

BC Geological Survey
Assessment Report
32441

**TECHNICAL REPORT
ON THE
HAWK PROPERTY**

OMINECA MINING DIVISION

NTS: 094C.002

Latitude 56° 02' 33"N Longitude 125° 40' 49.8"W
(UTM NAD 83 333029mE, 6214050mN)

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Effective Date: June 10th, 2011

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- i: Magnetometer Survey Corrected
- ii: 2010 Rock Sample Descriptions
 - 2010 Soil Sample Descriptions
 - 2010 Assay Certificates
 - Analytical Procedures

Item 3: Introduction

This report documents geological mapping, geochemical sampling (soil and rock) and geophysical surveys conducted on the Hawk property during the period September 16th to 23rd, 2010.

Item 4: Reliance on Other Experts

Resulting data of the ground magnetic survey was further analyzed by A. Scott of Scott Geophysics Ltd. Profiles depicting the change in total field magnetic strength and a contour map were provided to the author and included in this report.

Item 5: Property Description and Location

The Hawk property, covering some 3958 hectares of mineral tenure, is located in the Omineca Mining Division approximately 275 kilometres northwest of Mackenzie and 70 kilometres northwest of Germansen Landing. The property is centred at 56° 02' 33" North Latitude and 125° 40' 49.8" West Longitude (Topographic Map 1:20,000 Trim Sheet 094C.002).

The property consists of 10 mineral tenures and is registered 100% to R.M. Durfeld (FMC 107306). The following table lists the detailed tenure information (tenure number, type, claim name, expiry date and area) and the relative claim locations are shown on the Claim Map (Figure 2). The good to date reflects the statement of work filed on April 27th, 2011 (event ID =4857325). This report documents the exploration work filed in this statement.

Tenure Number	Type	Claim Name	Good Until	Area (ha)
728342	Mineral		20120630	741.0
728382	Mineral		20141214	54.2
728402	Mineral		20141214	36.1
728422	Mineral		20120630	614.3
728442	Mineral		20120630	470.2
728463	Mineral		20120630	433.8
728482	Mineral		20120630	253.2
728502	Mineral	HAWK 1	20120630	451.8
728522	Mineral		20120630	451.6

728542	Mineral		20120630	451.6
			Total	3957.8

In British Columbia, acquisition of Crown mineral rights is governed by the Mineral Tenure Act and administered by the Mineral Titles Branch. Exploration and development required to maintain a mineral claim in British Columbia for 1 year is \$4/hectare for the first, second and third anniversary years and \$8/hectare for each subsequent year and applicable recording fees.

Item 6: Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Hawk property is located in the Omineca Mountains of north central British Columbia, and can be easily accessed from Mackenzie or Fort St. James by vehicle on all-weather logging roads. Total travel time from either town is approximately 4.5 hours, and numerous logging roads throughout the area facilitate travel.

Mean annual precipitation in the area is roughly 1000 millimetres, and elevations range from 1150 to 2160 metres above sea level. The mean winter temperature ranges from -10°C to -7°C, and the mean summer temperature is approximately 12°C. The snow-free period at lower elevations on the property can extend from April to November but may be as short as July to October, and snow at higher elevations persists much longer into the summer.

The Hawk property is characterized by barren steep slopes at the highest elevations followed by alpine meadows and forested slopes towards the valley bottoms. The Omineca Mountains occur predominantly in the Engelmann Spruce - Subalpine Fir biogeoclimatic zone, and relatively long harsh winters and cool short summers are the norm. Spruce and balsam are common throughout the area, and lodgepole pine occurs at lower elevations. Undergrowth is light to medium, making the forested areas relatively easy to work in. Additionally, numerous cut blocks from previous logging activities occur at lower elevations and greatly improve overall access.

