1.57 | 246 | 0.8 | 0.048 | 1.2 |
| SB10-004 | 113215 | 124.36 | 125.47 | 1.11 | 0.1 | <0.5 | 10.5 | 63 | 9.2 | 1.6 | 0.77 | 24.3 | 2.31 | 898 | 0.7 | 0.059 | 0.3 |
| SB10-004 | 113216 | 125.47 | 126.49 | 1.02 | 0.3 | 1.1 | 11.5 | 77 | 19.5 | 1.5 | 0.56 | 115 | 2.86 | 915 | 2.4 | 0.055 | 0.3 |
| SB10-004 | 113217 | 124.36 | 128.03 | 3.67 | 0.4 | 2 | 16.3 | 83 | 21.1 | 4 | 0.76 | 129.6 | 2.68 | 1756 | 4.3 | 0.03 | 0.2 |
| SB10-007 | 113218 | 4.57 | 6.10 | 1.53 | 1.1 | 3.3 | 35.4 | 172 | 51.5 | 2.1 | 0.47 | 27.1 | 3.07 | 283 | 0.4 | 0.029 | 1 |
| SB10-007 | 113219 | 6.10 | 8.00 | 1.90 | 0.2 | 1 | 11.3 | 75 | 20.4 | 2.9 | 0.07 | 10.1 | 1.86 | 138 | 0.4 | 0.038 | 0.2 |
| SB10-007 | 113220 | 8.00 | 9.34 | 1.34 | 0.1 | 1 | 3.6 | 114 | 38.5 | 1.8 | 0.08 | 7.2 | 1.16 | 186 | 0.3 | 0.045 | 1 |
| SB10-007 | 113222 | 9.34 | 11.00 | 1.66 | 0.4 | 1.1 | 14.9 | 216 | 42.7 | 1.6 | 0.04 | 10.5 | 1.14 | 419 | 0.2 | 0.028 | 1.8 |
| SB10-007 | 113223 | 11.00 | 12.15 | 1.15 | 0.1 | <0.5 | 9.6 | 194 | 20 | 4.2 | 0.09 | 22.2 | 2.08 | 166 | 0.5 | 0.048 | 1.4 |
| SB10-007 | 113224 | 12.15 | 12.99 | 0.84 | 0.1 | 0.7 | 7.5 | 164 | 26.9 | 3.7 | 0.02 | 10.4 | 1.34 | 55 | 0.3 | 0.027 | 1.8 |
| SB10-007 | 113225 | 12.99 | 14.00 | 1.01 | 0.3 | <0.5 | 17.1 | 190 | 26.7 | 4.1 | 0.04 | 22.5 | 2.96 | 78 | 0.6 | 0.06 | 4.3 |
| SB10-007 | 113227 | 42.86 | 44.84 | 1.98 | <0.1 | <0.5 | 4.8 | 60 | 18.1 | 2.6 | 0.26 | 8.2 | 1.36 | 122 | 0.4 | 0.036 | 0.1 |
| SB10-007 | 113228 | 44.84 | 45.50 | 0.66 | 0.2 | <0.5 | 16.2 | 51 | 11.6 | 1.4 | 0.86 | 11.5 | 1.39 | 172 | 0.2 | 0.043 | 0.1 |
| HS10-002 | 114001 | 6.09 | 7.01 | 0.92 | 2.3 | 104.7 | 358.3 | 22 | 205.2 | 118.9 | 0.01 | 1.8 | 0.37 | 43 | <0.1 | 0.005 | 0.3 |
| HS10-002 | 114002 | 7.01 | 7.38 | 0.37 | 38.7 | 785.8 | 6871.2 | 132 | 1053.4 | >2000.0 | <0.01 | 31.1 | 0.67 | 42 | 0.1 | 0.005 | 2.4 |
| HS10-002 | 114003 | 7.38 | 9.14 | 1.76 | 0.5 | 15.5 | 168.9 | 5 | 356.1 | 27.9 | <0.01 | 1 | 0.36 | 25 | 0.1 | 0.005 | 0.2 |
| HS10-002 | 114004 | 9.14 | 10.51 | 1.37 | 3.6 | 4.5 | 620.4 | 32 | 1807 | 176.8 | 0.01 | 3.7 | 1.57 | 32 | 0.6 | 0.013 | 0.6 |
| HS10-002 | 114005 | 10.51 | 11.58 | 1.07 | 0.4 | <0.5 | 74.7 | 96 | 450.4 | 27.8 | <0.01 | 1.9 | 1.01 | 47 | 0.2 | 0.006 | 0.3 |
| HS10-002 | 114007 | 20.45 | 21.34 | 0.89 | 0.6 | <0.5 | 65.7 | 625 | 1294 | 49 | 0.14 | 48.7 | 1.98 | 129 | 0.8 | 0.058 | 11.5 |
| HS10-002 | 114008 | 21.34 | 22.38 | 1.04 | 0.7 | 37.5 | 22.2 | 508 | 6862.6 | 64.3 | 0.34 | 51 | 4.34 | 104 | 0.6 | 0.184 | 56.7 |
| HS10-002 | 114010 | 22.38 | 23.47 | 1.09 | 0.3 | 53 | 18.8 | 259 | 2147.5 | 19.3 | 0.57 | 31.8 | 2.09 | 140 | 0.3 | 0.142 | 13.7 |
| HS10-002 | 114011 | 23.47 | 24.58 | 1.11 | 0.2 | 1.6 | 7 | 514 | 412 | 14.6 | 1.12 | 16.1 | 2.33 | 303 | 0.4 | 0.085 | 18.5 |
| HS10-002 | 114012 | 24.58 | 26.06 | 1.48 | 0.3 | <0.5 | 12.6 | 369 | 213.4 | 12.2 | 0.19 | 20.3 | 1.75 | 68 | 0.5 | 0.075 | 8.3 |
| HS10-002 | 114013 | 26.06 | 28.40 | 2.34 | 0.2 | <0.5 | 9.3 | 463 | 741.1 | 14.8 | 0.26 | 9.1 | 2.87 | 138 | 0.6 | 0.137 | 6 |
| HS10-002 | 114014 | 28.40 | 30.05 | 1.65 | 0.2 | 12 | 7.3 | 243 | 404.2 | 5.8 | 0.48 | 6.5 | 0.87 | 215 | 0.2 | 0.017 | 2.2 |
| HS10-002 | 114015 | 30.05 | 31.94 | 1.89 | <0.1 | <0.5 | 8 | 197 | 206.2 | 10.6 | 0.06 | 3.8 | 0.58 | 99 | 0.2 | 0.012 | 2.1 |
| HS10-002 | 114016 | 31.94 | 34.23 | 2.29 | 0.1 | 1.1 | 2.6 | 232 | 119.1 | 5 | 2.42 | 61.9 | 3.07 | 619 | 0.2 | 0.029 | 1 |
| HS10-002 | 114017 | 53.88 | 54.65 | 0.77 | 0.5 | <0.5 | 9.8 | 228 | 325 | 12.8 | 0.78 | 23.3 | 2.46 | 166 | 1.6 | 0.059 | 1.1 |

| Au and Ag in red in g/t | | | | | 2010 DDH RESULTS | | | | | | | | | | Pb and Zn in red in % | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Hole** | **Sample** | **From** | **To** | **Interval** | **Ag** | **Au** | **Pb** | **Zn** | **As** | **Sb** | **Ca** | **Cu** | **Fe** | **Mn** | **Mo** | **P** | **Cd** |
| **No.** | **No.** | **(m)** | **(m)** | **(m)** | **(ppm)** | **(ppb)** | **(ppm)** | **(ppm)** | **(ppm)** | **No.** | **No.** | **(m)** | **(m)** | **(m)** | **(ppm)** | **(ppb)** | **(ppm)** |
| HS10-007 | 114018 | 14.29 | 16.15 | 1.86 | 0.4 | <0.5 | 28.9 | 566 | 327.3 | 16.3 | 0.83 | 22.1 | 2.95 | 334 | 0.5 | 0.189 | 5.1 |
| HS10-005 | 114020 | 12.83 | 13.82 | 0.99 | 3.1 | 9.2 | 106.1 | 532 | 3146.3 | 23 | 0.16 | 43.7 | 2.26 | 110 | 0.5 | 0.071 | 20.9 |
| HS10-005 | 114021 | 13.82 | 15.54 | 1.72 | 1 | <0.5 | 59.6 | 755 | 669.8 | 12.2 | 0.28 | 15.7 | 3.15 | 669 | 0.6 | 0.123 | 9.2 |
| HS10-005 | 114022 | 15.54 | 16.14 | 0.60 | 0.7 | <0.5 | 67.3 | 511 | 714.1 | 11 | 0.27 | 12.7 | 3.19 | 485 | 0.6 | 0.145 | 2.9 |
| HS10-005 | 114024 | 24.66 | 26.41 | 1.75 | 0.9 | <0.5 | 20.6 | 146 | 148.3 | 6.1 | 2.02 | 41.7 | 3.77 | 289 | 7.2 | 0.162 | 0.7 |
| HS10-005 | 114026 | 36.81 | 37.85 | 1.04 | 0.7 | 3.6 | 15.1 | 54 | 1422.9 | 7.6 | 0.4 | 10.8 | 1.81 | 150 | 0.5 | 0.033 | 0.4 |
| HS10-005 | 114027 | 37.85 | 39.30 | 1.45 | 0.4 | <0.5 | 8.5 | 52 | 130.9 | 5.2 | 2.04 | 15.2 | 2.02 | 221 | 1 | 0.059 | 0.2 |
| HS10-005 | 114028 | 39.30 | 40.68 | 1.38 | 0.6 | <0.5 | 12.4 | 46 | 142.5 | 5.3 | 2.16 | 13.8 | 1.87 | 172 | 0.6 | 0.06 | 0.2 |
| HS10-005 | 114029 | 43.81 | 45.58 | 1.77 | 0.4 | <0.5 | 8.4 | 48 | 155.9 | 6.2 | 2.03 | 28.7 | 1.96 | 293 | 0.4 | 0.022 | 0.3 |
| HS10-005 | 114030 | 45.58 | 47.12 | 1.54 | <0.1 | <0.5 | 4.6 | 36 | 67.9 | 2.6 | 0.87 | 7.8 | 0.95 | 159 | 0.3 | 0.019 | 0.1 |
| HS10-005 | 114031 | 47.12 | 48.62 | 1.50 | 0.2 | 5.6 | 4.3 | 56 | 402.8 | 9 | 2.35 | 23.8 | 1.65 | 271 | 0.3 | 0.023 | 0.4 |
| HS10-005 | 114032 | 48.62 | 49.89 | 1.27 | 0.3 | <0.5 | 6.7 | 113 | 289.5 | 4.3 | 1.18 | 10.6 | 1.61 | 240 | 0.5 | 0.032 | 0.4 |
| HS10-005 | 114033 | 49.89 | 51.82 | 1.93 | <0.1 | 1.3 | 4.2 | 116 | 275.4 | 2.1 | 0.18 | 3.9 | 0.87 | 164 | 0.3 | 0.018 | 0.2 |
| HS10-010 | 114034 | 30.80 | 31.45 | 0.65 | 0.6 | 3.3 | 47.3 | 280 | 440.6 | 7.3 | 1.01 | 5.4 | 1.99 | 768 | 1 | 0.039 | 2.8 |
| HS10-010 | 114035 | 82.80 | 84.42 | 1.62 | 0.7 | 7.9 | 18.9 | 102 | 280.1 | 3.5 | 0.48 | 6.3 | 1 | 161 | 0.3 | 0.026 | 0.7 |
| HS10-010 | 114038 | 185.93 | 187.57 | 1.64 | 0.4 | 1.1 | 21.2 | 124 | 128.4 | 5.9 | 1.62 | 59.9 | 2.41 | 696 | 1.4 | 0.04 | 0.9 |
| HS10-011 | 114040 | 33.81 | 34.56 | 0.75 | 0.7 | 3.4 | 44.5 | 516 | 562.1 | 6.6 | 0.16 | 5.9 | 1.59 | 1375 | 0.5 | 0.026 | 4.5 |
| HS10-011 | 114041 | 43.80 | 45.92 | 2.12 | 5 | 34 | 616.8 | 727 | 1034.3 | 20.1 | 0.07 | 19.3 | 2.49 | 121 | 0.6 | 0.055 | 17.5 |
| HS10-011 | 114042 | 45.92 | 48.47 | 2.55 | 1.1 | 5.5 | 133.7 | 353 | 542.7 | 7.5 | 0.07 | 21.3 | 1.6 | 153 | 0.7 | 0.026 | 9.6 |
| HS10-011 | 114044 | 87.84 | 89.25 | 1.41 | 0.3 | <0.5 | 18.4 | 212 | 74.9 | 7.9 | 0.31 | 20 | 2.11 | 172 | 0.7 | 0.097 | 1.1 |
| HS10-011 | 114045 | 89.25 | 90.06 | 0.81 | <0.1 | <0.5 | 9.4 | 248 | 84.3 | 4.4 | 0.26 | 7.2 | 1.39 | 330 | 0.4 | 0.028 | 1.1 |
| HS10-008 | 114048 | 59.13 | 59.64 | 0.51 | 0.6 | 8.5 | 6 | 114 | 26 | 1.1 | 6.09 | 200 | 8.6 | 2101 | 0.6 | 0.106 | 0.5 |
| HS10-008 | 114049 | 80.63 | 82.17 | 1.54 | 5.7 | 200.3 | 2623.9 | 791 | 2056.8 | 124.9 | 0.26 | 15.9 | 2.53 | 59 | 0.5 | 0.035 | 8.4 |
| HS10-008 | 114050 | 97.54 | 99.02 | 1.48 | 1.6 | <0.5 | 7.9 | 258 | 1125.8 | 49.3 | 1.11 | 40.5 | 2.64 | 346 | 0.5 | 0.062 | 0.8 |

