TECHNICAL REPORT ON THE SNIP NORTH PROPERRTY

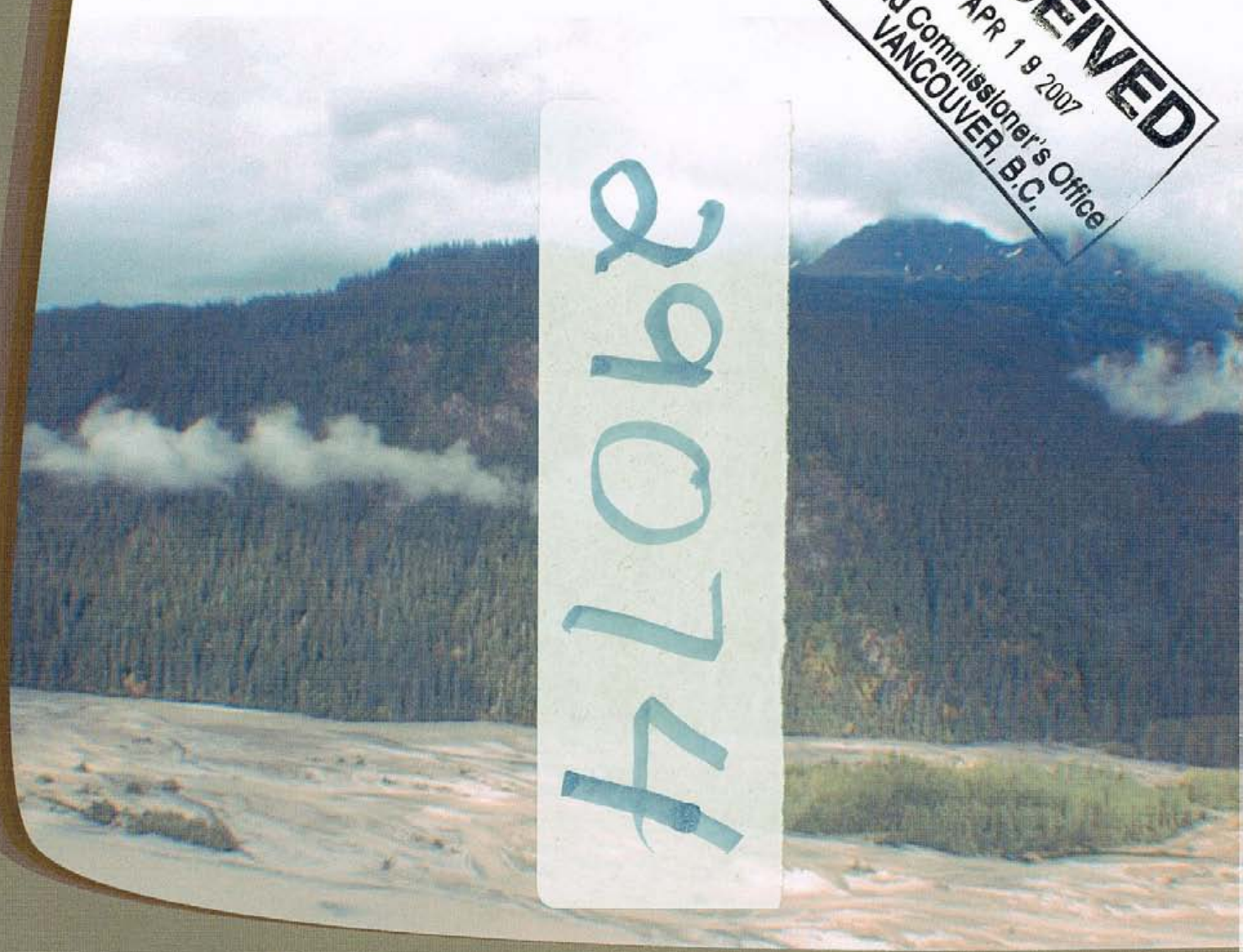
ISKUT RIVER AREA, LIARD MINING DIVISION
BRITISH COLUMBIA, CANADA

Claim: Snip North - Tenure #392387
NTS Sheets 104B/11W

Technical Report Prepared for: **Newcastle Minerals Ltd.**
Victoria, B. C., Canada

Prepared by: **D. G. DuPre, P Geo.**

Date of Report: **February 27, 2007**



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1.0 SUMMARY

The Snip North property is located in north-western British Columbia – approximately 300 kilometres by aircraft from Smithers. The 400-hectare property is wholly-owned by Newcastle Minerals Ltd..

The styles of mineralization found on the claim are similar to those found at the Snip mine and the Bronson Slope deposit, located to the south-west of the Snip North Property. Several previous phases of exploration have been carried out and mainly comprise geological mapping, trenching, geochemical surveys (heavy mineral, silt, soil and rock), and lesser amounts of prospecting, geophysical surveys (VLF and EM - both ground and airborne) and 57 diamond drill holes. This report is based on government maps and reports as well as assessment reports and excerpts from press releases. The author is aware that an extensive diamond drilling program was carried out in 1988 but the results were never filed for assessment credits. This has greatly hampered the determination of what areas were tested and what economic potential remains to be tested. Several of the known showings on the Snip North property are narrow, have limited strike extent and exhibit low precious metal grades. These have been well explored and do not display any reasonable potential to host an economic precious metal deposit. The Gorge showing was evaluated by a number of drill holes - both on the area covered by the present-day Snip North claim and the area immediately to the west. The Gorge showing, which straddles the Snip North western claim boundary, confirmed the presence of significant gold grades (>20 g/t) over substantial widths (>2.0 m). An analysis of the drill results indicates that the gold-bearing structures are disjointed and/or are developed along more than one attitude.

The 2006 exploration program comprised 5 drill holes totalling 846.7 meters. These drill holes tested a large airborne magnetic anomaly with coincident copper-gold-silver-molybdenum soil geochemical anomalies. All of the holes intersected long sections of altered and mineralized greywacke. The most significant mineralized intervals are tabulated below.

It is the writer's opinion that the merits of the Snip North property's mineral potential are significant enough to warrant further work. The proximity to the Snip deposit and the presence of numerous mineralized occurrences are the main factors that support this conclusion. Also, outcrop is scarce on the property and a significant deposit could be present but is covered.

D. G. Dupre

It is apparent that the very significant gold grades intersected over wide intervals in the Gorge Showing warrant further evaluation. The long intervals of moderate grade mineralization intersected during the 2006 drilling program indicate the existence of an extensive "porphyry – style" copper/gold/molybdenum system that deserves more work.

Snip North 2006 Significant Mineralized Drill Intersections						
DDH#	From (m)	To (m)	Length (m)	Au (g/t)	Cu (%)	Mo (%)
SN-06-01	110.7	182.9	72.2	0.21	0.07	0.003
SN-06-02	75.0	201.5	126.5	0.33	0.12	0.008
including	99.4	157.0	57.6	0.39	0.14	0.005
SN-06-03	11.6	203.0	191.4	0.28	0.10	0.018
including	20.1	102.4	82.3	0.38	0.13	0.003
SN-06-04	6.1	213.7	207.6	0.27	0.08	0.001
Including	17.1	23.2	6.1	2.35	0.11	0.001
SN-06-05	72.2	75.3	3.1	2.40	0.04	0.001

It is recommended that a program of mechanical trenching be carried out over the Gorge and "porphyry – style" zone in order to determine the controls of mineralization and obtain analytical results over large areas.

Contingent upon success of the first phase of work, a 1000-meter diamond drilling is proposed. This program would test any targets identified during the first phase of exploration.

2.0 INTRODUCTION

In May of 2006, Newcastle Minerals Ltd. retained D.G. DuPre P. Geo. to review reports and other data referring to the Snip North property, to supervise a diamond drilling program and to prepare a technical report. This report was prepared in accordance with National Instrument 43-101. In preparation of this report, the author predominantly used British Columbia and Federal Government geological maps, geological reports and claim maps. Information was also obtained from the Map Place and Mineral Titles Online (British Columbia Government websites) and from the mineral assessment work reports files by various companies in the Snip North area. Several reports that had been filed with SEDAR were also reviewed. A list of reports, maps and other information examined is provided in the References section of the report. The author of this report is familiar with the geology and exploration history of the area

and has visited the property on several occasions and examined all of the important showings. Most recently, the author visited the property on October 19th, 20th and 21st during the drilling program. The entire 2006 drill core was also logged by the author.

This technical report is prepared in compliance with the requirements of National Instrument 43-101 and is intended to be used as a supporting document to be filed with the British Columbia Securities Commission and the TSX Venture Exchange.

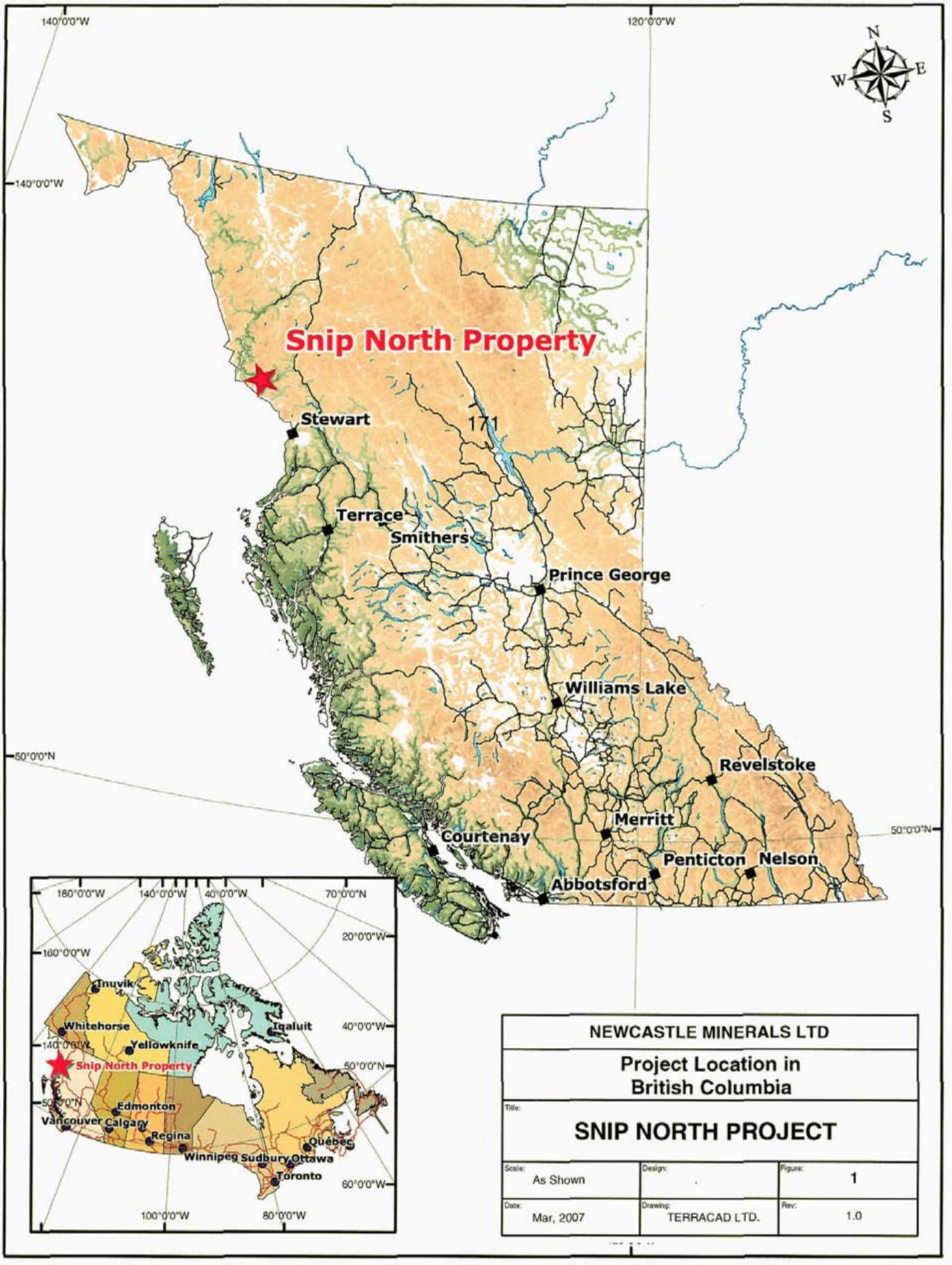
3.0 RELIANCE ON OTHER EXPERTS

This report has been prepared by the author for Newcastle Minerals Ltd. following standard professional procedures and the guidelines of National Instrument 43-101 (Standards of Disclosure for Mineral Exploration and Development and Mining Properties). However, it is based in part on details, information and assumptions provided by others. To the extent that the investigations are within the scope of the author's work, this data has been examined with due diligence and the interpretation is presented with all due care. Nevertheless, the author cannot guarantee the accuracy of all the source information.

This report expresses opinions regarding exploration potential for the Snip North property and recommendations for further work. These opinions and recommendations are intended to serve as guidance for future exploration of the property, but should not be interpreted as a guarantee of success.

The data pertaining to the ownership of the Snip North claim is based on information provided by Newcastle Minerals Ltd., which to the author's knowledge is correct. A limited search of tenure data on the British Columbia government's Mineral Titles Online (MTO) web site conforms to the data supplied by Newcastle Minerals Ltd. However, neither legal title to the claims nor the validity of any underlying agreements concerning the property has been verified. Such verification is outside the terms of reference of this report.

This evaluation of the Snip North claim is partially based on historical data derived from assessment files. Rock sampling and assay results are critical elements of this review. In spite of a diligent search for the Meridor Resources' corporate reports done in 1988 on the property, the writer was unable to locate them.



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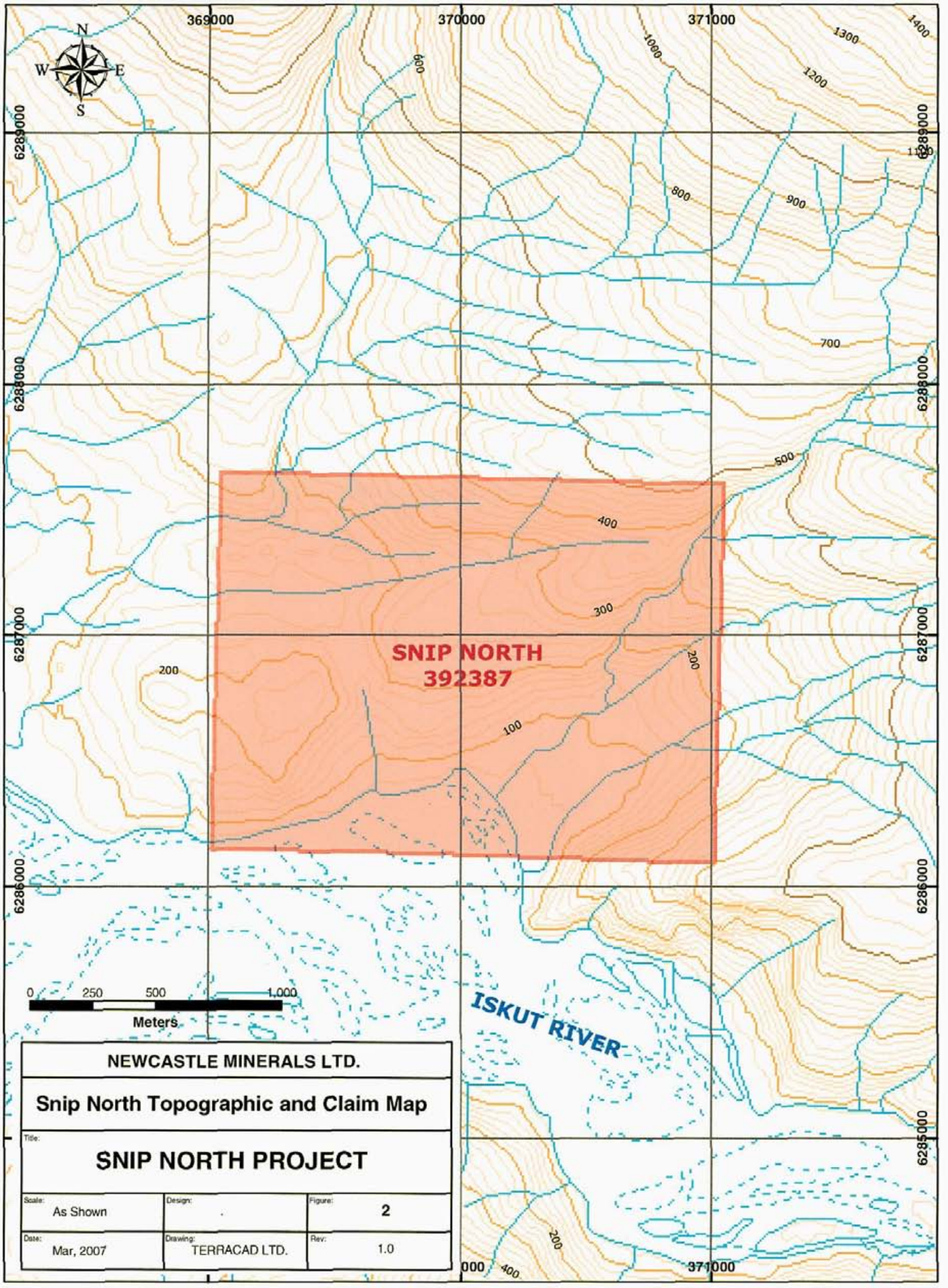

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Snip North Topographic and Claim Map		
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As of the date of this report, the author is not aware of any material fact or material change with respect to the subject matter of this technical report that is not presented in this report, which the omission to disclose would make this report misleading.

4.0 PROPERTY DESCRIPTIONS AND LOCATION

The Snip North Property comprises one 16-unit claim with an area of approximately 400 hectares. It is situated on the north bank of the Iskut River. The property is situated within the Liard Mining Division of north-western British Columbia, approximately 100 kilometres northwest of Stewart (fig. 1). The claim is located on Map Sheet 104B/11W at latitude 56° 42' North and longitude 131° 06' West.

The Snip North was staked in March 2002. It has not been legally surveyed. The author reviewed the Mineral Titles Online websites and compiled the relevant claim statistics that are shown below:

Table 1 Snip North Property Claim Information

Tenure #	Claim Name	Owner Number	Map #	Work Recorded To	Status	Mining Div.	Area (Ha)	Tag #
392387	SNIP NORTH	127361	104B075	2007/03/13	Good Standing 2008/03/13	9 Liard	400.00	238740

Previous work, by several companies, has discovered several mineralized zones, which are discussed in Section 9.

At this time, the Snip North property is not subject to any known environmental liabilities. The author has observed dozens of old drill sites on the property but these were cut before the Snip North property was staked. In order to carry out exploration work in 2006 on the property, a land use permit was obtained from the BC government. A $10,000 bond was emplaced in order to cover the anticipated remedial clean-up work.

5.0 ACCESSIBILITY, CLIMATE, INFRASTRUCTURE AND PHYSIOGRAPHY

Access is by fixed-wing aircraft from Smithers (290 km southeast) to the Bronson Creek airstrip– located two kilometres south-east of the property (fig. 1). Alternate fixed-wing assess is from Wrangel, Alaska which is located at tidewater, 80 kilometres to the west of the property. Fixed-wing or helicopter access can also be gained from the Bob Quinn airstrip on Highway #37, located 50 kilometres to the east. The Eskay Creek road extension to the Forrest Kerr hydro site is situated only 25 kilometres to the east. The Bronson Creek airstrip is capable of accommodating Hercules aircraft. Access throughout the property is via helicopter from the airstrip to the helipads, which are spread throughout the property. Room and board are available at the fishing lodge adjacent to the Bronson Creek airstrip.

The Snip North property is characterized by very hummocky ground with precipitous bluffs and incised streams. Steep cliffs rise abruptly from the banks of the Iskut River.

The majority of the property is covered by mature spruce and hemlock. Devil's club and slide alder are also common.

The climate is typified by cold, snowy winters and cool, wet summers. Snow accumulations are up to 1-2 meters near the Iskut River and normally exceed 5 meters at higher elevations. The recommended work season is June to October.

6.0 HISTORY OF EXPLORATION IN THE AREA OF SNIP NORTH

The first recorded work in the Iskut River area was in 1907 by a prospecting party from Wrangell, Alaska, who staked nine claims north of Johnny Mountain. Iskut Mining Company explored crown-granted claims along Bronson Creek and on the north slope of Johnny Mountain. By 1920, a nine-metre adit had revealed a number of galena-bearing veins and stringers.

In 1954, Hudson's Bay Mining and Smelting located the Pick Axe showing and high-grade gold-silver-lead-zinc float on the open upper slopes of Johnny Mountain. The claim was worked and, subsequently, allowed to lapse.

During the 1960's, several major mining companies conducted helicopter-supported reconnaissance exploration programs in their search for porphyry copper-molybdenum

deposits. Several claims were staked on Johnny Mountain and in the Bronson Creek area. Cominco Ltd. staked claims over a gold-bearing quartz vein, which was developed into the Snip gold mine that produced approximately one million ounces of gold.

In 1964 and 1965, the area of the Snip North claim was staked by Iskut Silver Mines as the Ray and Joann claims. These claims covered a silt geochemical anomaly. They were prospected for copper, lead, zinc, and precious metals by Iskut Silver Mines Ltd. (Sevensma, 1966). Soil geochemical surveys and hand trenching was carried out in eight locations in 1965.

In 1980, Meridor Resources Ltd. staked the present day Snip North Property as the Iskut 1 and Iskut 2 claims. Meridor did not commence any fieldwork until 1987 when they (Dandy, 1987) conducted a program of line cutting, geochemical (soil, silt, rock and heavy minerals) and geophysical, (ground and airborne) surveys. A breakdown of this work program is presented below:

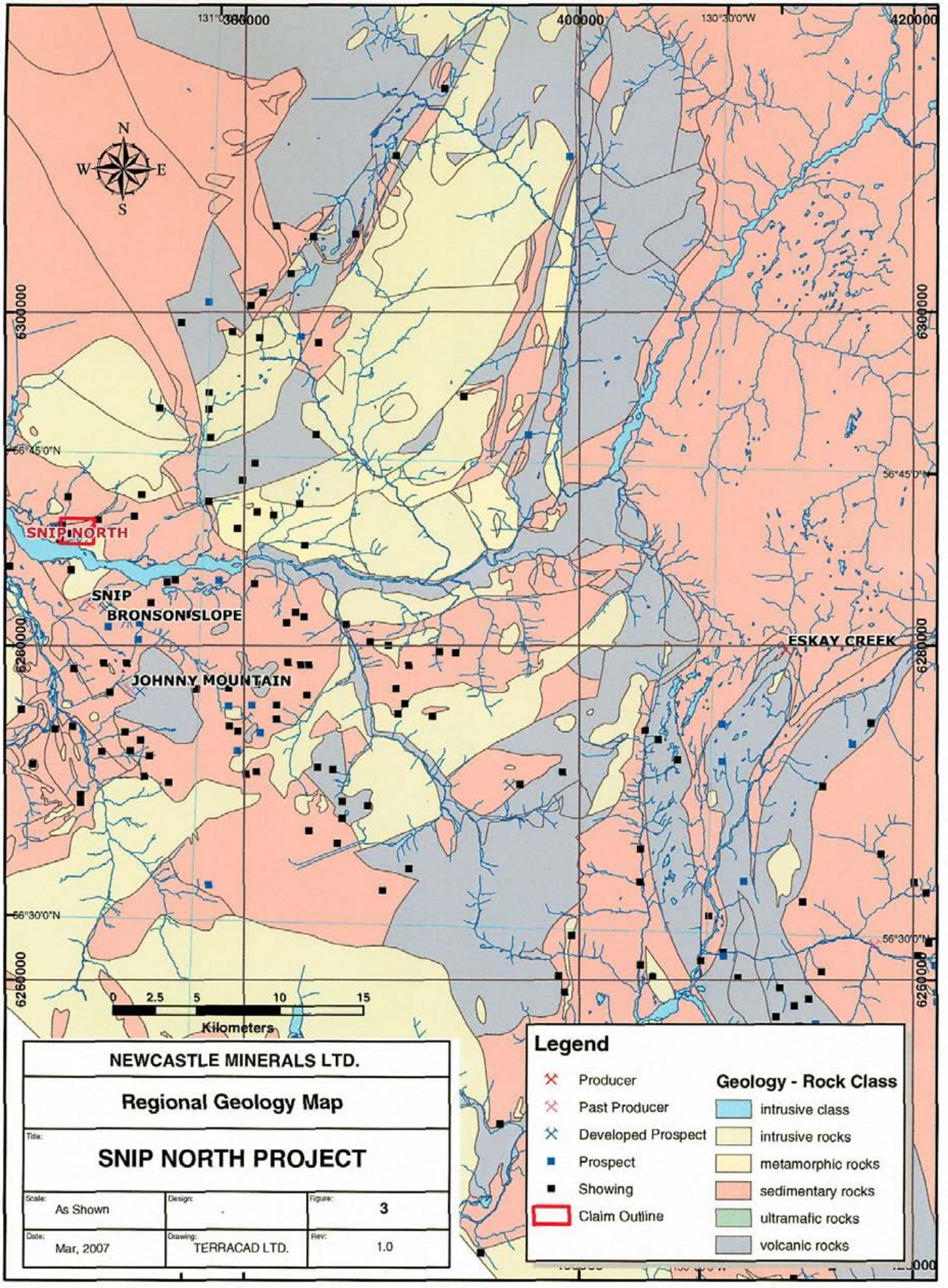
- 11 line-kilometres of grid establishment with cross lines at 100m to 300 m intervals
- 386 soil samples were collected at 25 m intervals along the grid
- 27 rock samples were collected
- 16 stream sediment samples were taken
- 5.7 line-kilometres of VLF-EM 16 survey was done
- Two airborne geophysical (magnetometer and electro magnetometer) surveys were done

Meridor did a large program of diamond drilling in 1988. The author was present in the area at this time and observed several dozen drill set-ups. Despite a thorough search, the author was unable to locate any corporate reports derived from this phase of work. For the purposes of this study, press releases form the primary source of material. The significant results from this program are summarized in Appendix H. It must be stressed that these results were gleaned from the "George Cross Newsletter" and that the drill hole locations are unknown.

At least 36 holes were drilled in 1988 (George Cross Newsletter, "GCNL"). Most of these holes tested the Gorge Showing on the western boundary of the Snip North property and others tested extensive soil and geophysical anomalies in the eastern part of the property.

Meridor Results

A number of anomalous gold results were obtained from the grab samples. The highest base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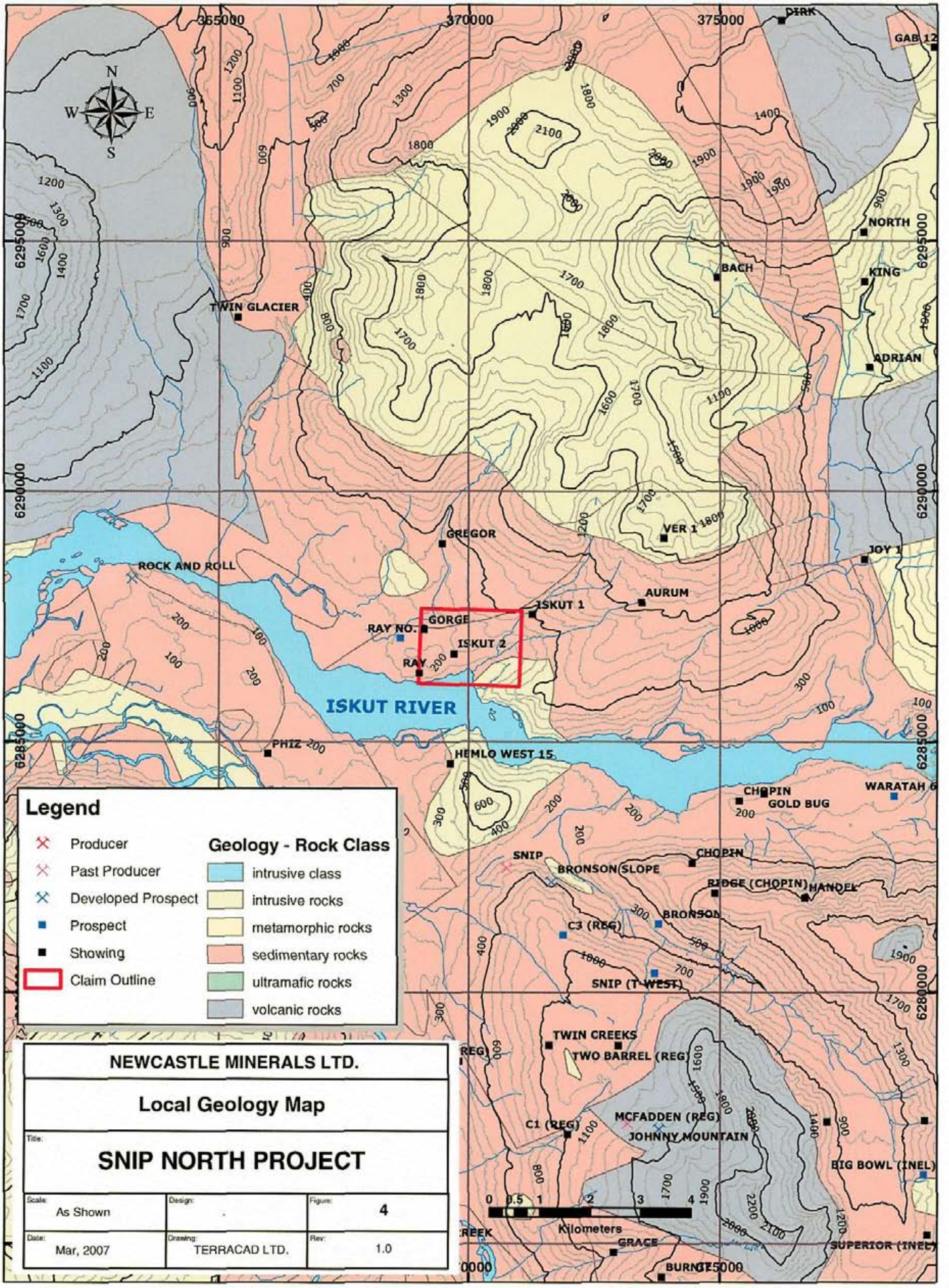
Geology - Rock Class
intrusive class
intrusive rocks
metamorphic rocks
sedimentary rocks
ultramafic rocks
volcanic rocks

and precious metal values came from the two trenches near the western boundary of the Snip North Property The highest value was obtained from Trench "B" and returned 1.91 oz/t. Dandy (1988) reports that this sample was collected from a ...."20 cm wide zone with pyrite." One other grab sample obtained in this area returned 8400 ppb gold, 36.6 ppm silver, 8400 ppm copper, 938 ppm lead and 2680 ppm zinc.

The Meridor soil sampling program was instigated to follow up a soil anomaly delineated by Delaware Resources Ltd. on claims adjacent to the west. Meridor's 1987 soil sampling picked up the continuation of Delaware's soil anomaly. The gold values along the western boundary are as high as 195 ppb and the anomaly appears to be approximately 75 meters wide. This anomalous trend extends for one kilometre to the east with gold values greater than 200 ppb and a width that reaches up to 450 meters. The eastern portion of the property has some smaller gold-in-soil anomalies with values up to 2150 ppb. A silver-in-soil anomaly was also delineated, with the predominant trend being located directly to the north of the anomalous gold values. The silver anomaly (>3 ppm) extends for 800 meters and is 125 meters wide, with the highest value being 15.6 ppm. Coincident copper and molybdenum soil anomalies also parallel the gold anomaly. The highest copper value is 9257 ppm and the highest molybdenum value is 304 ppm. All of the 11 stream silt samples returned anomalous gold values, with the highest one being above the detection limits (>10,000 ppb).

The limited VLF-EM survey outlined a conductive trend, which appears to parallel the portion of the gold-silver-molybdenum soil anomaly along the western claim margin. The results of the airborne survey show a zone of higher conductivity related to the syenite porphyry intrusion previously mapped by Sevensma (1966) on the south-eastern part of the property. A similar conductive area occurs in the northern part of the property and likely is related to similar porphyry that has not been mapped on surface.

The airborne magnetometer survey showed three areas of higher magnetic response (Map #1. The most significant of these is a large ovoid feature in the south-central part of the claim. The 2006 drilling program has shown that this anomaly is related to magnetite which occurs as disseminations and veinlets. There appears to be a general correlation between magnetite content and copper/gold values.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C3 (REG)
SNIP (T-WEST)
TWIN CREEKS
TWO BARREL (REG)
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Geology - Rock Class
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Local Geology Map
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7.0 GEOLOGY

7.1 Regional Geology

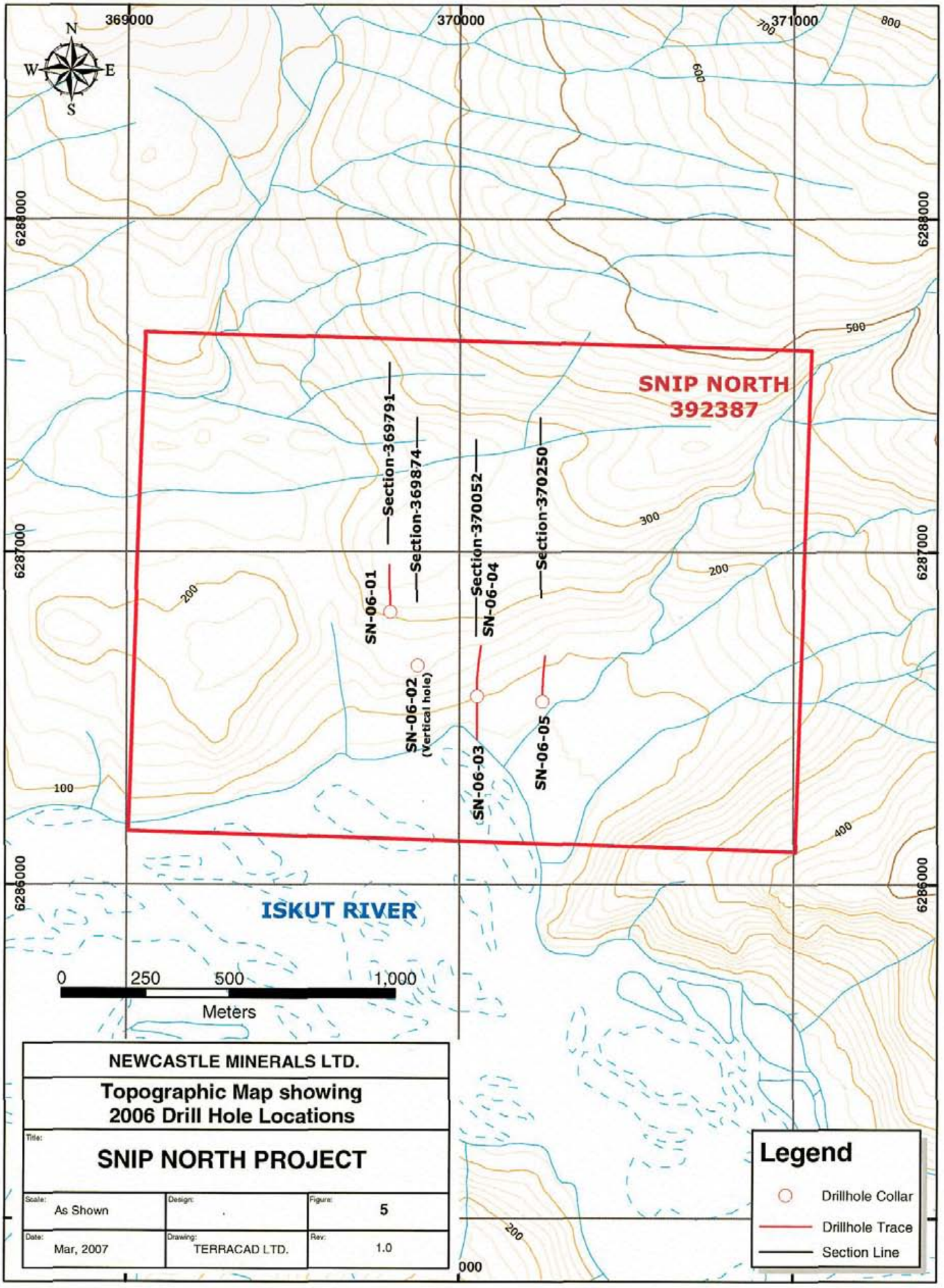
The Iskut River area lies within the intermontane tectono-stratigraphic belt - one of five parallel, northwest-southeast trending belts, which comprise the Canadian Cordillera. This belt of Permian to Middle Jurassic volcanic and sedimentary rocks defines the Stikinia-Stikine Terrane. This is bounded on the west by the Coast Plutonic Complex and overlapped on the east by younger sediments of the Bowser Basin. This belt has been intruded by at least four episodes of plutonism, from Late Triassic to Oligocene-Miocene. Quaternary and Tertiary bimodal terrestrial volcanic rocks occur to the east of the Snip North Property and to the west at Hoodoo Mountain.

Most of the Mesozoic rocks have been subjected to regional low-grade greenschist facies metamorphism. The most prominent fault direction is northeast-southwest. Some displacement is suggested by the abrupt termination of various lithological units.

7.2 Local Geology

The oldest rock assemblage in the local area consists of Palaeozoic crinoidal limestone overlying metamorphosed sedimentary and volcanic rocks. Unconformably overlying the Palaeozoic limestone unit are Upper Triassic island arc volcanics and sediments, referred to informally as the "Snippaker Volcanics". Grove (1981) correlates this assemblage to the Unuk River Formation of the Stewart Complex whereas other writers match this assemblage with the time - equivalent Stuhini Volcanics. Monotis fossils have been recognized on the north slope of Snippaker Peak and west of Newmont Lake giving an age of late Triassic. This volcano-sedimentary package hosts the Reg, Snip and Inel deposits.

Grove (1986) reports an unconformity between Carboniferous and Middle Jurassic strata on both sides of Snippaker Ridge, north of Snippaker Peak. The same unconformable relationship between these major rock units appears to extend from Forrest Kerr Creek west along the Iskut River to its junction with the Stikine River. The most recent interpretation suggests an east-west trending fault along the Iskut River which, like the King Salmon Thrust Fault, pushed up and over to the north. A striking feature in the area is a northwest trending, very rusty, shatter zone, possibly a thrust fault with a south dip, trending from the southeast toward the Snip North property for a length of at least 30 kilometres. Many of the mineral deposits in the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local area are located within 5 kilometres of these shatter zones.

Following the Iskut River faulting, the entire region was overlain by Middle Jurassic Hazelton Group volcano – sedimentary rocks correlated by Grove (1986) to the Betty Creek Formation. Sub-volcanic orthoclase porphyry stocks, dated as Jurassic occur near all of the significant gold occurrences in the local area and may be genetically related to the mineralization.