Hawk Location Map

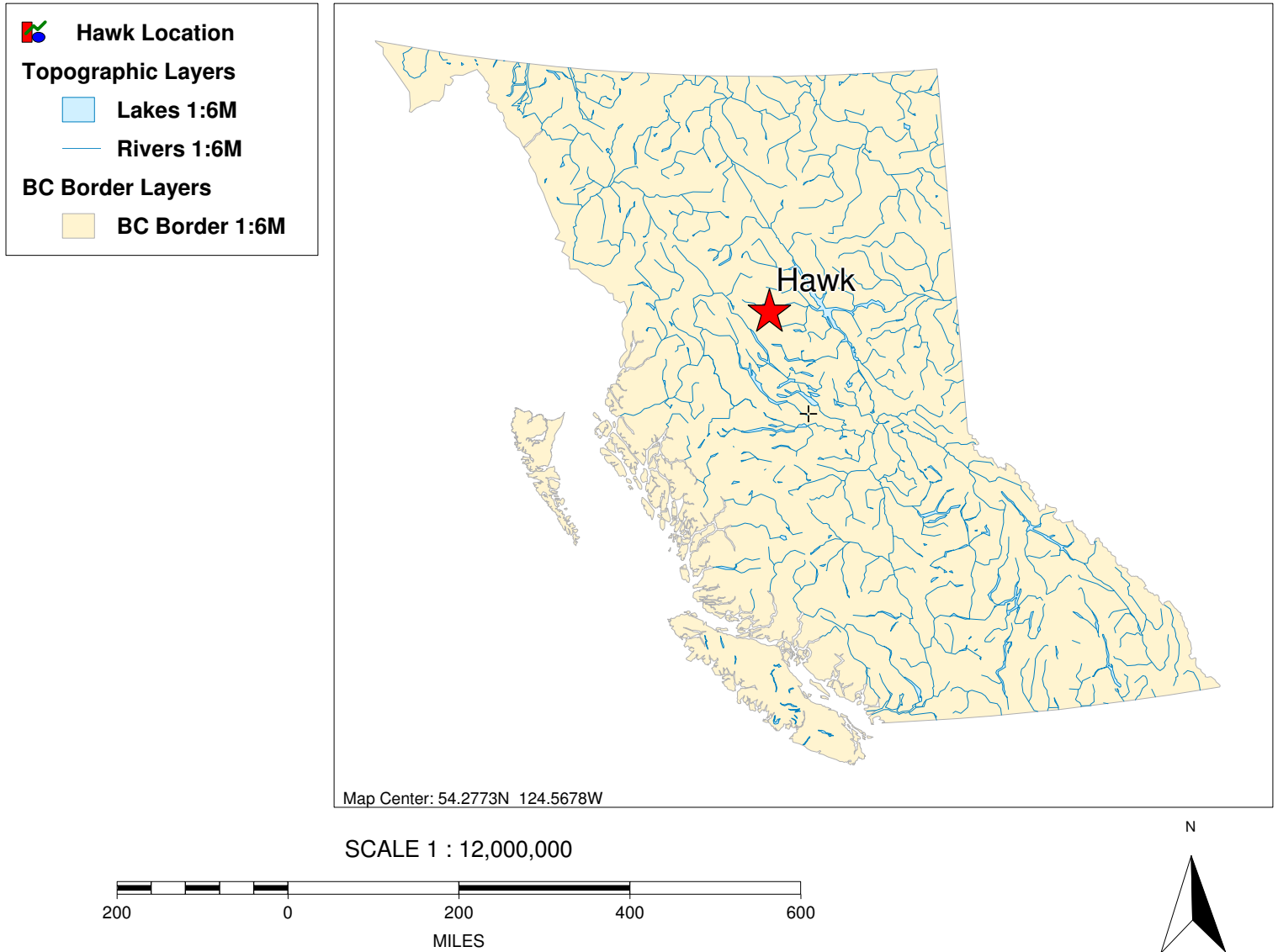
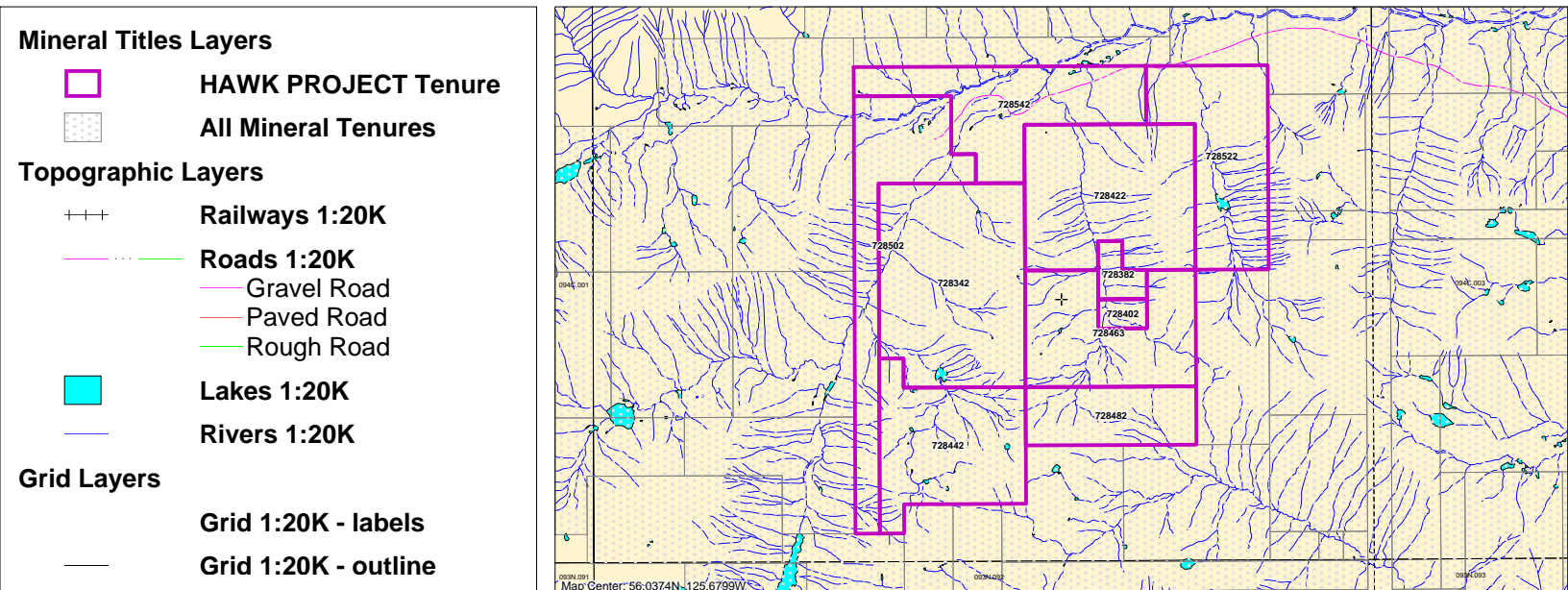