| Au and Ag in red in g/t | | | | | | 2010 DDH RESULTS | | | | | | | Pb and Zn in red in % | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole | Sample | From | To | Interval | Ag | Au | Pb | Zn | As | Sb | Ca | Cu | Fe | Mn | Mo | P | Cd |
| No. | No. | (m) | (m) | (m) | (ppm) | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppb) | (ppm) |
| HS10-006 | 114251 | 60.00 | 61.05 | 1.05 | 3.2 | 76.9 | 17.7 | 1414 | 2926.3 | 19.1 | 0.68 | 135.4 | 5.49 | 3525 | 0.6 | 0.062 | 21.2 |
| HS10-006 | 114252 | 62.40 | 64.00 | 1.60 | 1.2 | 5.7 | 29.1 | 574 | 538 | 10.8 | 1.21 | 25.1 | 1.83 | 989 | 0.3 | 0.025 | 4.6 |
| HS10-006 | 114253 | 64.00 | 65.95 | 1.95 | 0.9 | 6 | 56.3 | 340 | 497.7 | 17 | 0.04 | 10.9 | 1.22 | 200 | 0.3 | 0.025 | 16.7 |
| HS10-006 | 114254 | 65.95 | 66.25 | 0.30 | 2 | 527.4 | 234.9 | 216 | 2944.8 | 8.8 | 0.1 | 7.8 | 1.06 | 170 | 0.1 | 0.029 | 17.6 |
| HS10-006 | 114255 | 66.25 | 69.17 | 2.92 | 0.7 | 35.9 | 54.6 | 136 | 342.3 | 8.6 | 0.02 | 4.5 | 0.68 | 397 | 0.2 | 0.007 | 6.4 |
| HS10-006 | 114256 | 69.17 | 70.85 | 1.68 | 1.7 | 6.4 | 149.5 | 118 | 350.1 | 12.9 | 0.02 | 6.6 | 0.77 | 39 | 0.3 | 0.011 | 9.8 |
| HS10-006 | 114257 | 70.85 | 72.65 | 1.80 | 2.1 | 127 | 220.2 | 319 | 680.5 | 13.9 | 0.03 | 7.6 | 1.32 | 103 | 0.2 | 0.01 | 18.4 |
| HS10-006 | 114259 | 72.65 | 73.15 | 0.50 | 4 | 52.1 | 236.9 | 1984 | 2336.3 | 53.9 | 0.12 | 46.3 | 5.39 | >10000 | 0.5 | 0.014 | 90 |
| HS10-006 | 114260 | 73.15 | 73.37 | 0.22 | 4027 | 172.4 | >10000 | 6451 | 5704.7 | >2000 | 0.09 | 5477.8 | 5.14 | >10000 | 0.8 | 0.025 | 589.5 |
| HS10-006 | 114262 | 73.37 | 74.91 | 1.54 | 21.3 | 13.2 | 3875.1 | 1931 | 2853.2 | 214 | 0.11 | 126.6 | 3.3 | 154 | 0.8 | 0.068 | 69.7 |
| HS10-001 | 114263 | 20.08 | 20.32 | 0.24 | 0.3 | <0.5 | 23.7 | 126 | 37.6 | 4.7 | 1.94 | 10.7 | 1.99 | 300 | 0.4 | 0.033 | 1.1 |
| HS10-001 | 114264 | 23.25 | 24.47 | 1.22 | 4 | 12.2 | 474.9 | 161 | 597.3 | 16.6 | 0.05 | 44.4 | 0.98 | 72 | 0.3 | 0.024 | 3.7 |
| HS10-001 | 114265 | 42.73 | 45.07 | 2.34 | 0.4 | 2.1 | 13.8 | 1784 | 128.3 | 16.9 | 1.57 | 242.3 | 7.08 | 3276 | 0.6 | 0.064 | 14 |
| HS10-001 | 114267 | 47.30 | 48.75 | 1.45 | 46.6 | 2032.9 | 6316.5 | 1544 | 4928 | 1147 | 0.1 | 124.8 | 4.29 | 170 | 0.7 | 0.031 | 30 |
| HS10-001 | 114268 | 48.75 | 50.10 | 1.35 | 71.4 | 4842.6 | >10000 | 6094 | >10000 | 456.3 | 0.24 | 204.3 | 11.78 | >10000 | 0.6 | 0.01 | 211.8 |
| HS10-001 | 114271 | 50.10 | 50.70 | 0.60 | 8.7 | 148.6 | 1796.2 | 603 | 3845.9 | 185.8 | 0.11 | 44.6 | 2.54 | 115 | 0.5 | 0.022 | 24.2 |
| HS10-001 | 114272 | 50.70 | 52.50 | 1.80 | 53 | 81.7 | 4472.7 | 7149 | 4085.5 | 354 | 0.22 | 644.8 | 14.08 | >10000 | 1.4 | 0.038 | 226.1 |
| HS10-001 | 114273 | 52.50 | 54.80 | 2.30 | 5.1 | 23.7 | 590.3 | 104 | 724.9 | 42.3 | 0.02 | 17.4 | 1.47 | 59 | 0.4 | 0.011 | 4.6 |
| HS10-001 | 114274 | 54.80 | 55.20 | 0.40 | 4.5 | 93.8 | 260 | 37 | 796.6 | 19.8 | 0.01 | 10.6 | 0.44 | 69 | 0.1 | 0.003 | 2 |
| HS10-001 | 114275 | 55.20 | 56.70 | 1.50 | 0.7 | 4.3 | 22 | 68 | 465.8 | 8.8 | <0.01 | 17.1 | 0.56 | 31 | 0.2 | 0.011 | 3 |
| HS10-001 | 114276 | 56.70 | 58.20 | 1.50 | 0.5 | 5.5 | 11.9 | 68 | 360 | 7.6 | 0.12 | 8.2 | 0.55 | 56 | 0.2 | 0.016 | 1.5 |
| HS10-001 | 114277 | 45.07 | 47.30 | 2.23 | 4.5 | 8.1 | 24.8 | 1778 | 2368.3 | 17.7 | 0.25 | 57.4 | 3.65 | 326 | 3.3 | 0.068 | 21.1 |
| HS10-008 | 114278 | 135.45 | 136.86 | 1.41 | 0.6 | 7.2 | 21.5 | 116 | 471.1 | 4.8 | 0.73 | 4.5 | 1.23 | 250 | 0.3 | 0.018 | 0.6 |
| HS10-009 | 114279 | 32.38 | 33.35 | 0.97 | 11.9 | 112 | 3479.5 | 326 | 1169.5 | 75.4 | 0.02 | 18 | 1.75 | 63 | 0.4 | 0.043 | 8.2 |
| HS10-009 | 114280 | 33.35 | 34.09 | 0.74 | 359 | 4880.3 | >10000 | 241 | 4506.3 | 644.5 | <0.01 | 165.5 | 1.12 | 40 | 0.3 | 0.034 | 32.5 |
| HS10-009 | 114282 | 34.09 | 34.99 | 0.90 | 9.9 | 236.1 | 2075.1 | 1248 | 6611.7 | 279.2 | 0.06 | 41.7 | 4.51 | 660 | 0.3 | 0.029 | 28 |
| HS10-009 | 114283 | 34.99 | 36.86 | 1.87 | 11.3 | 56.1 | 3041.5 | 1245 | 1808.9 | 193.1 | 0.06 | 44.6 | 3.58 | 5576 | 0.8 | 0.043 | 76.4 |
| HS10-009 | 114285 | 94.66 | 95.63 | 0.97 | 0.4 | 16.5 | 43.7 | 544 | 218.4 | 4.4 | 0.07 | 11 | 1.51 | 622 | 0.9 | 0.034 | 3.8 |

# APPENDIX V

## Drill Sections




MONSTER MINING CORP.

| BAR GRAPHS | L/R | COL |
|---|---|---|
| Ag (g/t) | R | |
| Au (g/t) | L | |

| ROCK CODES Litho | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| | | GQ | Grey quartzite |
| | | QSS | Quartz sericite schist |
| | | BGS | Black graphitic schist |
| | | BWGS | Black & white graphitic schist |

| TEXT BANDS Modifier | PAT |
|---|---|
| | OVB or overburden |
| | BX or breccia |
| | V or vein zone |
| | FG or fault gouge |

## SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 492866 m | 7091231 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1785 m | 1669 m |
| TOLERANCE +/- | 2.5 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 30°

N W E S

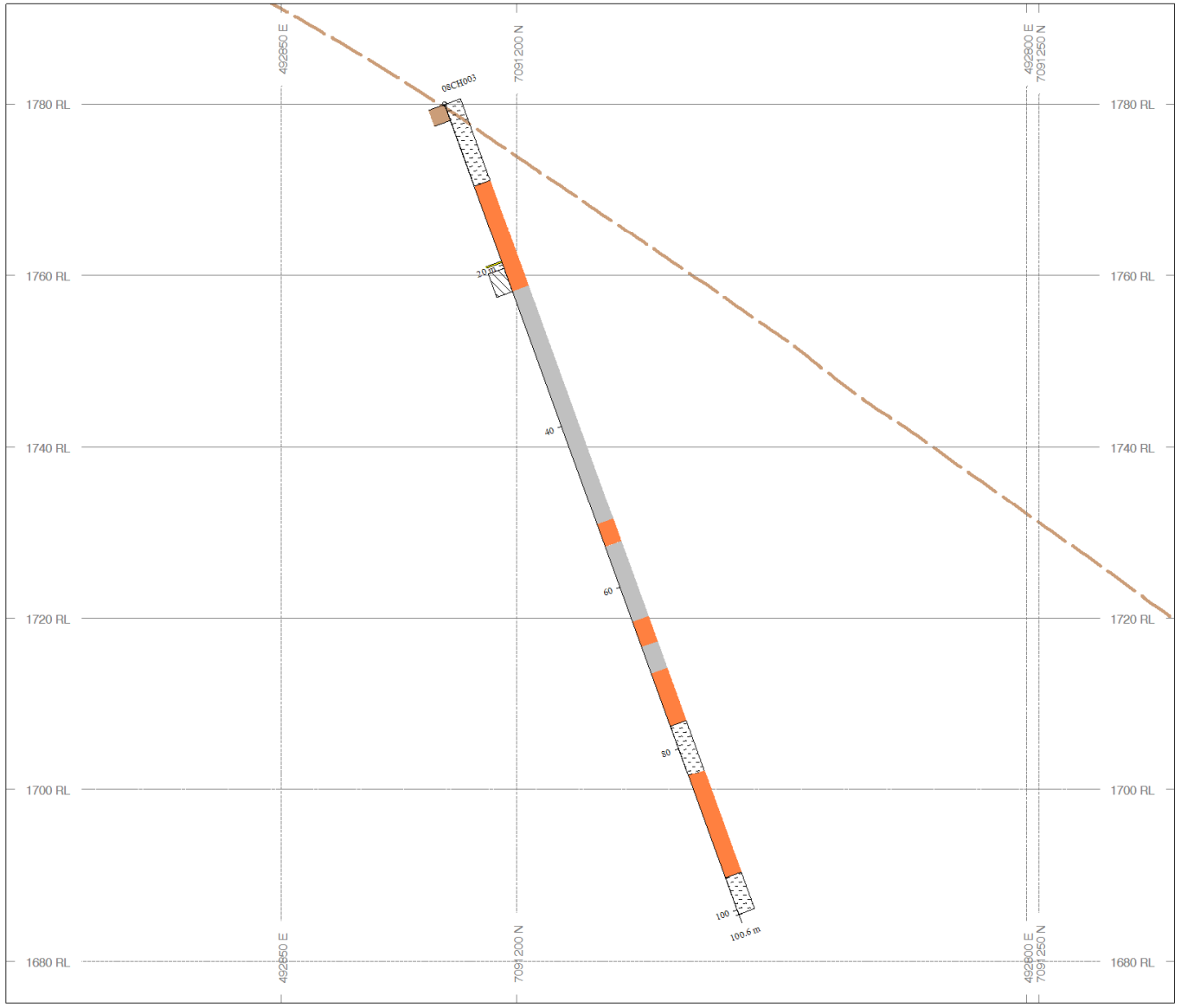
Monster Mining Corp.