7.3 Property Geology

Outcrop exposure accounts for less than 10% of the surface area on the property, with limited rock exposures making a geological interpretation difficult. The property is characterized by gullied terrain with patches of glacial till. Stratigraphically, (GSC Map 1418A) the oldest units on the property are Carboniferous and Permian greenstone, limestone, shale and clastic sedimentary rocks. Bedded rocks strike about east-west with dips over 45 degrees to the south. Upper Triassic undifferentiated andesitic volcanics and clastic sedimentary rocks overlie these. Jurassic and Cretaceous diorite, syenite and orthoclase porphyry stocks and batholiths intrude these supracrustal rocks.

The map accompanying the Iskut Silver Mines report (Sevensma ,1966) shows an older (Permian?) package of silty and limey argillite, with chlorite, biotite and minor garnet alteration in the mineralized areas. A syenite porphyry in the south-eastern part of the property intrudes these sedimentary rocks. Several northwest trending right lateral faults are present, as well as cross shearing nearly perpendicular to these faults. Evidence of these faults can be inferred from air photos, which show a strong pattern of west-northwest and east-northeast lineaments between the two major creeks on the property.

All of the 2006 drill holes intersected a monotonous sequence of massive to weakly bedded greywacke and siltstone. Tuffaceous and lapilli-bearing units were observed but only form a minor component of the total package. These clastic sediments are variably silicified and mineralized. The core commonly displays a brownish tinge which suggests the possible presence of fine grained secondary biotite. Several thin diabase dykes were also encountered.

8.0 DEPOSIT TYPES

Gold bearing deposits in this part of British Columbia (fig. 3) are dominantly vein/shear zone deposits of mesothermal to epithermal character. They are typified by base metal bearing veins and massive to semi-massive sulphides in strong shear zones. These types of deposits are commonly related (spatially as well as temporally) to nearby Mesozoic intrusions. The association with copper, lead, zinc, arsenic and zinc bearing minerals is common but a direct relationship has not been verified. In fact, gold can occur in base metal – barren pyrite or in quartz – carbonate veins with no visible sulphides. Two of the largest deposits in the area are very dissimilar. Gold at the Snip Mine (now closed) occurs in fractures and, along grain boundaries in sulphide-annite (low magnesium biotite) – chlorite – quartz bodies in an east-west trending shear zone. Ribbon quartz veins are also common at the Snip Mine. Rocks in the shear zone exhibit cataclastic textures and, where the zone is wide, interfolial folds are developed.

The Skyline deposit, on the other hand, is associated with north-south trending sulphide bearing quartz-potassium feldspar-annite veins. These show less evidence of movement and/or shearing and are more typical vein-lode deposits with strong wall rock alteration.

9.0 MINERALIZATION

The work done by Meridor indicates that the anomalous gold values occur within pyritized chert and argillite. Along the western claim boundary (fig. 4), pyrite and limonite occur in the chert. In 1987, a grab sample of pyritic chert returned 0.53 gm/t gold, 2.2 g/t silver, 0.057% copper (Dandy, 1988). A 2-meter wide pyrite vein also occurs in this vicinity.

In 1988, a grab sample from the far north-western boundary of the property was reported to have assayed 65.5 g/t gold (Supplement to Northern Miner, Oct. 3, 1988). Mineralization in this area consists of semi-massive to massive sulphide mineralization from a zone, which ranges in width from 9.1 to 33.5 meters in width. Gold values range up to 29.6 g/t. Three of four mineralized zones are present with this northwest-southeast trending structure which projects inwards toward the centre of the property. (Northwest Prospector, Jan. /Feb., 1989).

Drilling in 1988 and 2006 intersected abundant disseminated pyrite (up to 10%) and disseminated and stringer veins of chalcopyrite (up to 5%). Trace amounts of pyrrhotite,

sphalerite, molybdenite, galena and bornite have been reported (GCNL July 26, 1988). The mineralization shows a broad zoning pattern across the length of the property. The significant results from the 1988 drilling program are summarized in Appendix G. A 500-meter wide porphyry copper and molybdenum core is enveloped by a broad pyrite halo containing gold and copper values. To the north and northwest, the disseminated pyrite mineralization abruptly changes to mineralized shear zones carrying quartz and sulphide veins. The mineralized zone tested by the 2006 drilling comprises quartz +/- pyrite +/- magnetite +/- chalcopyrite veinlets and stringers within variably silicified greywacke. The host rock is commonly pale to medium green-grey and mottled with diffuse blue-grey quartz veins and disseminated blebs of magnetite and pyrite. In places the mineralized greywacke displays a brownish tinge which may suggest the presence of very fine grained disseminated biotite. The copper and gold grades vary with the degree of silicification and the amount of quartz-pyrite-chalcopyrite veining.

Most of the thin but significant results were derived from the Gorge Showing which straddles the western boundary of the Snip North Claim (fig. 4).

In 2006 Newcastle Minerals drilled 5 holes totalling 846.7 meters. These holes were designed to test the large aeromagnetic anomaly with coincident gold/silver/molybdenum soil geochemical anomalies. All of the holes intersected long sections of weak to moderate mineralization.

10.0 EXPLORATION

During 2006, a drilling program was carried out on the Snip North property by Newcastle Minerals Ltd. In preparation for this program, all of the pertinent results from previous programs were compiled and plotted on maps. A two-man crew attempted to locate all of the old drill sites during the period of July 13th-17th.

11.0 DRILLING

The 2006 exploration program comprised 5 drill holes totalling 846.7 meters. This campaign was carried out between September 15 and September 28. The drilling was very efficiently carried out by Driftwood Diamond Drilling Ltd. of Smithers, BC. Drill mobilization, demobilization, moves and crew changes were done by helicopter. Drilling productivity and

core recovery was excellent. These drill holes tested a large airborne magnetic anomaly with coincident copper-gold-silver-molybdenum soil geochemical anomalies. All of the holes intersected long sections of altered and mineralized greywacke. The entire NQTW core was logged and sampled in the warehouse of CJL Ltd. in Smithers. The average length of these holes was 200 meters. The core was logged in a first-class logging room and all the pertinent data were recorded on drill logs and added to a database. The drill holes were drilled perpendicular to the long axis of the magnetic and soil geochemical anomalies. The first four drill hole collars were surveyed by transit while the location of drill hole SN-06-05 was obtained from a hand-held GPS instrument. Down–hole surveys were done on holes SN-06-01, SN-06-04 and SN-06-05 by a Maxibore instrument. The pertinent drill information is tabulated below.

Table 2 2006 Diamond Drill hole collar coordinates

NEWCASTLE MINERALS SNIP NORTH PROJECT 2006 Drill Collar Locations (NAD 83)						
DDH #	Easting	Northing	Elevation	Azimuth	Inclination	Total Depth
SN-06-01	369791.071	6286817.377	210.345	0.0	-45.0	201.2m
SN-06-02	369874.741	6286656.297	194.283	Vertical		201.5
SN-06-03	370052.779	6286564.439	107.040	180.0	-50.0	203.0
SN-06-04	370052.779	6286564.439	107.040	0.0	-51.0	235.9
SN-06-05	370250	6286550	95.000	0.0	-49.5	206.3

12.0 SAMPLING METHOD AND APPROACH

The entire drill core was cut by diamond saw and one half of the core was collected as a sample. The remaining half of the core was stored at the warehouse facility of CJL Enterprises in Smithers. Geological features were used to determine selected sample intervals. Intervals with no apparent favourable features were sampled at intervals no greater than 3 meters. Samples varied in size from 0.3 kg to 2.5 kg. The samples are of excellent quality and core recovery was 95 to 100%. Two qualified sawyers under the direct supervision of the Qualified Person (DuPre) undertook the sawing and sampling of the core. A three-component assay tag system was utilized whereby one portion is kept for the record, one portion is placed in the sample bag and the third portion is placed in the core box. All the samples were delivered by truck to the Assayers Canada sample preparation facility in Telkwa, and then the pulps were

sent to the Assayers Canada laboratory in Vancouver for analyses. Assays for gold and a multi-element suite were conducted on 393 split core samples. No samples were lost during the entire sampling program although one core box was dropped and had to be re-contructed.

13.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

The core was placed in core boxes with screwed – on lids at the drill site and then transported by helicopter to a storage facility at the Bronson Creek airstrip. On September 28, all of these core boxes were slung by helicopter onto a truck at the Forrest Kerr hydro site. From here, the core boxes were delivered directly to the secure logging facility in Smithers where it was logged and marked up for sampling. The core was then sawn in half by diamond saw. One - half of the core sample was sealed in plastic sample bags with Tamper-resistant "Zap Straps", and transported by truck to the Assayers Canada facility in Telkwa where they were dried, crushed, pulverized and rifled before transportation of the prepared sample to the Assayers Canada Laboratory in Vancouver. The Qualified Person (DuPre) supervised this entire process and did not observe any un-workmanlike or un-professional activities at the sawing, sampling and preparation sites. Blank samples were inserted into the sample stream for quality control and quality assurance. Duplicate samples were also prepared in the field and put into the sample stream. The preparation of duplicates involved sawing one-half of the core into two equal portions. Both portions were submitted for assay. It is important to note that one-half of the core remains on site in core boxes stacked at the warehouse of CJL Enterprises in Smithers.

No aspect of the sample preparation and transportation was carried out by an employee, officer, director or associate of Newcastle Minerals Ltd.

Supervision, core logging, and sampling were conducted by Mr. D. G. Dupre, P.Geo. a Qualified Person under NI 43-101. Analyses were conducted by Assayers Canada analytical laboratory using BC Certified Assayers. A rigorous quality control program was conducted, with every fifteenth sample being a duplicate, blank, or standard. Accuracy and precision were within acceptable norms as demonstrated in section 13.

The Assayers Canada Procedure for Gold Geochemical Analysis is described below:

> *The samples are fluxed, silver is added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with aqua regia solution, diluted to volume and mixed.*
>
> *These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.*
>
> *A minimum of 10% of all assays are rechecked, then reported in parts per billion (ppb). The detection Limit is 1ppb*

The Assayers Canada Procedure for the 30 Element Aqua Regia Leach ICP-AES technique is presented below:

> *The elements analyzed are:*
>
> *Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Sr, Th, Ti, U, W, Zn*
>
> *The procedure involves digesting 0.500 grams of the sample pulp for 2 hours at 95°C with a 3:1 HCl:HNO_3 mixture. After cooling, the sample is diluted to 25mL with deionized water.*
>
> *The solutions are analyzed by Inductively Coupled Plasma-Atomic Emission Spectra using standard operating conditions.*
>
> *Each batch has 24 samples, 3 duplicates, one blank and two standards. Each batch will be rerun if the duplicates or the standards do not match the expected values.*
>
> *The detection limit and analytical range are element specific.*

It is the authors' opinion that the sampling, sample preparation, security and analytical procedures were in accordance with the industry's highest standards

14.0 DATA VERIFICATION

Quality Assurance/Quality Control ('QA/QC') is achieved by submitting a series of blanks, known standards and field duplicates into the regular sample stream to identify and, if found, quantify sampling bias, sampling precision, sampling accuracy and contamination.

14.1 Blanks

A total of 10 blanks from the 2006 drilling campaign were submitted with the results for the important elements shown in Table 3. All of the analyses for blank samples are attached as Appendix C.

Table 3 Analytical Results from 2006 Blanks

Sample Number	Au ppb	ICP Ag ppm	ICP Ag ppm	ICP Cu ppm	ICP Mo ppm
18596	<1	<0.2	<0.2	4	<2
18633	<1	<0.2	<0.2	<1	<2
18685	<1	<0.2	<0.2	2	<2
18738	8	<0.2	<0.2	14	4
18751	6	<0.2	<0.2	3	3
18806	3	<0.2	<0.2	2	<2
18825	6	<0.2	<0.2	2	2
18870	<1	<0.2	<0.2	<1	<2
18892	4	<0.2	<0.2	1	2
18945	<1	<0.2	<0.2	7	5

All of these blank samples fall within an acceptable range of analytical values.

14.2 Standards

The Standards used during the 2006 drilling program were a set of three standard samples from the Assayers Canada laboratory. The gold standards used at Assayers Canada are prepared as follows:

> *"Standards are prepared from appropriate geological materials. The ore is ground and then screened through a 200 mesh sieve. The -200 material (<75 micron) is retained and thoroughly blended. Homogeneity tests are conducted and then a minimum of 84 sub-samples are sent to various Canadian commercial laboratories for round-robin analysis.*

The expected values and allowable range of values for the samples used at Snip North are

shown in Table 4.

Gold values for assay standards

Sample Number	Expected Au Value and Acceptable Range
Au5	1.42 ± 0.10 g/tonne Au
AuAg5	3.35 ± 0.14 g/tonne Au

Multi – element values for ICP-2 standard

Table 4 Standard sample assays & expected values supplied by Assayers Canada

Sample Name	ICP Ag ppm	ICP Al %	ICP As ppm	ICP Ba ppm	ICP Be ppm	ICP Bi ppm	ICP Ca %	ICP Cd ppm	ICP Co ppm	ICP Cr ppm	ICP Cu ppm
ICP-2	1.1	1.6	65	100	1.3	<2	4	0.7	74	157	1154
ICP Fe %	**ICP Hg ppm**	**ICP K %**	**ICP Mg %**	**ICP Mn ppm**	**ICP Mo ppm**	**ICP Na %**	**ICP Ni ppm**	**ICP P ppm**	**ICP Pb ppm**	**ICP S %**	**ICP Sb ppm**
5.75	<1	0.22	1.58	1607	9	0.03	78	1083	62		<5
ICP Sc ppm	**ICP Sr ppm**	**ICP Th ppm**	**ICP Ti %**	**ICP Tl ppm**	**ICP U ppm**	**ICP V ppm**	**ICP W ppm**	**ICP Zn ppm**	**ICP Zr ppm**		
	480	<5	0.01		<10	101	11	286			

In general the results were good with no major busts. There were however for each standard some samples plotting marginally outside the expected limits but the magnitude of the differences were well within industry standards.

Table 5 **Analytical Results from 2006 Standard Samples**

Standard Identifier	Sample Number	Au PPB	ICP Ag ppm	ICP Cu ppm	ICP Mo ppm
Au5	**Standard**	**1420**			
	18516	1502	2.3	607	42
	18570	1346	2.2	592	41
	18603	1346	2	581	39
	18720	1395	1.8	544	37
	18759	1443	2.3	568	40
	18856	1320	0.7	561	38
	18899	1392	1	560	36
	18912	1402	0.6	550	35
ICP Std	**Standard**		**1**	**1154**	**9**
	18531	58	0.3	1178	12
	18575	76	0.5	1279	10
	18610	70	<0.2	1217	11
	18664	63	0.3	1179	10
	18705	66	0.3	1173	11
	18743	70	0.2	1196	12
	18784	70	0.5	1217	11
	18813	62	<0.2	1256	11
	18836	62	<0.2	1211	11
	18932	22	<0.2	1212	11
Au Ag 5	**Standard**	**3350**			
	18536	3458	>200.0	1650	38
	18552	3440	>200.0	1665	37
	18624	3260	>200.0	1562	36
	18641	3440	>200.0	1608	35
	18681	3418	>200.0	1589	35
	18753	3402	>200.0	1575	36
	18765	3296	>200.0	1596	37
	18817	3321	>200.0	1595	36
	18840	3384	>200.0	1587	34
	18876	3064	>200.0	1585	33

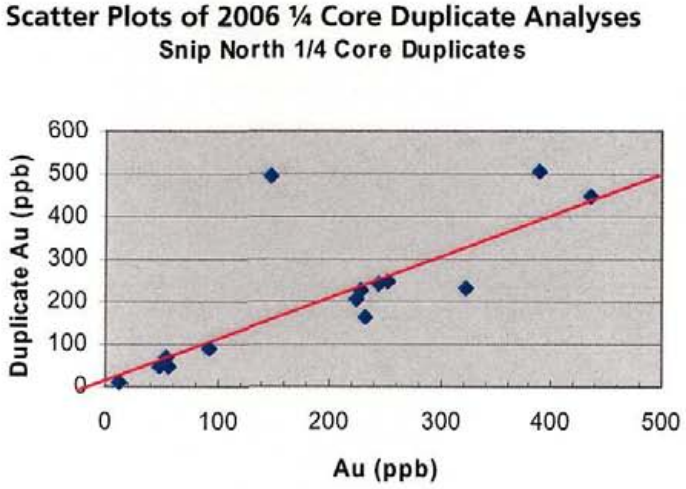
14.3 Duplicates

During the 2006 drill program a total of 28 one quarter core duplicates were produced, given the next sample number to the original sample and submitted for assay. The results are shown as a scatter plot in Figure 17. There is excellent agreement with a correlation coefficient of 0.936.

There is no indication of any bias with all samples plotting around an equal value line with any differences explained by nugget effect. The assay result incorporated in the database is the

arithmetic average of the two duplicate samples. The sample number of the averaged duplicate is given a "d" suffix.

Scatter Plots of 2006 ¼ Core Duplicate Analyses



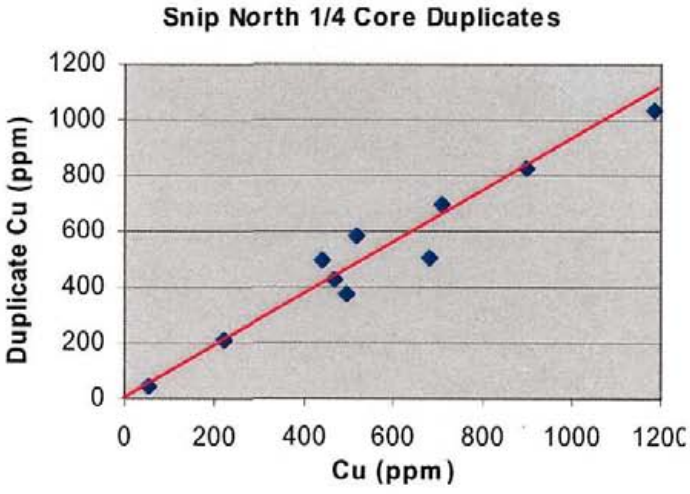


Table 6 Analytical Results from 2006 ¼ Core Duplicates

Sample Identifier	Au PPB	ICP Ag ppm	ICP Cu ppm	ICP Mo ppm
18547	49	0.8	440	23
18548	48	1.0	493	24
18577	322	1.0	1433	49
18578	234	0.7	1144	43
18593	227	<0.2	677	12
18594	227	<0.2	502	17
18660	243	0.6	1341	224
18661	242	0.6	1360	179
18676	389	1.3	1184	45
18677	505	1.1	1039	34
18710	435	0.8	1309	295
18711	447	1.0	1497	366
18728	223	<0.2	1295	178
18729	207	<0.2	1199	175
18773	231	0.3	518	42
18774	163	0.4	580	53
18819	148	0.2	706	34
18820	497	<0.2	697	30
18847	252	<0.2	894	100
18848	248	<0.2	828	100
18864	56	<0.2	469	66
18865	48	<0.2	427	73
18904	92	<0.2	496	85
18905	90	<0.2	376	115
18922	12	<0.2	55	7
18923	8	<0.2	46	4
18938	55	<0.2	222	37
18939	69	<0.2	209	31

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15.0 ADJACENT PROPERTIES

The Gorge showing occurs at the western boundary (fig. 4) of the Snip North claim. This showing was discovered in 1988 by Delaware Resources and was quickly traced onto Meridor Resources Ltd.'s Iskut 2 claim. Delaware drilled about 10 holes on their side and obtained some excellent results. The best result was 2.783 oz/t gold over 5.85m. The drilling and mapping showed that the correlation of mineralized structures was almost impossible. It was concluded that the mineralized zones are discontinuous or that the zones are interrupted and displaced by the numerous faults known from the area.

The most important deposits in the area are the Snip and Eskay Creek Mines (fig. 3). The known showings on the Snip North Property are most closely related to the Snip deposit.

Snip Property

The Twin zone at the Snip Deposit is a 0.5 to 15(?)-meter wide sheared quartz- carbonate-sulphide vein that cuts through a massively bedded feldspathic greywacke-siltstone sequence. Bedding strikes from 045 to 100 degrees and dips 10 to 45 degrees northwest. A post-mineralization dyke divides the vein into two parts for most of its length.

Gold mineralization occurs in 1 centimeter to 1 meter alternating bands of massive (streaky) calcite, heavily disseminated to massive pyrite, biotite-calcite as thin bands or streaks, or in quartz with sulphides in a crackle breccia or pyritic to non-pyritic fault gouge.

The Twin zone mineralization consists of two zones occupying a 120-degree structure with dips varying from 30 to 90 degrees southwest. The dip length of the deposit is about 500 meters and has been traced over a strike length of 1000 meters. Narrow parts of the mineralized zone commonly comprise dominantly one band of sulphide while thicker sections show repetitive banding of all ore types. The thicker sections also contain interbands of biotite-carbonate-potassium feldspar-altered feldspathic wacke. Later shearing has developed a strong to moderate foliation within this zone and is best defined in the biotite (chlorite)-rich bands. Vein boundaries are usually sharp with well-defined gold values plus lower grade values in the immediate footwall and hanging wall. Minor fault offsets were noted and extensive right lateral tension gashes are common.

Mining was completed and production suspended during the second quarter of 1999. Reclamation activities were completed in 2000. From 1991 to 1999, the Snip Mine produced 32.093 million grams of gold, 12.183 million grams of silver and 249,276 kilograms of copper from about 1.2 million tonnes.

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Johnny Mountain

The closed Johnny Mountain Gold Mine, belonging to Skyline Gold is located 7 kilometers south of the Snip North property and is optioned to Spirit Bear Minerals Ltd. Recorded production from 1987-1993 totaled 2815 kilograms of gold from 227,247 tonnes. This deposit is a structurally disrupted mesothermal gold-bearing quartz vein deposit. Mineralization includes pyrite, and chalcopyrite with some sphalerite, galena and minor pyrrhotite hosted by a number of sub-parallel sulphide-feldspar-quartz veins and stockwork systems occurring along a series of northeast-trending structures in close proximity to plagioclase porphyry dykes.

Bronson Slope

The Bronson Slope deposit is underlain by the Early Jurassic Red Bluff Porphyry gold-copper-molybdenum hydrothermal system that is dominated by an intense quartz-magnetite-hematite stock work that trends northwest along the south side of the Bronson Creek valley. The Red bluff porphyry is intrusive into Upper Triassic age feldspathic greywacke. The stock work overprints and is intimately associated with the Red Bluff porphyry intrusion. The stock work is composed of an intense network of veins. The total sulphide content is approximately 5%.

Gold and copper grades reflect the distribution of the different veins and alteration types. Areas of quartz-magnetite-hematite veining with sparse or no pyrite-chalcopyrite or quartz-pyrite overprinting have low gold and copper grades. Higher copper and gold grades occur in quartz-pyrite-chalcopyrite veins and alteration and in areas of abundant pyrite-chalcopyrite veining both inside the quartz-iron oxide stockwork and adjacent greywacke.

The historical resource estimate by Giroux (1996) is given below in Table 7.

Table 7 Historical Resource Estimate for Bronson Slope Deposit

Category	Metric Tonnes	Au g/t	Ag g/t	Cu %
Measured	2,280,000	0.574	2.59	0.210
Indicated	65,000,000	0.527	2.46	0.195
Total Measured + Indicated	67,280,000	0.528	2.46	0.196
Inferred	24,300,000	0.454	2.23	0.199

Although this resource estimate does not meet current CIM standards and classifications, it was an accurate and fair resource estimate, and should be referred to as an historical resource.

Eskay Creek Deposit

A northwest-facing sequence of interbedded volcaniclastic rocks flows and sediments of the Lower-Middle Jurassic Hazelton Group underlie the Eskay Creek deposits area. Strata strike north- northeasterly and dip moderately to the northwest. The presence of fossils, pillow lavas and hyaloclastites suggests that many of the rocks were deposited in a sub-aqueous environment.

Most of the ore at Eskay Creek occurs in the "contact unit" consisting of a basal member of rhyolite-mudstone breccia (the "transition zone") that grades into a widespread upper member of carbonaceous mudstone. The entire contact unit ranges from less than 1 to more than 60 meters thick. The upper member is a carbonaceous, pyritic and locally tuffaceous, laminated black mudstone. The contact unit can be correlated with the unnamed lower member of the Lower-Middle Jurassic Salmon River Formation (Hazelton Group). It is the host to most of the mineralization in the 21 zone (21A and 21B deposits) (Exploration in British Columbia, 1989).

The hangingwall andesite unit is a flow and sill complex in excess of 150 meters thick. It consists of rusty brown weathering, light grey to dark green pillow breccias with subordinate massive flows, dikes or sills, and hyaloclastite horizons. Thin mudstone units occur as interflow sediments.

Many zones of mineralization have been recognized at Eskay Creek. These include the 5, 6, 10, 22, 23, 28 and Porphyry zones; Mackay and Emma adit areas; and the #1 to #5 bluffs. The 21 zone has undergone extensive exploration and underground development and represents a major portion of reserves at Eskay Creek. Two new zones, NEX and Hangingwall, were discovered in 1995.

The bulk of mineralization in the 21 zone occurs as a stratabound sheet within carbonaceous mudstones of the contact unit and underlying rhyolite breccia, beneath mostly barren andesite flows. In the north, sulphide layers also occur in the hangingwall andesite unit. As traced by diamond drilling the entire zone extends 1400 meters along strike, 250 meters down dip and is from 5 to 45 meters thick. It is open to the northeast and down dip.

Reserves on January 1, 1999 were 1,355,965 tonnes grading 57.7 grams per tonne gold and 2492.57 grams per tonne silver. Additional mineralized material was 453,600 tonnes grading 15.36 grams per tonne gold and 401.14 grams per tonne silver (Exploration in BC 1998, page 23).

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16.0 MINERAL PROCESSING AND METALLURGICAL TESTING

To the best of my knowledge, there has been no metallurgical testing done on material from the Snip North property.

17.0 MINERAL RESOURCE ESTIMATES

There is no defined body of material at the Snip North property that is of a character that makes it reasonable to perform a resource estimate.

18.0 OTHER RELEVANT DATA AND INFORMATION

Not applicable

19.0 INTEPRETATION AND CONCLUSIONS

In general, the styles of mineralization found on the Snip North property are similar to those found at the Snip mine. The exploration of the Snip North property is at an intermediate stage. Several previous phases of exploration have been carried out and mainly comprise geological mapping, trenching (2 trenches), geochemical surveys (heavy mineral, silt, soil and rock), and lesser amounts of prospecting, geophysical surveys (VLF and EM) and at least 36 diamond drill holes. Most of the known showings on the Snip North property are narrow and exhibit low precious metal grades. The Gorge showing has been well explored but no viable geological controls for the mineralization have been formulated. The excellent precious metal grades obtained from this zone indicate that it is still a viable target. Further work should be carried out in order to understand the structural controls.

Several geochemical and geophysical anomalies have been delineated on the Snip North Property. Unfortunately, it is impossible to determine how many and to what extent these targets have been evaluated. Although, the large ovoid magnetic anomaly with coincident goil geochemical anomalies has been tested to a limited degree, it still retains potential and deserves more work.

The airborne magnetic anomalies represent excellent targets. It has been noted that magnetite is associated with several of the showings in the Iskut area.

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20.0 RECOMMENDATIONS

The first phase of fieldwork should include a property wide search for the 1988 drill collars. Geological mapping and prospecting would accompany this. Particular attention should be devoted to detailed mapping of the Gorge showing. In order to expose more bedrock, a program of backhoe trenching is proposed. Any bedrock that is exposed should be mapped and sampled in detail. Special consideration should be paid to the structural framework in the area. This work could lead to a better understanding of the controls of mineralization.

Contingent upon success of the first phase of work, a more ambitious second phase of exploration should be considered. This phase of work would involve the drilling of 1,000 meters of drilling. The drilling would test geological, geochemical and geophysical targets identified during the first phase of work.

21.0 PROPOSED PROGRAM AND BUDGET

Phase 1 Program
Pre-field (compilation of data and preparation for field work)

Geologist	10 days @ $500/day	$5,000
Maps, permitting, GIS etc.		10,000
Reclamation Bond		30,000
		$45,000

Field Program (includes 2 travel days/person)

Personnel

Geologist	20 days @ $500/day	$10,000
Field Assistant	20 days @ $300/day	6,000
		$16,000

Camp Costs

Food	40 man-days @ $150/ man-day	$6,000
Backhoe Rental	100 hours @ $100/hour	10,000
Freight		1,000
Communications		500
Disposable Supplies		200
		$17,700

Transportation

Air Fare		$5,000
Truck Rental	15 days @ $80/day	1,200
Helicopter	10 hours @$1,000/hour	10,000
Backhoe mobilization and demobilization		30,000
		$46,200

Analytical

Rocks	100 samples @ $20/sample	**$2,000**

Contingency (~20%)		**$25,400**
	SUB-TOTAL	**$ 150,000**

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Post – Field		
Geologist	8 days @ $500/day	$4,000
Drafting	20 hrs @ $30/hr	600
Maps and Report		400
Supplies		1000
	SUB-TOTAL	**$6,000**
TOTAL PROPOSED BUDGET	**(Phase 1)**	**$156,000**

PHASE 2 PROGRAM

Diamond drilling (all inclusive) 1000 metres @ $300/m	**$300,000.00**

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Sevensma, P.H., 1966 Report on the Ray Group, Lower Iskut River; for Iskut Silver Mines Ltd.

Certificate of Author

I, David G. DuPre, do certify that:

I am the author of this report an am the qualified person for the purposes of NI 43-101.

I have read the National Instrument 43-101 and, to the best of my knowledge, this Geological Report has been prepared in compliance to it.

I am a consulting Geologist with an office at 56 Parkgrove Crescent, Delta, British Columbia.

I am a graduate (1969) of the University of Calgary with a degree (B.Sc.) in Geology.

I have continuously practiced my profession as a geologist for more than 37 years, both as an employee of major mining firms and as an independent consultant.

I am a member of the Association of Professional Engineers and Geoscientists of British Columbia.

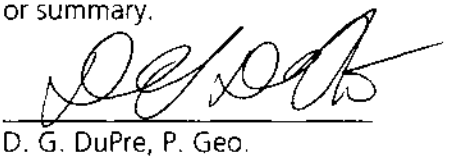
I am not aware of material facts or material changes with respect to the contents of this Geological Report, or the omission of a material fact or a material change that may make the Geological Report misleading.

To complete the geological portion of this report, I have reviewed the information identified in the Bibliography. I have visited the property for a total of 3 days during 1988 and 1989. At this time I was the Project Supervisor for the work carried out by Keewatin Engineering Inc on behalf of the Iskut Joint Venture. During the 2006 program, I visited the property prior to the commencement and during the diamond drilling campaign.

I have carried out and supervised at least 40 exploration programs in North-western British Columbia and am very familiar with the geological setting, mineralized occurrences, access, climate and working conditions.

I have no interest, direct or otherwise, nor do I expect to receive any interest in the Snip North Property. I currently own 135,000 common shares of Newcastle Minerals Ltd.

I hereby give permission for the use of this report in a Prospectus, in its complete and unedited form. Written permission must be obtained before publication or dissemination of any excerpt or summary.



D. G. DuPre, P. Geo.
Dated at Vancouver, British Columbia this 28th day of February, 2007.

D. G. Dupre

APPENDIX A **Diamond Drill Logs from the 2006 Snip North Program**

DIAMOND DRILL HOLE LOG: SN-06-01			Elevation:	210.345	Easting (Nad 83):	369791.071
PROJECT: Snip North			Azimuth:	0.00	Northing (Nad 83):	6286817.377
Date Started:	Total Length: 201.2		Incl. at Collar:	-45.00	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS						CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
0.0	5.8	OB	Casing,no recovery								0.00	5.80	0%	
5.8	18.5	SG	**Siliceous Greywacke**											
			Fine grained, dark green-grey, massive (no bedding), hard - variably siliceous	5.8	8.2	2.4	18501	610	101		5.80	6.10	67%	0.0
			Brownish cast - suggests very fine grained biotite	8.2	9.4	1.2	18502	673	107		6.10	8.20	52%	
			Few small (<5mm) angular, light coloured fragments (clasts) - possibly tuffaceous rock	9.4	13.4	4.0	18503	180	69		8.20	9.40	75%	
			3-4% pyrite but locally (10cm) up to 7%. Pyrite occurs as disseminations and in quartz stringers	13.4	16.8	3.4	18504	828	290		9.40	13.40	30%	0.3
			Trace disseminated chalcopyrite	16.8	18.5	1.7	18505	588	196		13.40	15.20	22%	0.0
			Most of quartz stringers have obscure boundaries and are milky grey-white. Very locally, rock is mainly quartz with some fragments of greywacke								15.20	16.80	87%	3.8
											16.80	18.30	60%	0.0
18.5	20.8	QV	**Quartz Vein**											
			Some solid white quartz vein but most is mixture of greywacke and quartz vein. Veins appear brecciated in places. Indistinct boundaries impart blotchy appearance	18.5	20.8	2.3	18506	161	122		18.30	21.30	63%	1.3
			Minor, thin secondary QV cuts primary QV											
			5% fine grained pyrite											
20.8	29.0	SG	**Siliceous Greywacke**											
			Dark green, fine grained, featureless	20.8	23.0	2.2	18507	420	90		21.30	24.40	77%	1.9
			Numerous small, angular fragments in places (lapilli?)	23.0	24.4	1.4	18508	406	52		24.40	27.40	97%	3.7
			Trace small blebs of epidote, sericite, calcite	24.4	27.4	3.0	18509	492	110					
			5% quartz veins - mainly thin (<2mm) at to deg to core axis	27.4	29.0	1.6	18510	623	78					
			2-3% pyrite as disseminations, veinlets and blebs in quartz veins											

DIAMOND DRILL HOLE LOG: SN-06-01			Elevation:	210.345	Easting (Nad 83):	369791.071
PROJECT: Snip North			Azimuth:	0.00	Northing (Nad 83):	6286817.377
Date Started:	Total Length: 201.2		Ind. at Collar:	-45.00	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Indination at Depth:			

DEPTH			LITHOLOGY	ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
29.0	30.5	SG	**Siliceous Greywacke** Medium green-grey, fine grained,banding (bedding/) imparted by alternating layers of darker and lighter material, commonly sub-parallel to core axis Trace small grains of epidote, calcite 4% pyrite	29.0	30.5	1.5	18511	256	36		27.40	30.50	94%	4.8
30.5	31.4	QV	**Mixed Quartz vein and Sileous Greywacke** Abundant quartz veins in sileous greywacke Locally brecciatedd 5% fine grained pyrite	30.5	31.4	0.9	18512	437	57		30.50	33.50	100%	9.3
31.4	36.6	GW	**Greywacke** Fine grained greywacke or tuff/lapilli tuff - locally bedded and contains clasts Trace epidote and calcite 3% pyrite as disseminations and stringers	31.4 33.5	33.5 36.6	2.1 3.1	18513 18514	182 189	23 20		33.50	36.60	100%	6.5
36.6	37.5	SG	**Siliceous Greywacke** Light to medium grey, remnant bedding and fragments still observed but indistinct Trace to 1% epidote as blebs and in veinlets Minor very small, round to blebby cream-grey mineral (aluminosilicate?) 2-3% thin quartz veins (some cryptocrystalline)	36.6	37.5	0.9	18515	586	41		36.60	39.60	100%	5.7
36.6	37.5	SG	**Siliceous Greywacke** 5% pyrite as disseminations and stringers											

DIAMOND DRILL HOLE LOG: SN-06-01			Elevation: 210.345	Easting (Nad 83): 369791.071
PROJECT: Snip North			Azimuth: 0.00	Northing (Nad 83): 6286817.377
Date Started:	Total Length: 201.2		Incl. at Collar: -45.00	Core Size at Collar: NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:	

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
37.5	59.5	GW	**Greywacke**											
			Mainly massive - siltstone, mudstone, tuff - local bedding and clasts (pyroclasts?)	37.5	39.6	2.1	18517	706	50		39.60	42.70	94%	4.8
			Locally siliceous, trace epidote - mainly with quartz veins	39.6	41.1	1.5	18518	241	19		42.70	45.70	83%	8.3
			3% quartz veins - mainly as stockwork	41.1	42.7	1.6	18519	275	39		45.70	48.80	100%	7.1
			4-5% pyrite as disseminations, stringers and in qv	42.7	44.3	1.6	18520	382	25		48.80	51.80	97%	8.0
				44.3	45.7	1.4	18521	236	62		51.80	54.90	100%	6.8
				45.7	47.2	1.5	18522	567	35		54.90	57.90	100%	6.7
				47.2	48.8	1.6	18523	292	26					
				48.8	50.3	1.5	18525	287	30					
				50.3	51.8	1.5	18526	703	74					
				51.8	53.3	1.5	18527	534	57					
				53.3	54.9	1.6	18528	834	43					
				54.9	56.4	1.5	18529	384	29					
				56.4	57.9	1.5	18530	111	10					
				57.9	59.5	1.6	18532	219	20					
59.5	61.5	SG	**Siliceous Greywacke**											
			Remnant bedding and fragments (pyroclasts?)	59.5	61.5	2.0	18533	352	35		57.90	61.00	100%	6.5
			2% epidote as small to large blotches											
			1-2% irregular quartz veins											
61.5	73.2	GW	**Greywacke**											
			Dark green-grey, fine grained, massive to thin bedded (sub-parallel to core axis). Abundant small fragments in places, some rounded	61.5	64.0	2.5	18534	145	15		61.00	64.00	97%	6.3
			Many small sub-rounded quartz fragments with blurred boundaries	64.0	67.1	3.1	18535	256	29		64.00	67.10	100%	7.1