Figure 1

HAWK PROJECT Claim Map



SCALE 1 : 115,850

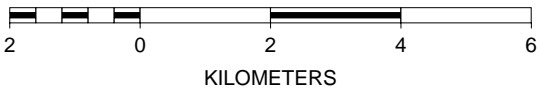


Figure 2

The large area of the property, the well established logging roads, and the close proximity to a water and power supply indicates that the area is well suited for mining activities. The distance to the nearest power line and to suitable haul roads is less than 50 kilometres, and there is abundant area on the property for mine development and waste/tailings disposal. Additionally, there is a large supply of readily available water in the Omineca River, and numerous streams carry water throughout the property. Logging roads in good condition provide access to the property from Mackenzie or Germansen Landing, and the presence of Kemess mine approximately 130 kilometres to the northwest reaffirms the area as favourable to mining activities.

Item 7: History

Information regarding the history of the property has been derived primarily from the 1996 report by B.D. Game for Castleford Resources Ltd. and the 2003 report by R.G. Carmichael for Redcorp Ventures Ltd.

In the early 1970's, numerous mining companies conducted exploration programs in the area of the Hawk property. The Hogem Batholith was of particular interest for porphyry copper-molybdenum deposits, and the first detailed recorded work on the property was conducted in 1971 by Amco Canada. A total of 7376 silt, water, rock, and soil samples were collected throughout 2400 square kilometres, all of which were assayed for copper and molybdenum. The ensuing values showed regions with anomalous copper and/or molybdenum, and lead to the staking of four areas: Tyger, Needle, Oy, and Hawk. Resultant work on each property continued from 1972 to 1974 and included detailed geological mapping and soil sampling. In 1974, Amco Canada conducted a drilling program in which 750 metres of core from four different holes was analyzed for copper. The best hole returned 0.39% copper over 36.2 metres and 0.76% copper over 15.2 metres. After the 1974 drilling program no further work was conducted on the property and the claims were allowed to lapse.

Cyprus re-staked three of the four properties, Needle, Oy, and Hawk, and the properties were renamed Steele, Ten, and Hawk respectively. In 1990, Cyprus began

an exploration program that involved extensive rock and soil sampling, a magnetic survey, and a VLF survey. The results indicated anomalous values of gold and copper in the Radio vein, AD zone, and HSW regions. Drilling commenced on the AD zone in October of 1990, and a total of 898 metres of core from eight different holes (HK90-1 to HK90-8) was recovered. The following table lists significant gold values obtained for holes one through five, while holes six through eight did not return any significant values.