**Caribou Hill- 2008 Diamond Drill Program**
**Figure 16. DDH Section- Holes 08CH001, 08CH002**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GQ | Grey quartzite |
| | | QSS | Quartz sericite schist |
| | | BGS | Black graphitic schist |

| TEXT BANDS | PAT | |
|---|---|---|
| Modifier | | OVB or overburden |
| | | BX or breccia |
| | | FG or fault gouge |

## SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 492829 m | 7091207 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1792 m | 1675 m |
| TOLERANCE +/- | 2.5 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 325°

N W E S

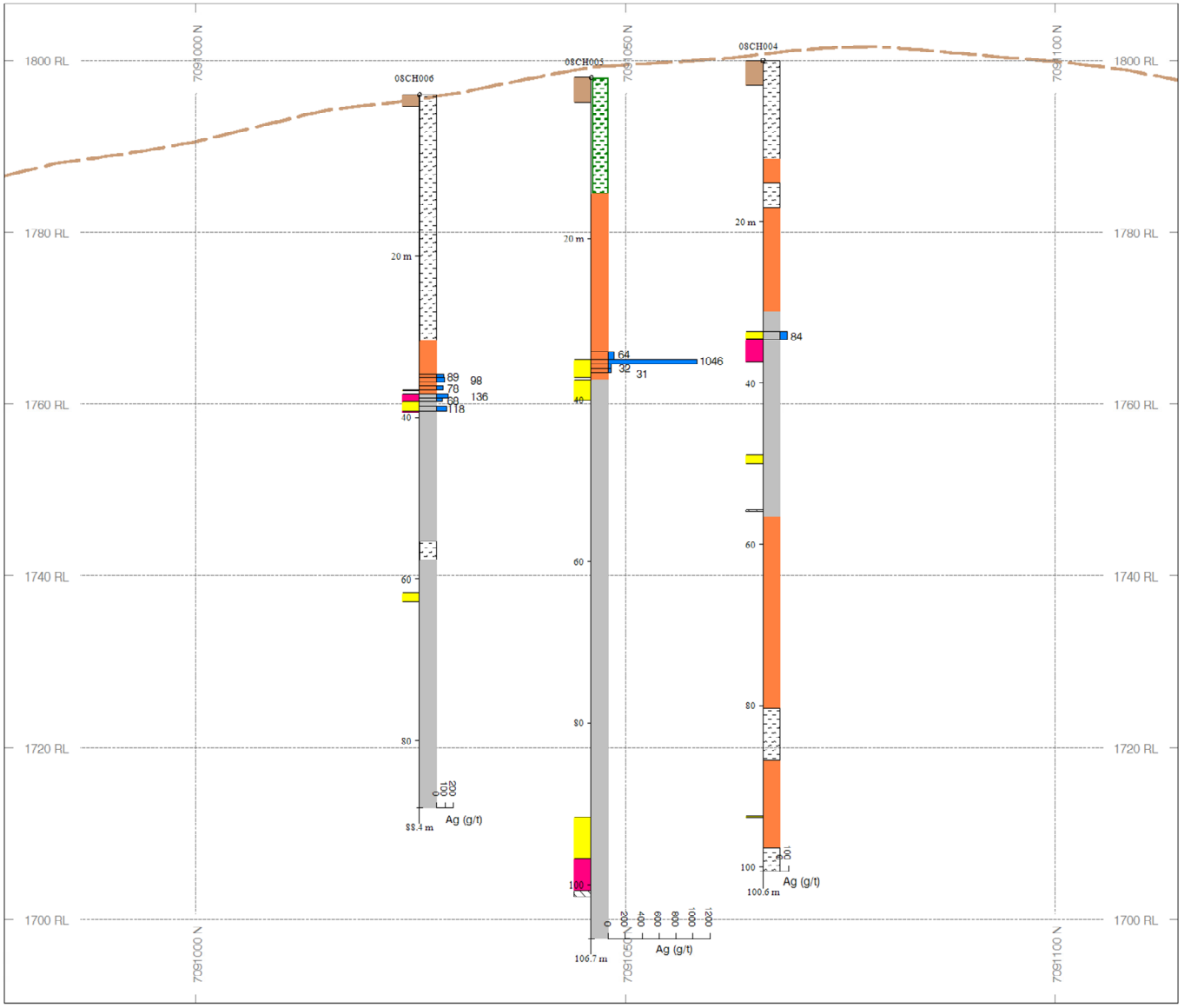
Monster Mining Corp.

**Caribou Hill- 2008 Diamond Drill Program**
**Figure 17. DDH Section- Holes 08CH003**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| BAR GRAPHS | L/R | COL |
|---|---|---|
| Ag (g/t) | R | |
| Au (g/t) | L | |

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GQ | Grey quartzite |
| | | QSS | Quartz sericite schist |
| | | BGS | Black graphitic schist |
| | | BDGS | Banded graphitic schist |

| TEXT BANDS | PAT |
|---|---|
| Modifier | OVB or overburden |
| | BX or breccia |
| | V or vein zone |
| | FG or fault gouge |

## SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 492812 m | 7091046 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1807 m | 1690 m |
| TOLERANCE +/- | 20.25 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 0°

N W E S

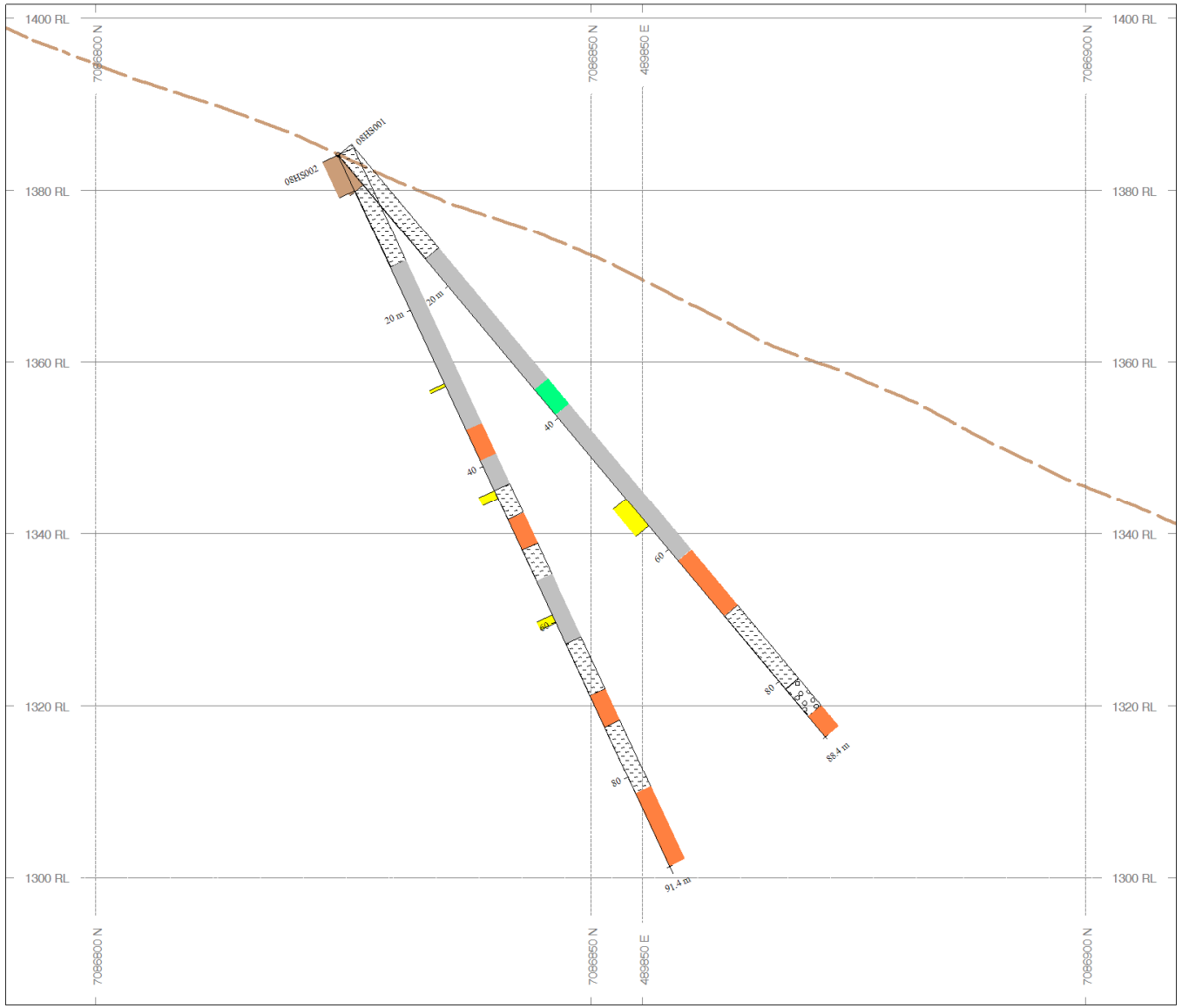
Monster Mining Corp.

**Caribou Hill- 2008 Diamond Drill Program**
**Figure 18. DDH Section- Holes 08CH004, 08CH005, 08CH006**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GST | Greenstone |
| | | GQ | Grey quartzite |
| | | FQTZ | Foliaform quartz |
| | | QSS | Quartz sericite schist |
| | | BGS | Black graphitic schist |

| TEXT BANDS | PAT | |
|---|---|---|
| Modifier | | OVB or overburden |
| | | BX or breccia |

SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 489853 m | 7086850 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1402 m | 1285 m |
| TOLERANCE +/- | 31.79 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 330°

N W E S

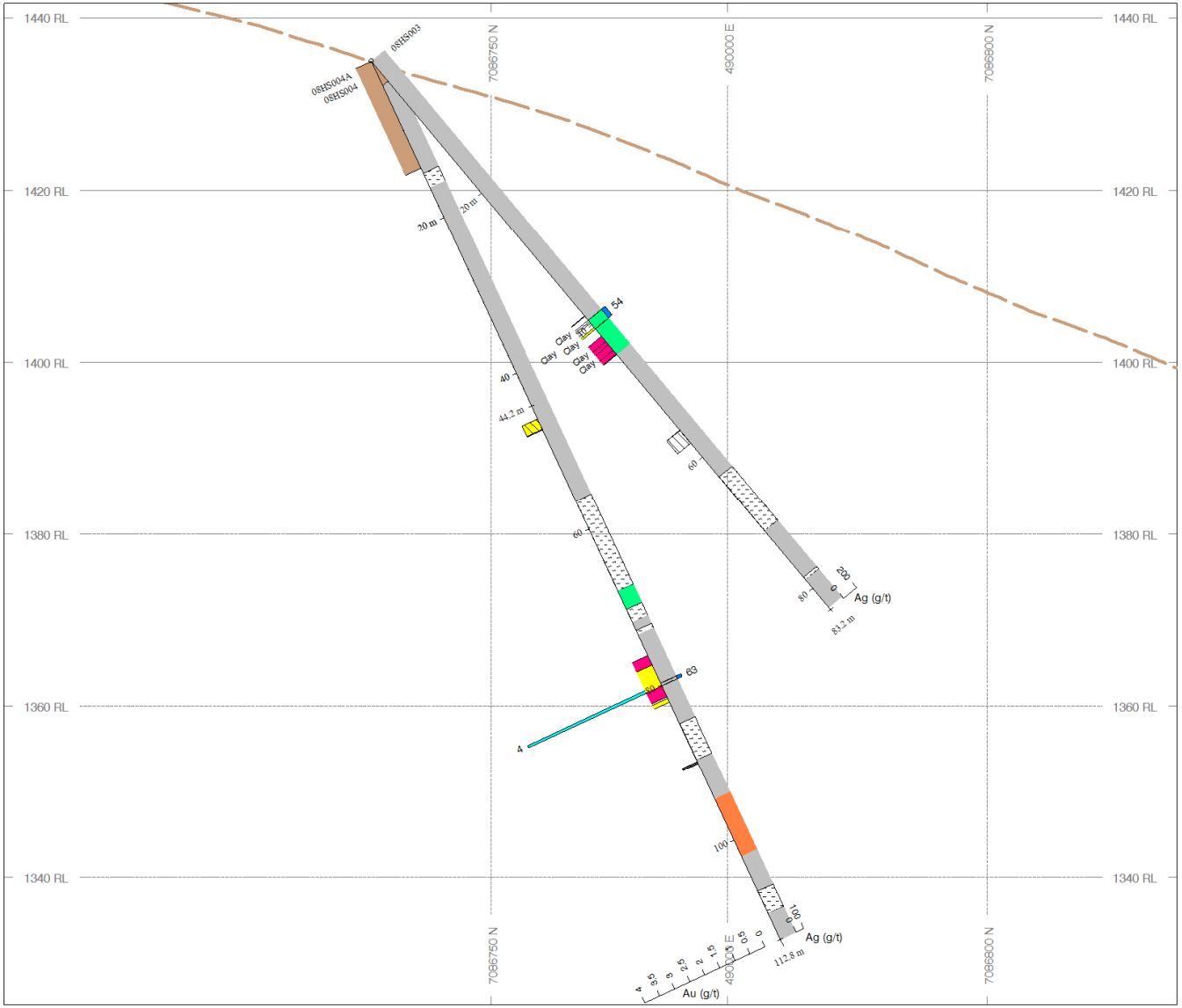
Monster Mining Corp.