DIAMOND DRILL HOLE LOG: SN-06-01		Elevation:	210.345	Easting (Nad 83):	369791.071
PROJECT: Snip North		Azimuth:	0.00	Northing (Nad 83):	6286817.377
Date Started:	Total Length: 201.2	Incl. at Collar:	-45.00	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre	Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
61.5	73.2	GW	**Greywacke**											
			Moderate quartz veining overall but intense locally, preferred orientation @ 35 deg to core axis	67.1	70.1	3.0	18537	404	49		67.10	70.10	100%	8.3
			calcite, chlorite, biotite	70.1	73.2	3.1	18538	291	32		70.10	73.20	100%	6.5
			5% fine grained pyrite as disseminations, veinlets and within quartz veins											
73.2	75.8	SG	**Siliceous Greywacke**											
			Medium grey, hard, fragments still visible	73.2	75.8	2.6	18539	310	47		73.20	76.20	100%	7.3
			Locally brecciated and fractured											
			Minor chlorite - 5%l quartz veins											
			2% fine grained pyrite along fracstures and veinlets											
75.8	82.9	GW	**Greywacke**											
			Dark green-grey, fine grained, massive to thin bedded. Abundant small fragments in places, some rounded	75.8	76.2	0.4	18540	542	73		76.20	79.20	97%	6.3
			Minor chorite	76.2	79.2	3.0	18541	399	47		79.20	82.30	97%	7.4
			5% quartz veins	79.2	81.5	2.3	18542	484	56					
			5% fine grained pyrite as disseminations, veinlets and with quartz veins	81.5	82.9	1.4	18543	313	68					
82.9	83.9	QV	**Quartz Vein**											
			60% quartz veins & 40% siliceous greywacke											
			minor chlorite, 1% pyrite	82.9	83.9	1.0	18544	186	32		82.30	85.30	100%	7.3
83.9	91.8	SG	**Siliceous Greywacke**											
			Siliceous metasediments, indistinct fragments in places	83.9	85.3	1.4	18545	901	129		85.30	88.40	100%	6.5
			Biotite, chlorite	85.3	88.4	3.1	18546	596	65		88.40	91.40	100%	5.7

DIAMOND DRILL HOLE LOG: SN-06-01			Elevation: 210.345	Easting (Nad 83): 369791.071
PROJECT: Snip North			Azimuth: 0.00	Northing (Nad 83): 6286817.377
Date Started:	Total Length: 201.2		Incl. at Collar: -45.00	Core Size at Collar: NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:	

DEPTH		LITHOLOGY		ASSAYS						CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
83.9	91.8	SG	**Siliceous Greywacke**											
			5% white, coarse grained quartz veins up to 5cm thick @ many orientations but preferentially at 55 deg to core axis	88.4	91.4	3.0	18547d	467	48.5					
			3% pyrite	91.4	91.8	0.4	18549	348	40					
91.8	93.3	QV	**Quartz Vein**											
			Composite of 70% quartz vein and 30% chloritic greywacke	91.8	93.3	1.5	18550	171	18		91.40	94.50	100%	4.8
			3% pyrite											
93.3	99.0	GW	**Greywacke**											
			70% chloritic greywacke, 30% quartz veins	93.3	94.5	1.2	18551	206	94		94.50	97.50	100%	4.3
			Several phases of quartz vein, early thin sheeted variety @ 80 deg tca; later irregular, coarse grained, white variety with minor blue-grey, fine grained variety	94.5	96.0	1.5	18553	330	45		97.50	99.70	82%	4.1
			3% fine grained pyrite	96.0	97.5	1.5	18554	46	31					
				97.5	99.0	1.5	18555	287	49					
99.0	99.7	FZ	**Fault Zone**											
			Gouge, calcite, crumbly core	99.0	99.7	0.7	18556	245	43					
99.7	104.8	SG	**Siliceous Greywacke**											
			Abundant (20%0) quartz veins preferentially @ 70 deg tca	99.7	100.9	1.2	18557	352	71		99.70	100.90	100%	7.5
			5% pyrite	100.9	103.3	2.4	18558	344	209		100.90	102.10	50%	0.0
				103.3	104.8	1.5	18559	289	64		102.10	103.30	92%	4.2

DIAMOND DRILL HOLE LOG: SN-06-01			Elevation: 210.345	Easting (Nad 83): 369791.071
PROJECT: Snip North			Azimuth: 0.00	Northing (Nad 83): 6286817.377
Date Started:	Total Length: 201.2		Ind. at Collar: -45.00	Core Size at Collar: NQ
Completed:	Logged by: Dave DuPre		Indination at Depth:	

DEPTH		LITHOLOGY		ASSAYS						CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
104.8	106.4	FZ	**Fault Zone**											
			Gouge, broken core	104.8	106.4	1.6	18560	264	29		103.30	105.50	59%	1.4
			3% pyrite											
106.4	110.7	GW	**Greywacke**											
			Fine grained, vague bedding in places, minor "ghosted" fragments	106.4	108.8	2.4	18561	186	11		105.50	106.70	92%	1.7
			Chloritic, 3% quartz veins (very irregular)	108.8	110.7	1.9	18562	272	22		106.70	108.80	90%	3.8
			4% fine grained pyrite as disseminations and veins											
			Trace chalcopyrite as small blebs in quartz veins											
110.7	117.8	SZ	**Shear Zone**											
			Moderately foliated greywacke	110.7	111.8	1.1	18564	1063	236		108.80	111.90	97%	2.3
			Quartz veins oriented parallel to foliation @ 70 deg tca; @ bottom of section foliation is 40 deg tca	111.8	113.3	1.5	18565	436	14		111.90	114.60	78%	3.3
			Minor quartz breccia fragments	113.3	114.6	1.3	18566	416	18		114.60	115.80	100%	6.7
			Chloritic, calcareous, brownish tinge (biotite), talc on fractures	114.6	115.8	1.2	18567	1755	33		115.80	118.90	81%	4.2
			5% pyrite	115.8	117.8	2.0	18568	285	186					
			0.3% cpy as small blebs in quartz veins, some splashy sections in thin (<10 cm) quartz veins (up to 5%)											
117.8	167.4	SG	**Siliceous Greywacke**											
			Mainly featureless and fine grained but several intervals with bedding, hard, dense, silicified	117.8	118.9	1.1	18569	322	177		118.90	121.90	100%	8.0
			Weakly fractured	118.9	120.4	1.5	18571	348	261		121.90	125.00	100%	7.4
			3% quartz veins up to 10 cm thick @ all angles, some veins are locally lenticular, faulted, squiggly; few are planar. Some veins are brecciated	120.4	121.9	1.5	18572	285	203		125.00	128.00	100%	6.7
			5% pyrite as disseminations and stringers	121.9	125.0	3.1	18573	177	189		128.00	131.10	97%	8.4

DIAMOND DRILL HOLE LOG: SN-06-01			Elevation: 210.345	Easting (Nad 83): 369791.071
PROJECT: Snip North			Azimuth: 0.00	Northing (Nad 83): 6286817.377
Date Started:	Total Length: 201.2		Incl. at Collar: -45.00	Core Size at Collar: NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:	

DEPTH			LITHOLOGY	ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
117.8	167.4	SG	**Siliceous Greywacke (continued from previous page)**											
			trace magnetite & pyrrhotite (increases down hole)	125.0	128.0	3.0	18574	204	212					
			0.1 - 0.3% chalcopyrite as medium to coarse blebs; mainly in white, coarse grained quatz veins - erratically distibuted	128.0	131.1	3.1	18576	195	168					
				131.4	134.1	2.7	18577d	1289	278					
				134.1	135.0	0.9	18579	2014	421					
				135.0	137.2	2.2	18693	803	214					
				137.2	139.0	1.8	18694	658	185					
				139.0	140.7	1.7	18695	1000	384					
				140.7	143.3	2.6	18580	1160	241					
				143.3	146.3	3.0	18581	2094	815		143.30	146.30	97%	5.7
				146.3	149.3	3.0	18582	350	76		146.30	149.40	100%	7.4
				149.3	152.4	3.1	18583	432	101		149.40	152.40	100%	7.7
				152.4	155.4	3.0	18584	384	87		152.40	155.40	93%	4.3
				155.4	158.5	3.1	18585	516	128		155.40	158.50	100%	7.1
				158.5	161.5	3.0	18586	640	121		158.50	161.50	90%	7.7
				161.5	164.6	3.1	18587	591	120		161.50	164.60	100%	6.1
				164.6	167.4	2.8	18588	831	244		164.60	167.60	100%	8.0
167.4	170.7	SG	**Siliceous Greywacke**											
			Highly silceous - light to medium grey	167.4	168.9	1.5	18589	2456	583					
			Moderately fractured, mod. quartz veining	168.9	170.7	1.8	18590	715	421					
			3% pyrite as disseminations and veinlets											
			0.4% chalcopyrite as medium grained blebs in quartz veinlets. Also in dark green mineral (dhlorite) veins											

DIAMOND DRILL HOLE LOG: SN-06-01			Elevation:	210.345	Easting (Nad 83):	369791.071
PROJECT: Snip North			Azimuth:	0.00	Northing (Nad 83):	6286817.377
Date Started:	Total Length: 201.2		Ind. at Collar:	-45.00	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
170.7	201.2	SG	**Siliceous Greywacke**											
	TD		Fine grained greywacke; medium green grey, weak to moderate silicification	170.7	173.7	3.0	18591	453	136					
			Commonly bedded at shallow angle to core axis	173.7	175.5	1.8	18592	444	144					
			brownish tinge (fine grained biotite(?)	175.5	178.6	3.1	18593d	590	227					
			3-4% pyrite as disseminations, veinlets and in quartz veinlets	178.6	181.7	3.1	18595	455	129					
			0.1 - 0.2% chalcopyrite - mainly in quartz veins	181.7	182.9	1.2	18597	1119	271					
			Trace disseminated magnetite	182.9	185.9	3.0	18598	641	84					
				185.9	188.7	2.8	18599	327	82					
				188.7	192.0	3.3	18600	251	45					
				192.0	195.1	3.1	18601	290	86					
				195.1	198.1	3.0	18602	915	203					
				198.1	201.2	3.1	18604	280	44					

DIAMOND DRILL HOLE LOG: SN-06-02		Elevation:	194.283	Easting (Nad 83):	369874.741
PROJECT: Snip North		Azimuth:		Northing (Nad 83):	6286656.297
Date Started:	Total Length: 205	Ind. at Collar:	Vertical	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre	Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS						CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
0.0	5.2	OB	**Overbuden,casing,no recovery**								0.00	5.20	0%	0.0
5.2	11.0	GW	**Greywacke**											
			Medium green-grey, featureless to weakly bedded, fine grained, dense, hard and siliceous	5.2	7.9	2.7	18605	1010	256		5.20	7.90	85%	5.2
			Fresh, un-weathered except oxidized (limonitic) @ 7-8 meters	7.9	9.5	1.6	18606	950	208		7.90	11.00	87%	5.9
			Slight brownish tinge (biotite?)	9.5	11.0	1.5	18607	1035	221					
			3-5 % white, irregular quartz veins, many parallel to core axis											
			5% pyrite as as fine grained disseminations, veinlets and in quartz veins. Pyrite veinlets form stockwark in places											
			1-3% diss fine grained magnetite, few blebs up to 2mm											
			Trace fine grained chalcopyrite											
11.0	20.7	SG	**Siliceous Greywacke**											
			Light grey, hard	11.0	12.5	1.5	18608	882	187		11.00	14.00	100%	5.0
			Well fractured	12.5	14.0	1.5	18609	774	221		14.00	17.10	100%	5.2
			3% quartz veins, mainly thin but up to 1 cm	14.0	15.5	1.5	18611	782	178		17.10	20.20	100%	6.1
			5% pyrite as veinlets, commonly enveloped by chlorite - veinlets in many orientations and form stockworks	15.5	17.1	1.6	18612	875	119					
			1% disseminated magnetite, tr biotite	17.1	18.8	1.7	18613	504	160					
				18.8	20.7	1.9	18614	600	164					
20.7	100.1	GW	**Greywacke**											
			Medium green-grey, featureless to weakly bedded, fine grained, dense, hard and siliceous	20.7	21.8	1.1	18615	710	188		20.20	23.20	100%	5.7
			Variably siliceous - mod. Siliceous zone @ 32.4-33.7	21.8	23.2	1.4	18616	752	173		23.20	26.30	100%	7.1
			Many sections sprinkled with sub-angular, fine grained, brown-grey grains (alumino-silicate?)	23.2	26.3	3.1	18617	440	97		26.30	29.30	100%	6.7

DIAMOND DRILL HOLE LOG: SN-06-02				Elevation:	194.283	Easting (Nad 83):	369874.741
PROJECT: Snip North				Azimuth:		Northing (Nad 83):	6286656.297
Date Started:	Total Length: 201.5			Incl. at Collar:	Vertical	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre			Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
20.7	100.1	GW	**Greywacke (continued from previous page)**											
			2% quartz veins Two main types of quartz veins - thin tension veins commonly perpendicular perpendicular to core axis and thicker, irregular m.g. white-grey type parallel to c.a.	26.3	29.3	3.0	18618	337	78		29.30	32.40	90%	6.4
			Thicker quartz veins contain 5-7% pyrite - 2% qv overall	29.3	32.4	3.1	18619	346	77		32.40	35.40	100%	9.0
			3% Pyrite as disseminations and thin veinlets, also associated with magnetite in veinlets	32.4	35.4	3.0	18620	141	24		35.40	38.50	97%	8.3
			Remnant bedding observed (mainly @ 20 - 40 deg tca)	35.4	35.4	0.0	18621	138	32		38.50	41.50	100%	8.0
			2-3% magnetite throughout, locally (10cm) sections with 5% - mainly diss but also in veins with pyrite and quartz	35.4	38.5	3.1	18622	474	104		41.50	44.60	97%	8.0
				38.5	41.5	3.0	18623	743	112		44.60	47.60	100%	8.7
				41.5	44.5	3.0	18625	589	105		47.60	50.60	100%	8.0
				44.5	47.6	3.1	18626	706	145		50.60	53.70	100%	7.4
				47.6	50.6	3.0	18627	539	84		53.70	56.70	100%	7.7
				50.6	53.7	3.1	18628	549	90		56.70	59.80	100%	7.7
				53.7	56.7	3.0	18629	490	69		59.80	62.80	100%	7.0
				56.7	59.8	3.1	18630	180	26		62.80	65.90	100%	5.5
				59.8	62.8	3.0	18631	188	23		65.90	68.90	100%	6.3
				62.8	65.9	3.1	18632	205	30		68.90	72.00	100%	6.1
				65.9	68.9	3.0	18634	288	49		72.00	75.00	100%	6.0
				68.9	72.0	3.1	18635	375	54		75.00	78.10	100%	6.5
				72.0	75.0	3.0	18636	394	65		78.10	81.10	100%	6.0
				75.0	78.1	3.1	18637	1225	169		81.10	84.20	100%	4.2
				78.1	81.1	3.0	18638	1145	165		84.20	87.20	100%	4.3
				81.1	84.2	3.1	18639	739	113		87.20	90.30	100%	6.1
				84.2	87.2	3.0	18640	540	102		90.30	93.30	100%	7.3

DIAMOND DRILL HOLE LOG: SN-06-02		Elevation:	194.283	Easting (Nad 83):	369874.741
PROJECT: Snip North		Azimuth:		Northing (Nad 83):	6286656.297
Date Started:	Total Length: 201.5	Ind. at Collar:	Vertical	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre	Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
20.7	100.1	GW	**Greywacke (continued from previous page)**	87.2	90.2	3.0	18642	1016	235		93.30	96.40	100%	5.5
				90.2	93.3	3.1	18643	701	127		96.40	99.40	100%	5.3
				93.3	96.3	3.0	18644	1091	186		99.40	102.50	100%	7.1
				96.3	99.4	3.1	18645	992	136					
				99.4	100.2	0.8	18646	3780	541					
				100.2	102.1	1.9	18647	2239	361					
100.1	105.8	GW	**Greywacke** Same as above but with more abundant quartz or quartz-epidote veins - preferred at 70 deg tca Thick (up to 1 cm) quartz veins commonly with blebs of chalcopyrite 3-4% pyrite 0.2-0.2% cpy as blebs in quartz-epidote veins also as thin veinlets	102.1	104.2	2.1	18648	1061	190		102.50	105.50	100%	4.7
				104.2	105.8	1.6	18649	1179	192					
100.1	105.8	GW	**Greywacke** Minor biotite magnetite and chlorite - magnetite is disseminated but also in qtz-epi-cpy veins											
105.8	107.3	QV	**Quartz Vein** Blue-grey, cloudy, fine grained 30% remnant wall rock. White coarse grained quartz veins cuts the blue-grey variety 7% pyrite as blebs and veinlets 0.1% cpy, 1% mt	105.8	107.3	1.5	18650	1481	409		105.50	108.50	100%	6.3

DIAMOND DRILL HOLE LOG: SN-06-02			Elevation:	194.283	Easting (Nad 83):	369874.741
PROJECT: Snip North			Azimuth:		Northing (Nad 83):	6286656.297
Date Started:	Total Length: 201.5		Incl. at Collar:	Vertical	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS						CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
107.3	132.4	GW	**Greywacke**											
			Mainly featureless, massive, not banded	107.3	108.5	1.2	18651	2494	334		108.50	111.60	100%	6.5
			Brownish tinge (biotite?)	108.5	111.6	3.1	18652	770	120		111.60	114.60	100%	3.0
			Weak to moderately siliceous (hard)	111.6	114.6	3.0	18653	743	124		114.60	117.70	100%	5.2
			1% fine grained, light brown corroded mineral (garnet?)	114.6	117.7	3.1	18654	1183	195		117.70	120.70	100%	5.7
			Several generations of quartz veining - early milky, grey, cloudy variety (this cloudy qv is very irregular in shape - sauiggly to lenticular) and later thin, white, coarse grained variety. Quartz vein rich zone @ 126.5-129.2	117.7	120.7	3.0	18655	1232	263		120.70	123.80	100%	6.5
			5% pyrite as disseminations, veinlets and in qv	120.7	123.7	3.0	18656	2686	772					
			2% magnetite but locally up to 5% over 10 cm. Possible that cpy abundance is related to magnetite content	123.7	126.5	2.8	18657	1919	368		123.80	126.80	100%	6.7
			Trace epidote but more abundant toward bottom of section	126.5	127.8	1.3	18658	1209	221		126.80	129.80	100%	7.3
			0.1% cpy as diss and veinlets	127.8	129.2	1.4	18659	1421	315		129.80	132.90	100%	5.2
				129.2	129.8	0.6	18660d	1315	268					
				129.8	132.4	2.6	18662	1570	260					
132.4	145.1	SG	**Siliceous Greywacke**											
			Medium grey, hard and dense (resembles hornfels)	132.4	134.7	2.3	18663	1230	221		132.90	134.70	94%	8.2
			Brownish tinge (biotite)	134.7	135.9	1.2	18665	1830	309		134.70	135.90	100%	6.7
			1% epidote as small blebs (possibly alteration product after primary mineral)	135.9	139.0	3.1	18666	1073	158		135 90	139.00	100%	6.8
			5% milky grey quartz veins	139.0	142.0	3.0	18667	1191	196		139.00	142.00	100%	6.3
			Trace magnetite (less than unit above)	142.0	145.1	3.1	18668	1017	220		142.00	144.20	100%	5.7
			3% pyrite											
145.1	147.7	QV	**Quartz-carbonate-talc Vein**											
			Creamy white with yellowish cast	145.1	146.3	1.2	18669	2459	309		144.20	147.20	97%	6.9
			Moderately soft, brecciated (poss. In fault zone)	146.3	147.7	1.4	18670	810	164					
			2% pyrite - 1% fine grqained magnetite											

DIAMOND DRILL HOLE LOG: SN-06-02			Elevation:	194.283	Easting (Nad 83):	369874.741
PROJECT: Snip North			Azimuth:		Northing (Nad 83):	6286656.297
Date Started:	Total Length: 201.5		Incl. at Collar:	Vertical	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS						CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
147.7	157.0	SG	**Siliceous Greywacke**											
			Fine grained, featureless, except minor, vague, banding (bedding?) sub-parallel to core axis	147.7	150.3	2.6	18671	734	176		147.20	150.30	100%	4.8
			Abundant biotite, 1% epidote as small blegs and stringers	150.3	153.3	3.0	18672	1032	408		150.30	153.30	100%	6.3
			3% quartz veins (cloudy, indistinct, fine grained) sub-parallel to core axis. Also thick sections with abundant large blebs of quartz	153.3	157.0	3.7	18673	1786	2025		153.30	154.20	100%	7.8
			3% pyrite as disseminations and fine stringers (preferentially sub-parallel to core axis).								154.20	157.30	97%	5.0
			1% fine grained magnetite											
157.0	186.2	GW	**Greywacke**											
			Same as above but less siliceous, mainly featureless but rare laminations (@75 deg tca) at 171-172	157.0	160.3	3.3	18674	978	220		157.30	160.30	100%	5.3
			Few intervals with fragments (clasts), some sub-rounded	160.3	163.4	3.1	18675	1829	405		160.30	163.40	100%	5.2
			Minor biotite, 1% epidote as yellow-green spots and splashes, minor calcite stringers	163.4	166.4	3.0	18676d	1112	447		163.40	166.40	100%	5.3
			4-5% pyrite as diss, stringers and in qv	166.4	169.5	3.1	18678	1409	425		166.40	169.50	100%	5.2
			1% magnetite overall but variable	169.5	172.5	3.0	18679	1339	432		169.50	172.50	97%	5.5
				172.5	175.6	3.1	18680	1197	296		172.50	175.60	100%	5.8
				175.6	178.6	3.0	18682	1657	381		175.60	178.60	30%	2.2
				178.6	181.7	3.1	18683	1231	318		178.60	181.70	100%	5.8
				181.7	184.7	3.0	18684	591	173		181.70	184.70	100%	5.7
				184.7	186.2	1.5	18686	545	102		184.70	187.80	97%	6.3
186.2	201.5	SG	**Siliceous Greywacke**											
			Grey, hard, dense, variably siliceous	186.2	187.8	1.6	18687	377	101		187.80	190.80	100%	4.7

DIAMOND DRILL HOLE LOG: SN-06-02				Elevation:	194.283	Easting (Nad 83):	369874.741
PROJECT: Snip North				Azimuth:		Northing (Nad 83):	6286656.297
Date Started:	Total Length: 201.5			Ind. at Collar:	Vertical	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre			Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
186.2	201.5	SG	**Siliceous Greywacke (continued from previous page)**											
			3% quartz veins; very irregular, squiggly, broken, faulted many sub-parallel to core axis	187.8	190.8	3.0	18688	760	404		190.80	193.80	97%	6.2
			5% pyrite as diss, veinlets and in quartz veins	190.8	193.8	3.0	18689	635	362		193.80	196.90	97%	4.7
			Trace epidote and biotite	193.8	196.9	3.1	18690	674	485		196.90	199.90	100%	6.3
				196.9	199.9	3.0	18691	1346	396		199.90	201.50	100%	7.5
				199.9	201.5	1.6	18692	449	130					

DIAMOND DRILL HOLE LOG: SN-06-03				Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North				Azimuth:	180.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 203.0			Incl. at Collar:	-50.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre			Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
0.0	11.6	OB	**Overburden, casing, no recovery**								0.0	11.6	0%	0
11.6	25.0	GW	**Greywacke**											
			Fine grained, dark green grey, featureless, fragmental (clasts) locally	11.6	14.0	2.4	18696	961	196		11.6	14.0	92%	6.4
			Weakly siliceous	14.0	15.5	1.5	18697	1253	274		14.0	17.1	90%	7.1
			2-3% thin, squiggly, blue-grey, cloudy quartz veins	15.5	17.1	1.6	18698	1871	424		17.1	20.1	100%	7.7
			5% fine grained to medium grained pyrite as disseminations, veinlets and in quartz veins. Pyrite is more abundant where qv are more concentrated	17.1	20.1	3.0	18699	1081	450		20.1	23.2	100%	7.7
			1% magnetite	20.1	21.6	1.5	18700	2589	881		23.2	25.6	75%	6.7
			0.2% cpy as fine grained blebs, mainly in are around quartz veins	21.6	23.2	1.6	18701	969	216					
				23.2	25.0	1.8	18702	1268	267					
25.0	28.5	SG	**Siliceous Greywacke**											
			Light to medium grey (bleached appearance), variably silieous	25.0	26.5	1.5	18703	1538	462		25.6	28.7	100%	7.1
			More abundant quqrtz veins than unit above. Quartz veins are very irregular (toothpaste, squiggly) and have dark green (shloritic?) in places	26.5	28.0	1.5	18704	1333	446					
			6-7% pyrite. Common in chloritic zones											
			0.3% chalcopyrite as small blebs and stringers											
28.5	89.3	GW	**Greywacke**											
			As above, several sections display vague banding (at 40m - 30 deg tca)	28.0	30.0	2.0	18706	1443	289		28.7	31.7	100%	6.0
			More siliceous and qv-rich zones (minor units) @ 35.4-36.1 abd 38.4-39.2	30.0	31.7	1.7	18707	1499	326		31.7	32.3	100%	3.3
			Brownish tinge (biotite?)	31.7	33.2	1.5	18708	788	161		32.3	35.4	100%	7.1
			Dusty medium blue-grey mineral on some fracs	33.2	35.4	2.2	18709	1469	384					
			5% quartz veins. Veins are composes of medium grained, white-grey, squiggly, toothpaste-like, broken	35.4	38.4	3.0	18710d	1403	441		35.4	38.4	100%	5.3
			4% pyrite as disseminations, veinlets and small blebs in quartz veins	38.4	39.2	0.8	18712	624	459		38.4	41.5	100%	2.6

DIAMOND DRILL HOLE LOG: SN-06-03				Elevation:	107.040		Easting (Nad 83):	370052.779		
PROJECT: Snip North				Azimuth:	180.0		Northing (Nad 83):	6286564.439		
Date Started:	Total Length: 203.0			Incl. at Collar:	-50.0		Core Size at Collar:	NQ		
Completed:	Logged by: Dave DuPre			Inclination at Depth:						

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv.	From	To	Recovery	RQD
28.5	89.3	GW	**Greywacke (continued from previous page)**											
			0.1 - 0.2 % cpy as diss. Stringers and in qv. Mainly concentrated where qv are more abundant	39.2	41.5	2.3	18713	886	247		41.5	44.5	100%	6.3
			Trace fine grained magnetite (more abundant near quartz veins. Seems to be a correlation between cpy, py, qv and mt	41.5	44.5	3.0	18714	1046	256		44.5	47.5	100%	6.3
				44.5	47.5	3.0	18715	996	344		47.5	50.6	97%	4.0
				47.5	50.6	3.1	18716	1238	412		50.6	53.6	100%	4.3
				50.6	53.6	3.0	18717	859	531		53.6	56.7	97%	5.0
				53.6	56.7	3.1	18718	1223	323		56.7	59.7	100%	3.3
				56.7	59.7	3.0	18719	1263	518					
				59.7	62.2	2.5	18721	1371	553		59.7	62.2	92%	3.5
				62.2	63.4	1.2	18722	1721	547		62.2	63.4	100%	3.3
				63.4	65.8	2.4	18723	1113	436		63.4	65.8	92%	5.0
				65.8	68.9	3.1	18724	1171	439		65.8	68.9	100%	4.2
				68.9	71.9	3.0	18725	1791	591		68.9	71.9	100%	3.0
				71.9	75.0	3.1	18726	1797	799		71.9	75.0	100%	2.9
				75.0	78.0	3.0	18727	958	334		75.0	78.0	100%	5.0
				78.0	81.1	3.1	18728d	1247	215		78.0	81.1	97%	6.3
				81.1	84.1	3.0	18730	985	203		81.1	84.1	100%	6.0
				84.1	87.2	3.1	18731	1651	369		84.1	87.2	100%	5.5
				87.2	89.3	2.1	18732	727	161		87.2	90.2	97%	1.7
89.3	127.9	SG	**Siliceous Greywacke**											
			Medium grey, variably siliceous (bleached)	89.3	90.8	1.5	18733	776	182					
			5%-8% quartz veins, Quartz veins are very irregular and up to 10 cm thick	90.8	93.3	2.5	18734	750	157		90.2	93.3	100%	0.3
			Abundant fractures (mainly filled with py, cpy or chl	93.3	96.3	3.0	18735	1803	309		93.3	96.3	100%	2.0

DIAMOND DRILL HOLE LOG: SN-06-03			Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North			Azimuth:	180.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 203.0		Incl. at Collar:	-50.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
89.3	127.9	SG	**Siliceous Greywacke (continue from previous page)**											
			0.1% cpy, mainly in qv but also as stringers (up to 5% cpy over few 10 cm, quarz vein-rich sections)	96.3	99.4	3.1	18736	1377	277		96.3	99.4	100%	4.2
			2-4% pyrtie	99.4	102.4	3.0	18737	1463	357		99.4	102.4	100%	4.7
			Trace biotite, 1% magnetite	102.4	105.5	3.1	18739	1277	300		102.4	105.5	100%	6.1
				105.5	108.5	3.0	18740	1073	232		105.5	108.5	100%	6.7
				108.5	111.6	3.1	18741	992	248		108.5	111.6	100%	7.1
				111.6	114.6	3.0	18742	872	304		111.6	114.6	100%	5.7
				114.6	117.6	3.0	18744	504	181		114.6	117.6	100%	6.3
				117.6	120.7	3.1	18745	509	138		117.6	120.7	97%	6.7
				120.7	123.7	3.0	18746	984	261		120.7	123.7	100%	7.0
				123.7	126.8	3.1	18747	500	128		123.7	126.8	100%	5.8
127.9	203.0	GW	**Greywacke**											
			Dark green-grey, fine grained, mainly featureless but faint bedding in places, also few clasts of lighter coloured rock	126.8	129.8	3.0	18748	425	103		126.8	129.8	100%	6.7
			Bedding (thin) more common toward bottom of hole and preferentially at 65 deg tca	129.8	132.9	3.1	18749	695	151		129.8	132.9	100%	6.5
			Note: Vagueness of primary features and crystalline nature of minerals suggest that entire package has been weakly metamorphosed (cooked)	132.9	135.9	3.0	18750	611	126		132.9	135.9	100%	9.0
			Minor sections up to meters long that are weakly to moferately siliceous	135.9	139.0	3.1	18752	680	124		135.9	139.0	100%	8.1
			Minor biotite and chlorite	139.0	142.0	3.0	18754	697	154		139.0	142.0	100%	7.7
			Weakly fractured	142.0	145.1	3.1	18755	396	77		139.0	145.1	100%	8.1

DIAMOND DRILL HOLE LOG: SN-06-03		Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North		Azimuth:	180.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 203.0	Ind. at Collar:	-50.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre	Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
127.9	203.0	GW	**Greywacke (continued from previous page)**											
			3% quartz veins (white grey and medium grained) at all angles to core axis but slight preference for 70-80 deg tca. Veisn are commonly squiggly but some are planar and up to 5 cm thick	145.1	148.1	3.0	18756	431	100		0.0	148.1	100%	7.7
			3% pyrite overall but increases downhole to 4%	148.1	151.1	3.0	18757	579	112		148.1	151.2	100%	7.4
			Epidote in qv @ 165-175	151.1	154.2	3.1	18758	1423	324		151.2	154.2	100%	8.3
			0.2% cpy; almost all as med. Grained blebs in qv, minor disseminations and stringers but most abundant in proximity to qv	154.2	157.2	3.0	18760	385	115		154.2	157.3	100%	7.4
				157.2	160.3	3.1	18761	453	121		157.3	160.3	100%	7.3
				160.3	163.4	3.1	18762	800	231		160.3	163.4	100%	6.5
				163.4	166.4	3.0	18763	702	257		163.4	166.4	100%	8.3
				166.4	169.5	3.1	18764	497	146		166.4	169.5	100%	7.4
				169.5	172.5	3.0	18766	461	204		169.5	172.5	100%	6.7
				172.5	175.5	3.0	18767	645	257		172.5	175.6	100%	8.4
				175.5	178.6	3.1	18768	428	252		175.6	178.6	100%	6.3
				178.6	181.7	3.1	18769	436	168		178.6	181.7	94%	4.5
				181.7	183.8	2.1	18770	579	428		181.7	183.8	95%	5.0
				183.8	186.8	3.0	18771	1185	313		183.8	186.8	100%	5.3
				186.8	189.9	3.1	18772	714	204		186.8	189.9	100%	7.7
				189.9	193.8	3.9	18773d	549	197		189.9	193.8	95%	8.9
				193.8	196.9	3.1	18775	535	143		193.8	196.9	100%	7.7
				196.9	199.9	3.0	18776	591	157		196.9	199.9	100%	7.7
				199.9	203.0	3.1	18777	429	122		199.9	203.0	100%	8.1

DIAMOND DRILL HOLE LOG: SN-06-04			Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North			Azimuth:	0.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 235.9		Incl. at Collar:	-51.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
0.0	6.1	OB	**Casing, no recovery**								0.0	6.1	0%	0.0
6.1	27.3	SG	**Siliceous Greywacke**											
			Variably altered (siliceous) as shown mainly by colour and hardness	6.1	7.9	1.8	18778	1047	418		6.1	7.9	78%	1.1
			In places rock is foliated @ 50-60 deg tca	7.9	11.0	3.1	18779	385	258		7.9	11.0	100%	5.8
			Abundant quartz veins @ 6.1 to 23.2; Veins preferentially aligned at 50-60 deg tca; Several quartz vein types - cloudy, blue-grey squiggly & white, medium grained varieties; Some quartz veins are brecciated	11.0	14.0	3.0	18780	938	483		11.0	14.0	100%	4.7
			5% pyrite, mainly concentrated in quartz veins and more siliceous zones	14.0	17.1	3.1	18781	423	299		14.0	17.1	100%	4.5
			0.1 - 0.2% chalcopyrite as small blebs (mainly in and around qv)	17.1	20.1	3.0	18782	951	1293		17.1	20.1	100%	3.7
			1% fine grained magnetite (locally up to 3%)	20.1	23.2	3.1	18783	1290	3376		20.1	23.2	100%	3.5
				23.2	26.2	3.0	18785	601	231		23.2	26.2	97%	2.7
				26.2	27.3	1.1	18786	667	396		26.2	29.3	87%	1.3
27.3	34.8	FZ	**Fault Zone**											
			Broken core, gouge, soft	27.3	29.3	2.0	18787	646	264		29.3	32.3	53%	0.0
			10% white, quartz veins - broken in chunks	29.3	32.3	3.0	18788	263	62		32.3	35.3	77%	1.3
			Abundant dark green, grainy clay mineral (chlorite)	32.3	34.8	2.5	18789	763	171					
			In one place have large warped platey mineral - metallic blue-grey (moly - check assays)											
34.8	36.9	SG	**Siliceous Greywacke**											
			Same as unit at 6.1-27.3	34.8	36.9	2.1	18790	619	204		35.3	37.8	96%	0.8
			Squiggly qv - brecciated in places, weird purple-blue-grey ductile mineral											
			1% pyrite, 0.1% cpy											

DIAMOND DRILL HOLE LOG: SN-06-04			Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North			Azimuth:	0.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 235.9		Ind. at Collar:	-51.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
36.9	38.0	QV	**Quartz Vein**											
			White, coarse grained, minor chlorite wisps	36.9	38.0	1.1	18791	113	34		37.8	40.2	79%	1.3
			Mixed with remnants of altered greywacke											
			Some gouge, possible fault zone with abundant qv											
			1% disseminated fine grained pyrite											
			0.1% cpy											
38.0	45.4	QV	**Quartz Vein**											
			Mixed white quarz vein and altered (clay) greywacke, Some gouge, possibly a fault zone with abundant qv	38.0	41.5	3.5	18792	381	82		40.2	41.5	85%	0.8
			1% disseminated fine grained diss pyrite	41.5	44.0	2.5	18793	310	110		41.5	44.5	70%	1.0
				44.0	45.4	1.4	18794	171	46		44.5	47.5	60%	0.3
45.4	51.5	FZ	**Fault Zone**											
			Broken core, gouge, 5% white qv (sub-parallel to ca)	45.4	48.4	3.0	18795	479	126		47.5	50.3	89%	0.0
			Trace pyrite	48.4	51.5	3.1	18796	631	171		50.3	50.6	100%	0.0
51.5	55.4	SG	**Siliceous Greywacke**											
			Same as unit @ 6.1-27.3	51.5	54.4	2.9	18797	366	187		50.6	53.6	100%	3.0
			5% blue-grey qv											
			2-3% pyrite, 0.2% cpy - mainly in qv											
55.4	57.0	QV	**Quartz Vein**											
			White, coarse grained	54.4	55.4	1.0	18798	351	285		53.6	56.7	100%	3.2
			Wisps and lenses of chlorite	55.4	57.0	1.6	18799	147	34					
			trace pyrite in chloritic material											

DIAMOND DRILL HOLE LOG: SN-06-04		Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North		Azimuth:	0.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 235.9	Incl. at Collar:	-51.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre	Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
57.0	63.1	FZ	**Fault Zone**											
			Broken core, blocky	57.0	60.0	3.0	18800	1413	313		56.7	59.7	87%	0.3
			gouge, 10% broken qv	60.0	63.1	3.1	18801	599	138		59.7	62.8	61%	1.3
63.1	119.7	SG	**Siliceous Greywacke**											
			Medium grey, hard, dense	63.1	65.8	2.7	18802	690	113		62.8	65.8	70%	1.0
			Mainly featureless but rare vague badding	65.8	68.9	3.1	18803	846	151		65.8	68.9	90%	1.0
			Variably siliceous from 105.4-119.7	68.9	71.9	3.0	18804	706	145		68.9	71.9	97%	2.3
			Minor (1%) qv except 5% @ 105.4-119.7. Preferentielly oriented at 30 deg tca, sheeted or brecciated very locally - mainly squiggly (toothpaste-like)	71.9	75.0	3.1	18805	1248	212		71.9	75.0	94%	3.5
			Mod. Fractured, creckle texture in places, fracs filled with chlorite in places	75.0	78.0	3.0	18807	1641	779		75.0	78.0	100%	3.0
			2% pyrite	78.0	81.1	3.1	18808	906	197		78.0	81.1	94%	2.9
			tr - 0.1% cpy, mainly in qv (locally up to 5% over 20 cm intervals)	81.1	84.1	3.0	18809	794	98		81.1	84.1	100%	2.7
			1% magnetite	84.1	87.2	3.1	18810	1249	175		84.1	87.2	94%	1.3
				87.2	90.2	3.0	18811	1413	250		87.2	90.2	93%	0.7
				90.2	93.3	3.1	18812	612	103		90.2	93.3	90%	1.9
				93.3	96.3	3.0	18814	502	84		93.3	96.3	100%	2.0
				96.3	99.4	3.1	18815	1060	158		96.3	99.4	97%	3.9
				99.4	102.4	3.0	18816	810	115		99.4	102.4	100%	5.0
				102.4	105.5	3.1	18818	1149	200		102.4	105.5	94%	2.9
				105.5	108.5	3.0	18819d	980	158		105.5	108.5	100%	4.3
				108.5	111.6	3.1	18821	852	148		108.5	111.6	100%	3.2
				111.6	114.6	3.0	18822	675	300		111.6	114.6	97%	4.7
				114.6	117.6	3.0	18823	427	147		114.6	117.6	100%	4.3
											117.6	120.7	97%	4.8