Hole	Interval (metres)	Width (metres)	Au oz/ton
HK 90-1	57.50-62.65	5.15	0.20
	59.65-61.15	1.50	0.58
HK 90-2	64.10-66.90	2.8	0.27
HK 90-3	54.00-54.50	0.5	0.194
HK 90-4	79.00-80.00	1.0	0.86
	100.00-101.35	1.3	0.44
HK 90-5	31.55-33.55	2.0	0.128

Cyprus recommended additional work on the Radio vein and HSW area due to the anomalous gold/copper values found in the area, but no more work was conducted by the company and the claims lapsed in 1995. The area was then staked by Nicholson and Associates and R.M. Durfeld, and under the name Castleford Resources Ltd. further work was conducted on the property. Following the work, all of the claims except HK3 and HK4 were allowed to lapse, and Redcorp Ventures Ltd. re-staked the claims in 2001 and acquired HK3 and HK4 in 2002.

In 2003, Redcorp Ventures Ltd. began a diamond drill program on the Hawk property. A total of 1,534 metres from twelve holes were drilled from the Radio zone (HK02001-HK02005), the AD zone (HK02006-HK02007), and the Zulu zone (HK02008-HK02012). Drill core was logged and, based on visible mineralization or alteration, sampled (120 in total) and submitted for analysis.

Item 8: Geological Setting

The Hawk property is located in the north-central part of the Quesnel Terrane, a north-northwesterly trending belt of Upper Triassic to Lower Cretaceous arc terrane with

both alkaline and calc-alkaline volcanic rocks, derived sediments and coeval intrusions. This belt runs from the Canada-US border to northernmost British Columbia and hosts porphyry copper and/or gold deposits of the alkalic suite (Copper Mountain, Afton, Mount Polley, QR, Mount Milligan, Red Chris and Galore Creek). Features common to alkalic porphyries are an association with regional structures, a relation to alkalic intrusive centres, hydrothermal alteration, mineral zoning and magnetite enrichment. The calc-alkaline suite of rocks host the more molybdenum rich porphyry copper deposits at Highland Valley Copper and Chemess mines.