**Homestake- 2008 Diamond Drill Program**
**Figure 19. DDH Section- Holes 08HS001, 08HS002**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| BAR GRAPHS | L/R | COL |
|---|---|---|
| Ag (g/t) | R | |
| Au (g/t) | L | |

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GST | Greenstone |
| | | GQ | Grey quartzite |
| | | QSS | Quartz sericite schist |
| | | BGS | Black graphitic schist |

| TEXT BANDS | PAT | |
|---|---|---|
| Modifier | | OVB or overburden |
| | | BX or breccia |
| | | V or vein zone |
| | | FG or fault gouge |

| POSTED TEXT | L/R | TEXT | ITEMS |
|---|---|---|---|
| ALT | L | ------ | All |

## SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 490008 m | 7086760 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1442 m | 1325 m |
| TOLERANCE +/- | 29.41 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 330°

N W E S

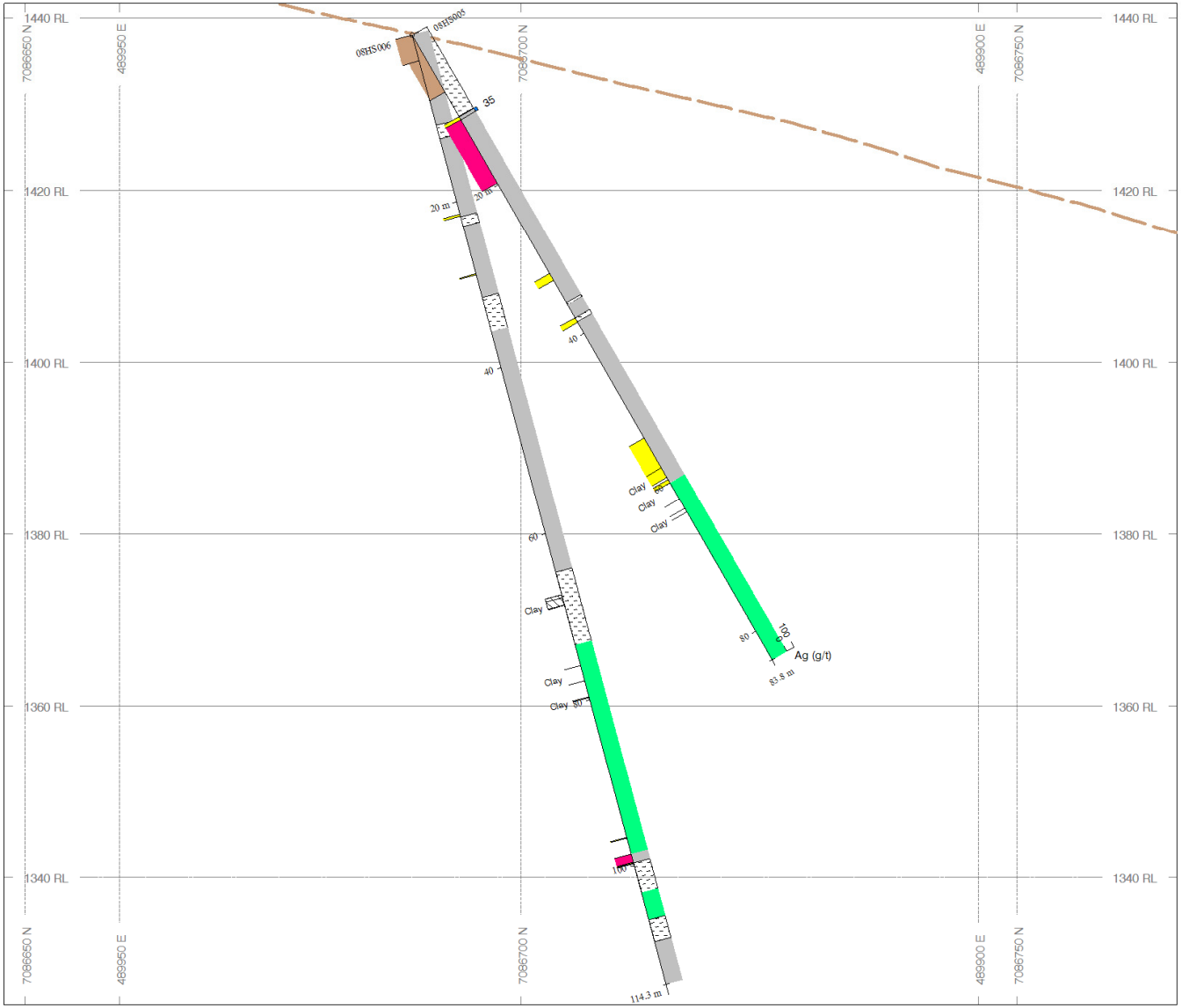
Monster Mining Corp.

**Homestake- 2008 Diamond Drill Program**
**Figure 20. DDH Section- Holes 08HS003, 08HS004, 08HS004A**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| BAR GRAPHS | L/R | COL |
|---|---|---|
| Ag (g/t) | R | |
| Au (g/t) | L | |

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GST | Greenstone |
| | | GQ | Grey quartzite |
| | | BGS | Black graphitic schist |

| TEXT BANDS | PAT | |
|---|---|---|
| Modifier | | OVB or overburden |
| | | BX or breccia |
| | | V or vein zone |
| | | FG or fault gouge |

| POSTED TEXT | L/R | TEXT | ITEMS |
|---|---|---|---|
| ALT | L | ------- | All |

## SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 489923 m | 7086707 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1442 m | 1325 m |
| TOLERANCE +/- | 23.05 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 330°

N W E S

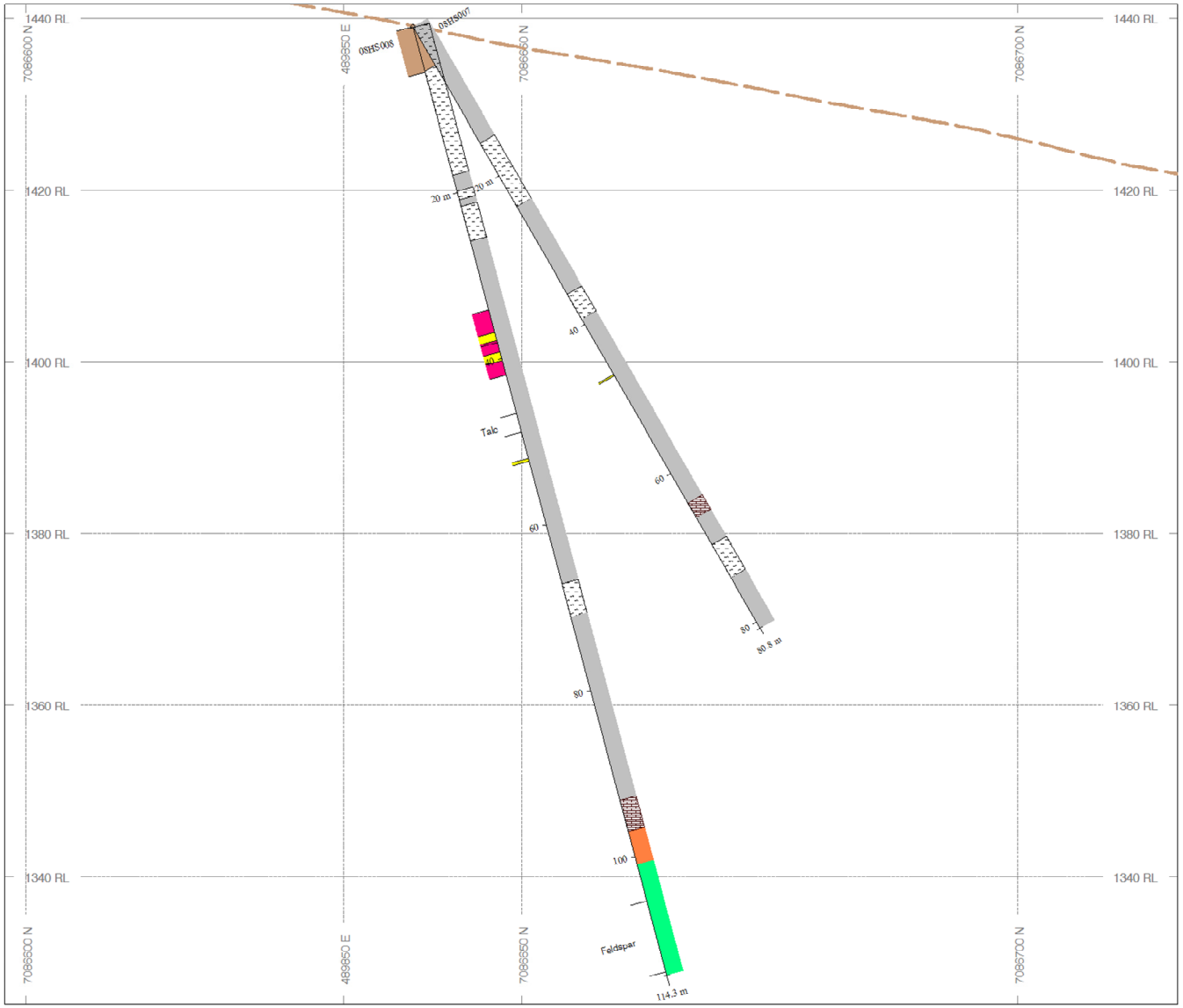
Monster Mining Corp.