DIAMOND DRILL HOLE LOG: SN-06-04			Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North			Azimuth:	0.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 235.9		Incl. at Collar:	-51.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
119.7	186.3	GW	**Greywacke**											
			Fine grained, dark green-grey	117.6	120.7	3.1	18824	619	228		120.7	123.7	100%	2.0
			Moderately fractured except more fractured @ 127.6-135.7 & 144.7-154.2	120.7	123.7	3.0	18826	872	216		123.7	126.8	100%	1.9
			1% qv - squiggly white or planar (30-40 deg tca). White qv @ 179.9 - 180.2 & 183.1 - 183.3.	123.7	126.8	3.1	18827	866	253		126.8	129.8	93%	0.0
			Chloritic, very minor epidote	126.8	129.8	3.0	18828	1073	211		129.8	132.9	87%	0.0
			2% diss magnetite	129.8	132.9	3.1	18829	851	217		132.9	135.9	97%	2.0
			Trace cpy as med grained blebs concentrated in qv - py and cpy more abundant from 163 - 186.3	132.9	135.9	3.0	18830	823	210		135.9	139.0	97%	4.8
			Powdery blue-grey-purple mineral on some fracs	135.9	139.0	3.1	18831	1086	194		139.0	142.0	100%	3.7
				139.0	142.0	3.0	18832	1465	212		142.0	145.0	97%	1.7
				142.0	145.1	3.1	18833	1416	256		145.0	148.1	94%	0.3
				145.1	148.1	3.0	18834	1052	195		148.1	151.2	100%	1.3
				148.1	151.2	3.1	18835	729	218		151.2	153.9	0%	0.0
				151.2	153.8	2.6	18837	1268	258		153.9	154.2	0%	0.0
				154.2	157.3	3.1	18838	1363	248		154.2	157.3	90%	3.5
				157.3	160.3	3.0	18839	653	103		157.3	160.3	100%	2.7
				160.3	163.4	3.1	18841	671	170		160.3	163.4	100%	0.3
				163.4	166.4	3.0	18842	688	270		163.4	166.4	97%	1.0
				166.4	167.5	1.1	18843	417	159		166.4	169.5	100%	1.0
				167.5	172.5	5.0	18844	572	320		169.5	172.5	93%	5.0
				172.5	175.6	3.1	18845	643	138		172.5	175.6	100%	2.9
				175.6	178.6	3.0	18846	633	341		175.6	178.6	100%	5.3
				178.6	181.7	3.1	18847d	638	240		178.6	181.7	97%	5.2
				181.7	184.7	3.0	18849	884	103		181.7	184.7	100%	2.0
				184.7	187.8	3.1	18850	634	101		184.7	187.1	96%	1.3

DIAMOND DRILL HOLE LOG: SN-06-04				Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North				Azimuth:	0.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 235.9			Incl. at Collar:	-51.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre			Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
186.3	222.7	SG	**Siliceous Greywacke**											
			Bleached, light to medium grey, variable	187.8	190.8	3.0	18851	568	235		187.1	190.0	100%	1.7
			Fine grained, featureless	190.8	193.9	3.1	18852	1399	323		190.0	193.9	100%	3.1
			Moderately fractured, thin qv @ 35 deg tca	193.9	196.9	3.0	18853	613	132		193.9	196.9	100%	1.0
			Quartz - sulphide rich veins average 1cm thick but can be up to 5cm thick. Commonly display chloritic selvages	196.9	199.9	3.0	18854	619	169		196.9	199.9	93%	3.7
			1% pyrite and tr - 0.2% cpy (mainly in qv) but also in stringers	199.9	201.5	1.6	18855	594	108		199.9	201.5	88%	0.0
			1% magnetite	201.5	204.5	3.0	18857	337	226		201.5	204.5	90%	3.3
			Uncommon yellow-buff platey mineral, in stringers and knots	204.5	207.6	3.1	18858	396	430		204.5	207.6	87%	1.3
			Trace epidote, sericite and muscovite? - mainly near bottom of section at 219 - 222.7	207.6	210.6	3.0	18859	410	122		207.6	210.6	100%	1.7
				210.6	213.7	3.1	18860	590	199		210.6	213.7	84%	1.9
				213.7	215.8	2.1	18861	562	107		213.7	215.8	100%	0.5
				215.8	217.6	1.8	18862	182	30		215.8	217.6	94%	5.6
				217.6	220.7	3.1	18863	361	61		217.6	220.7	87%	4.5
				220.7	222.7	2.0	18864d	272	46					
222.7	224.0	DB	**Diabase Dyke**											
			Fine grained, massive, brown-grey	222.7	224.0	1.3	18866	35	2		220.7	223.7	100%	6.0
			Salt and pepper texture with 5% black and 5% white microcrysts											
			Hangingwall contact @ 20 deg tca, footwall contact gradational (difficult to isolate)											
224.0	229.0	GW	**Greywacke**											
			Similar to unit above. 5% white microcrysts @ 228.2- 229.0	224.0	226.8	2.8	18867	369	40		223.7	226.8	100%	4.2
			Mod. Fractured with chlorite or pyrite	226.8	229.8	3.0	18868	228	33		226.8	229.8	100%	4.3
			5% quartz veins pref @ 40 deg tca											

DIAMOND DRILL HOLE LOG: SN-06-04			Elevation:	107.040	Easting (Nad 83):	370052.779
PROJECT: Snip North			Azimuth:	0.0	Northing (Nad 83):	6286564.439
Date Started:	Total Length: 235.9		Ind. at Collar:	-51.0	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
224.0	229.0	GW	**Greywacke (continued from previous page)** 1% epidote Trace brown-buff platey mineral (muscovite?) Chloritic - mainly in qv and along fracs 1% pyrite, trace cpy 1% magnetite except more in and around qv	229.8	232.9	3.1	18869	231	37		229.8	232.9	100%	5.2
229.0	233.0	SG	**Siliceous Greywacke** Bleached, light to medium grey, variable Fine grained, featureless Moderately fractured, thin qv @ 35 deg tca 1% pyrite 1% magnetite except more in and around qv 1% epidote											
233.0	235.9	GW	**Greywacke** Similar to unit above. Mod. Fractured with chlorite or pyrite Chloritic - mainly in qv and along fracs 1% pyrite, trace cpy - mainly in qv 1% magnetite except more in and around qv	232.9	235.9	3.0	18871	462	61		232.9	235.9	100%	6.7

DIAMOND DRILL HOLE LOG: SN-06-05			Elevation:	95	Easting (Nad 83):	370250
PROJECT: Snip North			Azimuth:	0.0	Northing (Nad 83):	6286550
Date Started:	Total Length: 206.3		Ind. at Collar:	-49.5	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Indination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
0.0	12.8	⊠	**Overburdern, casing, no recovery**								0.0	12.8	0%	0.0
12.8	17.9	GW	**Greywacke**											
			Dark green-grey, fine grained	12.8	15.0	2.2	18872	767	120		12.8	14.3	87%	0.0
			Orange-brown weathering (oxidation), broken core	15.0	17.9	2.9	18873	389	73		14.3	17.4	84%	1.9
			bcal foliation defined by stretched fragments, quartz veins @ 30-40 deg to core axis											
			5% qv											
			3% pyrite as disseminations and stringers											
			ssible diabase dyk @ 14.9-15.5											
17.9	20.4	DB	**Diabase Dyke**											
			Fine grained, dense, competant, brown-grey, massive	17.9	20.4	2.5	18874	57	3		17.4	20.4	93%	3.9
			5% fine, white plag(?)microcrysts and also 5% very fine grained blackmicrocrysts											
			Contacts not apparent											
			quartz veins											
			1% diss mt											
20.4	40.3	SG	**Siliceous Greywacke**											
			ght to medium grey, hard, variably siliceous, lower part is less siliceou s	20.4	23.5	3.1	18875	490	108		20.4	23.5	94%	0.3
			Weakfabric @ 50 deg tca defined by elongated fragments and mineral train s	23.5	26.5	3.0	18877	790	228		23.5	26.5	97%	1.0
			3% irregular white qv but slight pref for 60 deg tca	26.5	29.6	3.1	18878	509	135		26.5	29.6	94%	1.0
			1% py, 1% mt, trace cpy (mainly in qv)	29.6	31.7	2.1	18879	698	370		29.6	31.7	90%	0.5
				31.7	34.7	3.0	18880	760	192		31.7	34.7	97%	0.0
				34.7	37.2	2.5	18881	500	132		34.7	37.2	92%	0.4
				37.2	40.3	3.1	18882	572	192		37.2	38.7	100%	0.0

DIAMOND DRILL HOLE LOG: SN-06-05			Elevation:	95	Easting (Nad 83):	370250
PROJECT: Snip North			Azimuth:	0.0	Northing (Nad 83):	6286550
Date Started:	Total Length: 206.3		Incl. at Collar:	-49.5	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
20.4	40.3	SG	**Siliceous Greywacke (continued from previous page)**								38.7	41.8	100%	3.9
40.3	46.3	DB	**Diabase Dyke**											
			Same as above	40.3	43.2	2.9	18883	48	4		41.8	44.8	100%	6.3
			1% diss f.g. magnetite	43.2	46.3	3.1	18884	120	37		44.8	47.8	100%	4.7
			contacts gradational											
46.3	63.1	SG	**Siliceous Greywacke**											
			Grey, bleached, some sections are less siliceous	46.3	47.8	1.5	18885	274	185		47.8	50.9	97%	4.0
			3-5% qv except 5-10% @ 46.3 - 50.0	47.8	50.9	3.1	18886	685	233		50.9	53.9	100%	3.0
			1% epidote blebs in places	50.9	53.9	3.0	18887	434	146		53.9	57.0	19%	1.7
			2% py, 0.1% cpy - mainly concentrated in qv	53.9	57.0	3.1	18888	227	61		57.0	60.0	93%	1.8
				57.0	60.0	3.0	18889	146	30		60.0	63.1	94%	2.8
				60.0	63.1	3.1	18890	304	78					
63.1	109.2	GW	**Greywacke**											
			Dark green-grey, fine grained, mainly featureless but minor vague bedding in places	63.1	66.1	3.0	18891	264	67		63.1	66.1	100%	5.3
			Moderately fractured with chlorite in fracs	66.1	69.2	3.1	18893	369	119		66.1	69.2	100%	6.5
			2% quartz veining, white barren and grey-white with sulphides	69.2	72.2	3.0	18894	235	82		69.2	72.2	97%	3.8
			Quartz-epidote veins rarely, also small epidote clots	72.2	75.3	3.1	18895	355	2417		72.2	75.3	87%	2.2
			Trace biotite	75.3	78.3	3.0	18896	186	159		75.3	78.3	100%	2.3
			1% fine grained magnetite	78.3	81.4	3.1	18897	486	103		78.3	81.4	100%	4.2
			1% fine grained pyrite wne trace cpy	81.4	84.4	3.0	18898	218	41		81.4	84.4	100%	2.3
				84.4	87.5	3.1	18900	170	42		84.4	87.5	97%	3.0
				87.5	90.5	3.0	18901	171	24		87.5	90.5	100%	1.7

DIAMOND DRILL HOLE LOG: SN-06-05				Elevation:	95		Easting (Nad 83):	370250
PROJECT: Snip North				Azimuth:	0.0		Northing (Nad 83):	6286550
Date Started:	Total Length: 206.3			Incl. at Collar:	-49.5		Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre			Inclination at Depth:				

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
63.1	109.2	GW	**Greywacke (continued from previous page)**	90.5	93.6	3.1	18902	319	54		90.5	93.6	100%	3.5
				93.6	96.6	3.0	18903	1744	271		93.6	96.6	100%	5.0
				96.6	99.7	3.1	18904d	1032	163		96.6	99.7	100%	4.8
				99.7	102.7	3.0	18906	237	45		99.7	100.9	83%	4.0
				102.7	105.5	2.8	18907	231	40		100.9	102.7	100%	5.6
				105.5	108.5	3.0	18908	461	83		102.7	105.5	93%	4.6
											105.5	108.5	93%	7.1
109.2	111.5	SG	**Siliceous Greywacke**											
			Medium to light grey, hard, dense	108.5	111.6	3.1	18909	224	33		108.5	111.6	94%	5.5
			Moderately fractured											
			3-4% qv											
			2% pyrite as disseminations, veinlets and in qv											
			1% magnetite											
			Trace cpy											
111.5	121.0	GW	**Greywacke**											
			Same as unit at 63.1-109.2	111.6	114.6	3.0	18910	356	44		111.6	114.6	93%	3.6
			More siliceous zone a 118.0 - 118.5. Generally siliceous zones have more qv, sulphides and fractures	114.6	117.3	2.7	18911	503	69		114.6	117.3	96%	3.5
			3-4% qv, trace epidote	117.3	121.0	3.7	18913	247	56		117.3	118.0	86%	3.3
											118.0	121.0	87%	1.9
121.0	130.1	SG	**Siliceous Greywacke**											
			3% qv and mod fractures - both pref 30 deg tca	121.0	124.1	3.1	18914	199	34		121.0	124.1	100%	3.5
			1% magnetite	124.1	127.1	3.0	18915	153	30		124.1	127.1	100%	3.7

DIAMOND DRILL HOLE LOG: SN-06-05			Elevation:	95	Easting (Nad 83):	370250
PROJECT: Snip North			Azimuth:	0.0	Northing (Nad 83):	6286550
Date Started:	Total Length: 206.3		Incl. at Collar:	-49.5	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
121.0	130.1	SG	**Siliceous Greywacke (continued from previous page)**											
			1% py and tr cpy as diss and aligned along fracs and qv	127.1	130.1	3.0	18916	255	62		127.1	130.1	100%	4.0
130.1	136.2	GW	**Greywacke**											
			Same as 111.5 - 121.0	130.1	133.2	3.1	18917	168	36		130.1	133.2	94%	5.2
			Minor siliceous zones	133.2	136.2	3.0	18918	349	190		133.2	136.2	97%	1.4
			Several thinlqtz-epidote veins											
			3-4% qv, trace epidote											
			1% fine grained magnetite											
			1% fine grained pyrite wne trace cpy											
136.2	145.0	SG	**Siliceous Greywacke**											
			Bleached, grey. Fine frained	136.2	139.3	3.1	18919	245	41		136.2	139.3	90%	0.0
			Abundant fractured filled with chorite	139.3	142.3	3.0	18920	410	156		139.3	142.3	97%	1.0
			Chilled (finer grained) margins	142.3	145.0	2.7	18921	179	82		142.3	145.4	100%	2.3
148.2	150.7	GW	**Greywacke**											
			Same as 111.5 - 121.0	145.0	148.2	3.2	18922d	295	119		145.4	148.4	93%	6.4
			Minor siliceous zones	148.2	150.7	2.5	18924	230	46		148.4	151.5	100%	0.6
			3-4% qv, trace epidote											
			1% fine grained magnetite											
			1% fine grained pyrite											
150.7	154.0	DB	**Diabase Dyke**											
			Brown-grey, fine grained massive	150.7	154.0	3.3	18925	119	31		151.5	154.5	67%	1.5
			1% very fine grained blackmicrocrysts and 1% cloudy white fine crystals											

DIAMOND DRILL HOLE LOG: SN-06-05				Elevation:	95			Easting (Nad 83):	370250		
PROJECT: Snip North				Azimuth:	0.0			Northing (Nad 83):	6286550		
Date Started:	Total Length: 206.3			Incl. at Collar:	-49.5			Core Size at Collar:	NQ		
Completed:	Logged by: Dave DuPre			Inclination at Depth:							

DEPTH		LITHOLOGY		ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
150.7	154.0	DB	**Diabase Dyke (continued from previous page)**											
			Chilled (finer grained) margins											
154.0	157.9	SG	**Siliceous Greywacke**											
			Grey, fine grained, featureless	154.0	156.0	2.0	18926	152	33		154.5	157.6	87%	1.9
			5% white qv also minor cloudy grey-white qv	156.0	157.9	1.9	18927	306	59					
			Trace epidote and chlorite on fracs and in qv											
			2% pyrite - mainly fine grained but locally medium grained and euhedral											
			1% magnetite											
			Trace chalcopyrite											
157.9	161.4	QV	**Quartz Vein**											
			White, 95% quartz with minir chlorite and epidote	157.9	159.3	1.4	18928	41	20		157.6	160.6	100%	1.7
			Very minor amounts of xenolithic material - more common toward bottom of vein	159.3	161.4	2.1	18929	56	41					
			1% mg py											
			1% magnetie											
			Trace cpy											
161.4	181.1	SG	**Siliceous Greywacke**											
			Grey, fine grained, featureless except local vague thin bedding	161.4	163.7	2.3	18930	812	158		160.6	163.7	94%	1.7
			Variably siliceous except very siliceous @ 161.4 - 167.1	163.7	166.7	3.0	18931	82	20		163.7	166.7	97%	1.4
			Moderately fractured, preferentially @ 40 deg tca	166.7	169.8	3.1	18933	86	14		166.7	169.8	100%	1.6
			3% quartz veins	169.8	172.8	3.0	18934	93	34		169.8	172.8	100%	0.3
			1% epidote in qv and blebs (mainly on fracs)	172.8	175.9	3.1	18935	493	292		172.8	175.9	100%	2.6
			2% pyrite	175.9	178.9	3.0	18936	195	264		175.9	178.9	100%	1.0

DIAMOND DRILL HOLE LOG: SN-06-05			Elevation:	95	Easting (Nad 83):	370250
PROJECT: Snip North			Azimuth:	0.0	Northing (Nad 83):	6286550
Date Started:	Total Length: 206.3		Incl. at Collar:	-49.5	Core Size at Collar:	NQ
Completed:	Logged by: Dave DuPre		Inclination at Depth:			

DEPTH			LITHOLOGY	ASSAYS							CORE RECOVERY			
From	To	Lithology	Comments	From	To	Interval	Sample No.	Cu - ppm	Au - g/t	Cu % equiv	From	To	Recovery	RQD
161.4	181.1	SG	**Siliceous Greywacke (continued from previoius page)**											
			1% magnetite	178.9	182.0	3.1	18937	371	71		178.9	182.0	100%	2.6
			Trace cpy											
181.1	191.5	GW	**Greywacke**											
			Dark green-grey, fine grained, mainly massive - faint thin bedding @ 30 deg tca	182.0	185.0	3.0	18938d	283	168		182.0	185.0	100%	8.3
			Variably siliceous but rare strong bleaching & sil	185.0	188.1	3.1	18940	277	71		185.0	188.1	94%	7.9
	-		Moderately fractured @ 40 deg tca (pref)	188.1	191.1	3.0	18941	308	95		188.1	191.1	97%	8.6
			5% thin qv at all orientations (network)- white and blue-grey varieties											
			Trace epidote and magnetite											
			1% pyrite and tr cpy (mainly in qv)											
191.5	198.0	SG	**Siliceous Greywacke**											
			Gradational contacts with hw and fw (just based on degree of silicification)	191.1	191.9	0.8	18942	324	88		191.1	194.2	100%	6.1
			5% quartz veins (commonly irregular in shape)	191.9	194.2	2.3	18943	180	210		194.2	197.2	100%	7.7
			1% pyrite, trace mt, tr cpy	194.2	197.2	3.0	18944	134	36					
198.0	206.3	GW	**Greywacke**											
			Variably siliceous											
			4% qv - mostly thin and all orientations	197.2	200.3	3.1	18946	191	28		197.2	200.3	94%	7.2
			Trace epidote - mainly on fracs and in qv	200.3	203.3	3.0	18947	297	89		200.3	203.3	97%	6.6
			<1% mt, 1% py, and tr cpy (widely dispersed small flecks)	203.3	206.3	3.0	18948	265	63		203.3	206.3	100%	4.8

APPENDIX B **Snip North 2006 Assay Certificates**

DDH #	From	To	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
					PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SN-06-01	5.8	8.2	2.4	18501	101	0.5	2.30	<5	61	<0.5	<5	1.11	<1	15	27	610	4.10	<1	1.97	10	1.86	617	101	0.06	16	1708	<2	0.26	<5	11	34	7	0.27	<10	18	224	<10	84	4
SN-06-01	8.2	9.4	1.2	18502	107	0.3	1.84	<5	40	<0.5	<5	2.67	<1	12	26	673	3.71	<1	1.39	14	1.35	764	86	0.05	13	1680	7	0.48	<5	10	67	8	0.18	<10	21	180	<10	58	4
SN-06-01	9.4	13.4	4.0	18503	69	<0.2	1.84	<5	25	<0.5	<5	1.84	<1	8	25	180	3.00	<1	1.22	11	1.49	599	13	0.05	12	1654	<2	0.36	<5	8	37	8	0.16	<10	18	164	<10	53	3
SN-06-01	13.4	16.8	3.4	18504	290	0.4	2.01	<5	37	<0.5	<5	1.26	<1	12	39	828	3.96	<1	1.63	<10	1.76	477	3	0.09	21	1533	<2	1.34	6	10	58	9	0.25	<10	25	187	<10	47	5
SN-06-01	16.8	18.5	1.7	18505	196	<0.2	1.54	<5	27	<0.5	<5	0.53	<1	9	47	588	2.38	<1	1.14	<10	1.33	316	8	0.08	10	1497	<2	0.26	7	8	22	6	0.20	<10	17	151	<10	40	3
SN-06-01	18.5	20.8	2.3	18506	122	<0.2	0.99	<5	26	<0.5	<5	0.58	<1	8	50	161	2.41	1	0.78	<10	0.90	175	17	0.08	10	1355	<2	1.39	<5	5	20	7	0.12	<10	20	110	14	27	3
SN-06-01	20.8	23.0	2.2	18507	90	<0.2	1.86	8	41	<0.5	<5	2.24	<1	10	41	420	3.57	<1	1.31	<10	1.18	491	7	0.09	13	1483	<2	1.19	6	6	63	8	0.22	<10	28	147	<10	78	4
SN-06-01	23.0	24.4	1.4	18508	52	<0.2	1.94	7	39	<0.5	<5	2.21	<1	9	35	406	3.33	<1	1.47	<10	1.60	519	5	0.11	10	1566	<2	1.32	8	10	49	8	0.25	<10	28	191	<10	45	4
SN-06-01	24.4	27.4	3.0	18509	110	<0.2	1.49	19	41	<0.5	<5	1.93	1	11	33	492	3.52	<1	1.18	<10	1.22	524	5	0.08	13	1258	<2	1.71	<5	8	52	6	0.20	<10	26	148	<10	43	4
SN-06-01	27.4	29.0	1.6	18510	78	0.2	1.61	14	43	<0.5	<5	1.41	1	10	39	623	4.22	<1	1.34	<10	1.41	468	9	0.08	15	1408	<2	2.44	6	8	43	<5	0.21	<10	13	173	<10	51	5
SN-06-01	29.0	30.5	1.5	18511	36	<0.2	1.73	12	93	<0.5	<5	2.53	<1	11	37	256	3.58	<1	1.42	<10	1.59	635	15	0.08	11	1419	<2	1.23	6	6	90	6	0.22	<10	21	143	<10	43	5
SN-06-01	30.5	31.4	0.9	18512	57	<0.2	1.70	<5	97	<0.5	<5	2.93	<1	12	42	437	4.05	<1	1.43	<10	1.53	639	10	0.09	12	1468	<2	1.70	<5	7	103	5	0.22	<10	25	171	<10	45	5
SN-06-01	31.4	33.5	2.1	18513	23	<0.2	1.77	<5	96	<0.5	<5	1.57	<1	14	39	182	4.14	<1	1.26	<10	1.59	501	10	0.07	13	1570	<2	1.45	6	5	97	<5	0.22	<10	18	161	35	52	6
SN-06-01	33.5	36.6	3.1	18514	20	<0.2	1.67	<5	99	<0.5	<5	1.80	<1	14	44	189	3.88	<1	1.34	11	1.49	503	17	0.08	11	1512	<2	1.67	5	6	75	<5	0.21	<10	20	149	<10	40	6
SN-06-01	36.6	37.5	0.9	18515	41	<0.2	2.61	<5	256	<0.5	<5	2.06	<1	24	38	586	5.27	<1	2.21	<10	2.26	739	22	0.05	20	1880	<2	1.32	9	5	162	<5	0.33	<10	18	156	<10	46	6
SN-06-01	37.5	39.6	2.1	18517	50	0.6	1.94	16	81	<0.5	<5	1.41	1	31	50	706	5.17	<1	1.40	<10	1.57	588	22	0.06	25	1673	<2	2.70	6	7	35	<5	0.22	<10	17	154	11	80	5
SN-06-01	39.6	41.1	1.5	18518	19	<0.2	1.40	<5	77	<0.5	<5	1.93	<1	15	60	241	3.03	<1	1.06	<10	1.17	463	42	0.06	24	1068	<2	1.27	<5	6	36	<5	0.17	<10	18	120	<10	41	3
SN-06-01	41.1	42.7	1.6	18519	39	<0.2	1.67	<5	100	<0.5	<5	1.37	<1	15	56	275	3.65	<1	1.27	<10	1.39	473	12	0.07	25	1281	<2	1.44	6	6	69	<5	0.22	<10	10	147	<10	43	5
SN-06-01	42.7	44.3	1.6	18520	25	<0.2	2.22	<5	154	<0.5	<5	1.46	<1	22	40	382	4.59	<1	1.95	<10	1.66	634	13	0.06	14	1784	<2	1.21	10	10	45	<5	0.33	<10	15	209	<10	56	4
SN-06-01	44.3	45.7	1.4	18521	62	<0.2	2.07	<5	112	<0.5	<5	0.86	<1	20	39	236	4.25	<1	1.78	<10	1.70	554	11	0.06	16	1741	<2	1.42	7	8	54	<5	0.27	<10	<10	186	22	46	5
SN-06-01	45.7	47.2	1.5	18522	35	<0.2	1.60	8	108	<0.5	<5	2.05	<1	31	39	567	5.54	<1	1.43	<10	1.13	545	24	0.06	15	1723	<2	3.44	5	8	60	<5	0.27	<10	25	183	15	39	5
SN-06-01	47.2	48.8	1.6	18523	26	<0.2	2.24	<5	153	<0.5	<5	1.08	<1	20	38	292	4.64	<1	1.91	<10	1.77	594	40	0.07	14	1790	<2	1.48	6	10	45	<5	0.32	<10	13	209	<10	58	5
SN-06-01	48.8	50.3	1.5	18525	30	0.6	2.20	<5	112	<0.5	<5	1.24	<1	18	36	287	4.15	<1	1.90	<10	1.92	613	47	0.06	11	1704	<2	1.22	7	9	41	10	0.29	<10	29	194	<10	63	5
SN-06-01	50.3	51.8	1.5	18526	74	1.5	1.80	7	103	<0.5	<5	1.92	2	22	46	703	5.25	<1	1.48	<10	1.33	583	21	0.06	18	1723	3	2.82	8	7	61	10	0.27	<10	39	177	<10	158	5
SN-06-01	51.8	53.3	1.5	18527	57	0.6	1.94	<5	108	<0.5	<5	1.39	<1	22	44	534	5.26	<1	1.65	<10	1.53	523	21	0.06	15	1787	<2	2.59	11	10	60	10	0.30	<10	34	201	<10	55	6
SN-06-01	53.3	54.9	1.6	18528	43	0.7	2.00	<5	132	<0.5	<5	3.42	<1	26	49	834	5.45	<1	1.66	<10	1.50	762	39	0.06	19	1765	<2	2.68	6	9	82	12	0.31	<10	54	211	<10	40	5
SN-06-01	54.9	56.4	1.5	18529	29	0.3	2.52	<5	169	<0.5	<5	0.59	<1	24	54	384	4.54	<1	2.12	<10	2.40	524	24	0.07	16	1759	18	1.61	12	13	60	12	0.31	10	27	221	<10	56	5
SN-06-01	56.4	57.9	1.5	18530	10	0.2	2.54	<5	157	<0.5	<5	0.62	<1	20	72	111	3.86	<1	2.16	<10	2.50	488	11	0.09	13	1724	<2	1.01	9	15	62	11	0.32	<10	28	220	<10	51	5
SN-06-01	57.9	59.5	1.6	18532	20	<0.2	2.10	<5	168	<0.5	<5	0.47	<1	20	44	219	3.56	<1	1.77	<10	1.83	405	35	0.07	13	1625	<2	0.89	8	10	51	5	0.27	<10	<10	182	<10	57	4
SN-06-01	59.5	61.5	2.0	18533	35	<0.2	1.42	<5	116	<0.5	<5	0.26	<1	27	52	352	4.52	<1	1.06	11	0.84	270	15	0.06	16	899	<2	2.33	6	4	41	6	0.16	<10	16	122	<10	43	4
SN-06-01	61.5	64.0	2.5	18534	15	<0.2	1.91	<5	149	<0.5	<5	1.01	<1	16	41	145	3.33	<1	1.60	<10	1.74	504	55	0.06	12	1427	<2	0.94	6	10	44	7	0.26	<10	15	167	<10	45	4
SN-06-01	64.0	67.1	3.1	18535	29	<0.2	1.15	<5	92	<0.5	<5	1.66	<1	13	43	256	3.16	<1	0.87	<10	0.78	459	27	0.06	12	937	<2	1.38	6	4	45	9	0.16	<10	20	105	<10	34	3
SN-06-01	67.1	70.1	3.0	18537	49	0.9	0.95	<5	60	<0.5	<5	1.32	<1	18	28	404	2.94	<1	0.73	<10	0.73	373	28	0.06	7	718	<2	1.80	5	2	30	7	0.11	<10	20	72	<10	32	3
SN-06-01	70.1	73.2	3.1	18538	32	1.1	1.13	<5	78	<0.5	<5	2.34	<1	23	41	291	3.20	<1	0.85	<10	0.77	533	40	0.06	11	746	<2	1.73	<5	3	51	9	0.14	<10	23	89	<10	44	3
SN-06-01	73.2	75.8	2.6	18539	47	<0.2	0.97	<5	78	<0.5	<5	1.79	<1	12	39	310	3.02	<1	0.74	<10	0.64	387	21	0.06	13	913	<2	1.64	6	3	47	7	0.13	<10	24	88	<10	34	3
SN-06-01	75.8	76.2	0.4	18540	73	0.5	1.04	<5	69	<0.5	<5	2.20	<1	17	44	542	4.42	<1	0.76	<10	0.62	460	24	0.06	15	1036	2	2.38	<5	3	42	9	0.14	<10	34	82	<10	34	5
SN-06-01	76.2	79.2	3.0	18541	47	0.5	1.61	<5	93	<0.5	<5	1.64	<1	19	47	399	4.72	<1	1.31	<10	1.24	475	35	0.06	19	1214	<2	1.77	9	6	37	9	0.22	<10	35	138	<10	43	4
SN-06-01	79.2	81.5	2.3	18542	56	0.3	1.69	<5	99	<0.5	<5	2.23	<1	18	40	484	4.34	<1	1.35	<10	1.19	586	34	0.07	16	1233	<2	1.34	7	5	44	10	0.22	<10	37	121	<10	51	4
SN-06-01	81.5	82.9	1.4	18543	68	<0.2	2.92	8	109	<0.5	<5	3.26	<1	19	35	313	7.52	<1	2.08	<10	1.71	908	17	0.1	40	1297	<2	2.39	7	2	67	12	0.25	<10	53	285	<10	78	6
SN-06-01	82.9	83.9	1.0	18544	32	<0.2	1.08	<5	40	<0.5	<5	14.75	1	7	43	186	2.80	<1	0.55	10	1.03	2114	14	0.01	10	472	2	0.98	<5	1	405	13	0.03	<10	43	37	<10	55	2
SN-06-01	83.9	85.3	1.4	18545	129	1.1	1.96	<5	106	<0.5	<5	4.27	<1	21	41	901	6.14	<1	1.45	<10	1.47	1033	12	0.04	16	1096	2	2.50	6	5	85	9	0.19	<10	43	112	<10	54	5
SN-06-01	85.3	88.4	3.1	18546	65	0.6	3.50	<5	123	0.7	<5	4.64	<1	23	82	596	6.68	<1	2.00	<10	1.88	1278	16	0.13	34	1165	<2	2.24	7	5	110	12	0.24	<10	46	165	10	79	6
SN-06-01	88.4	91.4	3.0	18547d	49	0.9	2.81	5	80	0.9	<5	3.85	<1	20	83.5	466.5	4.10	<1	1.45	<10	1.49	1291.5	23.5	0.04	64.5	1139	<2	1.58	6.5	1	68	10.5	0.16	<10	19	91.5	<10	130	3.5
SN-06-01	91.4	91.8	0.4	18549	40	0.5	4.15	<5	69	1.3	<5	5.23	<1	16	131	348	3.42	2	1.59	<10	1.64	1364	28	0.08	70	1187	<2	1.16	6	3	110	6	0.19	<10	18	140	<10	140	3
SN-06-01	91.8	93.3	1.5	18550	18	0.2	1.97	11	67	<0.5	<5	>15.00	8	12	89	171	3.41	<1	1.03	<10	1.82	2933	42	0.02	78	536	37	1.07	<5	2	437	8	0.08	<10	18	49	<10	749	3
SN-06-01	93.3	94.5	1.2	18551	94	0.2	4.05	11	138	1	<5	11.16	1	17	169	206	3.17	1	1.58	<10	1.72	2065	20	0.11	89	1162	4	1.18	9	3	248	6	0.16	<10	28	99	<10	156	3
SN-06-01	94.5	96.0	1.5	18553	45	1.6	3.36	22	96	0.9	<5	10.24	1	29	153	330	3.77	1	1.33	<10	1.42	1781	20	0.07	115	1085	15	2.06	6	3	222	7	0.14	<10	34	71	<10	165	3
SN-06-01	96.0	97.5	1.5	18554	31	1.5	3.25	13	59	1.1	<5	5.71	<1	23	164	46	3.24	1	1.14	<10	1.18	1143	33	0.06	91	1306	18	1.89	5	3	110	9	0.13	<10	40	75	<10	113	3
SN-06-01	97.5	99.0	1.5	18555	49	0.8	2.83	21	109	0.8	<5	2.12	1	30	148	287	3.88	<1	1.59	<10	1.58	776	25	0.04	155	1639	<2	1.60	9	2	46	9	0.17	<10	29	64	<10	180	3
SN-06-01	99.0	99.7	0.7	18556	43	0.3	1.73	48	65	<0.5	<5	3.88	1	28	109	245	3.45	<1	0.80	10	1.12	762	22	0.02	138	1613	6	1.78	10	3	47	5	0.09	<10	25	45	<10	138	3
SN-06-01	99.7	100.9	1.2	18557	71	0.8	2.83	19	85	0.9	<5	10.89	7	21	166	352	3.15	<1	1.19	<10	1.18	2199	19	0.05	100	1127	25	1.65	8	2	264	6	0.12	<10	19	68	<10	847	3
SN-06-01	100.9	103.3	2.4	18558	209	6.3	3.15	19	131	0.8	<5	6.97	7	21	165	344	3.35	<1	1.55	<10	1.67	2000	29	0.05	100	1089	103	1.14	10	3	164	<5	0.15	<10	<10	81	<10	1012	3
SN-06-01	103.3	104.8	1.5	18559	64	2.1	4.49	32	245	0.9	<5	2.80	4	33	276	289	5.51	<1	1.97	<10	2.76	1395	22	0.05	190	1508	83	1.79	14	5	84	<5	0.24	<10	<10	134	<10	615	4
SN-06-01	104.8	106.4	1.6	18560	29	0.5	5.76	12	535	1.1	<5	3.04	1	35	335	264	5.30	1	3.13	<10	3.41	1612	10	0.08	227	1577	16	0.88	19	7	108	<5	0.31	<10	<10	150	<10	319	4
SN-06-01	106.4	108.8	2.4	18561	11	<0.2	6.32	6	496	1	<5	3.63	<1	27	404	186	5.06	1	3.42	<10	4.39	1041	9	0.31	245	1450	<2	0.52	16	8	210	<5	0.31	<10	25	166	<10	66	4
SN-06-01	108.8	110.7	1.9	18562	22	0.2	4.21	7	394	<0.5	<5	3.57	<1	36	499	272	3.67	<1	1.89	<10	3.40	827	17	0.14	391	1018	<2	0.83	17	2	354	<5	0.20	<10	36	76	<10	69	3
SN-06-01	110.7	111.8	1.1	18564	236	1.2	3.71	13	267	0.9	<5	8.70	3	33	484	1063	4.19	1	1.36	<10	2.11	2227	24	0.06	357	926	22	1.96	12	3	516	<5	0.14	<10	11	105	<10	362	4