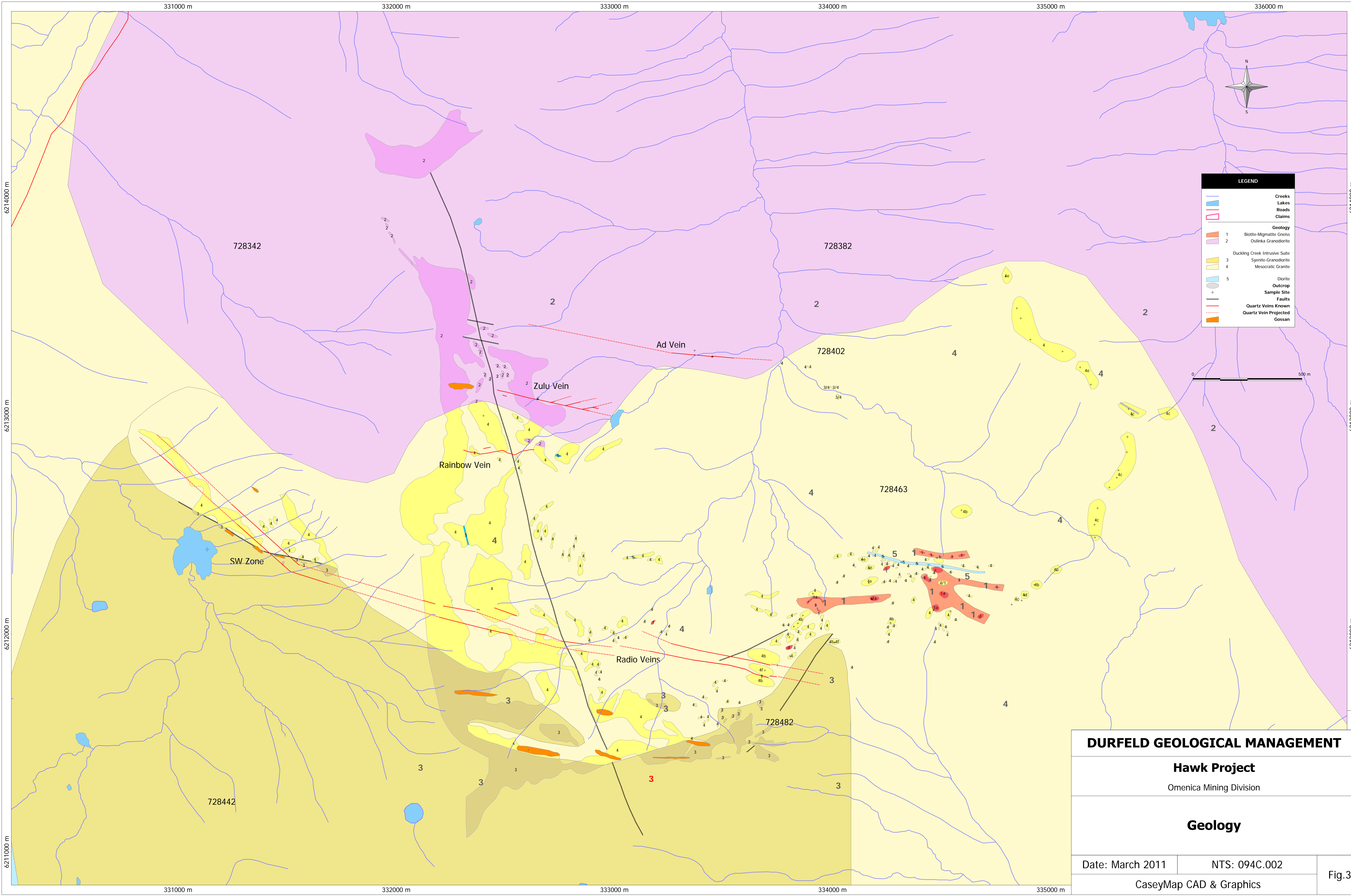
8.1 Regional and Local Geology

The Hogen Batholith is a northwest elongate composite body 160 kilometres long and up to 35 kilometres wide that intrudes Mesozoic arc-related strata of Quesnellia. Ten kilometres to the west of the property, coincident with the Omenica River, the northwest trending Pinchi fault separates the Quesnellia (Arc) terrain rocks from the oceanic Cache Creek accretionary complex to the southwest.

In the Hawk property area, the Hogen Batholith rocks are dominated by the northern end of the Duckling Creek Syenite Complex and the Osilinka Granite Intrusions. The Duckling Creek Syenite is one of several calc-alkalic intrusions that make up the Late Triassic to Early Cretaceous Hogen Batholith. The Duckling Creek Syenite Complex, which measures some 8 kilometres wide and 35 kilometres long, grades into the main batholith in some locations. The rocks are generally coarse-grained, porphyritic syenites composed primarily of pink orthoclase and microcline, along with augite. The green augite is often altered to ragged flakes of brown biotite amid dark green chlorite. In several locations garnets may constitute up to 15% of the rock. Nearly all of these syenites are foliated in a north-south direction with a vertical dip.

8.2 Property Geology

The Hawk property covers the east-west trending intrusive contact between the Early Jurassic Duckling Creek Syenite to the south and the Early to Mid Cretaceous Osilinka Granites to the north (Figure 3). The government airborne magnetic surveys map the Osilinka Granites as a magnetic low feature in contrast with the strong magnetic high feature of the Duckling Creek Syenite.



LEGEND

- Creeks
- Lakes
- Roads
- Claims

Geology

- 1 Biotite-Migmatite Gneiss
- 2 Osilinka Granodiorite
- Duckling Creek Intrusive Suite
- 3 Syenite-Granodiorite
- 4 Mesocratic Granite
- 5 Diorite

Outcrop

- Sample Site

Faults

- Quartz Veins Known
- Quartz Vein Projected
- Gossan

DURFELD GEOLOGICAL MANAGEMENT		
Hawk Project		
Omenica Mining Division		
Geology		
Date: March 2011	NTS: 094C.002	
CaseyMap CAD & Graphics		Fig.3

The Duckling Creek Syenite contains numerous rafts of biotite that range from a few metres to several tens of meters wide and are occasionally found with muscovite gneiss. These rocks are often gossanous (limonitic from oxidized biotite) with disseminated pyrite and chalcopyrite with minor specularite and malachite. Discontinuous intermediate to mafic dykes or xenoliths composed of andesite, diabase, or fine grained diorite are found most frequently in the leucocratic and mesocratic syenite units, but may also occur in the calc-alkaline granites. These dykes have widths up to five metres with no preferred orientation and they contain varying amounts of pyrite and magnetite along with minor copper sulphides and oxides.