**Homestake- 2008 Diamond Drill Program**
**Figure 21. DDH Section- Holes 08HS005, 08HS006**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GST | Greenstone |
| | | GQ | Grey quartzite |
| | | QSS | Quartz sericite schist |
| | | BGS | Black graphitic schist |
| | | LST | Limestone |

| TEXT BANDS | PAT | |
|---|---|---|
| Modifier | | OVB or overburden |
| | | BX or breccia |
| | | V or vein zone |

| POSTED TEXT | L/R | TEXT | ITEMS |
|---|---|---|---|
| ALT | L | ------- | All |

SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 489836 m | 7086657 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1442 m | 1325 m |
| TOLERANCE +/- | 23.05 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 330°

N W E S

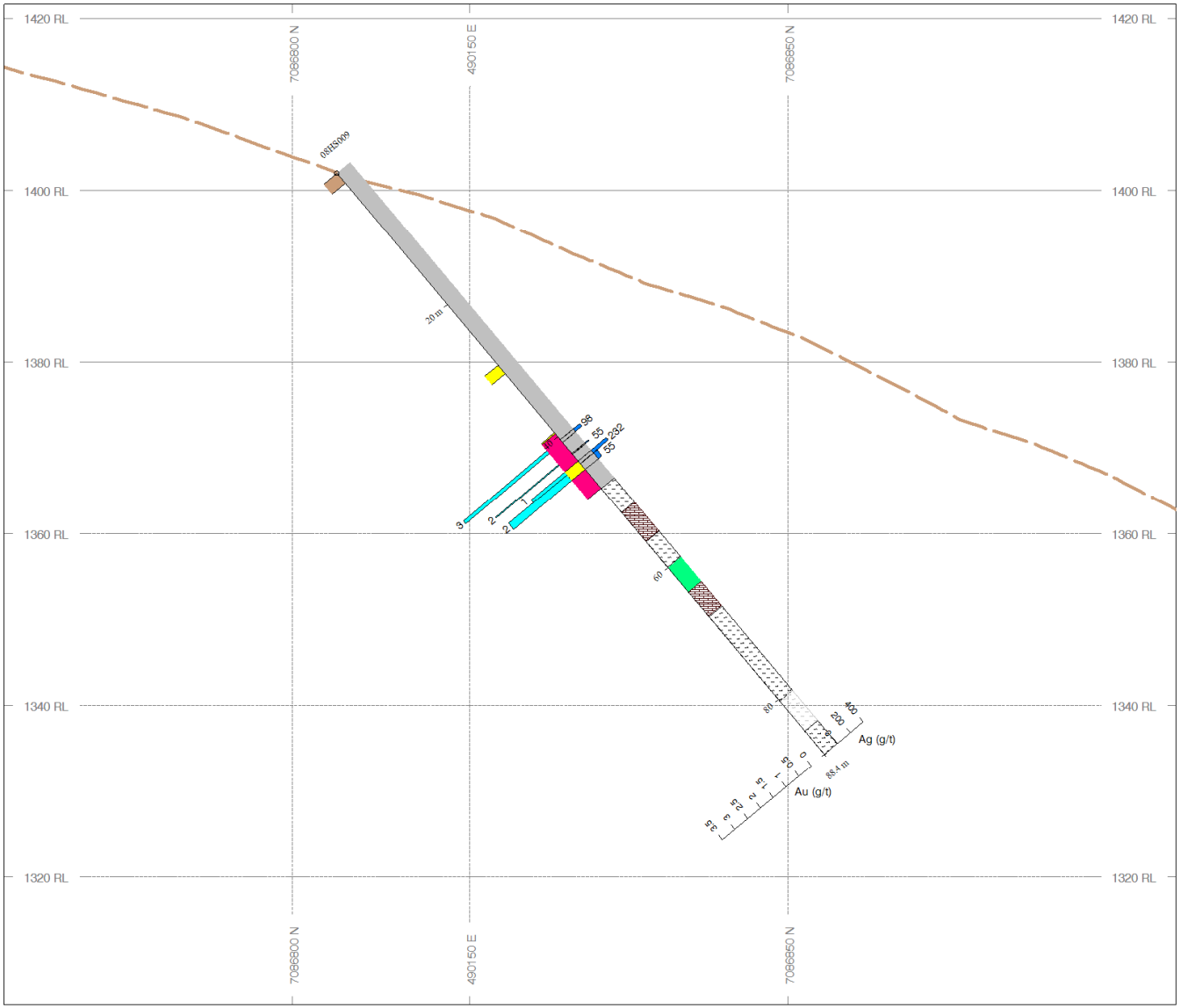
Monster Mining Corp.

**Homestake- 2008 Diamond Drill Program**
**Figure 22. DDH Section- Holes 08HS007, 08HS008**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| BAR GRAPHS | L/R | COL |
|---|---|---|
| Ag (g/t) | R | |
| Au (g/t) | L | |

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GST | Greenstone |
| | | GQ | Grey quartzite |
| | | BGS | Black graphitic schist |
| | | GGS | Grey graphitic schist |
| | | LST | Limestone |

| TEXT BANDS | PAT | |
|---|---|---|
| Modifier | | OVB or overburden |
| | | BX or breccia |
| | | V or vein zone |

## SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 490143 m | 7086830 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1422 m | 1305 m |
| TOLERANCE +/- | 31.25 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 330°

N W E S

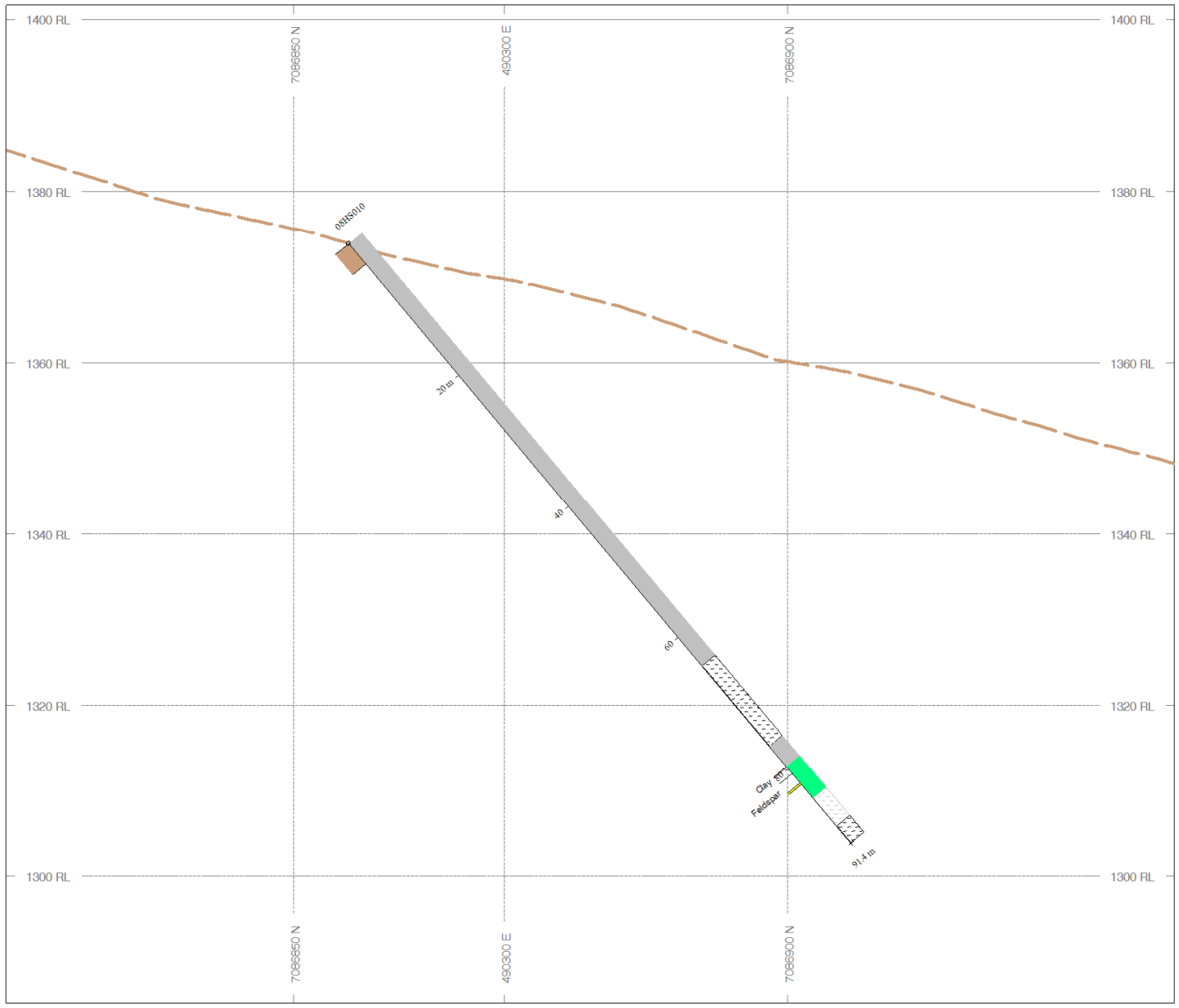
Monster Mining Corp.

**Homestake- 2008 Diamond Drill Program**
**Figure 23. DDH Section- Holes 08HS009**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GST | Greenstone |
| | | GQ | Grey quartzite |
| | | BGS | Black graphitic schist |
| | | GGS | Grey graphitic schist |

| TEXT BANDS | PAT | |
|---|---|---|
| Modifier | | OVB or overburden |
| | | BX or breccia |

| POSTED TEXT | L/R | TEXT | ITEMS |
|---|---|---|---|
| ALT | L | ------ | All |

## SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 490295 m | 7086880 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1402 m | 1285 m |
| TOLERANCE +/- | 32.32 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 330°

N W E S

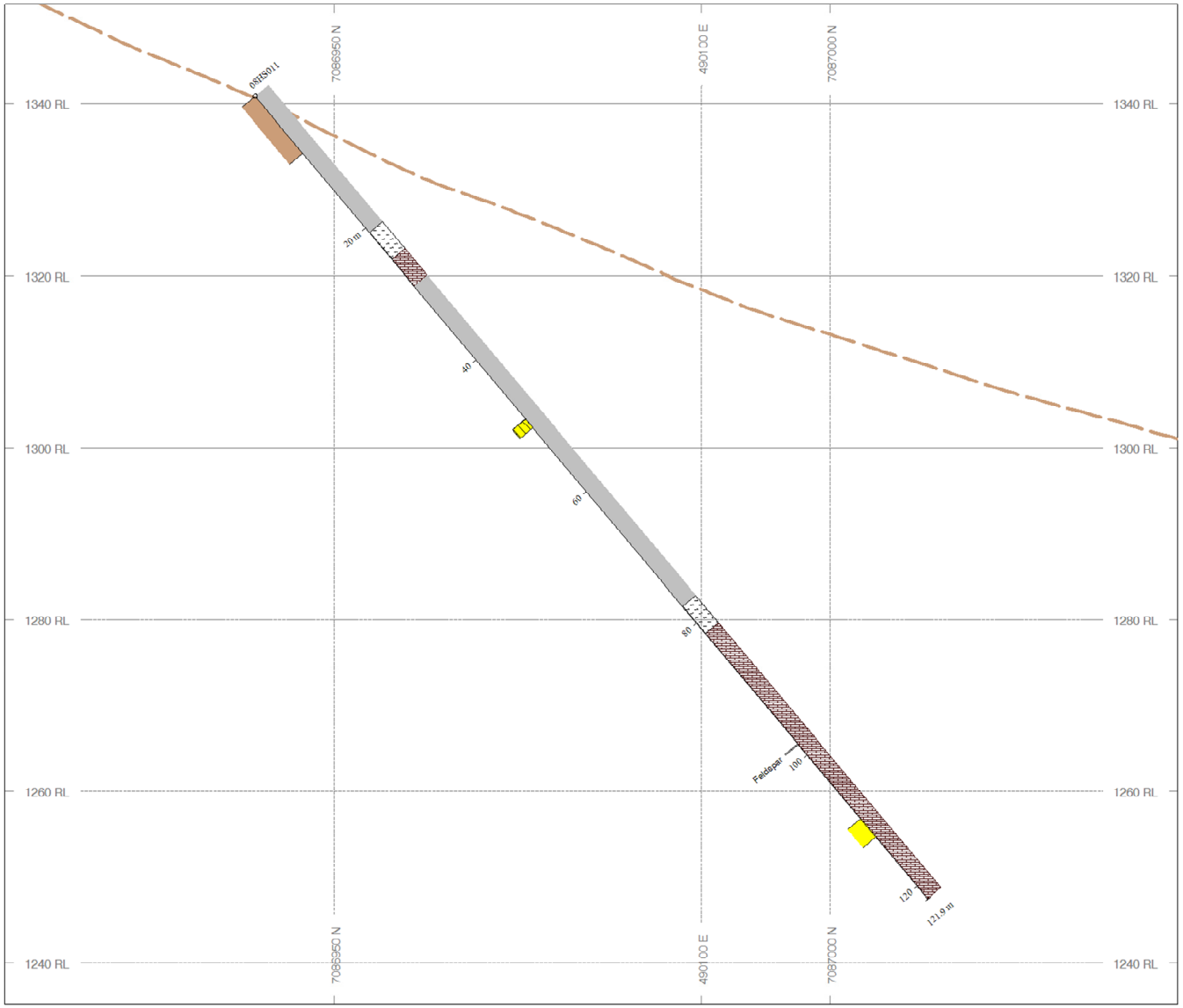
Monster Mining Corp.