D. G. DuPre

DDH #	From	To	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
					PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SN-06-01	111.8	113.3	1.5	18565	14	<0.2	3.51	15	206	<0.5	<5	3.97	<1	42	455	436	4.78	<1	1.47	<10	3.03	953	20	0.04	400	1018	<2	1.84	14	2	290	<5	0.13	<10	24	81	<10	49	4
SN-06-01	113.3	114.6	1.3	18566	18	0.4	4.09	16	418	0.5	<5	2.69	<1	37	413	416	5.09	<1	2.61	<10	4.03	948	30	0.1	303	1114	<2	1.62	16	5	264	<5	0.22	<10	15	132	<10	73	4
SN-06-01	114.6	115.8	1.2	18567	33	1.7	4.45	6	265	0.5	<5	4.57	6	50	629	1755	6.15	<1	3.15	<10	4.34	1938	18	0.15	384	943	<2	2.90	16	6	325	<5	0.23	<10	<10	154	154	572	5
SN-06-01	115.8	117.8	2.0	18568	186	0.3	2.82	<5	227	0.5	<5	2.18	<1	25	197	285	5.63	<1	1.84	<10	2.25	942	14	0.09	113	1488	<2	2.41	9	8	97	<5	0.19	<10	16	135	<10	121	4
SN-06-01	117.8	118.9	1.1	18569	177	<0.2	2.66	<5	170	<0.5	<5	1.32	<1	15	42	322	6.86	<1	2.23	<10	1.82	638	3	0.07	19	1675	<2	1.89	7	10	35	<5	0.28	<10	16	176	11	57	5
SN-06-01	118.9	120.4	1.5	18571	261	<0.2	2.15	10	142	<0.5	<5	0.87	<1	22	54	348	6.71	<1	1.85	10	1.51	390	4	0.08	21	1574	<2	2.25	8	10	26	<5	0.26	<10	22	169	15	38	5
SN-06-01	120.4	121.9	1.5	18572	203	<0.2	2.15	<5	347	<0.5	<5	1.34	<1	21	57	285	6.69	<1	1.82	<10	1.51	473	10	0.08	21	1779	<2	1.58	9	10	34	<5	0.27	<10	26	161	14	44	5
SN-06-01	121.9	125.0	3.1	18573	189	<0.2	1.89	<5	59	<0.5	<5	1.61	<1	20	62	177	8.51	<1	1.62	<10	1.42	511	16	0.06	27	1753	<2	>5.00	5	10	41	7	0.23	<10	48	175	15	48	6
SN-06-01	125.0	128.0	3.0	18574	212	<0.2	1.89	<5	99	<0.5	<5	1.82	<1	18	58	204	7.32	<1	1.61	<10	1.46	534	13	0.06	34	1737	<2	4.23	7	11	41	6	0.23	<10	46	173	21	39	5
SN-06-01	128.0	131.1	3.1	18576	168	<0.2	2.09	<5	111	<0.5	<5	2.39	<1	19	87	195	7.49	<1	1.83	<10	1.51	635	5	0.08	32	1882	<2	4.12	7	12	48	5	0.28	<10	38	195	15	42	6
SN-06-01	131.4	134.1	2.7	18577d	278	0.85	2.65	<5	76	<0.5	<5	2.58	<1	41.5	58.5	1288.5	8.42	<1	2.39	<10	2.50	742	46	0.085	23	1696.5	<2	4.47	5	15	52	<5	0.32	<10	31	254.5	19	59	6.5
SN-06-01	134.1	135.0	0.9	18579	421	1.1	2.92	<5	297	<0.5	<5	4.69	<1	37	72	2014	9.43	<1	2.58	<10	2.71	1019	15	0.1	27	1766	<2	2.95	7	17	82	<5	0.38	<10	50	386	24	72	7
SN-06-01	135.0	137.2	2.2	18693	214	0.5	3.32	8	228	<0.5	<5	2.71	<1	35	62	803	7.93	<1	2.81	<10	2.58	829	61	0.09	29	1848	<2	2.00	9	17	61	9	0.38	<10	52	307	<10	65	6
SN-06-01	137.2	139.0	1.8	18694	185	0.3	3.29	<5	319	<0.5	<5	4.47	<1	41	69	658	9.01	<1	2.93	<10	2.56	1106	14	0.05	48	1987	<2	2.48	8	24	76	9	0.43	<10	59	402	10	63	7
SN-06-01	139.0	140.7	1.7	18695	384	0.9	2.87	28	96	<0.5	<5	4.84	<1	39	66	1000	8.27	<1	2.22	<10	1.89	1135	20	0.1	37	1691	<2	4.97	7	14	126	6	0.31	<10	51	285	13	68	7
SN-06-01	140.7	143.3	2.6	18580	241	1.5	2.86	6	144	<0.5	<5	2.74	<1	37	59	1160	8.29	<1	2.47	<10	1.93	824	28	0.08	32	1731	<2	3.79	7	14	64	<5	0.35	<10	33	257	12	71	6
SN-06-01	143.3	146.3	3.0	18581	815	3.6	2.57	46	53	<0.5	<5	3.73	1	45	62	2094	9.85	<1	2.23	<10	1.86	1162	26	0.07	35	1533	2	>5.00	8	16	79	<5	0.31	<10	36	278	23	69	8
SN-06-01	146.3	149.3	3.0	18582	76	<0.2	2.31	5	362	<0.5	<5	6.04	<1	30	62	350	8.29	<1	2.05	<10	2.13	1221	21	0.05	26	1683	<2	0.83	7	20	126	<5	0.31	<10	32	352	11	60	6
SN-06-01	149.3	152.4	3.1	18583	101	<0.2	2.34	5	385	<0.5	<5	3.86	<1	49	57	432	7.97	<1	2.02	<10	2.29	993	13	0.07	26	1832	<2	1.44	8	13	122	<5	0.29	<10	32	272	<10	62	6
SN-06-01	152.4	155.4	3.0	18584	87	<0.2	2.57	40	319	<0.5	<5	5.61	1	37	64	384	8.75	<1	2.08	<10	2.08	1244	12	0.05	28	1775	<2	1.70	9	21	137	<5	0.31	<10	42	347	<10	67	6
SN-06-01	155.4	158.5	3.1	18585	128	<0.2	2.69	<5	331	<0.5	<5	5.79	<1	46	69	516	9.63	<1	2.24	<10	2.15	1277	12	0.07	30	1865	<2	2.09	11	19	118	7	0.34	<10	56	380	<10	71	8
SN-06-01	158.5	161.5	3.0	18586	121	<0.2	2.05	<5	99	<0.5	<5	4.62	<1	61	72	640	8.11	<1	1.83	<10	1.53	944	29	0.06	40	1505	<2	4.15	5	14	81	<5	0.26	<10	34	194	11	39	6
SN-06-01	161.5	164.6	3.1	18587	120	<0.2	2.03	5	92	<0.5	<5	5.31	<1	37	64	591	7.21	<1	1.79	<10	1.43	1038	50	0.06	32	1851	<2	2.52	6	22	509	9	0.29	<10	55	274	<10	38	5
SN-06-01	164.6	167.4	2.8	18588	244	<0.2	2.48	<5	241	<0.5	<5	4.65	<1	32	84	831	7.97	<1	2.23	<10	2.05	1129	38	0.06	40	1734	<2	1.31	10	21	120	<5	0.34	<10	36	329	12	59	6
SN-06-01	167.4	168.9	1.5	18589	583	1.6	2.24	15	77	<0.5	<5	2.65	<1	36	80	2456	7.12	<1	2.01	<10	1.64	903	105	0.07	59	1642	<2	3.51	6	14	58	<5	0.29	<10	27	219	10	70	5
SN-06-01	168.9	170.7	1.8	18590	421	0.2	1.61	87	39	<0.5	<5	0.98	2	30	53	715	7.80	<1	1.42	<10	1.20	431	27	0.03	56	1692	3	>5.00	<5	3	34	<5	0.15	<10	23	72	16	59	6
SN-06-01	170.7	173.7	3.0	18591	136	<0.2	2.17	<5	128	<0.5	<5	2.54	<1	39	86	453	7.32	<1	1.96	<10	1.64	715	37	0.07	49	2012	<2	2.72	5	12	49	5	0.27	<10	39	212	<10	58	5
SN-06-01	173.7	175.5	1.8	18592	144	<0.2	2.27	26	139	<0.5	<5	2.28	<1	26	113	444	5.77	<1	1.44	<10	1.14	708	30	0.14	58	1607	<2	2.27	<5	4	72	<5	0.18	<10	16	133	<10	49	4
SN-06-01	175.5	178.6	3.1	18593d	227	<0.2	3.26	23	66	0.6	<5	4.26	<1	33	63	589.5	8.02	<1	2.10	<10	1.59	1118.5	14.5	0.2	39.5	1612.5	<2	3.41	9	7	206	<5	0.30	<10	36.5	225.5	<10	66	6
SN-06-01	178.6	181.7	3.1	18595	129	<0.2	3.72	8	147	<0.5	<5	2.78	<1	34	56	455	8.07	<1	3.15	<10	2.66	1055	11	0.11	28	1863	<2	2.04	9	10	65	<5	0.41	<10	29	285	12	102	6
SN-06-01	181.7	182.9	1.2	18597	271	0.5	2.31	12	84	<0.5	<5	1.79	<1	47	87	1119	7.20	<1	2.15	<10	1.89	588	62	0.06	45	1903	<2	3.60	<5	9	44	<5	0.28	<10	28	188	11	56	6
SN-06-01	182.9	185.9	3.0	18598	84	<0.2	2.69	<5	606	<0.5	<5	2.11	<1	33	49	641	7.34	<1	2.51	<10	2.52	727	23	0.07	28	2111	<2	0.75	6	9	78	<5	0.32	<10	30	241	<10	64	6
SN-06-01	185.9	188.7	2.8	18599	82	<0.2	2.53	<5	566	<0.5	<5	1.69	1	37	53	327	7.86	<1	2.11	<10	2.69	685	24	0.09	21	1818	<2	0.62	6	8	141	<5	0.32	<10	27	287	11	64	7
SN-06-01	188.7	192.0	3.3	18600	45	<0.2	2.60	<5	592	<0.5	<5	1.58	<1	32	44	251	6.68	<1	2.30	<10	2.48	694	17	0.06	27	1867	<2	0.40	5	8	78	<5	0.32	<10	14	248	10	64	5
SN-06-01	192.0	195.1	3.1	18601	86	<0.2	2.57	7	168	<0.5	<5	2.33	<1	34	51	290	7.06	<1	2.33	<10	2.32	775	16	0.07	25	1842	<2	1.48	7	9	101	<5	0.31	<10	21	235	11	58	6
SN-06-01	195.1	198.1	3.0	18602	203	<0.2	2.36	9	161	<0.5	<5	2.83	<1	38	45	915	8.05	<1	1.96	<10	2.29	840	29	0.08	25	1884	<2	2.06	7	10	131	<5	0.31	<10	32	294	19	61	7
SN-06-01	198.1	201.2	3.1	18604	44	<0.2	2.67	100	475	<0.5	<5	2.55	3	30	54	280	7.27	<1	2.28	<10	2.28	830	15	0.07	27	1843	<2	1.07	8	15	75	<5	0.30	<10	31	280	11	59	6
SN-06-02	5.2	7.9	2.7	18605	256	<0.2	1.70	6	91	<0.5	<5	1.85	<1	33	69	1010	5.60	<1	1.44	<10	1.19	628	55	0.07	30	1614	<2	3.09	<5	4	90	<5	0.18	<10	24	114	17	35	4
SN-06-02	7.9	9.5	1.6	18606	208	<0.2	1.57	<5	169	<0.5	<5	0.98	<1	47	65	950	4.83	<1	1.44	<10	1.26	466	55	0.04	26	1800	<2	2.44	<5	5	49	<5	0.19	<10	12	112	18	35	4
SN-06-02	9.5	11.0	1.5	18607	221	0.3	2.11	<5	272	<0.5	<5	1.18	<1	44	40	1035	6.52	<1	1.97	<10	1.64	534	76	0.05	30	2046	<2	1.83	5	9	32	<5	0.26	<10	21	161	13	44	5
SN-06-02	11.0	12.5	1.5	18608	187	<0.2	2.16	<5	413	<0.5	<5	2.17	<1	37	48	882	6.19	<1	2.02	<10	1.63	639	45	0.05	25	1906	<2	1.07	5	12	64	<5	0.27	<10	22	194	11	38	5
SN-06-02	12.5	14.0	1.5	18609	221	<0.2	1.98	<5	431	<0.5	<5	1.12	<1	33	48	774	6.53	<1	1.75	<10	1.42	512	36	0.06	24	1832	<2	0.70	<5	12	41	<5	0.28	<10	28	205	13	35	5
SN-06-02	14.0	15.5	1.5	18611	178	<0.2	2.27	<5	493	<0.5	<5	1.43	<1	31	60	782	6.83	<1	2.02	<10	1.72	644	53	0.07	24	1694	<2	0.52	7	13	48	<5	0.29	<10	13	206	14	44	5
SN-06-02	15.5	17.1	1.6	18612	119	<0.2	2.29	<5	650	<0.5	<5	1.02	<1	40	58	875	7.35	<1	2.06	<10	1.73	517	45	0.06	34	1871	<2	1.11	6	13	47	<5	0.31	<10	22	236	15	41	6
SN-06-02	17.1	18.8	1.7	18613	160	<0.2	2.34	<5	434	<0.5	<5	0.53	<1	32	42	504	6.39	<1	2.12	<10	1.94	417	32	0.07	21	1887	<2	1.12	5	14	46	<5	0.31	<10	10	242	15	42	5
SN-06-02	18.8	20.7	1.9	18614	164	<0.2	2.14	<5	252	<0.5	<5	0.95	<1	31	54	600	6.71	<1	1.96	<10	1.68	485	45	0.06	21	1725	<2	1.63	5	13	43	<5	0.28	<10	14	227	19	38	5
SN-06-02	20.7	21.8	1.1	18615	188	<0.2	2.97	<5	607	<0.5	<5	1.51	<1	38	68	710	8.23	<1	2.68	<10	3.39	732	20	0.08	23	1819	<2	0.85	7	8	150	<5	0.33	<10	27	292	15	57	7
SN-06-02	21.8	23.2	1.4	18616	173	<0.2	2.29	<5	430	<0.5	<5	0.77	<1	31	53	752	6.62	<1	1.90	<10	2.72	423	31	0.08	21	1860	<2	0.81	5	5	78	<5	0.24	<10	17	240	14	48	5
SN-06-02	23.2	26.3	3.1	18617	97	<0.2	2.16	<5	374	<0.5	<5	1.02	<1	27	45	440	5.61	<1	1.75	<10	2.47	474	10	0.1	18	1877	<2	0.52	<5	6	130	<5	0.23	<10	15	189	11	43	5
SN-06-02	26.3	29.3	3.0	18618	78	<0.2	2.43	<5	475	<0.5	<5	1.21	<1	32	56	337	7.03	<1	2.05	<10	2.66	558	11	0.09	23	1828	<2	1.06	7	7	111	<5	0.27	<10	17	237	49	47	6
SN-06-02	29.3	32.4	3.1	18619	77	<0.2	2.50	<5	118	<0.5	<5	3.53	<1	30	64	346	9.84	<1	2.30	<10	2.37	819	12	0.06	38	1760	<2	2.42	5	18	181	<5	0.32	<10	39	357	16	46	8
SN-06-02	32.4	35.4	3.0	18620	24	<0.2	2.65	<5	800	<0.5	<5	2.43	<1	29	64	141	7.71	<1	2.46	<10	2.20	700	3	0.07	45	1943	<2	0.78	7	13	125	<5	0.34	<10	27	258	13	43	6
SN-06-02	35.4	35.4	0.0	18621	32	<0.2	2.64	<5	654	<0.5	<5	2.49	<1	28	61	138	8.24	<1	2.45	<10	2.23	709	2	0.05	37	1930	8	0.76	8	12	102	7	0.33	<10	51	272	13	44	6
SN-06-02	35.4	38.5	3.1	18622	104	<0.2	2.26	<5	182	<0.5	<5	3.53	<1	37	74	474	7.60	<1	2.10	<10	1.77	742	51	0.05	75	2002	<2	1.38	8	17	139	9	0.31	<10	58	287	45	35	6
SN-06-02	38.5	41.5	3.0	18623	112	<0.2	2.48	<5	308	<0.5	<5	1.52	<1	39	68	743	5.75	<1	2.28	<10	1.94	563	52	0.06	56	2046	<2	1.23	7	12	61	8	0.32	<10	38	200	11	40	4
SN-06-02	41.5	44.5	3.0	18625	105	0.2	2.18	<5	174	<0.5	<5	2.44	<1	34	68	589	5.18	<1	1.93	<10	1.66	609	51	0.07	44	1928	<2	1.99	6	12	96	9	0.29	<10	43	192	10	36	4
SN-06-02	44.5	47.6	3.1	18626	145	<0.2	1.92	<5	44	<0.5	<5	2.90	<1	33	87	706	6.69	<1	1.63	<10	1.34	694	96	0.08	41	1523	4	4.44	<5	7	164	8	0.22	12	52	141	20	36	5

D. G. DuPre

DDH #	From	To	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
					PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SN-06-02	47.6	50.6	3.0	18627	84	<0.2	2.85	<5	257	<0.5	<5	2.11	<1	32	81	539	5.38	1	2.12	<10	1.64	613	40	0.14	51	1762	<2	1.12	9	10	85	9	0.32	<10	45	192	<10	50	4
SN-06-02	50.6	53.7	3.1	18628	90	0.2	2.56	<5	386	<0.5	<5	3.45	<1	31	69	549	6.81	<1	2.39	<10	2.03	806	40	0.06	36	1829	<2	0.92	9	16	94	10	0.37	<10	53	280	<10	40	5
SN-06-02	53.7	56.7	3.0	18629	69	0.2	2.61	<5	302	<0.5	<5	2.43	<1	36	47	490	6.85	<1	2.35	<10	2.45	720	54	0.07	30	1989	<2	1.25	7	8	177	8	0.34	17	49	232	36	48	6
SN-06-02	56.7	59.8	3.1	18630	26	<0.2	2.73	<5	185	<0.5	<5	1.68	<1	31	51	180	7.32	<1	2.54	<10	2.46	619	7	0.06	29	2004	<2	1.58	7	7	114	9	0.34	<10	48	223	32	47	6
SN-06-02	59.8	62.8	3.0	18631	23	<0.2	2.85	<5	905	<0.5	<5	1.78	<1	32	45	188	7.73	<1	2.57	<10	2.90	757	20	0.08	23	2006	<2	0.61	7	6	126	9	0.35	<10	46	274	21	58	7
SN-06-02	62.8	65.9	3.1	18632	30	<0.2	2.54	<5	704	<0.5	<5	2.01	<1	29	56	205	7.87	<1	2.18	<10	2.59	800	12	0.07	30	1957	<2	0.75	10	8	105	9	0.31	<10	52	270	32	51	6
SN-06-02	65.9	68.9	3.0	18634	49	<0.2	2.71	<5	538	<0.5	<5	4.17	<1	34	50	288	7.58	<1	2.40	<10	2.32	1167	16	0.05	24	1867	<2	0.55	11	9	125	10	0.35	<10	52	272	<10	61	6
SN-06-02	68.9	72.0	3.1	18635	54	<0.2	2.87	<5	421	<0.5	<5	3.64	<1	38	46	375	6.72	<1	2.55	<10	2.26	1094	25	0.06	23	2044	<2	0.55	10	8	167	10	0.39	<10	49	267	<10	69	6
SN-06-02	72.0	75.0	3.0	18636	65	<0.2	2.13	<5	239	<0.5	<5	3.00	<1	26	102	394	5.79	<1	1.93	<10	1.50	808	25	0.07	19	2110	<2	0.65	8	10	49	10	0.29	<10	52	214	<10	44	4
SN-06-02	75.0	78.1	3.1	18637	169	0.5	2.16	<5	204	<0.5	<5	1.85	<1	36	43	1225	5.48	<1	1.99	<10	1.76	568	122	0.08	25	1845	<2	1.61	<5	9	87	8	0.27	<10	43	177	<10	41	5
SN-06-02	78.1	81.1	3.0	18638	165	0.7	2.65	<5	242	<0.5	<5	2.47	<1	35	65	1145	6.30	<1	2.48	<10	2.47	707	129	0.07	26	1856	<2	1.91	<5	15	100	10	0.33	13	56	246	<10	48	5
SN-06-02	81.1	84.2	3.1	18639	113	<0.2	3.16	<5	398	<0.5	<5	2.46	<1	44	47	739	7.17	<1	3.11	<10	2.87	816	28	0.06	25	1889	<2	1.29	7	12	97	9	0.39	<10	54	279	<10	60	6
SN-06-02	84.2	87.2	3.0	18640	102	<0.2	2.82	<5	482	<0.5	<5	2.35	<1	35	49	540	7.53	<1	2.71	<10	2.50	750	32	0.07	21	1978	<2	0.88	8	11	69	9	0.35	<10	60	276	<10	61	6
SN-06-02	87.2	90.2	3.0	18642	235	0.6	2.89	6	222	<0.5	<5	3.65	<1	33	65	1016	9.84	<1	2.79	<10	3.06	949	15	0.06	23	1922	<2	2.04	6	9	134	11	0.34	11	70	330	34	70	8
SN-06-02	90.2	93.3	3.1	18643	127	<0.2	2.93	<5	289	<0.5	<5	2.79	<1	37	44	701	8.11	<1	2.83	<10	2.42	802	39	0.05	22	2048	<2	1.10	7	14	74	11	0.36	<10	63	275	13	81	6
SN-06-02	93.3	96.3	3.0	18644	186	0.7	2.48	<5	254	<0.5	<5	1.15	<1	41	36	1091	6.34	<1	2.29	<10	1.95	485	84	0.05	24	2294	<2	1.58	<5	5	63	9	0.25	14	44	135	<10	62	5
SN-06-02	96.3	99.4	3.1	18645	136	<0.2	2.87	<5	486	<0.5	<5	1.22	<1	27	42	992	7.88	<1	2.61	<10	2.29	553	71	0.05	27	1951	<2	0.50	<5	7	71	<5	0.28	<10	28	198	14	54	6
SN-06-02	99.4	100.2	0.8	18646	541	2.1	3.10	<5	234	<0.5	<5	1.46	<1	52	58	3780	7.74	<1	2.79	<10	2.39	654	282	0.06	34	2063	<2	1.57	<5	6	103	<5	0.31	<10	33	177	16	65	6
SN-06-02	100.2	102.1	1.9	18647	361	1	2.86	<5	203	<0.5	<5	1.60	<1	48	63	2239	9.96	<1	2.55	<10	2.23	554	214	0.05	53	1880	<2	1.83	<5	7	162	<5	0.30	<10	47	224	16	60	8
SN-06-02	102.1	104.2	2.1	18648	190	0.2	3.98	<5	250	<0.5	<5	0.69	<1	47	77	1061	8.54	<1	3.74	<10	3.40	674	73	0.06	24	1978	<2	1.24	12	24	43	<5	0.48	<10	23	369	14	77	6
SN-06-02	104.2	105.8	1.6	18649	192	<0.2	3.51	<5	414	<0.5	<5	0.88	<1	44	76	1179	9.52	<1	3.30	<10	3.00	615	119	0.06	29	1856	<2	1.04	6	23	32	<5	0.46	<10	32	363	17	62	7
SN-06-02	105.8	107.3	1.5	18650	409	0.2	0.99	11	51	<0.5	<5	1.99	<1	19	79	1481	11.24	<1	0.78	<10	0.73	392	129	0.02	46	489	7	3.86	<5	1	86	<5	0.05	<10	63	247	22	32	9
SN-06-02	107.3	108.5	1.2	18651	334	1.5	3.07	<5	57	<0.5	<5	0.74	<1	94	50	2494	10.48	<1	2.85	<10	2.48	581	147	0.06	45	1904	<2	4.16	<5	10	36	<5	0.34	<10	42	242	24	70	8
SN-06-02	108.5	111.6	3.1	18652	120	<0.2	2.79	<5	142	<0.5	<5	2.28	<1	51	51	770	6.88	<1	2.43	<10	2.16	700	38	0.06	21	1961	<2	2.15	<5	9	33	<5	0.28	<10	35	191	<10	68	5
SN-06-02	111.6	114.6	3.0	18653	124	<0.2	2.26	<5	153	<0.5	<5	1.84	<1	36	50	743	5.48	<1	1.67	<10	1.85	573	25	0.07	24	1965	<2	1.76	7	8	44	<5	0.24	<10	29	147	<10	56	7
SN-06-02	114.6	117.7	3.1	18654	195	0.3	2.59	9	161	<0.5	<5	2.74	<1	46	67	1183	8.30	<1	2.21	<10	2.09	660	31	0.05	23	1807	<2	2.47	6	7	92	<5	0.28	<10	43	245	13	57	6
SN-06-02	117.7	120.7	3.0	18655	263	0.3	3.26	7	75	<0.5	<5	2.31	<1	65	75	1232	10.26	<1	3.09	<10	3.13	768	46	0.07	28	1975	<2	3.54	6	4	62	<5	0.34	<10	48	281	64	65	8
SN-06-02	120.7	123.7	3.0	18656	772	1.3	2.49	12	50	<0.5	<5	1.21	<1	79	39	2686	12.82	<1	2.13	<10	1.81	538	179	0.1	51	1652	4	>5.00	<5	2	52	<5	0.20	<10	55	152	33	54	10
SN-06-02	123.7	126.5	2.8	18657	368	0.4	3.40	<5	64	<0.5	<5	1.94	<1	62	48	1919	10.78	<1	2.74	<10	2.28	632	139	0.17	41	1637	<2	4.98	<5	6	42	<5	0.28	<10	51	206	37	72	8
SN-06-02	126.5	127.8	1.3	18658	221	0.4	2.07	6	133	<0.5	<5	5.25	<1	38	80	1209	4.67	<1	1.56	<10	1.37	704	104	0.08	26	1266	<2	2.36	<5	3	126	<5	0.16	<10	39	82	<10	68	4
SN-06-02	127.8	129.2	1.4	18659	315	0.4	2.26	5	176	<0.5	<5	4.46	<1	34	55	1421	4.86	<1	1.65	<10	1.51	702	147	0.1	19	1393	<2	2.18	<5	3	119	<5	0.17	<10	29	91	<10	79	4
SN-06-02	129.2	129.8	0.6	18660d	268	0.4	2.17	<5	154.5	<0.5	<5	4.86	<1	36	67.5	1315	4.77	<1	1.61	<10	1.44	703	125.5	0.09	22.5	1329.5	<2	2.27	<5	3	123	<5	0.17	<10	34	86.5	<10	74	4
SN-06-02	129.8	132.4	2.6	18662	260	0.4	2.33	<5	160	<0.5	<5	1.29	<1	49	43	1570	7.78	<1	2.05	<10	1.78	509	71	0.07	33	1760	<2	2.39	<5	7	49	<5	0.26	<10	23	179	10	65	6
SN-06-02	132.4	134.7	2.3	18663	221	0.2	1.90	6	94	<0.5	<5	3.98	<1	41	54	1230	5.11	<1	1.19	<10	1.00	693	128	0.14	32	1482	<2	3.35	<5	4	80	<5	0.18	<10	26	103	<10	62	4
SN-06-02	134.7	135.9	1.2	18665	309	0.4	2.03	<5	106	<0.5	<5	1.93	<1	50	47	1830	5.75	<1	1.55	<10	1.23	572	159	0.09	58	1469	<2	2.94	<5	4	31	<5	0.21	<10	15	108	<10	65	4
SN-06-02	135.9	139.0	3.1	18666	158	<0.2	2.00	<5	95	<0.5	<5	1.34	<1	33	52	1073	4.80	<1	1.55	<10	1.50	385	54	0.1	27	1711	<2	2.49	5	6	39	<5	0.21	<10	12	138	<10	40	4
SN-06-02	139.0	142.0	3.0	18667	196	<0.2	1.83	<5	88	<0.5	<5	1.46	<1	29	69	1191	4.16	<1	1.49	<10	1.58	361	63	0.09	33	1714	<2	2.08	6	8	55	<5	0.19	<10	14	150	<10	36	3
SN-06-02	142.0	145.1	3.1	18668	220	0.3	2.15	<5	112	<0.5	<5	2.32	<1	41	69	1017	4.85	<1	1.60	<10	1.52	498	153	0.05	37	1743	<2	1.73	<5	10	53	<5	0.17	<10	21	140	26	41	4
SN-06-02	145.1	146.3	1.2	18669	309	1.1	0.54	33	19	0.5	7	2.35	1	29	20	2459	4.68	<1	0.32	<10	0.44	669	96	0.01	28	1815	9	1.68	<5	4	56	8	<0.01	<10	38	34	<10	48	3
SN-06-02	146.3	147.7	1.4	18670	164	0.3	0.76	53	153	<0.5	<5	4.33	1	20	48	810	4.79	<1	0.46	10	0.68	918	164	0.01	59	1289	4	1.19	<5	5	97	7	0.03	<10	47	47	<10	39	3
SN-06-02	147.7	150.3	2.6	18671	176	<0.2	2.33	<5	138	<0.5	<5	3.07	<1	24	187	734	5.97	<1	1.79	<10	1.56	722	92	0.07	90	1507	<2	0.70	<5	5	47	9	0.22	<10	56	186	14	43	4
SN-06-02	150.3	153.3	3.0	18672	408	0.8	2.83	<5	126	<0.5	<5	4.14	<1	18	161	1032	4.97	<1	1.86	<10	1.69	882	135	0.14	55	1757	<2	0.70	<5	4	68	11	0.19	<10	55	150	<10	57	4
SN-06-02	153.3	157.0	3.7	18673	2025	3.7	2.50	37	56	0.6	5	2.51	1	19	93	1786	6.35	<1	1.31	<10	1.22	486	49	0.19	69	1494	<2	4.95	5	3	60	9	0.17	11	61	97	22	41	5
SN-06-02	157.0	160.3	3.3	18674	220	1.1	2.39	<5	153	<0.5	<5	2.25	<1	21	126	978	4.77	1	1.97	<10	1.79	571	80	0.09	80	1564	<2	0.99	6	8	61	11	0.27	<10	53	166	<10	70	4
SN-06-02	160.3	163.4	3.1	18675	405	1.8	1.83	6	169	<0.5	<5	1.84	<1	28	105	1829	4.93	<1	1.47	<10	1.70	459	82	0.1	69	1608	<2	1.16	<5	6	86	9	0.22	<10	50	149	<10	50	4
SN-06-02	163.4	166.4	3.0	18676d	447	1.2	1.91	5	152	<0.5	<5	2.81	<1	17.5	82	1111.5	4.81	<1	1.45	<10	1.80	546	39.5	0.1	40	1889.5	<2	0.73	5.5	6	129	11.5	0.23	10	57	173.5	16.5	42	4
SN-06-02	166.4	169.5	3.1	18678	425	1.6	2.38	<5	212	<0.5	<5	1.79	<1	32	76	1409	5.79	<1	2.03	<10	1.94	533	140	0.07	52	1669	<2	1.53	<5	7	49	9	0.25	<10	52	183	13	50	4
SN-06-02	169.5	172.5	3.0	18679	432	8.8	2.01	11	81	<0.5	<5	2.09	4	36	73	1339	5.88	<1	1.53	<10	1.31	501	84	0.08	50	1441	237	3.27	<5	3	53	10	0.18	<10	52	107	<10	463	4
SN-06-02	172.5	175.6	3.1	18680	296	7.6	1.68	6	87	<0.5	<5	2.78	1	32	76	1197	5.49	<1	1.40	<10	1.22	603	79	0.06	41	1609	141	3.40	<5	4	54	8	0.18	<10	50	115	10	184	4
SN-06-02	175.6	178.6	3.0	18682	381	9.3	1.87	<5	84	<0.5	<5	1.12	<1	49	75	1657	6.48	<1	1.56	<10	1.35	533	28	0.07	37	1569	6	3.91	<5	5	65	6	0.23	<10	40	137	33	85	5
SN-06-02	178.6	181.7	3.1	18683	318	1	1.66	5	110	<0.5	<5	2.40	<1	25	62	1231	4.15	<1	1.32	<10	1.53	464	58	0.1	29	1841	<2	1.58	<5	5	111	8	0.19	<10	48	138	45	41	4
SN-06-02	181.7	184.7	3.0	18684	173	0.9	1.54	<5	105	<0.5	<5	2.43	<1	19	134	591	4.39	<1	1.14	<10	1.55	469	18	0.12	57	1586	<2	1.05	7	4	122	8	0.20	<10	44	129	16	41	4
SN-06-02	184.7	186.2	1.5	18686	102	0.5	1.62	<5	188	<0.5	<5	2.08	<1	15	66	545	3.00	<1	1.32	<10	1.65	457	40	0.12	33	1528	<2	0.46	6	5	90	8	0.21	<10	33	129	<10	38	3
SN-06-02	186.2	187.8	1.6	18687	101	1	1.65	<5	163	<0.5	<5	2.92	<1	14	63	377	3.25	<1	1.39	<10	1.22	566	45	0.07	27	1532	<2	0.26	<5	7	114	7	0.22	<10	36	155	<10	38	3
SN-06-02	187.8	190.8	3.0	18688	404	5.8	1.97	8	130	<0.5	<5	3.55	<1	19	68	760	3.75	<1	1.18	<10	1.02	808	27	0.16	38	1490	4	1.76	<5	5	119	8	0.18	<10	34	132	<10	72	3
SN-06-02	190.8	193.8	3.0	18689	362	5.9	1.86	<5	125	<0.5	<5	3.28	<1	15	111	635	3.50	<1	1.36	<10	1.13	802	15	0.11	52	1243	6	0.97	6	6	65	<5	0.18	<10	17	140	<10	94	2
SN-06-02	193.8	196.9	3.1	18690	485	3	1.88	8	142	<0.5	<5	2.25	<1	15	94	674	3.25	<1	1.12	<10	0.92	562	29	0.15	72	1445	<2	1.31	5	4	85	6	0.16	<10	32	105	<10	48	3

D. G. DuPre

DDH #	From	To	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
					PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SN-06-02	196.9	199.9	3.0	18691	396	2.7	2.53	<5	217	<0.5	<5	5.25	<1	26	270	1346	4.36	<1	1.69	<10	1.31	1044	65	0.15	190	1086	<2	0.87	8	4	123	8	0.24	<10	40	146	<10	42	3
SN-06-02	199.9	201.5	1.6	18692	130	1	2.40	<5	322	<0.5	<5	3.22	<1	24	208	449	4.61	<1	2.06	<10	1.69	911	87	0.06	154	1287	<2	0.54	6	8	107	9	0.27	<10	37	164	<10	61	3
SN-06-03	11.6	14.0	2.4	18696	196	<0.2	4.27	<5	169	1	<5	3.85	<1	24	31	961	6.26	<1	2.09	<10	1.72	480	86	0.09	21	1654	<2	1.28	<5	3	208	9	0.23	12	59	128	<10	53	5
SN-06-03	14.0	15.5	1.5	18697	274	0.5	4.49	<5	191	1.1	<5	2.52	<1	31	26	1253	5.18	1	2.16	<10	1.89	374	70	0.09	24	2105	<2	1.35	<5	3	243	9	0.25	<10	52	95	<10	54	5
SN-06-03	15.5	17.1	1.6	18698	424	1.1	5.26	<5	218	1.1	<5	2.62	<1	33	31	1871	6.42	<1	2.84	<10	2.45	477	116	0.11	27	2034	<2	1.20	<5	3	228	8	0.27	<10	55	143	<10	88	5
SN-06-03	17.1	20.1	3.0	18699	450	1.6	2.31	17	70	0.6	<5	2.93	<1	29	35	1081	8.62	<1	1.45	<10	1.17	635	442	0.04	25	1683	3	>5.00	<5	1	106	6	0.16	<10	53	77	29	66	7
SN-06-03	20.1	21.6	1.5	18700	881	3.3	3.75	9	110	1	<5	3.40	<1	28	37	2589	6.70	<1	1.86	<10	1.51	780	134	0.1	25	1738	<2	4.19	<5	4	119	<5	0.23	<10	36	120	17	66	5
SN-06-03	21.6	23.2	1.6	18701	216	0.6	4.53	<5	145	1	<5	4.67	<1	24	41	969	4.68	1	2.00	<10	1.62	769	131	0.1	22	1638	<2	0.97	<5	5	159	<5	0.23	<10	34	131	<10	57	4
SN-06-03	23.2	25.0	1.8	18702	267	0.4	4.48	<5	164	0.8	<5	3.30	<1	28	40	1268	5.78	1	2.15	<10	1.75	640	177	0.08	23	1846	<2	1.57	<5	7	146	<5	0.26	<10	36	156	12	62	4
SN-06-03	25.0	26.5	1.5	18703	462	1.6	2.05	7	68	0.5	194	4.55	<1	18	56	1538	5.98	<1	0.99	<10	0.86	677	439	0.03	23	1337	21	4.82	<5	1	147	5	0.09	<10	42	60	10	33	5
SN-06-03	26.5	28.0	1.5	18704	446	1.2	2.94	<5	79	0.7	<5	2.64	<1	24	39	1333	6.88	<1	1.55	<10	1.26	591	335	0.07	23	1653	<2	>5.00	<5	2	149	<5	0.16	<10	36	70	22	54	5
SN-06-03	28.0	30.0	2.0	18706	289	1.1	3.04	<5	78	0.8	<5	2.67	<1	22	26	1443	3.64	<1	1.50	<10	1.26	479	450	0.07	22	1917	<2	1.14	<5	3	159	<5	0.15	<10	15	61	<10	42	3
SN-06-03	30.0	31.7	1.7	18707	326	0.4	5.01	<5	96	1.2	<5	4.19	<1	26	71	1499	4.71	1	1.90	<10	1.54	584	102	0.22	36	1807	<2	1.01	<5	6	457	<5	0.22	<10	34	167	<10	47	4
SN-06-03	31.7	33.2	1.5	18708	161	<0.2	4.82	<5	92	0.8	<5	3.53	<1	26	37	788	5.37	<1	2.08	<10	1.63	561	39	0.4	24	1808	<2	0.53	<5	10	374	5	0.26	<10	37	196	<10	55	4
SN-06-03	33.2	35.4	2.2	18709	384	0.6	2.52	<5	139	<0.5	<5	3.53	<1	28	56	1469	4.74	<1	1.62	<10	1.41	621	446	0.14	34	1785	<2	1.69	<5	6	232	5	0.20	<10	35	114	<10	47	3
SN-06-03	35.4	38.4	3.0	18710d	441	0.9	3.26	<5	87.5	0.9	<5	2.75	<1	21.5	35	1403	4.48	<1	1.74	<10	1.52	654.5	330.5	0.16	32	1871.5	<2	1.49	<5	3	170	7	0.19	<10	32	90.5	<10	59	3
SN-06-03	38.4	39.2	0.8	18712	459	0.5	2.36	23	78	0.7	<5	5.24	<1	19	60	624	7.03	<1	1.29	<10	1.25	1227	196	0.11	35	1412	6	>5.00	<5	1	305	8	0.12	<10	42	59	14	77	5
SN-06-03	39.2	41.5	2.3	18713	247	0.4	3.01	<5	139	0.8	<5	3.14	<1	17	59	886	3.61	<1	1.51	<10	1.32	557	382	0.17	34	1860	<2	0.90	<5	3	355	7	0.16	<10	32	71	<10	45	3
SN-06-03	41.5	44.5	3.0	18714	256	0.2	3.33	<5	130	0.8	<5	4.42	<1	21	45	1046	5.10	<1	1.80	<10	1.50	721	173	0.19	30	1798	<2	0.89	<5	7	330	5	0.21	<10	42	153	<10	60	4
SN-06-03	44.5	47.5	3.0	18715	344	0.4	2.83	<5	122	0.6	<5	3.16	<1	18	44	996	4.89	<1	1.64	<10	1.37	600	338	0.17	22	1944	<2	1.08	<5	2	163	7	0.17	<10	42	100	<10	83	3
SN-06-03	47.5	50.6	3.1	18716	412	0.3	2.16	<5	155	<0.5	<5	2.68	<1	22	37	1238	4.99	<1	1.68	<10	1.45	620	338	0.09	21	2071	<2	1.22	<5	4	112	7	0.20	<10	39	116	<10	43	4
SN-06-03	50.6	53.6	3.0	18717	531	0.2	2.66	<5	133	<0.5	<5	3.51	<1	23	34	859	6.34	<1	1.82	<10	1.56	830	404	0.12	19	1791	<2	2.16	<5	3	171	5	0.21	<10	38	123	<10	73	5
SN-06-03	53.6	56.7	3.1	18718	323	0.4	3.00	<5	165	0.8	<5	4.23	<1	23	33	1223	4.76	<1	1.42	<10	1.11	737	367	0.2	20	1844	<2	1.50	<5	2	246	7	0.15	<10	38	84	<10	37	3
SN-06-03	56.7	59.7	3.0	18719	518	0.2	3.13	<5	219	0.6	<5	3.19	<1	21	44	1263	7.55	<1	1.97	<10	1.60	747	437	0.1	22	1905	<2	1.08	<5	5	197	6	0.27	<10	47	213	11	90	6
SN-06-03	59.7	62.2	2.5	18721	553	0.6	3.25	13	186	0.9	<5	4.79	1	24	49	1371	5.99	<1	1.62	<10	1.27	1038	231	0.09	27	1811	<2	1.84	<5	4	312	<5	0.19	<10	29	144	11	127	4
SN-06-03	62.2	63.4	1.2	18722	547	0.5	3.29	5	150	0.8	<5	2.94	<1	24	37	1721	4.44	<1	1.55	<10	1.21	642	190	0.08	23	1895	<2	1.03	<5	2	202	<5	0.16	<10	22	84	<10	52	3
SN-06-03	63.4	65.8	2.4	18723	436	0.4	2.66	<5	139	0.6	<5	3.53	<1	22	50	1113	5.16	<1	1.42	<10	1.16	818	532	0.06	22	1767	<2	1.57	<5	3	200	<5	0.15	<10	24	95	<10	46	4
SN-06-03	65.8	68.9	3.1	18724	439	0.3	2.84	<5	114	0.6	<5	3.81	<1	20	46	1171	5.62	<1	1.61	<10	1.29	966	188	0.09	20	1613	<2	1.86	<5	4	179	<5	0.18	<10	21	118	13	45	4
SN-06-03	68.9	71.9	3.0	18725	591	0.8	2.72	<5	147	0.5	<5	3.37	<1	23	43	1791	5.03	<1	1.39	<10	1.07	680	784	0.2	19	1701	<2	1.48	<5	5	219	<5	0.16	<10	27	112	<10	34	4
SN-06-03	71.9	75.0	3.1	18726	799	0.7	2.64	10	75	0.5	13	2.66	<1	29	47	1797	6.97	<1	1.61	<10	1.27	576	264	0.18	23	1862	<2	4.36	<5	5	317	<5	0.18	<10	37	128	18	49	5
SN-06-03	75.0	78.0	3.0	18727	334	<0.2	2.92	<5	178	<0.5	<5	3.83	<1	28	64	958	6.66	<1	2.27	<10	1.81	811	95	0.15	27	1770	<2	1.50	<5	14	133	<5	0.30	<10	34	246	<10	53	5
SN-06-03	78.0	81.1	3.1	18728d	215	<0.2	3.08	<5	171	<0.5	<5	3.02	<1	30.5	61.5	1247	7.55	<1	2.44	<10	2.10	808	176.5	0.145	29.5	1651	<2	2.56	<5	14	80	<5	0.30	<10	32	236	13	51	5.5
SN-06-03	81.1	84.1	3.0	18730	203	<0.2	3.32	5	226	<0.5	<5	3.56	<1	34	47	985	7.32	<1	2.61	<10	2.10	1046	99	0.11	31	1887	<2	1.86	<5	9	95	<5	0.32	<10	36	223	19	64	5
SN-06-03	84.1	87.2	3.1	18731	369	0.2	2.38	<5	212	<0.5	<5	5.40	<1	32	66	1651	7.97	<1	1.73	<10	2.19	1112	124	0.07	31	1768	<2	1.25	<5	19	119	<5	0.27	<10	50	328	<10	72	7
SN-06-03	87.2	89.3	2.1	18732	161	<0.2	2.27	<5	165	<0.5	<5	3.27	<1	24	43	727	6.51	<1	1.95	<10	1.86	818	321	0.09	23	2076	<2	0.29	<5	11	64	<5	0.31	<10	37	237	<10	58	6
SN-06-03	89.3	90.8	1.5	18733	182	<0.2	2.13	<5	148	<0.5	<5	2.73	<1	25	48	776	6.29	<1	1.63	<10	1.83	669	173	0.07	20	1940	<2	0.37	<5	10	75	<5	0.25	<10	38	238	<10	49	5
SN-06-03	90.8	93.3	2.5	18734	157	<0.2	2.35	<5	150	<0.5	<5	1.78	<1	27	49	750	7.08	<1	1.80	11	1.79	535	64	0.08	29	2138	<2	1.39	<5	11	60	<5	0.26	<10	42	222	15	54	5
SN-06-03	93.3	96.3	3.0	18735	309	0.5	2.68	<5	220	<0.5	<5	2.27	<1	36	45	1803	8.79	<1	2.15	<10	2.83	755	64	0.12	29	2002	<2	0.73	<5	16	87	<5	0.31	<10	49	352	14	71	8
SN-06-03	96.3	99.4	3.1	18736	277	0.3	3.03	<5	326	<0.5	<5	3.13	<1	32	38	1377	7.58	<1	2.66	<10	2.27	832	120	0.1	26	1950	<2	1.01	<5	19	84	<5	0.36	<10	41	294	<10	65	6
SN-06-03	99.4	102.4	3.0	18737	357	0.4	2.63	<5	255	<0.5	<5	2.19	<1	27	56	1463	6.27	<1	2.23	<10	1.96	716	92	0.09	30	1885	<2	0.83	<5	10	63	5	0.28	<10	32	206	<10	67	5
SN-06-03	102.4	105.5	3.1	18739	300	<0.2	3.48	<5	288	0.6	<5	4.65	<1	34	35	1277	7.80	<1	2.48	<10	1.98	1104	74	0.12	23	1887	<2	1.79	<5	6	137	6	0.35	11	48	252	12	75	6
SN-06-03	105.5	108.5	3.0	18740	232	<0.2	3.78	<5	212	0.9	<5	4.46	<1	26	38	1073	6.48	<1	2.15	<10	1.67	869	129	0.17	19	1923	<2	0.96	<5	5	175	6	0.27	10	45	190	<10	57	5
SN-06-03	108.5	111.6	3.1	18741	248	<0.2	2.96	<5	249	0.5	<5	3.53	<1	22	37	992	6.17	<1	2.26	<10	1.77	794	101	0.11	21	2298	<2	0.91	5	4	132	6	0.26	<10	45	153	<10	55	5
SN-06-03	111.6	114.6	3.0	18742	304	<0.2	2.75	<5	299	<0.5	<5	2.96	<1	31	54	872	7.19	<1	2.45	<10	2.04	774	192	0.07	21	1875	<2	1.74	<5	14	72	<5	0.31	<10	41	241	10	67	6
SN-06-03	114.6	117.6	3.0	18744	181	<0.2	2.32	<5	180	<0.5	<5	2.45	<1	17	29	504	5.11	<1	1.91	<10	1.56	643	148	0.08	18	1940	<2	0.95	<5	6	68	7	0.24	<10	41	137	<10	59	4
SN-06-03	117.6	120.7	3.1	18745	138	<0.2	2.07	<5	165	<0.5	<5	1.63	<1	19	33	509	5.61	<1	1.78	<10	1.44	501	181	0.05	23	1951	<2	1.77	<5	7	60	7	0.25	<10	34	142	11	68	4
SN-06-03	120.7	123.7	3.0	18746	261	0.4	2.64	<5	178	<0.5	<5	1.86	<1	23	33	984	6.57	<1	2.15	<10	1.70	568	118	0.1	26	1828	<2	1.52	5	11	64	6	0.32	<10	43	216	33	86	5
SN-06-03	123.7	126.8	3.1	18747	128	<0.2	1.91	<5	244	<0.5	<5	2.22	<1	17	30	500	4.57	<1	1.54	10	1.28	535	116	0.06	19	1800	<2	0.88	<5	9	80	9	0.23	<10	40	149	<10	54	3
SN-06-03	126.8	129.8	3.0	18748	103	0.2	2.04	<5	280	<0.5	<5	2.80	<1	28	33	425	5.12	<1	1.78	10	1.50	654	452	0.07	21	1743	<2	1.44	<5	11	100	9	0.26	<10	47	163	10	60	4
SN-06-03	129.8	132.9	3.1	18749	151	<0.2	3.39	<5	261	<0.5	<5	1.95	<1	29	33	695	6.31	<1	3.20	<10	2.91	657	197	0.06	32	1813	<2	0.85	<5	14	85	7	0.37	<10	41	240	<10	78	5
SN-06-03	132.9	135.9	3.0	18750	126	<0.2	2.77	<5	197	<0.5	<5	1.58	<1	26	61	611	5.13	<1	2.52	<10	2.24	576	245	0.06	38	1749	<2	0.80	<5	11	39	7	0.31	<10	38	175	10	63	4
SN-06-03	135.9	139.0	3.1	18752	124	0.3	3.17	<5	209	<0.5	<5	1.28	<1	24	101	680	5.78	<1	2.97	<10	2.67	477	53	0.05	58	1672	<2	0.47	8	11	41	7	0.31	<10	39	188	13	50	4
SN-06-03	139.0	142.0	3.0	18754	154	<0.2	4.82	<5	250	<0.5	<5	0.82	<1	35	99	697	9.57	<1	4.48	<10	3.84	474	67	0.04	68	1751	<2	0.86	6	8	48	6	0.31	<10	51	187	19	49	7
SN-06-03	142.0	145.1	3.1	18755	77	<0.2	2.68	<5	164	<0.5	<5	1.23	<1	27	95	396	6.32	<1	2.43	<10	1.99	480	85	0.06	59	1652	<2	1.12	6	7	53	7	0.32	<10	40	170	11	81	5
SN-06-03	145.1	148.1	3.0	18756	100	<0.2	2.55	<5	193	<0.5	<5	1.52	<1	26	91	431	5.95	<1	2.33	<10	1.95	571	53	0.07	53	1700	<2	0.90	6	7	48	7	0.33	<10	45	178	22	76	5
SN-06-03	148.1	151.1	3.0	18757	112	0.2	2.51	<5	229	<0.5	<5	2.06	<1	22	106	579	5.52	<1	2.25	<10	1.99	601	232	0.07	57	1730	<2	0.45	<5	9	92	8	0.31	<10	43	178	11	61	4
SN-06-03	151.1	154.2	3.1	18758	324	0.6	2.42	<5	204	<0.5	<5	2.20	<1	27	50	1423	6.27	<1	2.24	<10	2.06	648	106	0.07	37	2060	<2	1.19	<5	9	79	8	0.30	<10	49	215	17	63	5

D. G. DuPre

DDH #	From	To	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
					PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SN-06-03	154.2	157.2	3.0	18760	115	<0.2	2.54	6	177	<0.5	<5	2.65	<1	23	53	385	5.52	<1	2.32	<10	1.97	679	117	0.07	30	1599	<2	0.84	<5	11	101	11	0.32	<10	48	205	<10	72	4
SN-06-03	157.2	160.3	3.1	18761	121	<0.2	2.66	<5	136	<0.5	<5	2.55	<1	20	84	453	6.20	<1	2.00	<10	1.53	687	53	0.12	52	1709	<2	0.61	6	7	101	10	0.29	<10	53	168	<10	66	5
SN-06-03	160.3	163.4	3.1	18762	231	<0.2	1.72	<5	137	<0.5	<5	1.63	<1	18	54	800	5.21	<1	1.46	<10	1.13	471	100	0.07	30	1530	<2	1.19	<5	8	62	9	0.25	<10	49	154	<10	54	4
SN-06-03	163.4	166.4	3.0	18763	257	0.3	1.85	<5	102	<0.5	<5	2.12	<1	19	61	702	5.89	<1	1.40	<10	1.07	584	58	0.09	34	1702	<2	1.09	<5	6	93	8	0.23	<10	48	146	<10	51	4
SN-06-03	166.4	169.5	3.1	18764	146	0.5	1.99	<5	84	<0.5	<5	2.20	<1	15	40	497	5.21	<1	1.19	<10	1.27	629	51	0.09	23	1708	<2	0.68	<5	6	116	8	0.18	<10	48	145	<10	54	4
SN-06-03	169.5	172.5	3.0	18766	204	0.5	1.80	6	134	<0.5	<5	1.46	<1	21	43	461	5.88	<1	1.59	<10	1.31	483	120	0.06	21	1709	<2	1.51	<5	8	78	8	0.26	<10	41	162	13	70	5
SN-06-03	172.5	175.5	3.0	18767	257	0.4	2.45	<5	183	<0.5	<5	1.00	<1	27	43	645	6.69	<1	2.21	<10	1.77	526	54	0.06	27	1805	<2	1.13	6	9	58	8	0.32	<10	45	184	<10	91	5
SN-06-03	175.5	178.6	3.1	18768	252	<0.2	2.35	<5	171	<0.5	<5	0.70	<1	21	76	428	6.34	<1	2.17	<10	1.84	526	57	0.05	48	1629	<2	0.54	8	6	40	5	0.31	<10	37	172	15	93	5
SN-06-03	178.6	181.7	3.1	18769	168	<0.2	2.51	<5	181	<0.5	<5	1.00	<1	21	54	436	5.48	<1	2.18	<10	1.86	598	44	0.05	33	1679	<2	0.49	6	8	131	8	0.31	<10	32	169	<10	101	4
SN-06-03	181.7	183.8	2.1	18770	428	<0.2	2.48	<5	150	<0.5	<5	1.43	<1	24	159	579	9.46	<1	2.30	<10	1.97	757	35	0.05	86	1431	2	1.91	9	9	65	6	0.31	<10	52	196	18	136	7
SN-06-03	183.8	186.8	3.0	18771	313	0.6	2.38	<5	254	<0.5	<5	1.24	<1	22	89	1185	5.11	<1	2.13	<10	1.76	540	143	0.06	58	1522	<2	0.83	<5	10	126	8	0.30	<10	35	156	<10	132	4
SN-06-03	186.8	189.9	3.1	18772	204	0.2	3.44	5	144	0.6	<5	2.61	<1	25	175	714	5.51	<1	2.21	<10	1.80	767	47	0.18	117	1234	<2	1.67	10	5	81	7	0.27	<10	39	123	<10	107	4
SN-06-03	189.9	193.8	3.9	18773d	197	0.35	3.30	<5	258	<0.5	<5	2.75	<1	26.5	244.5	549	6.19	<1	2.97	<10	2.68	981.5	47.5	0.06	146.5	1341	<2	1.37	11.5	11	169	9	0.34	<10	46	188.5	<10	233	4.5
SN-06-03	193.8	196.9	3.1	18775	143	<0.2	2.85	<5	210	<0.5	<5	1.26	1	26	165	535	5.48	<1	2.67	<10	2.53	619	26	0.05	101	1293	<2	0.66	10	10	111	6	0.31	<10	38	164	<10	216	4
SN-06-03	196.9	199.9	3.0	18776	157	0.3	2.83	<5	289	0.5	<5	1.79	<1	22	78	591	5.02	<1	2.14	<10	1.79	627	61	0.09	47	1436	<2	1.03	6	8	190	9	0.28	<10	36	142	<10	109	4
SN-06-03	199.9	203.0	3.1	18777	122	<0.2	3.20	<5	178	<0.5	<5	2.41	<1	22	171	429	5.76	<1	2.54	<10	2.21	821	38	0.1	107	1255	<2	0.95	7	9	73	6	0.28	<10	34	149	<10	106	4
SN-06-04	6.1	7.9	1.8	18778	418	1.5	1.24	14	52	<0.5	8	2.79	<1	27	46	1047	8.39	<1	0.72	<10	0.78	761	178	0.02	29	1400	10	>5.00	<5	1	71	8	0.05	<10	56	39	17	53	6
SN-06-04	7.9	11.0	3.1	18779	258	0.8	1.33	9	51	<0.5	<5	4.85	<1	15	33	385	7.21	<1	0.73	<10	0.63	1132	140	0.02	18	1131	5	>5.00	<5	<1	140	9	0.06	<10	51	36	<10	40	5
SN-06-04	11.0	14.0	3.0	18780	483	2.5	1.34	53	43	<0.5	26	3.42	1	22	42	938	11.83	<1	0.83	<10	0.80	1114	203	0.01	25	1418	17	>5.00	<5	<1	85	9	0.06	<10	74	39	27	42	10
SN-06-04	14.0	17.1	3.1	18781	299	0.7	1.91	27	55	0.5	<5	4.69	<1	24	44	423	8.75	<1	1.16	<10	1.10	1620	163	0.02	24	1204	7	>5.00	<5	3	110	6	0.12	<10	36	81	20	50	6
SN-06-04	17.1	20.1	3.0	18782	1293	1.6	2.34	8	95	0.5	<5	5.15	<1	32	51	951	8.73	<1	1.70	<10	1.37	1398	117	0.02	30	1650	3	>5.00	6	4	100	7	0.23	<10	53	151	21	69	6
SN-06-04	20.1	23.2	3.1	18783	3376	3.1	2.95	34	71	0.5	10	4.30	1	34	62	1290	10.03	<1	1.96	<10	1.81	1605	90	0.05	29	1477	3	>5.00	<5	7	112	5	0.23	<10	43	170	46	65	8
SN-06-04	23.2	26.2	3.0	18785	231	0.2	4.00	<5	173	0.6	<5	3.13	<1	28	137	601	6.99	<1	2.35	<10	1.96	768	85	0.23	49	1684	<2	0.75	7	9	123	9	0.30	<10	49	220	<10	70	5
SN-06-04	26.2	27.3	1.1	18786	396	0.4	3.66	<5	102	0.5	<5	1.92	<1	26	87	667	6.12	<1	2.31	<10	2.15	625	81	0.16	49	1733	<2	1.22	5	8	82	9	0.26	<10	47	177	<10	81	4
SN-06-04	27.3	29.3	2.0	18787	264	0.3	1.96	<5	62	1.1	<5	2.20	<1	21	31	646	5.55	<1	1.10	<10	1.32	627	73	0.03	36	1895	3	0.94	<5	5	86	8	0.11	<10	43	92	<10	68	5
SN-06-04	29.3	32.3	3.0	18788	62	<0.2	1.02	<5	33	<0.5	<5	>15.00	<1	6	39	263	2.50	<1	0.22	11	0.70	1697	111	0.01	11	610	<2	0.31	<5	4	622	12	0.01	<10	72	40	45	34	2
SN-06-04	32.3	34.8	2.5	18789	171	0.5	1.45	<5	42	<0.5	<5	3.15	<1	13	37	763	3.09	<1	0.48	<10	0.87	478	124	0.01	18	1641	<2	0.80	<5	2	85	8	0.02	<10	40	52	<10	42	3
SN-06-04	34.8	36.9	2.1	18790	204	0.2	2.18	<5	116	0.5	<5	3.61	<1	26	26	619	4.86	<1	1.05	<10	1.32	597	160	0.04	27	1746	<2	2.00	<5	4	138	8	0.10	<10	47	88	<10	57	3
SN-06-04	36.9	38.0	1.1	18791	34	<0.2	0.89	<5	20	<0.5	<5	>15.00	<1	2	26	113	2.15	1	0.43	12	0.85	2762	10	0.01	8	86	3	0.18	<5	4	1451	11	<0.01	<10	59	19	33	35	2
SN-06-04	38.0	41.5	3.5	18792	82	<0.2	1.25	<5	47	0.5	<5	13.87	<1	10	30	381	2.68	1	0.34	12	0.78	1882	77	0.01	14	841	4	0.53	<5	5	865	6	0.01	<10	44	48	<10	41	2
SN-06-04	41.5	44.0	2.5	18793	110	<0.2	1.33	<5	23	0.7	<5	>15.00	1	11	25	310	3.51	<1	0.26	15	0.83	2360	59	0.01	13	697	8	0.92	<5	7	1012	8	0.01	<10	55	65	<10	47	3
SN-06-04	44.0	45.4	1.4	18794	46	<0.2	0.86	<5	<10	<0.5	<5	>15.00	<1	7	17	171	2.27	1	0.15	18	0.66	2781	50	0.01	9	487	13	0.60	<5	6	1616	8	<0.01	<10	54	34	<10	30	2
SN-06-04	45.4	48.4	3.0	18795	126	<0.2	1.71	<5	29	0.5	<5	14.33	<1	17	31	479	4.24	<1	0.39	22	1.11	1961	59	0.01	19	1216	4	1.07	<5	7	939	7	0.02	12	49	88	<10	51	4
SN-06-04	48.4	51.5	3.1	18796	171	0.5	2.18	<5	103	<0.5	<5	3.12	<1	22	38	631	4.97	<1	1.16	12	1.33	626	50	0.06	24	1621	<2	1.94	<5	5	102	<5	0.13	11	31	118	<10	59	4
SN-06-04	51.5	54.4	2.9	18797	187	<0.2	2.86	10	85	0.6	<5	3.32	<1	22	33	366	6.73	<1	1.34	<10	1.33	670	42	0.19	30	1941	2	4.39	<5	7	110	<5	0.15	<10	42	142	<10	59	5
SN-06-04	54.4	55.4	1.0	18798	285	<0.2	1.59	16	43	<0.5	<5	4.08	<1	22	24	351	7.88	<1	0.59	<10	1.03	728	49	0.03	31	1534	5	>5.00	<5	2	106	<5	0.04	<10	37	87	<10	50	6
SN-06-04	55.4	57.0	1.6	18799	34	<0.2	0.47	<5	29	<0.5	<5	>15.00	<1	3	26	147	1.25	<1	0.07	10	0.38	2248	20	0.01	4	185	4	0.25	<5	5	1404	<5	<0.01	<10	38	16	<10	18	1
SN-06-04	57.0	60.0	3.0	18800	313	0.5	2.77	<5	231	0.8	<5	3.79	<1	29	47	1413	6.54	<1	1.79	13	1.87	847	304	0.02	31	1722	<2	0.70	<5	15	130	<5	0.21	<10	28	238	<10	98	5
SN-06-04	60.0	63.1	3.1	18801	138	<0.2	1.72	<5	166	0.6	<5	7.86	<1	18	24	599	4.15	<1	0.74	13	1.09	1145	52	0.02	21	1643	<2	1.04	<5	7	298	<5	0.05	<10	31	112	<10	64	3
SN-06-04	63.1	65.8	2.7	18802	113	<0.2	1.97	<5	190	<0.5	<5	2.15	<1	18	32	690	4.99	<1	0.50	10	1.54	591	67	0.03	22	1682	<2	1.01	<5	5	98	<5	0.05	<10	18	132	<10	57	4
SN-06-04	65.8	68.9	3.1	18803	151	0.4	1.56	<5	206	<0.5	<5	2.29	<1	21	47	846	4.43	<1	0.77	<10	1.31	562	55	0.05	37	1492	<2	1.35	<5	7	87	<5	0.14	<10	18	138	<10	50	4
SN-06-04	68.9	71.9	3.0	18804	145	0.2	1.94	<5	289	<0.5	<5	3.43	<1	21	65	706	4.91	<1	1.32	<10	1.99	797	40	0.07	50	1686	<2	0.95	<5	9	137	<5	0.18	<10	28	163	<10	57	4
SN-06-04	71.9	75.0	3.1	18805	212	0.7	2.18	<5	167	<0.5	<5	3.17	<1	34	127	1248	6.04	<1	1.58	<10	2.43	918	71	0.09	106	1607	<2	1.76	<5	9	99	<5	0.20	14	26	184	<10	57	6
SN-06-04	75.0	78.0	3.0	18807	779	1.7	1.98	24	51	<0.5	33	5.33	<1	28	77	1641	7.84	<1	1.01	11	1.56	847	48	0.11	52	1735	10	>5.00	<5	8	134	8	0.13	<10	67	167	<10	77	6
SN-06-04	78.0	81.1	3.1	18808	197	0.2	1.39	<5	107	<0.5	<5	3.49	<1	21	62	906	4.33	<1	0.69	12	1.23	635	33	0.1	38	1446	<2	1.48	<5	7	192	<5	0.14	<10	30	142	<10	58	4
SN-06-04	81.1	84.1	3.0	18809	98	<0.2	1.46	<5	108	<0.5	<5	4.00	<1	20	74	794	4.49	<1	0.72	11	1.38	784	116	0.09	37	1497	<2	1.51	<5	7	190	5	0.12	<10	37	146	<10	55	4
SN-06-04	84.1	87.2	3.1	18810	175	<0.2	1.63	<5	67	<0.5	<5	3.54	<1	36	78	1249	5.47	<1	1.10	10	1.36	643	65	0.09	51	1597	<2	2.47	<5	8	127	<5	0.16	<10	38	164	<10	52	5
SN-06-04	87.2	90.2	3.0	18811	250	0.2	1.52	<5	80	<0.5	<5	3.59	<1	32	76	1413	5.11	<1	0.89	11	1.30	658	36	0.09	40	1515	<2	2.41	<5	8	103	<5	0.14	<10	35	140	<10	47	4
SN-06-04	90.2	93.3	3.1	18812	103	<0.2	1.28	<5	100	<0.5	<5	3.24	<1	19	57	612	3.95	<1	0.54	14	1.17	617	18	0.09	29	1610	<2	1.79	<5	6	119	<5	0.08	<10	27	123	<10	39	3
SN-06-04	93.3	96.3	3.0	18814	84	<0.2	1.51	<5	183	<0.5	<5	3.15	<1	14	42	502	3.05	<1	0.63	<10	1.36	550	50	0.06	35	1679	<2	0.74	<5	6	93	<5	0.07	<10	26	127	<10	38	2
SN-06-04	96.3	99.4	3.1	18815	158	0.2	1.57	<5	159	<0.5	<5	1.75	<1	19	55	1060	3.60	<1	0.72	14	1.66	547	46	0.09	45	1850	<2	1.10	<5	7	82	<5	0.06	<10	15	136	<10	50	3
SN-06-04	99.4	102.4	3.0	18816	115	<0.2	1.83	<5	225	0.5	<5	3.78	<1	21	141	810	4.44	<1	0.67	13	1.83	842	41	0.05	91	1431	<2	0.88	<5	8	229	<5	0.07	<10	21	146	<10	55	3
SN-06-04	102.4	105.5	3.1	18818	200	0.4	1.90	<5	131	<0.5	<5	2.94	<1	25	135	1149	4.73	<1	1.34	30	1.60	632	52	0.08	39	1435	<2	1.40	<5	8	162	<5	0.16	<10	21	151	<10	64	4
SN-06-04	105.5	108.5	3.0	18819d	158	0.2	1.87	<5	178	<0.5	<5	3.36	<1	23	138	979.5	4.59	<1	1.01	21.5	1.72	737	46.5	0.065	65	1433	<2	1.14	<5	8	196	<5	0.12	<10	21	148.5	<10	60	3.5
SN-06-04	108.5	111.6	3.1	18821	148	<0.2	1.48	29	83	<0.5	<5	4.34	1	16	57	852	4.24	<1	0.56	<10	1.31	733	33	0.07	37	1570	<2	2.15	<5	6	1076	7	0.06	<10	39	118	<10	41	3
SN-06-04	111.6	114.6	3.0	18822	300	0.3	1.74	6	76	0.5	<5	4.54	<1	20	79	675	4.61	<1	0.68	15	1.16	638	61	0.03	71	1581	<2	2.78	<5	3	270	5	0.03	<10	43	76	<10	52	3
SN-06-04	114.6	117.6	3.0	18823	147	<0.2	1.69	6	148	<0.5	<5	7.37	<1	16	119	427	3.73	<1	0.59	13	1.15	1019	89	0.04	118	1018	<2	1.32	<5	3	220	11	0.03	<10	51	64	<10	48	3

D. G. DuPre

DDH #	From	To	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
					PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SN-06-04	117.6	120.7	3.1	18824	228	<0.2	2.21	6	163	0.8	<5	6.07	<1	21	69	619	5.19	<1	0.62	15	1.66	889	73	0.03	71	1690	<2	1.05	<5	5	277	7	0.04	<10	51	88	<10	70	4
SN-06-04	120.7	123.7	3.0	18826	216	<0.2	2.69	5	116	0.5	<5	4.02	<1	17	37	872	5.95	<1	1.07	<10	1.46	784	143	0.14	24	1814	<2	1.78	<5	4	196	5	0.13	<10	37	115	<10	67	4
SN-06-04	123.7	126.8	3.1	18827	253	<0.2	2.96	5	153	0.5	<5	3.49	<1	21	42	866	6.37	<1	1.50	<10	1.71	851	111	0.13	23	1873	<2	1.62	<5	6	176	<5	0.18	<10	35	143	<10	85	4
SN-06-04	126.8	129.8	3.0	18828	211	<0.2	2.91	<5	100	<0.5	<5	2.66	<1	18	28	1073	5.20	<1	1.32	10	2.04	801	34	0.09	18	2363	<2	0.40	<5	7	101	<5	0.17	<10	29	163	<10	75	4
SN-06-04	129.8	132.9	3.1	18829	217	<0.2	2.75	<5	236	<0.5	<5	1.12	<1	23	38	851	5.06	<1	2.00	<10	2.17	628	25	0.11	23	2178	<2	0.65	<5	9	72	<5	0.26	<10	19	180	13	97	4
SN-06-04	132.9	135.9	3.0	18830	210	<0.2	1.86	<5	129	<0.5	<5	3.01	<1	18	38	823	3.28	<1	1.59	<10	1.46	661	100	0.06	27	1842	<2	0.48	<5	10	53	<5	0.20	<10	23	158	<10	59	3
SN-06-04	135.9	139.0	3.1	18831	194	<0.2	3.79	5	71	1.1	<5	4.29	<1	19	49	1086	3.46	1	1.46	<10	1.23	675	146	0.32	30	2181	<2	0.99	<5	6	88	<5	0.18	<10	36	139	<10	44	2
SN-06-04	139.0	142.0	3.0	18832	212	<0.2	2.92	<5	93	0.6	<5	3.08	<1	28	39	1465	4.03	<1	1.56	<10	1.29	590	88	0.24	28	1826	<2	1.14	<5	6	66	<5	0.21	<10	31	140	<10	57	3
SN-06-04	142.0	145.1	3.1	18833	256	<0.2	2.17	<5	145	<0.5	<5	2.41	<1	37	48	1416	4.81	<1	1.64	<10	1.50	671	59	0.1	33	1923	<2	1.56	<5	9	53	<5	0.26	<10	27	202	<10	60	4
SN-06-04	145.1	148.1	3.0	18834	195	<0.2	2.70	<5	305	<0.5	<5	1.59	<1	38	39	1052	5.29	<1	2.35	<10	2.46	743	32	0.09	29	1929	<2	1.03	<5	11	109	<5	0.31	<10	18	226	<10	82	4
SN-06-04	148.1	151.2	3.1	18835	218	<0.2	2.10	6	185	<0.5	<5	1.64	<1	22	48	729	5.14	<1	1.77	<10	1.69	791	21	0.07	25	1960	2	1.92	<5	8	49	<5	0.26	<10	19	174	<10	60	4
SN-06-04	151.2	153.8	2.6	18837	258	<0.2	1.89	<5	205	<0.5	<5	2.73	<1	28	54	1268	4.96	<1	1.44	<10	1.47	764	44	0.06	34	1739	<2	1.11	<5	9	64	<5	0.21	<10	27	186	<10	64	4
SN-06-04	154.2	157.3	3.1	18838	248	<0.2	2.10	<5	143	<0.5	<5	2.57	<1	38	54	1363	5.60	<1	1.74	<10	1.58	790	42	0.07	38	1743	<2	1.57	<5	8	75	<5	0.24	<10	22	201	<10	62	4
SN-06-04	157.3	160.3	3.0	18839	103	<0.2	1.51	<5	238	<0.5	<5	3.23	<1	18	41	653	3.62	<1	1.16	<10	1.19	623	50	0.06	25	1645	2	0.68	<5	8	78	<5	0.18	<10	29	148	<10	43	3
SN-06-04	160.3	163.4	3.1	18841	170	<0.2	1.88	<5	149	<0.5	<5	1.59	<1	22	50	671	4.83	<1	1.36	<10	1.42	616	52	0.05	29	1756	<2	1.38	<5	8	43	<5	0.21	<10	15	166	<10	53	3
SN-06-04	163.4	166.4	3.0	18842	270	<0.2	2.32	9	143	0.5	<5	2.80	<1	24	53	688	7.03	<1	1.43	<10	1.50	888	49	0.06	41	1698	3	3.05	<5	8	80	<5	0.23	12	34	178	12	78	5
SN-06-04	166.4	167.5	1.1	18843	159	<0.2	2.04	5	202	<0.5	<5	1.93	<1	22	45	417	5.84	<1	1.65	<10	1.34	716	25	0.08	27	1771	<2	1.72	<5	14	55	<5	0.29	<10	23	214	<10	52	4
SN-06-04	167.5	172.5	5.0	18844	320	<0.2	3.17	21	152	1	<5	3.97	<1	25	37	572	4.89	<1	1.31	<10	1.05	1062	38	0.12	34	1551	3	2.42	<5	5	145	<5	0.20	<10	21	125	<10	60	4
SN-06-04	172.5	175.6	3.1	18845	138	<0.2	3.96	5	189	1.2	<5	4.51	<1	28	52	643	4.73	<1	1.38	<10	1.01	1001	25	0.28	30	1666	<2	1.37	<5	6	220	<5	0.22	<10	30	148	<10	49	3
SN-06-04	175.6	178.6	3.0	18846	341	<0.2	3.80	10	98	1.4	<5	3.87	<1	27	97	633	6.81	<1	1.32	<10	1.07	914	19	0.14	65	1410	<2	2.37	<5	6	167	<5	0.22	<10	35	149	<10	48	5
SN-06-04	178.6	181.7	3.1	18847d	240	<0.2	3.88	7.5	143.5	1.3	<5	4.19	<1	27.5	74.5	638	5.77	<1	1.35	<10	1.04	957.5	22	0.21	47.5	1538	<2	1.87	<5	6	194	<5	0.22	<10	32.5	148.5	<10	49	4
SN-06-04	181.7	184.7	3.0	18849	103	<0.2	2.72	<5	231	0.6	<5	3.68	<1	24	145	884	4.27	<1	1.38	<10	1.27	807	56	0.17	87	1483	<2	0.90	<5	8	91	<5	0.22	<10	22	164	<10	45	3
SN-06-04	184.7	187.8	3.1	18850	101	<0.2	2.26	<5	364	<0.5	<5	1.88	<1	29	132	634	4.57	<1	2.06	<10	2.03	670	34	0.05	83	1704	<2	1.23	<5	10	54	<5	0.26	<10	18	181	<10	56	3
SN-06-04	187.8	190.8	3.0	18851	235	<0.2	2.54	6	295	<0.5	<5	2.16	<1	29	165	568	5.01	<1	2.22	<10	2.13	720	36	0.06	99	1600	<2	1.55	7	10	65	<5	0.28	<10	20	194	<10	64	4
SN-06-04	190.8	193.9	3.1	18852	323	<0.2	2.25	<5	145	0.5	<5	4.11	<1	31	110	1399	4.36	<1	1.32	<10	1.14	767	163	0.14	75	1365	<2	1.75	<5	5	145	<5	0.20	<10	31	130	<10	58	3
SN-06-04	193.9	196.9	3.0	18853	132	<0.2	2.34	<5	202	0.5	<5	3.97	<1	18	96	613	3.67	<1	1.17	<10	1.31	780	29	0.11	58	1513	<2	0.79	<5	7	105	<5	0.18	<10	27	140	<10	58	3
SN-06-04	196.9	199.9	3.0	18854	169	<0.2	2.57	<5	102	0.9	<5	4.07	<1	20	81	619	3.67	<1	1.11	<10	1.30	772	54	0.07	62	1427	<2	1.15	<5	6	112	<5	0.15	<10	28	126	<10	56	3
SN-06-04	199.9	201.5	1.6	18855	108	<0.2	1.77	<5	341	<0.5	<5	3.08	<1	17	90	594	3.53	<1	1.11	<10	1.58	748	45	0.06	51	1512	<2	0.48	<5	9	77	<5	0.17	<10	27	146	<10	57	3
SN-06-04	201.5	204.5	3.0	18857	226	<0.2	2.38	21	110	0.6	<5	4.40	<1	12	64	337	3.07	<1	1.10	<10	1.06	725	29	0.11	38	1268	<2	1.18	<5	7	127	<5	0.15	<10	34	117	<10	39	2
SN-06-04	204.5	207.6	3.1	18858	430	<0.2	2.81	68	206	<0.5	<5	4.21	<1	19	221	396	4.66	<1	2.01	<10	2.16	934	47	0.13	112	1100	<2	1.14	5	8	101	<5	0.23	<10	35	154	<10	69	4
SN-06-04	207.6	210.6	3.0	18859	122	<0.2	3.01	<5	162	0.6	<5	3.45	<1	17	157	410	3.65	<1	1.83	<10	1.71	765	44	0.2	111	1012	<2	0.67	6	9	87	<5	0.22	<10	30	145	<10	62	3
SN-06-04	210.6	213.7	3.1	18860	199	<0.2	1.64	7	159	<0.5	<5	2.46	<1	15	128	590	3.54	<1	1.15	<10	1.41	631	109	0.06	56	887	<2	0.92	<5	6	58	<5	0.14	<10	29	114	<10	63	3
SN-06-04	213.7	215.8	2.1	18861	107	<0.2	1.06	<5	39	<0.5	<5	3.24	<1	12	80	562	2.42	<1	0.37	<10	1.13	620	133	0.05	45	793	<2	0.64	<5	5	95	<5	0.04	<10	30	77	<10	43	2
SN-06-04	215.8	217.6	1.8	18862	30	<0.2	1.78	5	309	1	<5	4.85	<1	29	94	182	5.52	<1	0.14	21	2.84	1011	15	0.07	126	2487	2	0.29	<5	8	1784	6	0.08	<10	39	117	<10	95	9
SN-06-04	217.6	220.7	3.1	18863	61	<0.2	1.63	<5	60	0.6	<5	4.60	<1	25	71	361	4.39	<1	0.21	21	2.15	808	49	0.05	88	1767	<2	0.58	<5	7	245	5	0.02	10	42	102	<10	85	5
SN-06-04	220.7	222.7	2.0	18864d	46	<0.2	1.71	<5	184.5	<0.5	<5	4.73	<1	27	82.5	271.5	4.96	<1	0.18	21	2.50	909.5	37	0.06	107	2127	<2	0.44	<5	8	1015	<5	0.05	<10	40.5	109.5	<10	90	7
SN-06-04	222.7	224.0	1.3	18866	2	<0.2	2.17	<5	39	0.8	<5	4.73	<1	32	79	35	5.35	<1	0.08	24	3.19	924	5	0.1	134	2179	2	0.08	<5	10	236	<5	0.06	<10	44	119	<10	86	8
SN-06-04	224.0	226.8	2.8	18867	40	<0.2	1.98	<5	66	0.6	<5	3.54	<1	24	64	369	4.03	<1	0.76	14	2.16	673	70	0.07	83	1639	<2	0.84	<5	8	222	<5	0.09	<10	35	114	<10	62	5
SN-06-04	226.8	229.8	3.0	18868	33	<0.2	1.77	<5	122	0.5	<5	4.18	1	19	57	228	3.78	<1	0.69	16	2.01	751	56	0.06	54	1636	6	0.72	<5	7	327	5	0.08	<10	37	115	<10	177	4
SN-06-04	229.8	232.9	3.1	18869	37	<0.2	1.45	<5	140	<0.5	<5	3.62	<1	13	59	231	3.29	<1	0.69	13	1.15	601	28	0.06	25	1350	<2	0.60	<5	7	265	<5	0.10	<10	32	107	<10	55	2
SN-06-04	232.9	235.9	3.0	18871	61	<0.2	1.29	<5	111	<0.5	<5	2.78	<1	14	53	462	3.28	<1	0.81	11	1.04	516	34	0.05	23	1186	<2	0.71	<5	7	208	<5	0.12	<10	28	97	<10	60	3
SN-06-05	12.8	15.0	2.2	18872	120	<0.2	2.70	7	250	0.5	<5	3.32	<1	24	50	767	6.84	<1	2.30	<10	1.91	854	256	0.08	30	1718	<2	0.30	<5	20	116	<5	0.29	<10	39	258	<10	85	5
SN-06-05	15.0	17.9	2.9	18873	73	<0.2	1.83	<5	218	0.5	<5	3.77	<1	18	46	389	5.06	<1	0.92	16	1.50	897	182	0.08	39	2413	<2	0.24	<5	9	216	<5	0.14	<10	34	143	<10	66	7
SN-06-05	17.9	20.4	2.5	18874	3	<0.2	2.33	<5	133	0.8	<5	4.88	<1	34	61	57	6.71	<1	0.08	31	3.20	1325	25	0.09	105	3686	2	0.27	<5	13	271	5	0.09	11	39	171	<10	111	12
SN-06-05	20.4	23.5	3.1	18875	108	<0.2	2.61	<5	133	0.5	<5	2.60	<1	16	35	490	4.75	<1	1.58	<10	1.29	637	151	0.18	22	1866	<2	0.26	<5	7	95	5	0.20	<10	31	146	<10	58	3
SN-06-05	23.5	26.5	3.0	18877	228	<0.2	2.42	<5	143	0.5	<5	3.17	<1	15	58	790	4.45	<1	1.59	<10	1.45	841	201	0.13	35	1700	<2	0.51	<5	6	101	<5	0.19	<10	30	133	<10	63	3
SN-06-05	26.5	29.6	3.1	18878	135	<0.2	2.05	<5	252	<0.5	<5	1.55	<1	16	43	509	4.83	<1	1.78	<10	1.56	562	44	0.07	29	1850	<2	0.15	<5	12	33	<5	0.26	<10	19	191	<10	53	4
SN-06-05	29.6	31.7	2.1	18879	370	<0.2	2.11	<5	380	<0.5	<5	2.57	<1	13	61	698	3.90	<1	1.64	<10	1.39	663	165	0.09	24	1599	<2	0.33	<5	8	80	5	0.22	<10	23	144	<10	51	3
SN-06-05	31.7	34.7	3.0	18880	192	<0.2	2.47	<5	262	<0.5	<5	2.48	<1	21	49	760	5.26	<1	1.96	<10	1.62	667	165	0.11	35	1739	<2	0.36	<5	14	69	<5	0.28	<10	29	220	<10	52	4
SN-06-05	34.7	37.2	2.5	18881	132	<0.2	2.18	<5	194	<0.5	<5	2.25	<1	14	55	500	4.07	<1	1.75	<10	1.65	602	135	0.1	23	1603	<2	0.13	5	11	45	5	0.24	<10	24	170	<10	50	4
SN-06-05	37.2	40.3	3.1	18882	192	<0.2	2.86	<5	142	0.5	<5	3.09	<1	14	39	572	4.11	<1	1.75	<10	1.59	677	246	0.2	30	1621	<2	0.67	<5	10	75	6	0.22	<10	33	160	<10	56	3
SN-06-05	40.3	43.2	2.9	18883	4	<0.2	2.34	<5	172	0.8	<5	5.36	<1	36	81	48	6.20	<1	0.08	28	3.20	1332	7	0.18	145	3457	<2	0.20	<5	11	315	7	0.16	<10	36	152	<10	101	17
SN-06-05	43.2	46.3	3.1	18884	37	<0.2	2.81	<5	154	0.9	<5	5.01	<1	35	78	120	6.38	<1	0.41	24	3.33	1224	16	0.2	155	3120	<2	0.22	<5	10	251	7	0.17	11	42	156	<10	99	16
SN-06-05	46.3	47.8	1.5	18885	185	<0.2	2.74	<5	226	0.8	<5	4.32	<1	22	78	274	5.23	<1	1.56	<10	1.90	1049	268	0.05	66	1751	<2	0.43	<5	6	158	5	0.23	<10	34	159	<10	67	7
SN-06-05	47.8	50.9	3.1	18886	233	<0.2	2.10	6	138	0.7	<5	4.14	<1	24	79	685	5.47	<1	1.16	<10	1.08	878	454	0.04	61	1443	<2	1.94	<5	3	143	7	0.14	<10	40	99	<10	92	4
SN-06-05	50.9	53.9	3.0	18887	146	<0.2	2.22	<5	736	<0.5	<5	2.17	<1	17	165	434	4.38	<1	1.74	<10	1.70	608	99	0.1	108	1160	<2	0.23	5	7	73	<5	0.23	<10	20	140	<10	62	4
SN-06-05	53.9	57.0	3.1	18888	61	<0.2	1.95	<5	756	<0.5	<5	2.15	<1	16	145	227	3.44	<1	1.67	<10	1.81	604	22	0.08	96	1236	<2	0.20	6	5	135	<5	0.22	<10	17	117	<10	56	3