**Homestake- 2008 Diamond Drill Program**
**Figure 24. DDH Section- Holes 08HS010**

NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

***Stewart Basin Exploration***




MONSTER MINING CORP.

| ROCK CODES | PAT | LABEL | DESCRIPTION |
|---|---|---|---|
| Litho | | GQ | Grey quartzite |
| | | BGS | Black graphitic schist |
| | | LST | Limestone |

| TEXT BANDS | PAT | |
|---|---|---|
| Modifier | | OVB or overburden |
| | | BX or breccia |
| | | FG or fault gouge |

| POSTED TEXT | L/R | TEXT | ITEMS |
|---|---|---|---|
| ALT | L | ------- | All |

## SECTION SPECS:

| | | |
|---|---|---|
| REF. PT. E, N | 490106 m | 7086976 m |
| EXTENTS | 136.6 m | 116.5 m |
| SECTION TOP, BOT | 1352 m | 1235 m |
| TOLERANCE +/- | 0.5 m | |

SCALE 1 : 500

(m)

-5 0 5 10 15 20

NAD83 / UTM zone 8N

AZIMUTH = 330°

N W E S

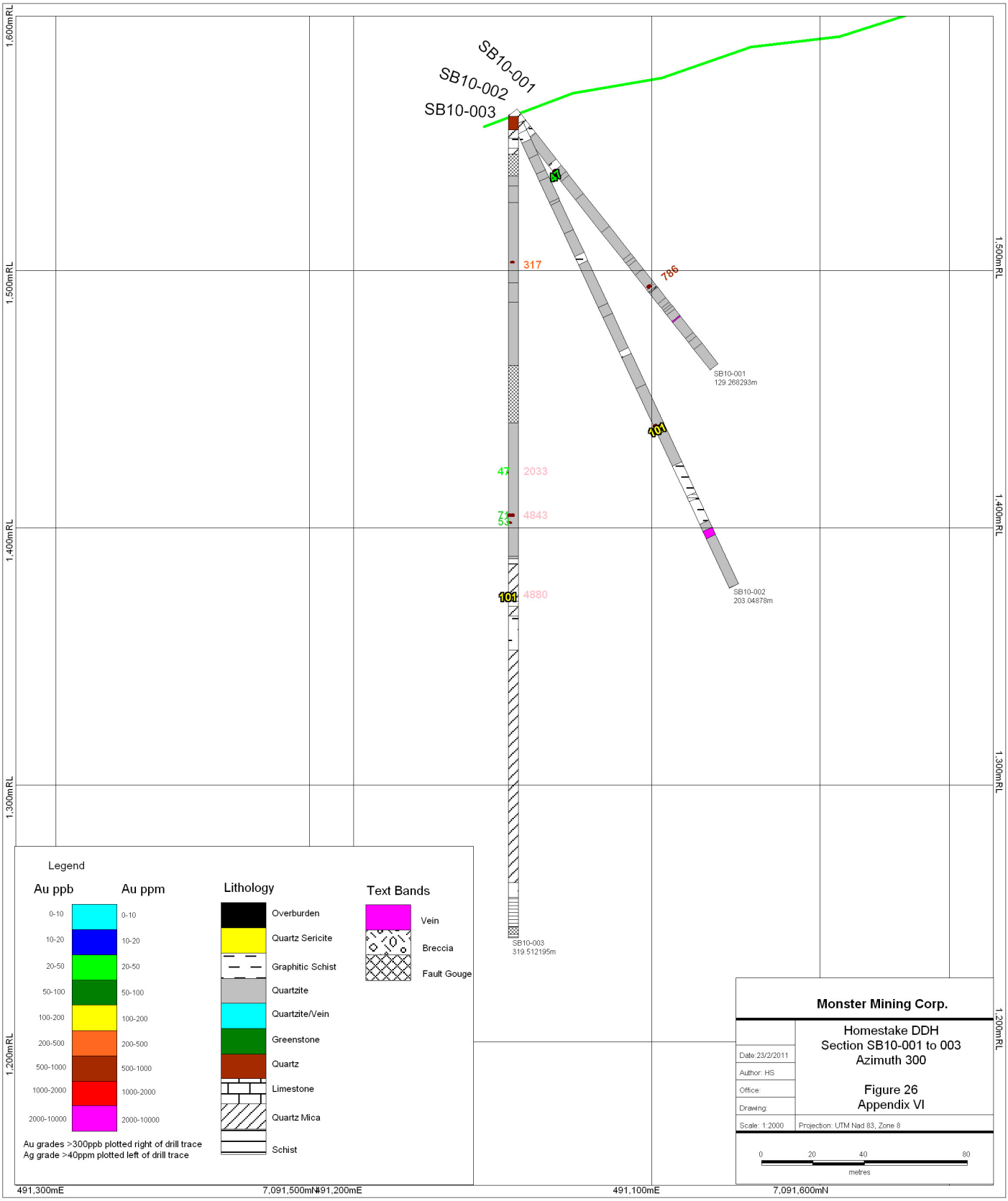
Monster Mining Corp.

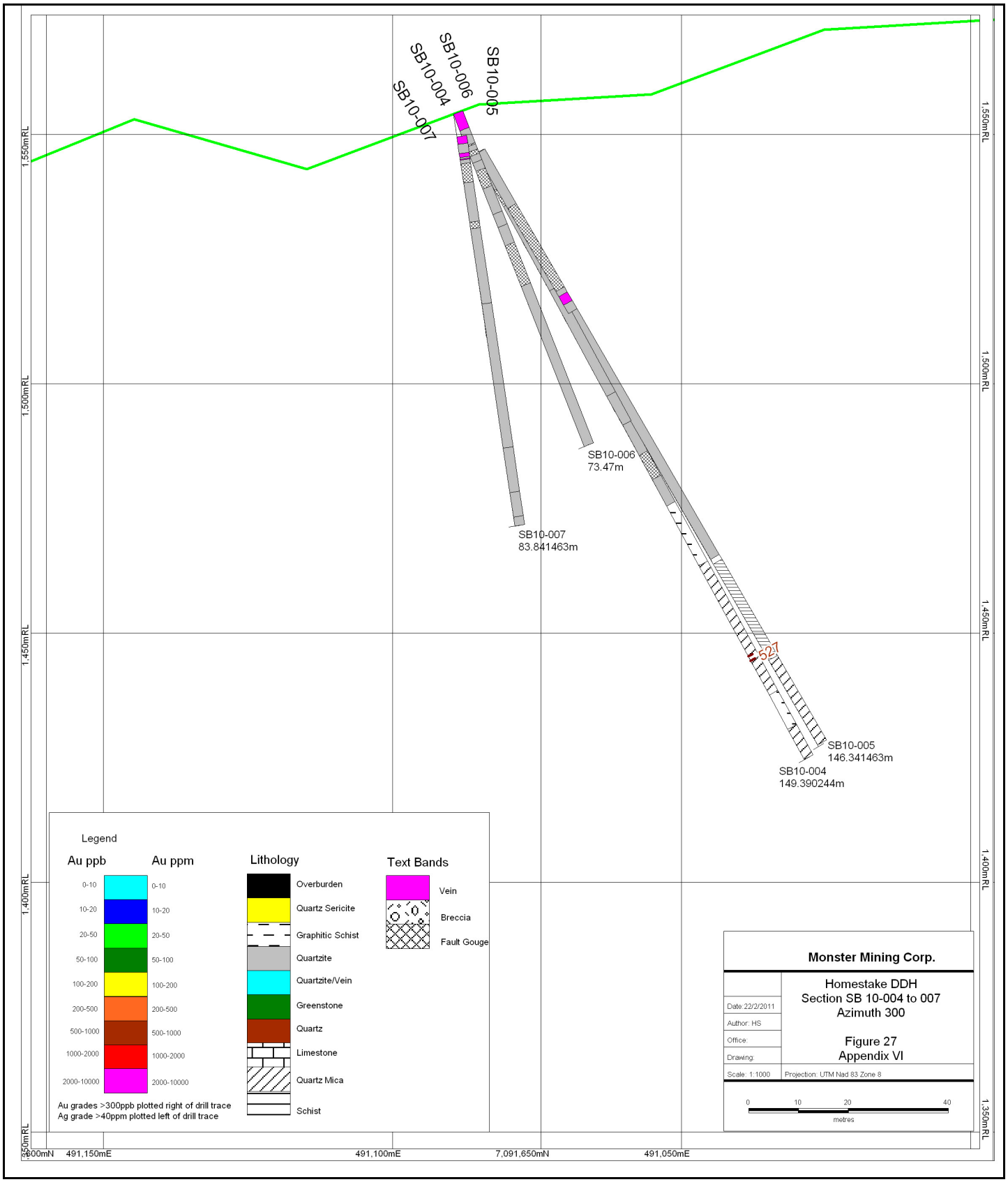
**Homestake- 2008 Diamond Drill Program**
**Figure 25. DDH Section- Holes 08HS011**

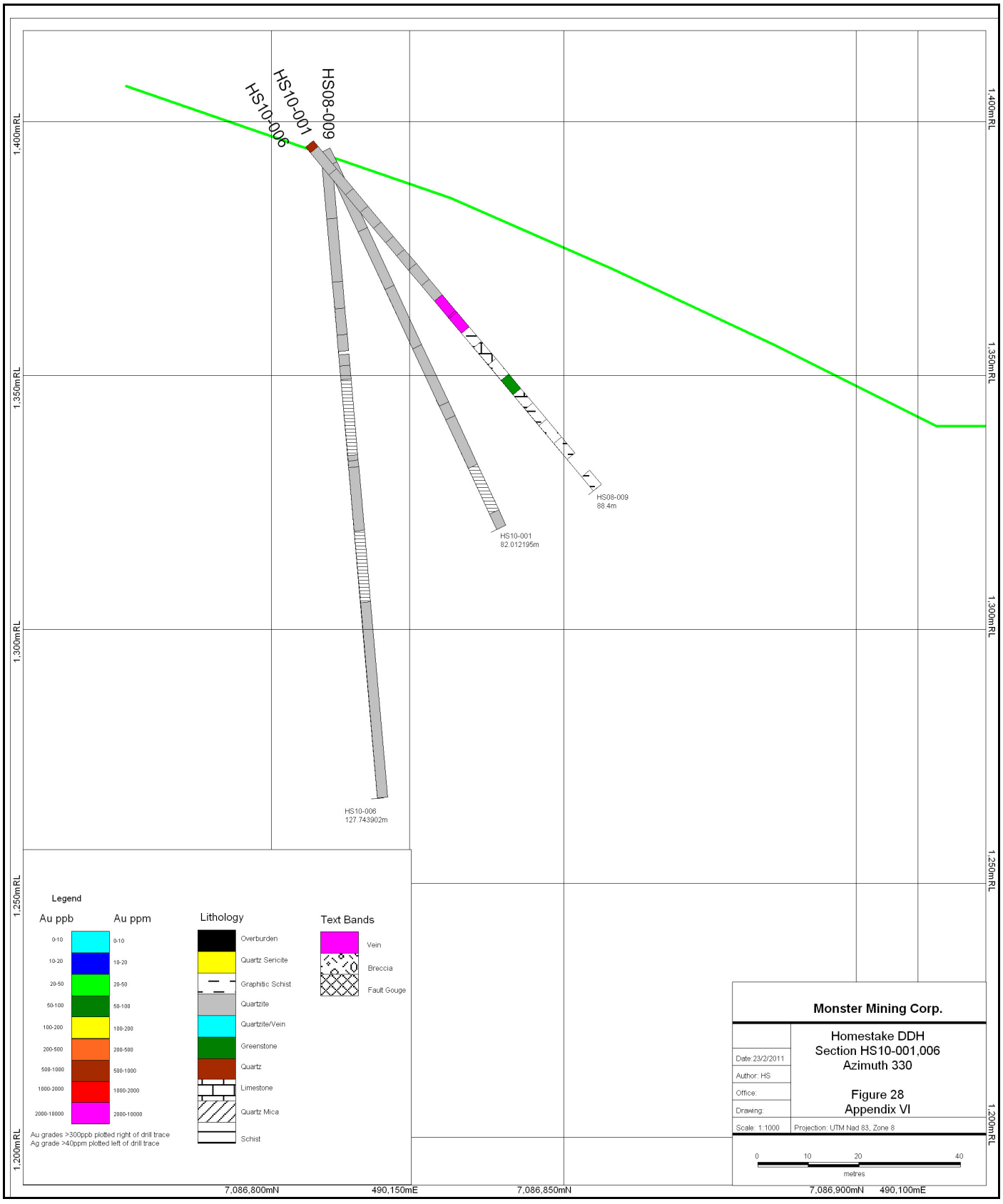
NTS Map-sheet- 105M/14
Datum- NAD 83
Drafted by- R. Stirling