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DDH #	From	To	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
					PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SN-06-05	57.0	60.0	3.0	18889	30	<0.2	2.50	<5	1016	<0.5	<5	2.84	<1	16	133	146	3.73	<1	2.17	<10	2.50	805	93	0.12	82	1365	<2	0.09	7	7	99	<5	0.28	<10	18	160	<10	68	4
SN-06-05	60.0	63.1	3.1	18890	78	<0.2	3.04	<5	771	<0.5	<5	3.51	<1	20	292	304	5.09	<1	2.64	<10	2.69	908	61	0.08	176	1180	<2	0.33	8	7	166	<5	0.30	<10	26	177	<10	76	5
SN-06-05	63.1	66.1	3.0	18891	67	<0.2	3.32	<5	283	0.6	<5	4.91	<1	18	309	264	4.57	<1	2.42	<10	2.24	907	67	0.14	169	1033	<2	0.30	9	6	145	<5	0.28	<10	35	162	<10	60	4
SN-06-05	66.1	69.2	3.1	18893	119	<0.2	3.69	<5	267	0.5	<5	1.76	<1	25	151	369	5.32	<1	2.90	<10	2.66	652	31	0.12	110	1207	<2	0.39	8	6	58	<5	0.28	<10	18	150	<10	71	4
SN-06-05	69.2	72.2	3.0	18894	82	<0.2	2.51	<5	260	<0.5	<5	1.82	<1	20	90	235	4.28	<1	2.08	<10	1.75	584	31	0.08	63	1268	<2	0.42	5	7	79	<5	0.28	<10	20	150	<10	68	4
SN-06-05	72.2	75.3	3.1	18895	2417	<0.2	2.73	<5	187	0.5	<5	4.19	3	17	76	355	5.19	<1	1.87	<10	1.78	823	47	0.09	69	1145	29	2.44	<5	4	83	<5	0.19	<10	36	110	<10	386	4
SN-06-05	75.3	78.3	3.0	18896	159	<0.2	2.78	<5	127	0.5	<5	2.62	<1	18	176	186	4.77	<1	1.95	<10	1.76	578	29	0.08	94	1251	<2	0.74	7	4	39	<5	0.23	<10	26	131	<10	73	4
SN-06-05	78.3	81.4	3.1	18897	103	<0.2	3.46	<5	219	<0.5	<5	1.48	<1	26	262	486	6.68	<1	2.93	<10	2.59	562	65	0.07	132	1048	<2	0.53	7	4	38	<5	0.27	<10	27	145	<10	58	5
SN-06-05	81.4	84.4	3.0	18898	41	<0.2	3.21	<5	594	<0.5	<5	3.15	<1	20	243	218	5.19	<1	2.83	<10	2.80	780	21	0.06	150	1113	<2	0.15	9	6	112	<5	0.29	<10	30	149	<10	65	4
SN-06-05	84.4	87.5	3.1	18900	42	<0.2	2.99	7	571	<0.5	<5	2.46	<1	20	207	170	4.99	<1	2.70	<10	2.66	747	54	0.08	136	1200	<2	0.07	7	8	51	<5	0.30	<10	19	157	<10	66	5
SN-06-05	87.5	90.5	3.0	18901	24	<0.2	3.08	<5	484	<0.5	<5	1.80	<1	18	213	171	5.31	<1	2.81	<10	2.78	707	32	0.08	125	1096	<2	0.05	8	7	56	<5	0.30	<10	16	153	<10	65	4
SN-06-05	90.5	93.6	3.1	18902	54	<0.2	2.60	<5	169	<0.5	<5	1.91	<1	20	141	319	6.07	<1	2.32	<10	1.88	581	26	0.05	96	1240	<2	0.31	5	5	46	<5	0.28	<10	34	145	<10	72	5
SN-06-05	93.6	96.6	3.0	18903	271	<0.2	3.53	<5	236	<0.5	<5	0.55	<1	33	162	1744	9.67	<1	3.15	<10	2.62	480	123	0.06	101	1177	4	1.07	<5	6	24	<5	0.29	<10	37	173	14	57	7
SN-06-05	96.6	99.7	3.1	18904d	163	<0.2	3.07	<5	202.5	<0.5	<5	1.23	<1	26.5	151.5	1031.5	7.87	<1	2.74	<10	2.25	530.5	74.5	0.055	98.5	1208.5	<2	0.69	<5	6	35	<5	0.29	<10	35.5	159	<10	65	6
SN-06-05	99.7	102.7	3.0	18906	45	<0.2	2.48	<5	177	<0.5	<5	1.77	<1	20	64	237	5.01	<1	2.22	<10	1.73	625	55	0.08	43	1603	<2	0.18	<5	8	50	<5	0.28	<10	26	169	<10	69	4
SN-06-05	102.7	105.5	2.8	18907	40	<0.2	2.46	<5	134	0.5	<5	1.96	<1	25	109	231	5.40	<1	1.73	11	2.12	675	54	0.12	61	1695	<2	0.30	5	9	90	<5	0.32	<10	28	164	<10	79	14
SN-06-05	105.5	108.5	3.0	18908	83	<0.2	2.87	<5	156	0.6	<5	1.61	<1	31	73	461	6.51	<1	1.98	11	2.41	735	61	0.11	68	1780	2	0.39	<5	8	74	<5	0.35	<10	26	157	<10	81	18
SN-06-05	108.5	111.6	3.1	18909	33	<0.2	2.14	<5	157	<0.5	<5	2.53	<1	19	151	224	5.10	<1	1.91	<10	1.51	659	120	0.07	65	1366	<2	0.17	<5	8	54	6	0.25	<10	32	164	<10	62	4
SN-06-05	111.6	114.6	3.0	18910	44	<0.2	2.50	<5	154	<0.5	<5	1.79	<1	21	76	356	5.21	<1	2.20	<10	1.70	627	64	0.07	48	1299	<2	0.22	<5	7	47	<5	0.28	<10	27	152	<10	75	4
SN-06-05	114.6	117.3	2.7	18911	69	<0.2	2.54	<5	153	<0.5	<5	1.25	<1	22	99	503	5.88	<1	2.18	<10	1.76	508	76	0.07	48	1166	<2	0.44	<5	5	50	<5	0.24	<10	31	129	<10	62	5
SN-06-05	117.3	121.0	3.7	18913	56	<0.2	1.88	10	97	<0.5	<5	2.28	<1	13	85	247	3.46	<1	1.60	<10	1.46	582	56	0.05	40	1186	<2	0.47	<5	7	60	<5	0.19	<10	21	117	<10	57	3
SN-06-05	121.0	124.1	3.1	18914	34	<0.2	2.02	<5	214	<0.5	<5	1.92	<1	15	73	199	3.23	<1	1.80	<10	1.63	626	45	0.08	34	1242	<2	0.24	<5	9	58	<5	0.23	<10	15	122	<10	66	3
SN-06-05	124.1	127.1	3.0	18915	30	<0.2	1.80	<5	215	<0.5	<5	1.70	<1	13	64	153	2.81	<1	1.57	10	1.39	530	26	0.07	27	923	<2	0.10	<5	10	63	<5	0.23	<10	14	91	<10	58	3
SN-06-05	127.1	130.1	3.0	18916	62	<0.2	2.39	<5	255	<0.5	<5	2.68	<1	18	68	255	4.72	<1	2.17	10	1.70	777	27	0.08	34	1516	<2	0.36	5	11	99	<5	0.30	<10	27	194	<10	67	4
SN-06-05	130.1	133.2	3.1	18917	36	<0.2	1.60	<5	196	<0.5	<5	3.12	<1	15	52	168	3.57	<1	1.42	10	1.09	578	32	0.06	26	1471	<2	0.26	<5	8	165	<5	0.21	<10	29	129	<10	50	3
SN-06-05	133.2	136.2	3.0	18918	190	<0.2	1.79	<5	130	<0.5	<5	2.69	<1	15	70	349	4.10	<1	1.53	12	1.18	583	58	0.06	25	1494	2	0.45	<5	7	157	5	0.22	<10	30	142	<10	54	3
SN-06-05	136.2	139.3	3.1	18919	41	<0.2	1.81	<5	141	<0.5	<5	1.40	<1	13	44	245	2.98	<1	1.54	13	1.39	471	36	0.08	17	1225	<2	0.09	<5	7	52	6	0.20	<10	17	106	<10	55	3
SN-06-05	139.3	142.3	3.0	18920	156	<0.2	1.81	<5	112	<0.5	<5	1.60	<1	17	49	410	3.72	<1	1.49	13	1.30	494	40	0.09	25	1343	2	0.32	<5	8	54	6	0.21	<10	24	135	<10	58	3
SN-06-05	142.3	145.0	2.7	18921	82	<0.2	1.67	<5	101	<0.5	<5	1.85	<1	12	52	179	3.49	<1	1.44	10	1.14	554	46	0.07	19	1310	<2	0.50	<5	7	47	<5	0.22	<10	21	126	<10	51	3
SN-06-05	145.0	148.2	3.2	18922d	119	<0.2	1.74	<5	106.5	<0.5	<5	1.73	<1	14.5	50.5	294.5	3.61	<1	1.47	11.5	1.22	524	43	0.08	22	1326.5	<2	0.41	<5	8	51	<5	0.22	11	22.5	130.5	<10	55	3
SN-06-05	148.2	150.7	2.5	18924	46	<0.2	2.32	<5	174	0.5	<5	2.02	<1	20	58	230	4.82	<1	1.95	10	1.78	724	38	0.08	32	1647	<2	0.11	<5	11	59	<5	0.28	<10	24	177	<10	69	5
SN-06-05	150.7	154.0	3.3	18925	31	<0.2	2.32	<5	100	1.1	<5	5.56	<1	36	55	119	5.78	<1	0.41	28	2.28	1232	8	0.16	124	3031	3	0.26	<5	11	227	<5	0.27	<10	36	137	<10	105	19
SN-06-05	154.0	156.0	2.0	18926	33	<0.2	1.21	<5	88	<0.5	<5	3.75	<1	11	36	152	3.66	<1	0.98	10	0.80	785	32	0.05	19	1540	<2	0.12	<5	6	91	6	0.15	<10	28	126	<10	36	3
SN-06-05	156.0	157.9	1.9	18927	59	<0.2	1.35	<5	260	<0.5	<5	2.57	<1	15	71	306	4.70	<1	1.07	<10	0.86	594	55	0.06	31	1657	7	0.27	<5	8	72	6	0.18	<10	35	151	<10	55	4
SN-06-05	157.9	159.3	1.4	18928	20	<0.2	0.33	<5	53	<0.5	<5	4.38	<1	5	118	41	1.57	<1	0.15	<10	0.17	593	10	0.03	9	299	3	0.27	<5	1	270	5	0.02	<10	32	30	<10	12	2
SN-06-05	159.3	161.4	2.1	18929	41	<0.2	0.76	<5	70	<0.5	<5	3.05	<1	9	91	56	2.25	<1	0.39	<10	0.44	465	16	0.05	12	856	<2	0.48	<5	2	210	5	0.05	<10	28	49	<10	28	2
SN-06-05	161.4	163.7	2.3	18930	158	<0.2	1.27	<5	99	<0.5	<5	2.05	<1	18	64	812	4.85	<1	0.99	<10	0.89	537	16	0.06	26	792	3	0.51	<5	5	93	5	0.16	<10	31	75	<10	60	4
SN-06-05	163.7	166.7	3.0	18931	20	<0.2	1.31	<5	116	<0.5	<5	2.14	<1	9	36	82	2.58	<1	1.04	<10	0.94	521	9	0.08	15	1489	<2	0.09	<5	6	79	5	0.17	<10	23	97	<10	49	3
SN-06-05	166.7	169.8	3.1	18933	14	<0.2	1.91	<5	101	<0.5	<5	3.49	<1	12	60	86	3.29	<1	1.55	<10	1.55	879	14	0.09	30	1744	<2	0.04	<5	6	108	5	0.23	<10	22	151	<10	56	3
SN-06-05	169.8	172.8	3.0	18934	34	<0.2	1.78	<5	73	<0.5	<5	4.86	<1	11	57	93	3.64	<1	1.49	<10	1.33	1025	8	0.08	20	1783	<2	0.87	<5	8	83	6	0.24	<10	27	177	<10	45	3
SN-06-05	172.8	175.9	3.1	18935	292	<0.2	2.45	<5	135	<0.5	<5	2.86	<1	16	74	493	4.92	<1	2.09	<10	2.11	861	37	0.08	26	1472	<2	0.75	<5	6	105	<5	0.25	<10	26	164	<10	85	5
SN-06-05	175.9	178.9	3.0	18936	264	<0.2	1.63	<5	87	<0.5	<5	2.42	<1	15	58	195	3.05	<1	1.33	<10	1.35	611	54	0.07	32	1512	<2	0.40	<5	7	72	<5	0.19	<10	20	134	<10	55	5
SN-06-05	178.9	182.0	3.1	18937	71	<0.2	1.85	<5	103	<0.5	<5	2.43	<1	16	81	371	3.59	<1	1.63	<10	1.49	660	88	0.08	30	1596	<2	0.50	<5	7	93	5	0.22	<10	23	149	<10	56	4
SN-06-05	182.0	185.0	3.0	18938d	168	<0.2	1.74	<5	95	<0.5	<5	2.43	<1	15.5	69.5	283	3.32	<1	1.48	<10	1.42	635.5	71	0.075	31	1554	<2	0.45	<5	7	83	<5	0.21	<10	21.5	141.5	<10	56	4.5
SN-06-05	185.0	188.1	3.1	18940	71	<0.2	2.00	<5	176	<0.5	<5	2.65	<1	16	55	277	4.22	<1	1.58	<10	1.22	600	115	0.09	25	1499	<2	0.76	<5	8	165	5	0.24	<10	27	157	<10	74	3
SN-06-05	188.1	191.1	3.0	18941	95	<0.2	2.00	<5	191	<0.5	<5	2.45	<1	16	70	308	3.87	<1	1.70	<10	1.41	661	75	0.09	27	1487	<2	1.08	<5	10	221	5	0.26	<10	22	149	<10	54	4
SN-06-05	191.1	191.9	0.8	18942	88	<0.2	3.76	<5	198	1.1	<5	3.79	<1	18	64	324	3.82	<1	1.70	<10	1.29	685	50	0.14	31	1553	<2	0.65	5	6	421	6	0.25	10	31	129	<10	64	3
SN-06-05	191.9	194.2	2.3	18943	210	<0.2	3.83	<5	149	1.3	<5	6.46	<1	17	170	180	3.54	<1	1.65	<10	1.37	1353	139	0.05	69	1320	<2	0.60	5	4	433	7	0.24	<10	33	125	<10	79	3
SN-06-05	194.2	197.2	3.0	18944	36	<0.2	3.68	<5	145	1.1	<5	5.45	<1	16	110	134	3.53	<1	1.88	<10	1.66	1114	104	0.12	57	1389	<2	0.39	5	7	151	7	0.24	<10	30	137	<10	61	3
SN-06-05	197.2	200.3	3.1	18946	28	<0.2	2.90	<5	595	<0.5	<5	3.30	<1	23	235	191	5.70	<1	2.53	<10	2.42	929	57	0.08	116	1413	<2	0.52	7	10	72	7	0.31	<10	39	215	<10	61	4
SN-06-05	200.3	203.3	3.0	18947	89	<0.2	2.29	<5	311	<0.5	<5	2.34	<1	23	80	297	5.27	<1	1.82	<10	2.04	692	27	0.07	48	1847	<2	0.55	<5	8	204	6	0.22	<10	31	174	<10	65	4
SN-06-05	203.3	206.3	3.0	18948	63	<0.2	2.29	<5	196	<0.5	<5	2.31	<1	19	128	265	4.49	<1	2.01	<10	2.08	684	39	0.08	68	1352	<2	0.36	<5	7	94	5	0.23	<10	25	153	<10	58	4

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APPENDIX C

Analytical Results of Blanks

DDH #	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
			PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	Blank	18596	<1	<0.2	0.98	<5	197	<0.5	<5	0.7	<1	9	185	4	2	<1	0.39	<10	0.6	532	<2	0.05	11	811	3	0.02	6	2	68	6	0.13	<10	<10	39	<10	48	2
	Blank	18633	<1	<0.2	0.93	<5	203	<0.5	<5	0.61	<1	9	157	<1	1.92	1	0.39	<10	0.61	523	<2	0.05	10	866	6	0.02	5	1	67	9	0.11	<10	23	37	<10	49	2
	Blank	18685	<1	<0.2	0.96	<5	186	<0.5	<5	0.68	<1	9	176	2	1.91	<1	0.36	<10	0.59	516	<2	0.05	10	799	6	0.01	5	2	66	8	0.12	<10	20	38	<10	48	2
	Blank	18738	8	<0.2	0.86	<5	183	<0.5	<5	0.59	<1	8	144	14	1.76	<1	0.37	<10	0.57	494	4	0.05	10	807	5	0.02	<5	1	57	<5	0.1	<10	<10	34	<10	46	2
	Blank	18751	6	<0.2	0.99	<5	201	<0.5	<5	0.67	<1	9	163	3	1.97	<1	0.39	<10	0.62	541	3	0.05	10	880	7	0.01	5	2	66	9	0.12	<10	22	39	<10	50	2
SN-06-04	Blank	18806	3	<0.2	1.01	<5	194	<0.5	<5	0.72	<1	9	183	2	2.08	<1	0.38	<10	0.6	548	<2	0.06	11	809	8	0.01	<5	2	68	<5	0.12	<10	<10	41	<10	53	2
SN-06-04	Blank	18825	6	<0.2	1.05	<5	203	<0.5	<5	0.76	<1	10	198	2	2.19	<1	0.39	<10	0.63	569	2	0.06	12	848	5	0.01	5	2	72	5	0.13	<10	<10	43	<10	52	2
SN-06-04	Blank	18870	<1	<0.2	0.89	<5	189	<0.5	<5	0.63	<1	9	171	<1	2.02	<1	0.37	<10	0.57	519	<2	0.05	10	776	7	<0.01	<5	2	62	<5	0.11	<10	<10	40	<10	47	2
SN-06-05	Blank	18892	4	<0.2	0.99	<5	197	<0.5	<5	0.74	<1	9	184	1	2.04	<1	0.4	<10	0.6	538	2	0.06	12	841	5	<0.01	<5	2	65	<5	0.12	<10	<10	42	<10	51	2
SN-06-05	Blank	18945	<1	<0.2	1.57	<5	261	0.6	<5	1.02	<1	10	383	7	2.42	<1	0.6	10	0.63	612	5	0.23	18	786	8	0.01	8	3	125	6	0.14	<10	11	46	<10	54	4

APPENDIX D **Analytical Results of Standards**

DDH #	Standard Identifier	Sample Number	Au PPB	ICP Ag ppm	ICP Al %	ICP As ppm	ICP Ba ppm	ICP Be ppm	ICP Bi ppm	ICP Ca %	ICP Cd ppm	ICP Co ppm	ICP Cr ppm	ICP Cu ppm	ICP Fe %	ICP Hg ppm	ICP K %	ICP La ppm	ICP Mg %	ICP Mn ppm	ICP Mo ppm	ICP Na %	ICP Ni ppm	ICP P ppm	ICP Pb ppm	ICP S %	ICP Sb ppm	ICP Sc ppm	ICP Sr ppm	ICP Th ppm	ICP Ti %	ICP Tl ppm	ICP U ppm	ICP V ppm	ICP W ppm	ICP Zn ppm	ICP Zr ppm
	Au5	18516	1502	2.3	1.13	>10000	27	<0.5	8	5.7	383	228	24	607	3.81	<1	0.07	<10	0.26	541	42	0.13	40	1315	35	1.62	11	1	115	7	0.04	<10	52	24	<10	129	10
	Au5	18570	1346	2.2	1.09	>10000	27	<0.5	8	5.58	383	226	22	592	3.75	<1	0.07	<10	0.26	523	41	0.13	40	1312	37	1.59	13	1	115	6	0.04	<10	51	22	<10	130	9
	Au5	18603	1346	2	0.95	>10000	28	<0.5	10	5.13	372	217	20	581	3.48	<1	0.06	<10	0.25	477	39	0.12	39	1235	34	1.55	12	<1	105	<5	0.03	<10	41	20	<10	124	8
	Au5	18720	1395	1.8	0.89	>10000	22	<0.5	9	4.93	297	205	18	544	3.37	<1	0.05	<10	0.22	451	37	0.11	36	1159	33	1.43	8	<1	98	<5	0.02	<10	30	18	<10	116	7
	Au5	18759	1443	2.3	1.1	>10000	26	<0.5	8	5.45	307	213	21	568	3.71	<1	0.08	<10	0.26	515	40	0.13	38	1261	35	1.47	10	1	111	9	0.04	<10	63	24	<10	121	9
SN-06-04	Au5	18856	1320	0.7	1.07	>10000	40	<0.5	8	5.25	117	213	35	561	3.59	<1	0.09	<10	0.28	512	38	0.14	40	1163	37	1.48	11	1	112	5	0.04	<10	49	25	<10	122	8
SN-06-05	Au5	18899	1392	1	1.07	>10000	29	<0.5	8	5.31	147	213	21	560	3.51	<1	0.07	<10	0.26	512	36	0.12	39	1196	36	1.48	11	1	106	<5	0.04	<10	35	26	<10	125	9
SN-06-05	Au5	18912	1402	0.6	0.93	>10000	24	<0.5	6	5.1	112	203	18	550	3.49	<1	0.06	<10	0.23	471	35	0.11	37	1122	34	1.4	10	1	97	<5	0.02	<10	42	20	<10	116	7
	ICP Std	18531	58	0.3	1.51	59	150	0.5	<5	4.16	2	87	168	1178	5.89	<1	0.19	18	1.5	1729	12	0.02	101	1243	63	2.04	<5	6	461	10	0.01	<10	21	108	<10	310	12
	ICP Std	18575	76	0.5	1.63	64	169	0.5	<5	4.31	2	92	180	1279	6.36	<1	0.22	20	1.65	1805	10	0.03	109	1217	62	2.15	<5	7	501	10	0.02	<10	17	116	<10	331	12
	ICP Std	18610	70	<0.2	1.53	59	147	0.5	<5	4.16	2	89	167	1217	6	<1	0.19	18	1.51	1759	11	0.02	102	1190	57	2.1	<5	6	439	<5	0.01	<10	<10	108	<10	307	11
	ICP Std	18664	63	0.3	1.47	53	112	<0.5	<5	4.03	2	84	160	1179	5.83	<1	0.18	18	1.47	1721	10	0.02	98	1129	58	2.03	<5	6	468	<5	<0.01	<10	<10	102	<10	294	10
	ICP Std	18705	66	0.3	1.39	54	140	<0.5	<5	4	2	81	153	1173	5.67	<1	0.16	18	1.41	1692	11	0.02	95	1163	60	2	<5	6	431	7	0.01	<10	11	100	<10	292	10
	ICP Std	18743	70	0.2	1.51	57	142	<0.5	<5	4.08	2	85	165	1196	5.97	<1	0.2	18	1.48	1703	12	0.02	98	1167	56	1.98	<5	6	472	<5	0.02	<10	14	108	<10	295	12
	ICP Std	18784	70	0.5	1.54	53	156	<0.5	<5	4.15	2	84	158	1217	5.92	<1	0.19	18	1.52	1757	11	0.02	98	1166	63	2.04	<5	6	445	5	0.01	<10	16	104	<10	309	11
SN-06-04	ICP STD	18813	62	<0.2	1.63	57	103	0.5	<5	4.28	2	88	174	1256	6.3	<1	0.21	18	1.58	1786	11	0.03	104	1174	62	2.04	<5	7	517	5	0.02	<10	<10	112	<10	312	12
SN-06-04	ICP STD	18836	62	<0.2	1.52	60	136	0.5	<5	4.11	1	86	171	1211	5.95	<1	0.19	18	1.51	1724	11	0.02	102	1180	62	2	<5	7	442	<5	0.01	<10	16	112	<10	305	11
SN-06-05	ICP STD	18932	22	<0.2	2.43	57	160	0.8	<5	4.19	1	90	238	1212	6.43	<1	0.64	19	1.65	1772	11	0.09	106	1158	61	2.08	<5	8	533	8	0.02	<10	22	142	<10	322	16
	Au Ag 5	18536	3458	>200.0	1.3	381	114	<0.5	<5	0.72	20	15	103	1650	2.95	<1	0.24	<10	0.89	387	38	0.11	38	639	716	0.65	12	2	53	8	0.09	<10	16	56	<10	375	5
	Au Ag 5	18552	3440	>200.0	1.44	384	120	<0.5	<5	0.84	20	16	114	1665	3.03	<1	0.25	<10	0.92	400	37	0.13	39	614	701	0.65	13	2	61	6	0.11	<10	25	61	<10	385	6
	Au Ag 5	18624	3260	>200.0	1.31	368	112	<0.5	<5	0.73	19	15	112	1562	2.92	<1	0.24	<10	0.85	369	36	0.12	37	596	673	0.61	11	2	56	8	0.1	10	19	58	<10	361	5
	Au Ag 5	18641	3440	>200.0	1.31	371	122	<0.5	<5	0.7	19	15	102	1608	2.96	1	0.27	<10	0.88	378	35	0.11	36	640	693	0.62	9	2	57	10	0.09	<10	26	57	<10	372	5
	Au Ag 5	18681	3418	>200.0	1.35	353	115	<0.5	<5	0.77	18	15	106	1589	2.95	<1	0.25	<10	0.89	385	35	0.12	39	577	679	0.62	8	2	55	8	0.1	<10	28	58	<10	361	5
	Au Ag 5	18753	3402	>200.0	1.35	362	115	<0.5	<5	0.75	17	15	105	1575	2.95	<1	0.25	<10	0.88	377	36	0.12	37	614	666	0.61	11	2	55	7	0.1	<10	23	59	<10	358	5
	Au Ag 5	18765	3296	>200.0	1.34	372	117	<0.5	<5	0.74	18	15	105	1596	3	<1	0.25	<10	0.89	382	37	0.12	40	620	692	0.62	9	2	56	9	0.1	<10	24	59	<10	367	5
SN-06-04	AuAg5	18817	3321	>200.0	1.57	338	126	<0.5	<5	0.99	16	15	115	1595	3.01	<1	0.25	<10	0.91	410	36	0.16	39	568	659	0.62	8	3	68	<5	0.12	<10	<10	64	<10	358	6
SN-06-04	AuAg5	18840	3384	>200.0	1.2	345	109	<0.5	<5	0.66	12	14	97	1587	2.8	<1	0.23	<10	0.83	358	34	0.11	37	590	671	0.62	8	2	45	<5	0.08	<10	<10	56	<10	357	4
SN-06-05	AuAg5	18876	3064	>200.0	1.19	331	108	<0.5	<5	0.65	12	14	97	1585	2.78	<1	0.23	<10	0.82	356	33	0.11	37	566	670	0.61	6	2	47	<5	0.08	<10	10	55	<10	360	4