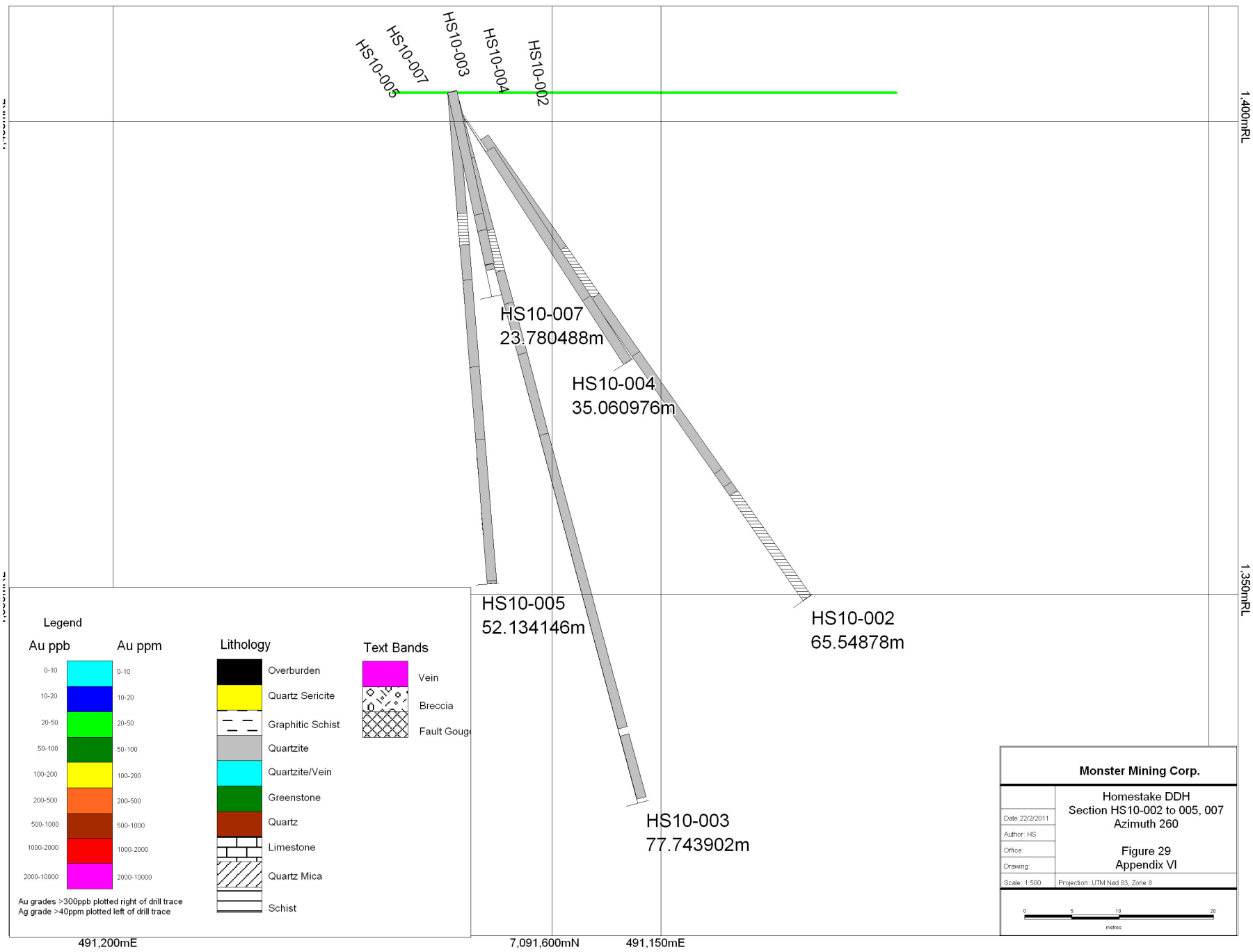
Mining District- Mayo
UTM- Zone 8N
Date- March 11, 2010

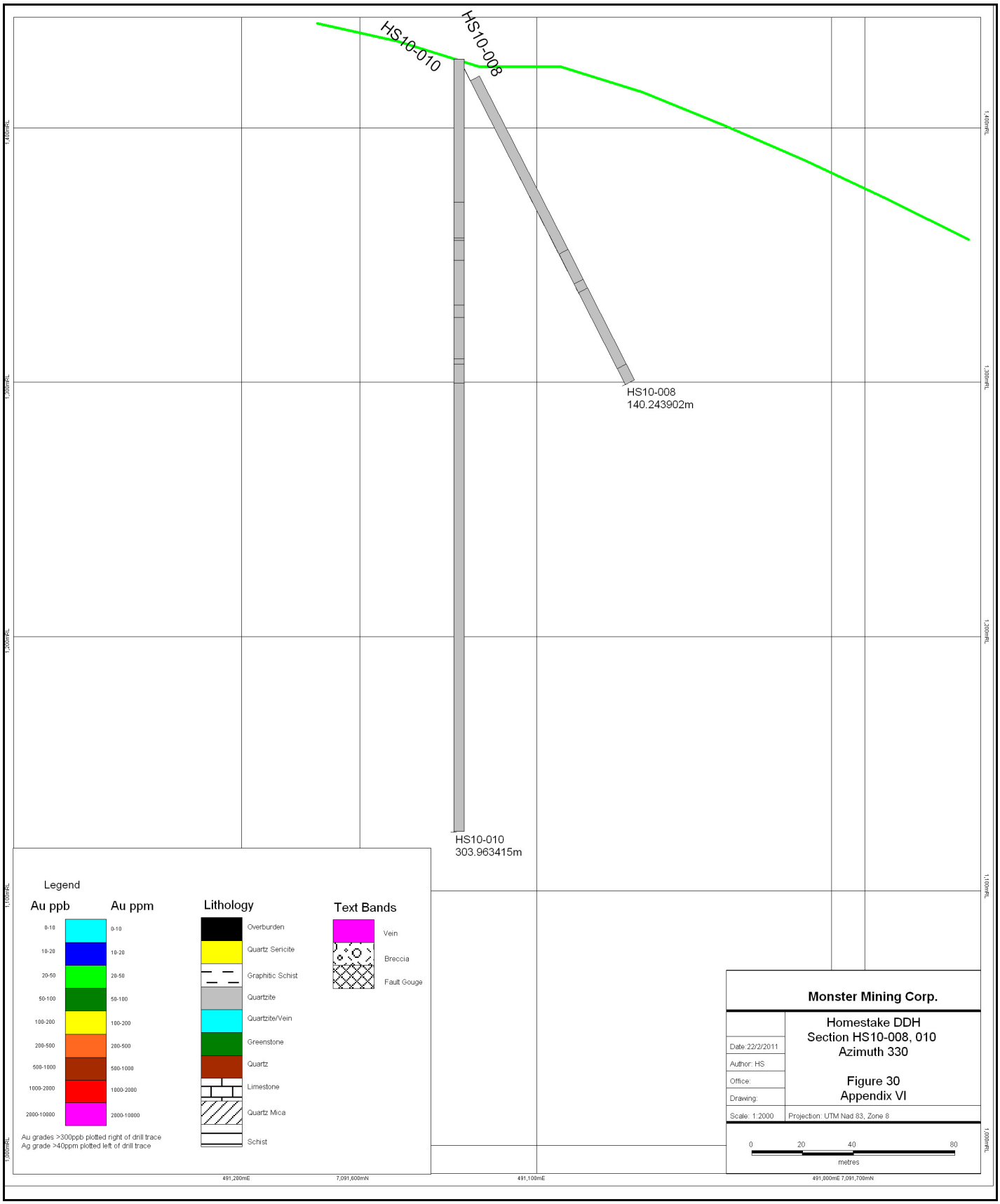
***Stewart Basin Exploration***

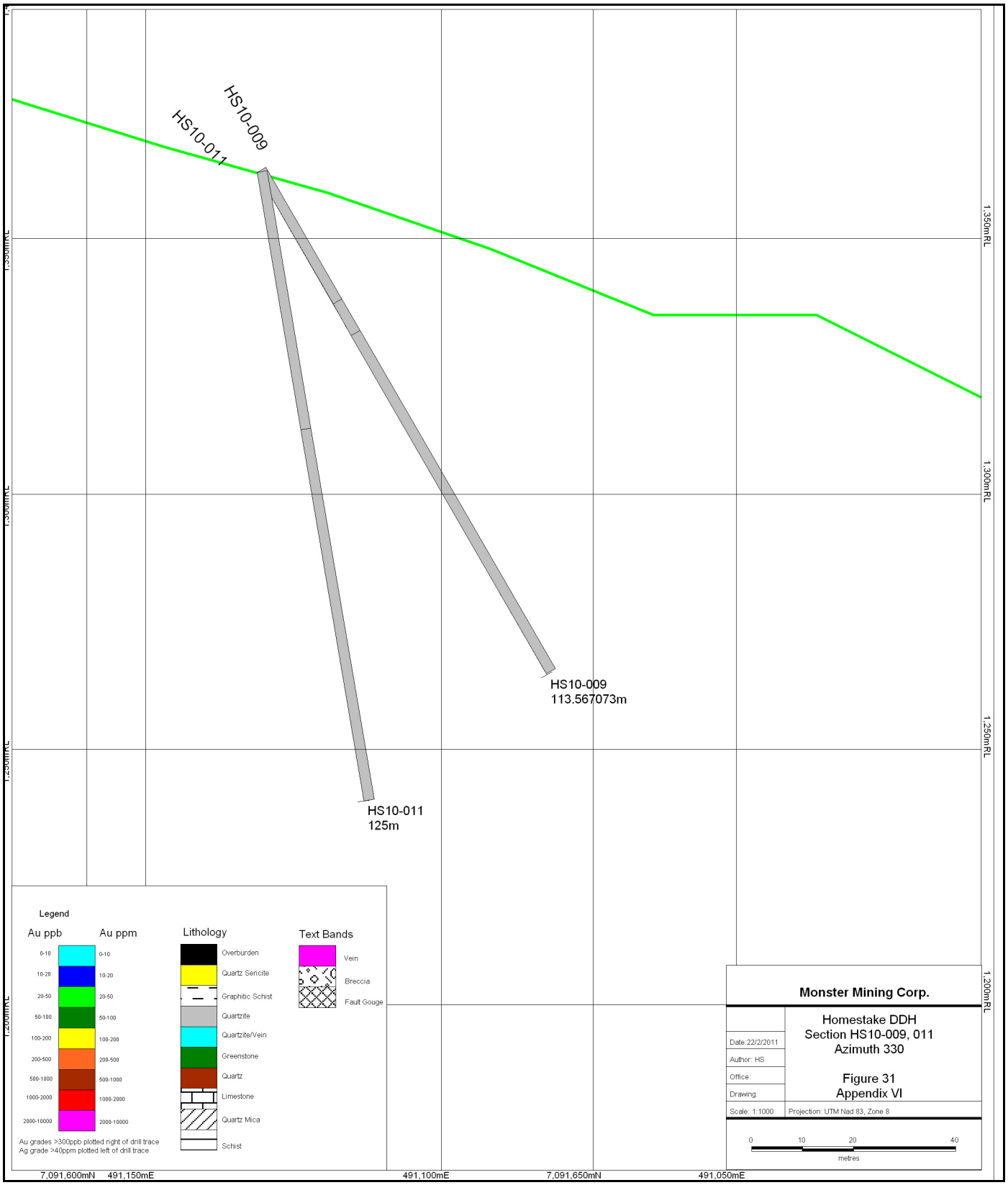

SB10-001
SB10-002
SB10-003
317
786
2033
4843
4880
SB10-001
129.268293m
SB10-002
203.04878m
SB10-003
319.512195m
1,600mRL
1,500mRL
1,400mRL
1,300mRL
1,200mRL
491,300mE
7,091,500mN
491,200mE
491,100mE
7,091,600mN
Legend
Au ppb
Au ppm
0-10
10-20
20-50
50-100
100-200
200-500
500-1000
1000-2000
2000-10000
Au grades >300ppb plotted right of drill trace
Ag grade >40ppm plotted left of drill trace
Lithology
Overburden
Quartz Sericite
Graphitic Schist
Quartzite
Quartzite/Vein
Greenstone
Quartz
Limestone
Quartz Mica
Schist
Text Bands
Vein
Breccia
Fault Gouge
Monster Mining Corp.
Homestake DDH
Section SB10-001 to 003
Azimuth 300
Figure 26
Appendix VI
Date:23/2/2011
Author: HS
Office:
Drawing:
Scale: 1:2000
Projection: UTM Nad 83, Zone 8
0
20
40
80
metres

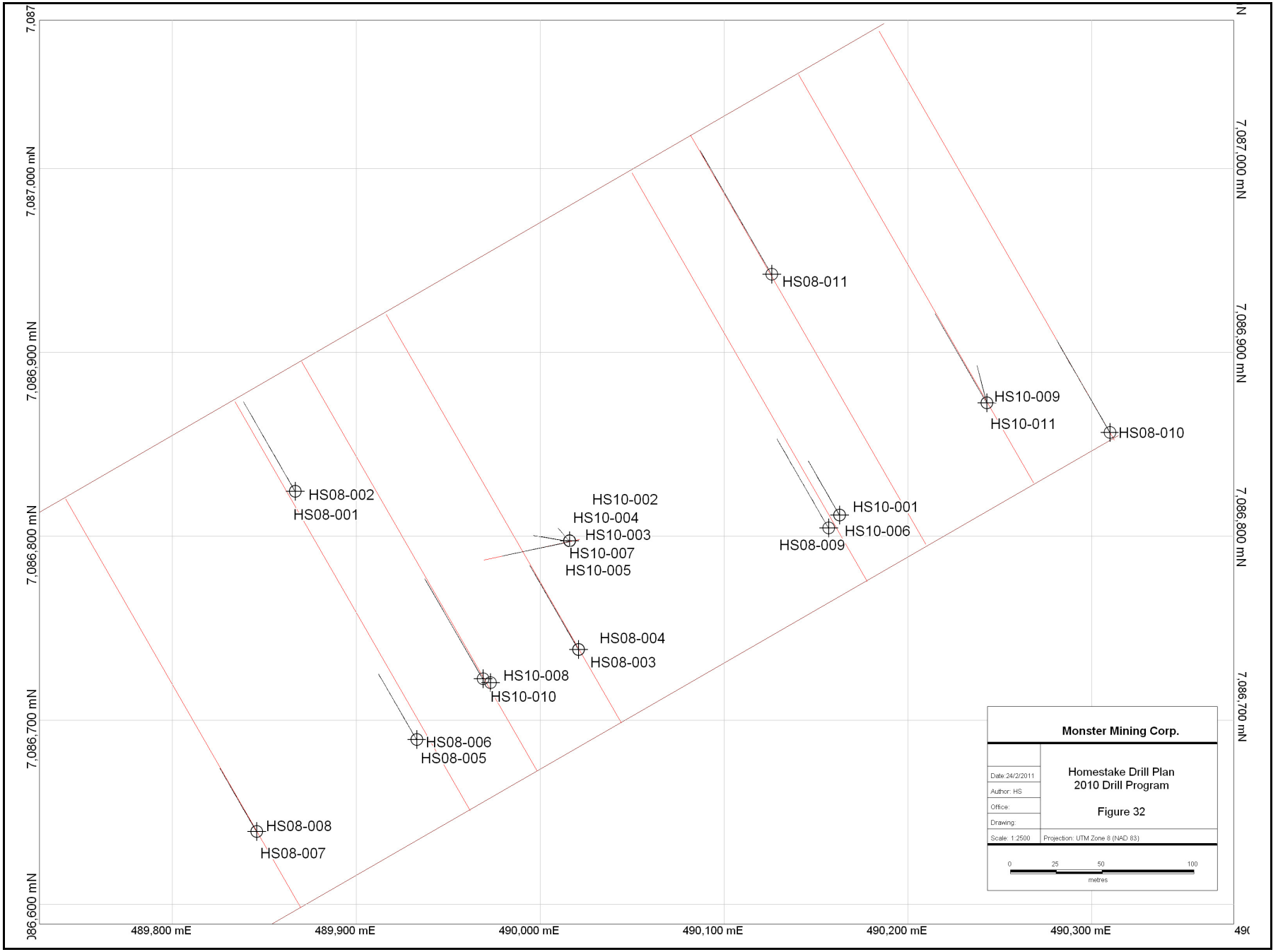

SB10-007
SB10-004
SB10-006
SB10-005
SB10-006
73.47m
SB10-007
83.841463m
SB10-005
146.341463m
SB10-004
149.390244m
1,550mRL
1,500mRL
1,450mRL
1,400mRL
1,350mRL
7,091,600mN
491,150mE
491,100mE
7,091,650mN
491,050mE
Legend
Au ppb
Au ppm
0-10
10-20
20-50
50-100
100-200
200-500
500-1000
1000-2000
2000-10000
Au grades >300ppb plotted right of drill trace
Ag grade >40ppm plotted left of drill trace
Lithology
Overburden
Quartz Sericite
Graphitic Schist
Quartzite
Quartzite/Vein
Greenstone
Quartz
Limestone
Quartz Mica
Schist
Text Bands
Vein
Breccia
Fault Gouge
Monster Mining Corp.
Homestake DDH
Section SB 10-004 to 007
Azimuth 300
Figure 27
Appendix VI
Date: 22/2/2011
Author: HS
Office:
Drawing:
Scale: 1:1000
Projection: UTM Nad 83 Zone 8
0
10
20
40
metres


HS10-006
HS10-001
600-80SH
1,400mRL
1,350mRL
1,300mRL
1,250mRL
1,200mRL
HS08-009
86.4m
HS10-001
82.012195m
HS10-006
127.743902m
7,086,800mN
490,150mE
7,086,850mN
7,086,900mN
490,100mE
Legend
Au ppb
Au ppm
0-10
10-20
20-50
50-100
100-200
200-500
500-1000
1000-2000
2000-10000
Au grades >300ppb plotted right of drill trace
Ag grade >40ppm plotted left of drill trace
Lithology
Overburden
Quartz Sericite
Graphitic Schist
Quartzite
Quartzite/Vein
Greenstone
Quartz
Limestone
Quartz Mica
Schist
Text Bands
Vein
Breccia
Fault Gouge
Monster Mining Corp.
Homestake DDH
Section HS10-001,006
Azimuth 330
Figure 28
Appendix VI
Date:23/2/2011
Author: HS
Office:
Drawing:
Scale: 1:1000
Projection: UTM Nad 83, Zone 8
0
10
20
40
metres


HS10-005
HS10-007
HS10-003
HS10-004
HS10-002
HS10-007
23.780488m
HS10-004
35.060976m
HS10-005
52.134146m
HS10-002
65.54878m
HS10-003
77.743902m
1,400mRL
1,350mRL
491,200mE
7,091,600mN
491,150mE
Legend
Au ppb
Au ppm
0-10
10-20
20-50
50-100
100-200
200-500
500-1000
1000-2000
2000-10000
Au grades >300ppb plotted right of drill trace
Ag grade >40ppm plotted left of drill trace
Lithology
Overburden
Quartz Sericite
Graphitic Schist
Quartzite
Quartzite/Vein
Greenstone
Quartz
Limestone
Quartz Mica
Schist
Text Bands
Vein
Breccia
Fault Gouge
Monster Mining Corp.
Homestake DDH
Section HS10-002 to 005, 007
Azimuth 260
Figure 29
Appendix VI
Date: 22/2/2011
Author: HS
Office:
Drawing:
Scale: 1:500
Projection: UTM Nad 83, Zone 8
0
5
10
20
metres


HS10-010
HS10-008
HS10-008
140.243902m
HS10-010
303.963415m
1,400mRL
1,300mRL
1,200mRL
1,100mRL
1,000mRL
Legend
Au ppb
Au ppm
0-10
10-20
20-50
50-100
100-200
200-500
500-1000
1000-2000
2000-10000
Au grades >300ppb plotted right of drill trace
Ag grade >40ppm plotted left of drill trace
Lithology
Overburden
Quartz Sericite
Graphitic Schist
Quartzite
Quartzite/Vein
Greenstone
Quartz
Limestone
Quartz Mica
Schist
Text Bands
Vein
Breccia
Fault Gouge
491,200mE
7,091,600mN
491,100mE
491,000mE 7,091,700mN
Monster Mining Corp.
Homestake DDH
Section HS10-008, 010
Azimuth 330
Figure 30
Appendix VI
Date:22/2/2011
Author: HS
Office:
Drawing:
Scale: 1:2000
Projection: UTM Nad 83, Zone 8
0
20
40
80
metres


HS10-011
HS10-009
HS10-009
113.567073m
HS10-011
125m
1,350mRL
1,300mRL
1,250mRL
1,200mRL
7,091,600mN
491,150mE
491,100mE
7,091,650mN
491,050mE
Legend
Au ppb
Au ppm
0-10
10-20
20-50
50-100
100-200
200-500
500-1000
1000-2000
2000-10000
Au grades >300ppb plotted right of drill trace
Ag grade >40ppm plotted left of drill trace
Lithology
Overburden
Quartz Sericite
Graphitic Schist
Quartzite
Quartzite/Vein
Greenstone
Quartz
Limestone
Quartz Mica
Schist
Text Bands
Vein
Breccia
Fault Gouge
Monster Mining Corp.
Homestake DDH
Section HS10-009, 011
Azimuth 330
Figure 31
Appendix VI
Date:22/2/2011
Author: HS
Office:
Drawing:
Scale: 1:1000
Projection: UTM Nad 83, Zone 8
0
10
20
40
metres


HS08-011
HS10-009
HS10-011
HS08-010
HS08-002
HS08-001
HS10-002
HS10-004
HS10-003
HS10-007
HS10-005
HS10-001
HS10-006
HS08-009
HS08-004
HS08-003
HS10-008
HS10-010
HS08-006
HS08-005
HS08-008
HS08-007
7,087,000 mN
7,086,900 mN
7,086,800 mN
7,086,700 mN
7,086,600 mN
489,800 mE
489,900 mE
490,000 mE
490,100 mE
490,200 mE
490,300 mE
Monster Mining Corp.
Homestake Drill Plan
2010 Drill Program
Figure 32
Date: 24/2/2011
Author: HS
Office:
Drawing:
Scale: 1:2500
Projection: UTM Zone 8 (NAD 83)
0
25
50
100
metres

# Appendix VI
# Statement of Expenditures

| | | |
|---|---|---|
| **2008 Phase 2:** | | |
| **Wages:** | Contract Geological Staff | 167,269.05 |
| **Diamond Drilling:** | Kluane Drilling, Whitehorse, Yukon | 293,918.36 |
| **Rotary-Air Blast Drilling:** | Stan Dodd Drilling, Whitehorse, Yukon | 77,697.00 |
| **Geochemistry:** | samples (includes shipping) | 3,895.68 |
| **Trenching:** | Troy Taylor, Mayo, Yukon Territory | 138,232.75 |
| **Fuel:** | | 39,120.68 |
| **Room and Board:** | Keno City Snack Bar | 61,089.40 |
| **Travel & Accommodation** | | 4,197.23 |
| **Equipment Rental:** | | 46,084.05 |
| **Field Supplies:** | | 6,680.12 |
| **Transportation** | (includes Helicopter) | 24, 869.89 |
| **Report, Drafting &Copies:** | | 38,219.90 |
| **Other:** | (includes XRF analysis) | 140,000.00 |
| **2008 Phase 2 TOTAL:** | | **1,016,404.22** |
| **2008 Phase 1:** | | |
| **Wages:** | 14 man-days | **8,050.00** |
| **Geochemistry:** | 39 samples (includes shipping) | 1,665.00 |
| **Trenching:** | Troy Taylor, Mayo, Yukon | 13,059.00 |
| **Fuel:** | | **310.00** |
| **Room and Board:** | Keno City Snack Bar | 1,680.00 |
| **Equipment Rental:** | Trucks, ATVs, radios | **1,600.00** |
| **Field Supplies:** | (flagging tape, batteries, sample bags, markers, tags) | 250.00 |
| **Report, Drafting & Copies:** | | **3,050.00** |
| **2008 Phase 1 TOTAL:** | | **29,664.00** |
| **2007** | | |
| **Wages:** | 54.5 man-days | **26,350.00** |
| **Geochemistry:** | 71 rocks (includes shipping) | 3,103.00 |
| **Equipment Rental:** | (trucks, ATVs, trailer, radios) | **7,454.00** |
| **Line Cutting:** | Mayo, Yukon | 5,900.00 |
| **Geophysics:** | Aurora Geosciences, Whitehorse, Yukon | 12,719.09 |
| **Trenching:** | J&B Contracting, Mayo, Yukon | 48,950.80 |
| **Fuel:** | | **601.84** |
| **Room, Board & Groceries:** | Keno City Snack Bar | 7,893.18 |
| **Field Supplies:** | (flagging tape, batteries, sample bags, markers, tags) | 275.00 |
| **Report, Drafting & Copies:** | | **7,100.00** |
| **2007 TOTAL:** | | **120,346.91** |
| **2007-2008 TOTAL:** | | **1,166,415.13** |