D. G. DuPre

APPENDIX E **Analytical Results of Duplicates**

DDH #	From	To	Interval	Sample Name	Au	ICP Ag	ICP Al	ICP As	ICP Ba	ICP Be	ICP Bi	ICP Ca	ICP Cd	ICP Co	ICP Cr	ICP Cu	ICP Fe	ICP Hg	ICP K	ICP La	ICP Mg	ICP Mn	ICP Mo	ICP Na	ICP Ni	ICP P	ICP Pb	ICP S	ICP Sb	ICP Sc	ICP Sr	ICP Th	ICP Ti	ICP Tl	ICP U	ICP V	ICP W	ICP Zn	ICP Zr
					PPB	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SN-06-01	88.4	91.4	3.0	18547	49	0.8	2.79	<5	79	0.9	<5	3.76	<1	19	74	440	4.05	<1	1.44	<10	1.49	1294	23	0.04	61	1095	<2	1.48	7	1	67	10	0.16	<10	13	96	<10	130	3
SN-06-01	88.4	91.4	3.0	18548	48	1.0	2.83	5	81	0.9	<5	3.93	<1	21	93	493	4.15	<1	1.46	<10	1.49	1289	24	0.04	68	1183	<2	1.67	6	1	68	11	0.16	<10	25	87	<10	129	4
SN-06-01	88.4	91.4	3.0	18547d	49	0.9	2.81	5	80	0.9	<5	3.85	<1	20	84	467	4.10	<1	1.45	<10	1.49	1292	24	0.04	65	1139	<2	1.58	7	1	68	11	0.16	<10	19	92	<10	130	4
SN-06-01	131.4	134.1	2.7	18577	322	1.0	2.62	<5	68	<0.5	<5	2.71	<1	44	54	1433	8.65	<1	2.36	<10	2.49	756	49	0.08	23	1661	<2	>5.00	<5	14	54	<5	0.31	<10	36	247	22	59	7
SN-06-01	131.4	134.1	2.7	18578	234	0.7	2.68	<5	84	<0.5	<5	2.44	<1	39	63	1144	8.18	<1	2.42	<10	2.50	728	43	0.09	23	1732	<2	4.47	5	15	49	<5	0.33	<10	26	262	16	59	6
SN-06-01	131.4	134.1	2.7	18577d	278	0.9	2.65	<5	76	<0.5	<5	2.58	<1	42	59	1289	8.42	<1	2.39	<10	2.50	742	46	0.09	23	1697	<2	4.47	5	15	52	<5	0.32	<10	31	255	19	59	7
SN-06-01	175.5	178.6	3.1	18593	227	<0.2	3.10	23	70	0.6	<5	4.32	<1	30	66	677	7.56	<1	1.99	<10	1.50	1108	12	0.19	38	1587	<2	3.01	9	6	235	<5	0.28	<10	36	215	<10	63	6
SN-06-01	175.5	178.6	3.1	18594	227	<0.2	3.41	23	62	0.6	<5	4.20	<1	36	60	502	8.48	<1	2.21	<10	1.67	1129	17	0.21	41	1638	<2	3.80	9	8	176	<5	0.32	<10	37	236	<10	69	6
SN-06-01	175.5	178.6	3.1	18593d	227	<0.2	3.26	23	66	0.6	<5	4.26	<1	33	63	590	8.02	<1	2.10	<10	1.59	1119	15	0.20	40	1613	<2	3.41	9	7	206	<5	0.30	<10	37	226	<10	66	6
SN-06-02	129.2	129.8	0.6	18660	243	0.6	1.84	<5	134	<0.5	<5	2.16	<1	36	45	1341	5.16	<1	1.56	<10	1.39	518	224	0.07	28	1576	<2	2.59	<5	3	36	<5	0.17	<10	20	88	<10	74	4
SN-06-02	129.2	129.8	0.6	18661	242	0.6	1.89	<5	148	<0.5	<5	2.71	<1	40	59	1360	5.27	<1	1.61	<10	1.43	579	179	0.06	30	1547	<2	2.57	<5	3	41	<5	0.17	<10	24	87	<10	71	4
SN-06-02	129.2	129.8	0.6	18660d	243	0.6	1.87	<5	141	<0.5	<5	2.44	<1	38	52	1351	5.22	<1	1.59	<10	1.41	549	202	0.07	29	1562	<2	2.58	<5	3	39	<5	0.17	<10	22	88	<10	73	4
SN-06-02	163.4	166.4	3.0	18676	389	1.3	1.96	6	152	<0.5	<5	2.80	<1	18	76	1184	4.88	<1	1.49	<10	1.85	555	45	0.10	41	1890	<2	0.78	6	6	125	12	0.23	<10	56	173	18	44	4
SN-06-02	163.4	166.4	3.0	18677	505	1.1	1.86	<5	152	<0.5	<5	2.81	<1	17	88	1039	4.73	<1	1.40	<10	1.74	537	34	0.10	39	1889	<2	0.68	5	5	132	11	0.22	15	58	174	15	40	4
SN-06-02	163.4	166.4	3.0	18676d	447	1.2	1.91	5	152	<0.5	<5	2.81	<1	18	82	1112	4.81	<1	1.45	<10	1.80	546	40	0.10	40	1890	<2	0.73	6	6	129	12	0.23	10	57	174	17	42	4
SN-06-03	35.4	38.4	3.0	18710	435	0.8	3.34	<5	89	1.0	<5	2.51	<1	21	29	1309	4.44	<1	1.78	<10	1.55	618	295	0.17	32	1920	<2	1.39	<5	3	168	6	0.19	<10	30	91	<10	60	3
SN-06-03	35.4	38.4	3.0	18711	447	1.0	3.18	<5	86	0.8	<5	2.98	<1	22	41	1497	4.51	<1	1.69	<10	1.48	691	366	0.15	32	1823	<2	1.58	<5	3	171	8	0.18	<10	34	90	<10	57	3
SN-06-03	35.4	38.4	3.0	18710d	441	0.9	3.26	<5	88	0.9	<5	2.75	<1	22	35	1403	4.48	<1	1.74	<10	1.52	655	331	0.16	32	1872	<2	1.49	<5	3	170	7	0.19	<10	32	91	<10	59	3
SN-06-03	78.0	81.1	3.1	18728	223	<0.2	3.12	<5	175	<0.5	<5	3.02	<1	29	62	1295	7.35	<1	2.48	<10	2.13	812	178	0.14	29	1659	<2	2.36	<5	14	81	<5	0.30	<10	29	236	13	52	5
SN-06-03	78.0	81.1	3.1	18729	207	<0.2	3.04	<5	166	<0.5	<5	3.01	<1	32	61	1199	7.75	<1	2.40	<10	2.06	804	175	0.15	30	1643	<2	2.76	<5	13	79	<5	0.29	10	35	236	13	50	6
SN-06-03	78.0	81.1	3.1	18728d	215	<0.2	3.08	<5	171	<0.5	<5	3.02	<1	31	62	1247	7.55	<1	2.44	<10	2.10	808	177	0.15	30	1651	<2	2.56	<5	14	80	<5	0.30	<10	32	236	13	51	6
SN-06-03	189.9	193.8	3.9	18773	231	0.3	3.32	<5	246	<0.5	<5	2.93	<1	27	248	518	6.40	<1	2.98	<10	2.68	1011	42	0.06	150	1358	<2	1.62	12	11	182	10	0.34	<10	49	190	<10	236	5
SN-06-03	189.9	193.8	3.9	18774	163	0.4	3.27	<5	270	<0.5	<5	2.57	<1	26	241	580	5.98	<1	2.96	<10	2.67	952	53	0.06	143	1324	<2	1.11	11	10	155	8	0.33	<10	43	187	<10	229	4
SN-06-03	189.9	193.8	3.9	18773d	197	0.4	3.30	<5	258	<0.5	<5	2.75	<1	27	245	549	6.19	<1	2.97	<10	2.68	982	48	0.06	147	1341	<2	1.37	12	11	169	9	0.34	<10	46	189	<10	233	5
SN-06-04	105.5	108.5	3.0	18819	148	0.2	1.96	<5	355	<0.5	<5	3.68	<1	15	57	706	4.08	<1	0.80	12	1.73	717	34	0.06	34	1754	<2	0.70	<5	7	399	<5	0.08	<10	29	142	<10	55	3
SN-06-04	105.5	108.5	3.0	18820	497	<0.2	2.08	<5	282	<0.5	<5	3.85	<1	16	65	697	4.45	<1	0.76	11	1.87	764	30	0.06	38	1631	<2	0.87	<5	8	3088	<5	0.08	<10	28	158	<10	60	3
SN-06-04	105.5	108.5	3.0	18819d	323	0.2	2.02	<5	319	<0.5	<5	3.77	<1	16	61	702	4.27	<1	0.78	12	1.80	741	32	0.06	36	1693	<2	0.79	<5	8	1744	<5	0.08	<10	29	150	<10	58	3
SN-06-04	178.6	181.7	3.1	18847	252	<0.2	3.62	6	186	1.2	<5	6.09	<1	29	143	894	5.80	<1	1.51	<10	1.16	1180	100	0.14	105	1163	<2	1.59	<5	5	234	<5	0.22	<10	33	135	<10	48	4
SN-06-04	178.6	181.7	3.1	18848	248	<0.2	3.72	7	186	1.3	<5	6.28	<1	25	119	828	5.89	<1	1.50	<10	1.18	1208	100	0.15	88	1211	<2	1.45	<5	5	222	<5	0.22	<10	41	139	<10	47	4
SN-06-04	178.6	181.7	3.1	18847d	250	<0.2	3.67	6.5	186	1.3	<5	6.19	<1	27	131	861	5.85	<1	1.51	<10	1.17	1194	100	0.15	97	1187	<2	1.52	<5	5	228	<5	0.22	<10	37	137	<10	48	4
SN-06-04	220.7	222.7	2.0	18864	56	<0.2	1.58	<5	106	<0.5	<5	2.31	<1	21	49	469	3.63	<1	1.07	13	1.61	618	66	0.05	31	1562	<2	0.61	<5	8	181	<5	0.14	<10	21	124	<10	52	3
SN-06-04	220.7	222.7	2.0	18865	48	<0.2	1.64	<5	153	<0.5	<5	2.58	<1	20	56	427	3.54	<1	1.11	12	1.58	641	73	0.06	27	1522	<2	0.58	<5	8	268	<5	0.14	<10	25	126	<10	51	3
SN-06-04	220.7	222.7	2.0	18864d	52	<0.2	1.61	<5	130	<0.5	<5	2.45	<1	21	53	448	3.59	<1	1.09	13	1.60	630	70	0.06	29	1542	<2	0.60	<5	8	225	<5	0.14	<10	23	125	<10	52	3
SN-06-05	96.6	99.7	3.1	18904	92	<0.2	2.85	<5	232	<0.5	<5	2.54	<1	25	190	496	6.23	<1	2.60	<10	2.15	807	85	0.06	131	1156	<2	0.31	5	7	50	<5	0.29	<10	33	173	<10	75	5
SN-06-05	96.6	99.7	3.1	18905	90	<0.2	2.88	<5	231	<0.5	<5	2.00	<1	22	188	376	5.89	<1	2.62	<10	2.17	743	115	0.08	123	1193	<2	0.20	<5	8	46	<5	0.29	<10	30	173	<10	78	5
SN-06-05	96.6	99.7	3.1	18904d	91	<0.2	2.87	<5	232	<0.5	<5	2.27	<1	24	189	436	6.06	<1	2.61	<10	2.16	775	100	0.07	127	1175	<2	0.26	<5	8	48	<5	0.29	<10	32	173	<10	77	5
SN-06-05	145.0	148.2	3.2	18922	12	<0.2	2.65	5	188	1.1	<5	5.17	<1	39	65	55	6.89	<1	0.09	30	3.65	1324	7	0.10	140	3463	4	0.25	<5	14	327	6	0.15	<10	40	163	<10	112	15
SN-06-05	145.0	148.2	3.2	18923	8	<0.2	2.59	5	201	1.1	<5	5.30	<1	39	66	46	6.83	<1	0.08	30	3.57	1349	4	0.11	145	3443	3	0.23	<5	13	369	5	0.16	12	41	161	<10	112	15
SN-06-05	145.0	148.2	3.2	18922d	10	<0.2	2.62	5	195	1.1	<5	5.24	<1	39	66	51	6.86	<1	0.09	30	3.61	1337	6	0.11	143	3453	3.5	0.24	<5	14	348	6	0.16	11	41	162	<10	112	15
SN-06-05	182.0	185.0	3.0	18938	55	<0.2	1.71	<5	122	<0.5	<5	2.50	<1	17	45	222	3.83	<1	1.49	<10	1.21	584	37	0.09	21	1676	<2	0.69	<5	8	123	<5	0.22	<10	26	149	<10	44	4
SN-06-05	182.0	185.0	3.0	18939	69	<0.2	1.76	<5	132	<0.5	<5	2.37	<1	16	48	209	3.80	<1	1.52	<10	1.23	576	31	0.10	21	1662	<2	0.64	<5	8	120	5	0.23	<10	26	150	<10	45	4
SN-06-05	182.0	185.0	3.0	18938d	62	<0.2	1.74	<5	127	<0.5	<5	2.44	<1	17	47	216	3.82	<1	1.51	<10	1.22	580	34	0.10	21	1669	<2	0.67	<5	8	122	<5	0.23	<10	26	150	<10	45	4

D. G. DuPre

APPENDIX F **Itemized Cost Statement Relating to 2006 Drilling Program**

Cost Center	Amount
Geology	$67,248.19
Expediting	$10,979.40
Room and Board	$13,080.00
Helicopter	$35,182.47
Drilling	$296,052.28
Assays	$15,676.00
Drafting	$1,208.50
TOTAL	**$439,426.84**

Geology	
DG Dupre & Associates Geologist (May 1 to September 30, 2006) 600.00/day x 7 days	4,200.00
DG Dupre & Associates Geologist October 17 to 19 2006 600.00/day x 6 days	3,600.00
DG Dupre & Associates Geologist November 7-15th 2006 600.00/day x 11 days	6,600.00
DG Dupre & Associates Geologist December , 2006 600.00/day x 8 days	4,800.00
DG Dupre & Associates Geologist January 1-31 2007 600.00/day x 9.5 days plus gst preparing drill logs, compile assays and compose report	5,700.00
DG Dupre & Associates Geologist Expenses for trip to Smithers December 12/2006	3,835.54
Burgoyne Geological Inc. October 11, 2006 retainer	1,400.00
Terraccad GIS Services and Drilling Database Management "Micromine-Gemcom" 126.5 hours services for Micromine and ArcGIS @$55.00/hr.	6,957.50
Additional copies of report printing and supplies.	485.97
Field Labour-July 13-17 2006 Building Drill Pads CJL Enterprises Ltd.	
Bruce Anderson, Crew Chief and Prospector	2,000.00
Ken Johnson, saw man 5 days @ $350.00 per day(1,750.00)	1,750.00
Victor Mowatt, helper 5 days @$275.00/day (1,375.00)	1,375.00
Riley Zalinsky, helper 5 days @$275.00/day(1,375.00).	1,375.00
3 days of Saw Costs @75.00 per day (225.00),730 km costs including fuel and insurance (350.40), Cash out of pocket for Bronson Accommodations (444.00)	1,019.40
Field Labour-September 11, 2006 Building Drill Pads CJL Enterprises Ltd.	
Pad building/12 man days@425.00/day Steve Parke and Rick Bruce	5,100.00
4-man days @ 450.00/day faller (1,800.00)	1,800.00
Oil and gas for chainsaws (250.00) 12 saw days @ 40.00/per (480.00) 1day truck and driver return Smithers Bob Quinn ($375.00), 852 km charge fuel and insurance included (408.96), Skill Horn Mill pad building supplies (1,824.00), 15% on out of pocket expenses (648.70) 1 Smithers lumber (59.92)	4,046.58
Core Splitting and Handling of Core Oct 30, 2006	
Steve Parke, core splitter 120 hrs@ $32.50/((3,900.00)	3,900.00
Jarad Cresswell, 50 hrs @ $27.50-(1,375.00)	1,375.00
Ken Johnson, move and bag core, deliver to Telkwa, 120 hrs @ $30.00 per hour	3,600.00
Construct core splitting shack at office (350,00), Use of warehouse for logging core etc (300,00), Truck to transport core samples to Telkwa(100.00) coresaw charge (250.00), 15% on out of pocket expenses (604.60), Charge for employees to unload core and organize according to hole (130.00) Martin Slootweg- Faller (593.60)	2,328.20
Geology Total	**$67,248.19**
Expediting	
November 10, 2006 Bear Creek Contracting, Expediting. 10/04/06 Propane tanks and propane (2,607.72) plus 10% expediting fee ($260.77) tax (164.47)	3,032.96
CJL Enterprises Ltd. -July 13-17 /06 16 Bronson Strip Accommodations @ $185.00 (2,960.00) per September 11/06 Bandstra freight for Drill pad lumber (987.90) October 30/06 60% of Bandstra chg freight for core from Bob Quinn (2,143.26) Fuel charges to run heaters and other misc equipment (1,886.90) 50/50 split for equipment left at site and not returned (250.00)), 5 days of Truck Costs @$100.00 per day (500.00),	7,740.16
Expediting Total	**$10,773.12**
Room and Board	
Rivers West Adventures. Lodging at Bronson Creek camp for October 2-22, 2006. 68 man days @185.00 per man day Core Monitoring 5 days@100.00/day	13,080.00
Room and Board Total	**$13,080.00**
Helicopter	
Quantum Helicopters Bob Quinn July 13-17 th 2006. 5.4 hours, fuel 900.52, GST $357.93	6,323.45
TSAYTA AVIATION Services October 20, 2006. Flight description Bronson Creek-Smithers for D.Dupre 1.6 hours, 208 miles, 936.00+ GST 56.16	992.16
Matrix Helicopters. October 12, 2006-2.2 hours- 3,207.60 Fuel 180 ltrs/hr 510.84, gst 223.11	3,941.55
Lakelse Air 1.2 hr, F450 hourly rate E0096-10/04/06 (96.00);Labour hour rate 0.3 (15.00), Diesel sales 10 drum (2,460.00); fuel drum 10 (695.50); 2 hr F450 hourly rate E0098-10/05/06 (160.00) 1.2 F450 hourly rate 10/07/06 (96.00);Labour hourly rate 0.3 (15.00);diesel sales 10 drum (2,460.00); fuel drum (695.50);taxes(396.12)	7,089.12
Matrix Helicopters, Mobilization of drill from Corey Camp during Oct 6-9, 2006 ($18,698.04), Fuel charges (2,917.98) 17.4 hours flown, Credit of 7 hours of 500Dflying from Kenrich-Eskay of $945/hr subtract(-6,615.00)	15,001.02
Quantum Helicopters September 11, 2006 (CGL invoice 1,240.00) 1.6 hours, fuel 218.88, GST 87.53	1,546.41
Total Helicopter	**$34,893.71**

Drilling and Related Expenses	
Permits and security deposit fees	20,000.00
Skyline Gold Corporation October 15, 2006 Newcastle's share of crew and equipment moves between camp and drill site. Total time 38.0 hrs, Crew moves 11.2, sling 26.8. (57,807.52) Share of equipment, materials and labour.(3,685.77) gst 4180.88	73,862.17
Skyline Gold Corporation October 10, 2006 Newcastle's share of crew and equipment moves between camp and drill site. Total time 18.6 hrs, crew moves 3.7, sling 14.9hrs.	34,131.84
Drillers Bonus as per contract: Alain Boisvert $4,000.00, CODY CAMPBELL $4,000.00 SIMON WALFORD $1,000.00 STUART LARSON $1,000.00	10,000.00
October 15, 2006 Non op man hours 18 hrs @$50.00 (900.00), Non op-machine hrs-9hrs @ $40.00 (360.00); Ofc man hours 174 hrs @ $50.00 ($8,700.00); Ofc machine hours 87 hrs @ $50.00 (4,350.00); Footage 68 ft @ $24.00 (1,632.00); 1879 ft @ $25.00 (46,975.00) Consumables & Miscellaneous Charges $26, 891.61; 15% of $26,891.61 ($4,033.75)	99,472.91
October 16-23 2006 Non op man hours 36 hrs @ 50.00 (1,800.00), Non op-machine hours 18 hrs @40.00 (720.00). Ofc man hours 108 hrs @ 50.00 (5,400.00), Ofc machine hours 54 hrs @ 50.00 (2,700.00, footage 62 ft @ 24.00 (1,488.00, 1429 ft @ 25.00 (35,725.00). DeMob 4,000.00, consumables & Miscellaneous charges 3,133.86, 15% of 3,133.86 (470.08), gst (3,338.22)	58,975.16
Total Drilling	**$296,442.08**
Drafting Services	
Terry Lee Computer Drafting Services. 32 hrs @$25.00 per hour June 15-22, 30.gst 56.10	856.00
Terry Lee 5 plots July 4 gst 2.70	47.70
Terry Lee 2.5 hrs @ $25.00 per hour August 8 and 5 plots g.s.t 6.45	113.95
Terry Lee 4 hours @ $25.00 per hour Dec 13, 14 2006 gst $6.00	106.00
Terry Lee 1 hour Feb 16 2007 consolidate all digital files g.s.t. 1.50	26.50
Terry Lee 2 hrs @ $25.00 gst 3.00	53.00
Total Drafting Services	**$1,203.15**
Assays –Assayers Canada	
December 10, 2006 195 Sample prep rock, fire geochem: gold 30g, ICP: Aqua Regia Leach.	4,923.75
December 10, 2006 110 Sample prep rock, fire geochem: gold 30g, ICP: Aqua Regia Leach.	2,777.50
December 10, 2006 sample supplies	536.60
December 12, 2006 143 Sample prep rock, fire geochem: gold 30g, ICP: Aqua Regia Leach.	3,610.75
December 17, 2006 143 Sample prep rock, fire geochem: gold 30g, ICP: Aqua Regia Leach.	3,827.40
Total Assays	**$15,676.00**

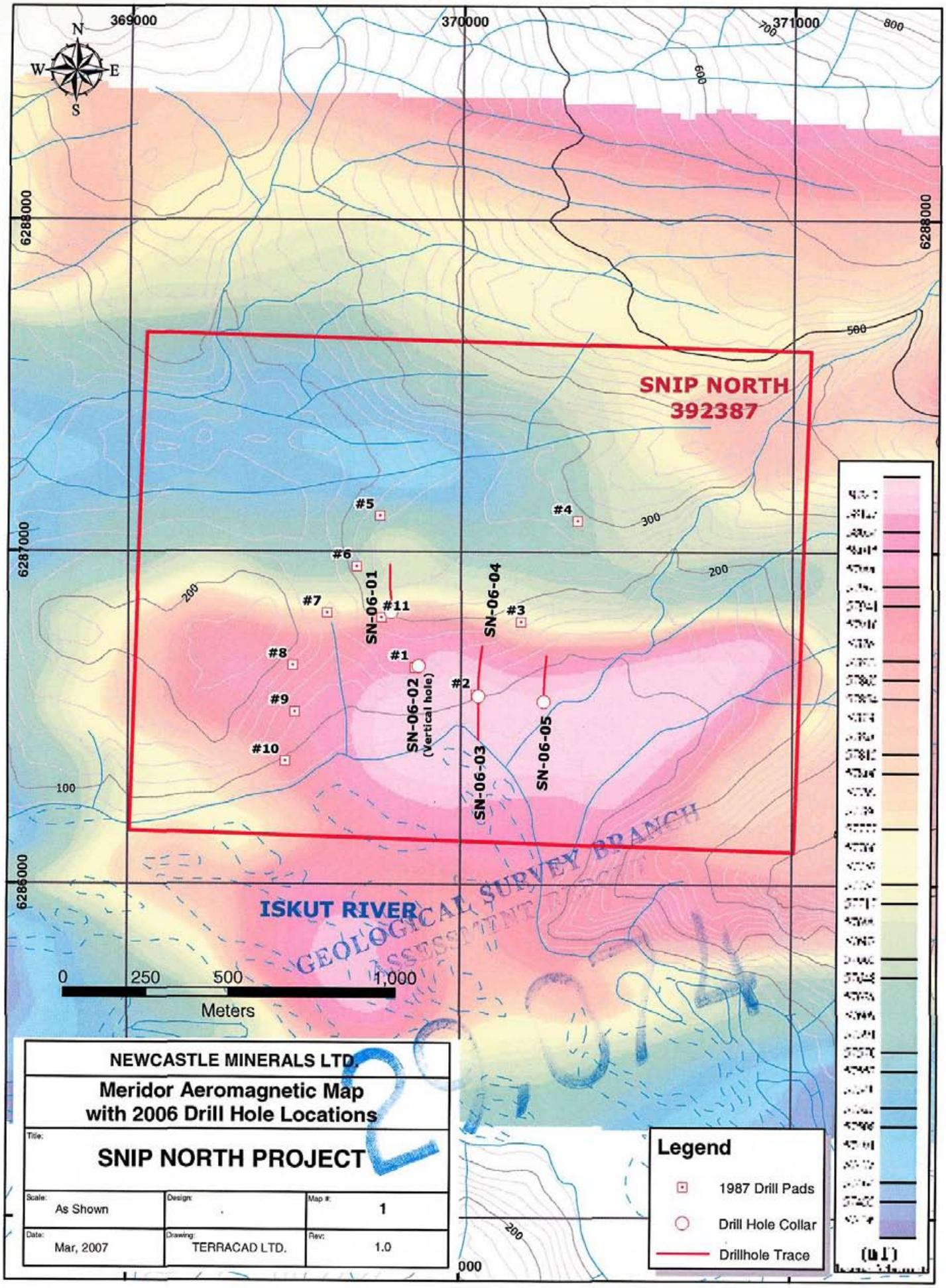
APPENDIX G Significant Assay Results From Meridor's 1988 Drilling Program

Significant Assay Results From Meridor's 1988 Drilling Program

Derived from George Cross Newsletter

Hole #	From (m)	To (m)	Interval (m)	Au (g/t)	Cu (%)	Mo (%)	Ag (g/t)
88-3	27.10	28.41	1.31	2.15	0.29		
	58.89	60.20	1.31	3.20	0.19		0.27
88-5	55.41	55.90	0.49	1.49	0.73		1.50
	92.29	94.58	2.29	1.59	0.25		
	122.41	123.99	1.58	2.49	0.75		0.44
	163.19	164.29	1.10	1.93	0.41		0.22
88-6	63.70	65.20	1.49	2.05	0.44		0.14
	67.94	70.59	2.65	16.48	0.75		0.91
	72.91	74.40	1.49	2.43	0.55		0.24
88-8	27.31	28.80	1.49	3.51	0.09		
88-10	58.31	59.01	0.70	2.67	0.20		
	14.69	15.70	1.01	1.87	0.02	0.012	
88-12	100.00	100.61	0.61	2.24	0.13		
88-13	0.00	152.10	152.10	0.40	0.13		
incl.	126.10	127.89	1.80	5.13	0.16		
88-15	53.10	57.70	4.60	0.93	0.68	0.040	
88-16	16.89	19.90	3.02	1.87	0.57	0.018	
88-17	0.00	89.00	89.00	0.75	0.1		
incl.	4.30	6.19	1.89	5.41	0.13		
incl.	22.40	25.69	3.29	3.89	0.3		
and	24.41	25.02	0.61	8.09	0.19		
88-18	0.00	146.61	146.61	0.31	0.13	0.023	
incl.	96.50	97.41	0.91	1.15	0.67	0.081	
88-26	22.65	24.38	1.74	2.64			
88-27	15.00	18.65	3.66	10.51			
	30.69	31.70	1.01	2.67			
	33.50	34.72	1.22	2.95			
88.29	30.08	30.69	0.61	4.79	0.54		
88.31	12.68	13.69	1.01	11.51	0.91		
88-33	76.54	77.05	0.52	2.49	1.03		5.3
88-35	27.46	28.07	0.61	5.16	0.3		
	36.30	37.12	0.82	3.86			

D. G. Dupre



NEWCASTLE MINERALS LTD.

Meridor Aeromagnetic Map with 2006 Drill Hole Locations

Title: **SNIP NORTH PROJECT**

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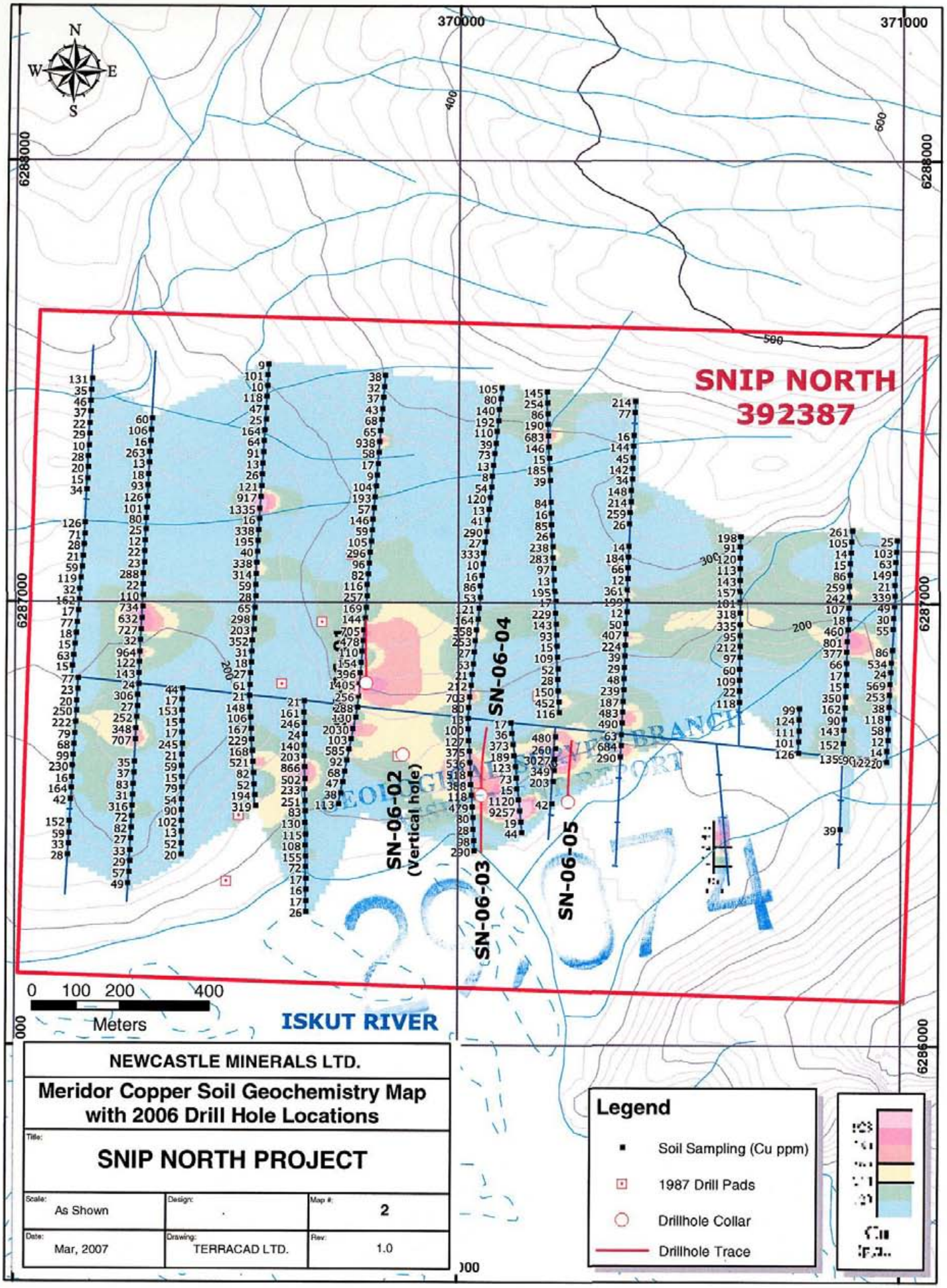
As Shown	.	1
Date:	Drawing:	Rev:
Mar, 2007	TERRACAD LTD.	1.0



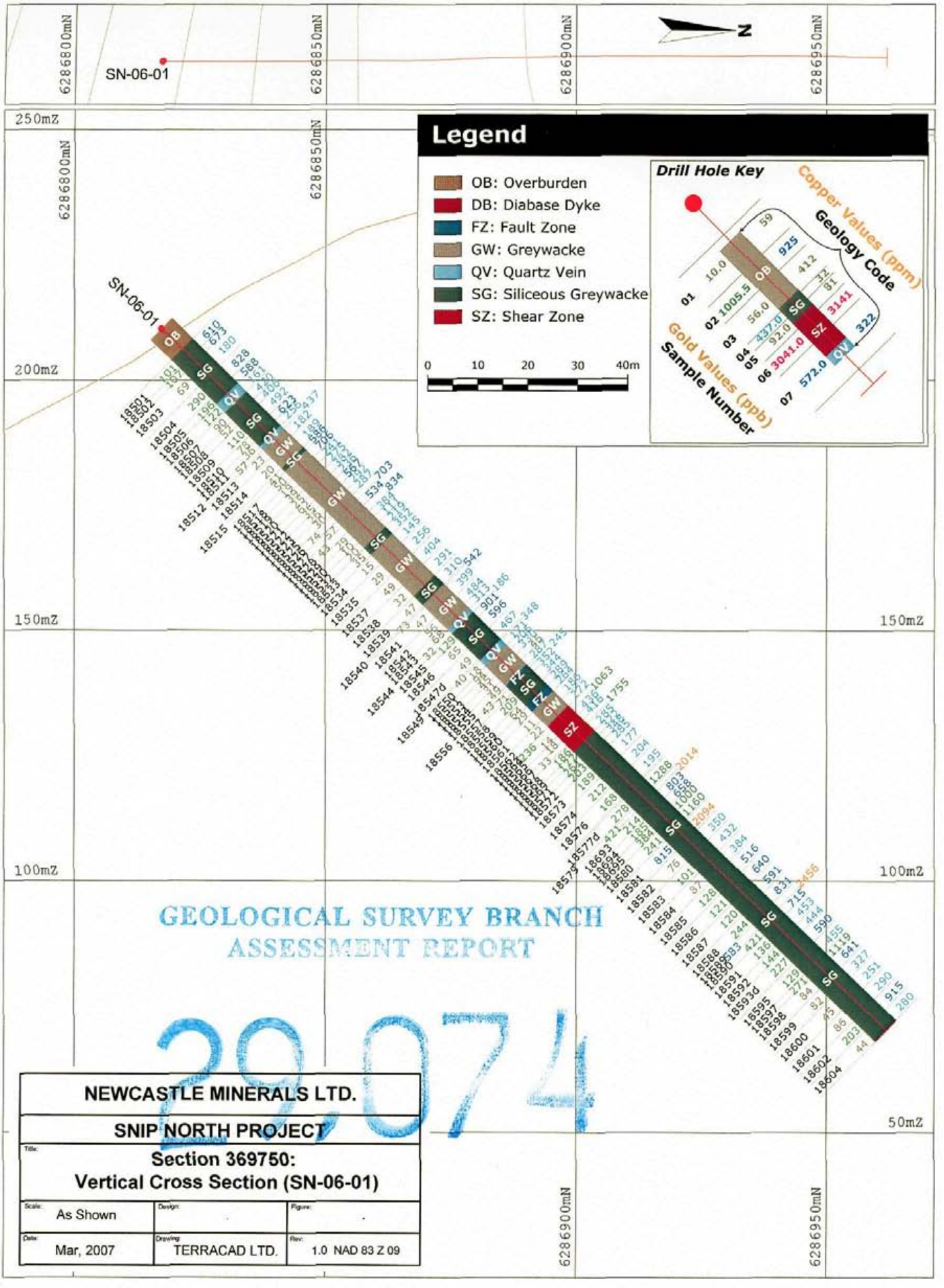
NEWCASTLE MINERALS LTD.

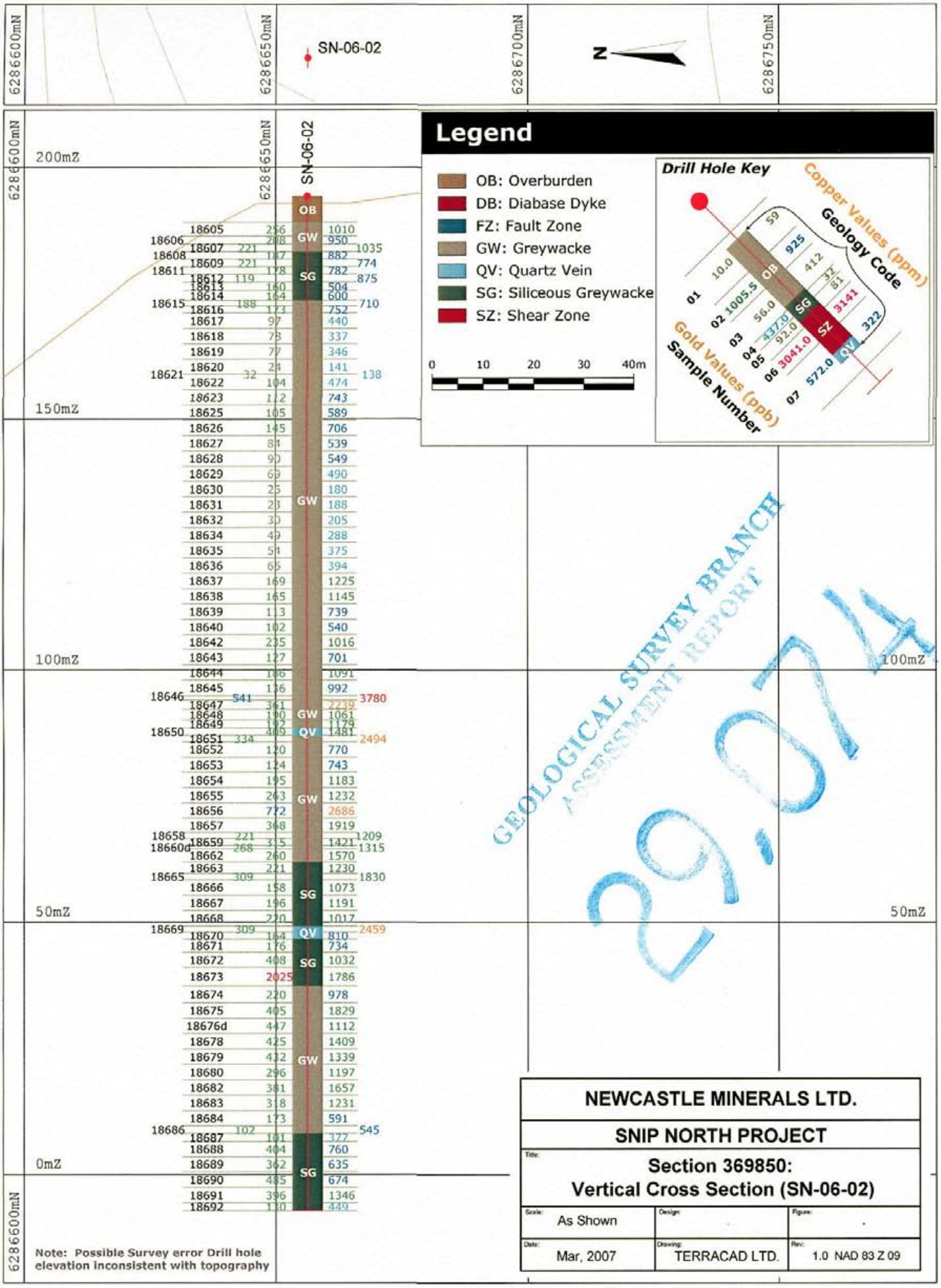
Meridor Copper Soil Geochemistry Map with 2006 Drill Hole Locations

Title:

SNIP NORTH PROJECT

Scale:	Design:	Map #:
As Shown	.	2
Date:	Drawing:	Rev:
Mar, 2007	TERRACAD LTD.	1.0


6286800mN
6286850mN
6286900mN
6286950mN
SN-06-01
N
250mZ
200mZ
150mZ
100mZ
50mZ
Legend
OB: Overburden
DB: Diabase Dyke
FZ: Fault Zone
GW: Greywacke
QV: Quartz Vein
SG: Siliceous Greywacke
SZ: Shear Zone
0 10 20 30 40m
Drill Hole Key
Copper Values (ppm)
Geology Code
Gold Values (ppb)
Sample Number
01 10.0 OB 59
02 1005.5 925
03 437.0 412
04 92.0 SG 32
05 3041.0 81
06 572.0 SZ 3141
07 QV 322
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
29,974
NEWCASTLE MINERALS LTD.
SNIP NORTH PROJECT
Section 369750:
Vertical Cross Section (SN-06-01)
Scale: As Shown
Design:
Figure:
Date: Mar, 2007
Drawing: TERRACAD LTD.
Rev: 1.0 NAD 83 Z 09



NEWCASTLE MINERALS LTD.		
SNIP NORTH PROJECT		
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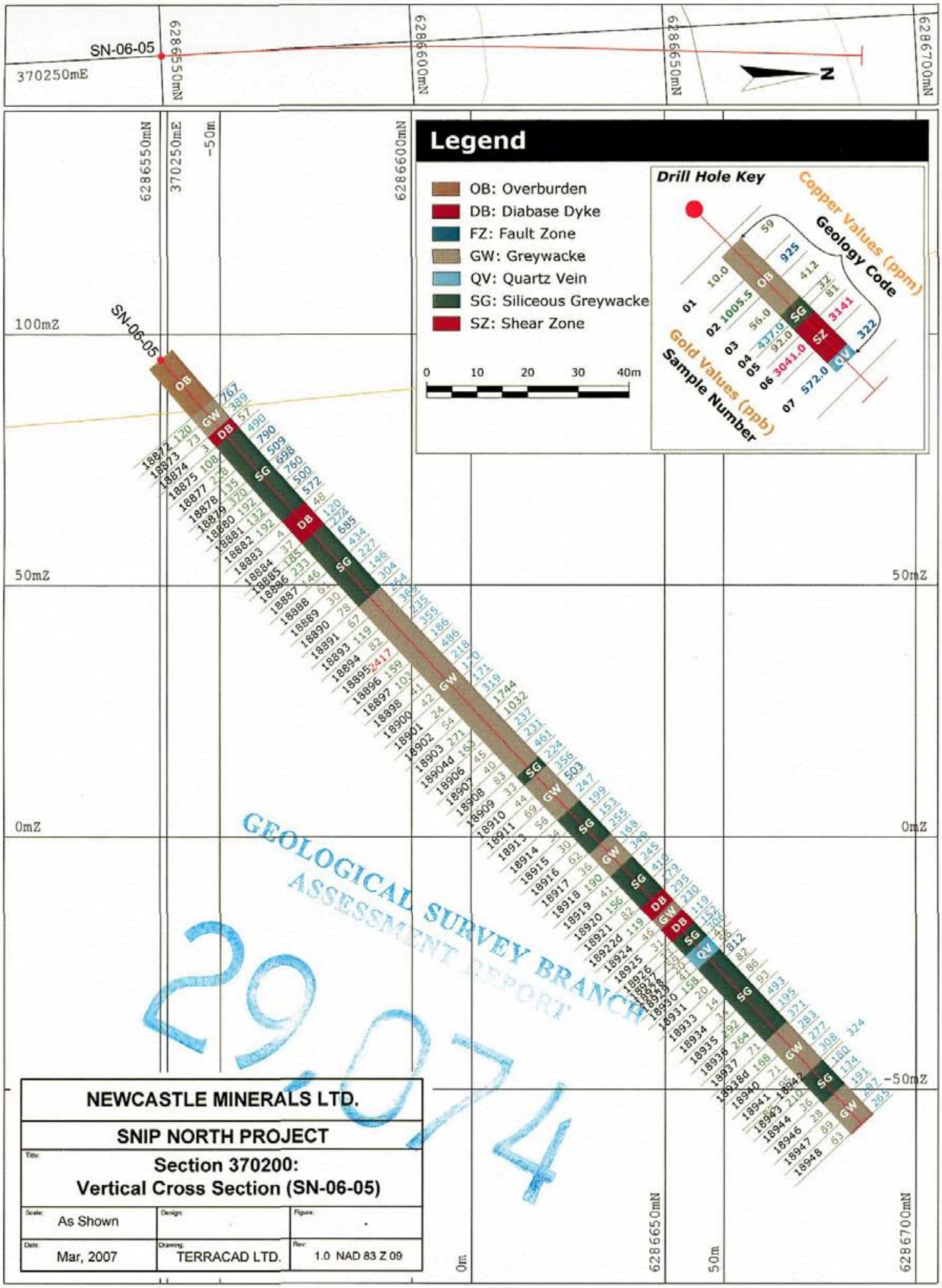
Date: Mar, 2007	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 09

NEWCASTLE MINERALS LTD.		
SNIP NORTH PROJECT		
Title: Section 370050: Vertical Cross Section (SN-06-03 & 04)		
Scale: As Shown	Design:	Figure:
Date: Mar, 2007	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 09



NEWCASTLE MINERALS LTD.		
SNIP NORTH PROJECT		
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Date: Mar, 2007	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 09