The calc-alkali granites typically depict very blocky weathering and are generally massive, fine to coarse-grained, light whitish pink, and weak to moderately gossanous. Mafics include hornblende and biotite, while the dominant feldspars are primarily orthoclase and/or microcline. Alteration consists of weak to strong limonite, and disseminated mineralization within the rocks is typically absent. Both the Duckling Creek syenite and the Osilinka granites host the gold-bearing quartz veins and the quartz stockworking typical of the AD Zone.

The 2010 program examined the southeast area of the property. Geological mapping identified biotite migmatite/gneiss (unit 1) as west northwest trending inliers to a mesocratic granite. All lithologies are cut by later east west quartz veins.

Item 9: Deposit Types

The initial mineral exploration identified disseminated sulphide mineralization in the strongly magnetic and altered Duckling Creek syenite. Drilling by Amoco in 1974 returned 0.39% copper over 36.2 metres and 0.76% copper over 15.2 metres (best hole).

Work by Cyprus in 1990 identified gold/silver bearing quartz veins and stockworks hosted in syenite and granite. These occurrences may also host copper. The main gold-bearing veins (Radio vein, AD vein, Zulu vein and Rainbow vein) are typically white

to grey coarse grained quartz with trace to 40% sulphides and hematite. These westerly trending veins intrude both the Duckling Creek Syenite and the Osilinka Granite making them possibly related to the Osilinka intrusions but definitely younger than the Duckling Creek Syenite. Work by J. Nelson and R. Carmichael in Geological Field Work 2002, Paper 2003-1 studied and modeled these vein occurrences. *‘The veins are quartz-rich, with pyrite, chalcopyrite, galena, sphalerite, rare clumps of scheelite in the Zulu vein and in a few instances, visible gold; elevated gold values are accompanied by silver, bismuth and tungsten. This geochemical signature, along with the possible Cretaceous host granite suggests that this may be an intrusion related gold system’.*

Item 10: Mineralization

The Duckling Creek Syenite hosted copper sulphide mineralization that occurs in the southeast property area is not related to the younger auriferous quartz veins.

The vein mineralization occurs primarily as structurally controlled quartz veins and stockwork zones, hosted by both the syenite intrusive and the granitic intrusive, that contain pyrite, chalcopyrite, magnetite, sphalerite, and/or galena. Currently, three such mineralization zones have been identified: the AD zone, the Radio vein, and the SW zone. The former occurs in the calc-alkaline granite, near the contact, while the latter two occur in the syenite. The zones are associated with west trending structures and gold zones typically show a distinct Au-Ag-Bi-W-As-Sb-Co-Pb association.

Item 11: Exploration

Exploration on the Hawk property has consisted of geological mapping, geochemical sampling (soil and rock) and diamond drilling. From Sept 16th to Sept 23rd, 2010 a helicopter supported exploration program, managed by Durfeld Geological, consisting of geological mapping, geochemical sampling (rock and soil) and a ground magnetic survey was completed in the Southeast property area.

11.1 Ground Magnetic Survey

In September of 2010, a ground magnetic survey was conducted by the issuer on segments of the Hawk property to confirm and provide more detailed ground coverage in the Southeast property area.

11.2 Rock Sampling

In September of 2010, a total of 31 rock samples were collected by the issuer on the Hawk property to confirm and provide more detail to previous rock samples; previous findings indicated anomalous values of gold and copper.

11.3 Soil Sampling

In September of 2010, a total of 110 soil samples were collected by the issuer on the Hawk property to confirm and provide more detail to previous soil samples that indicated anomalous values of gold and copper.

Item 12: Sampling Method and Approach

12.1 Ground Magnetic Survey

The 2010 ground magnetic survey was established over an existing grid which was expanded with additional compass lines. All locations were converted to NAD 83 UTM. Two Scintrex Ltd Envi-Mag proton magnetometer systems were rented from Scott Geophysics. One unit was set up and used as a field unit and the other used as a base station to collect continuous magnetometer readings to correct for diurnal variations. An existing north-northeast grid with eight lines was first re-established to cover the magnetic highs to the west, followed by a north-south grid with seven lines. The field unit was used to take readings at 25 metre intervals. A total of 15 kilometres of line was surveyed.

At the end of each day all field unit data was downloaded and saved to a computer. The numerical values obtained during the survey can be seen in both the profiles and

the contour map (Figure 10 and Figure 11 respectively), and corrected field data is listed in Appendix i.

12.2 Rock Sampling

In September of 2010, a total of 31 rock samples were collected as random chips from bedrock and rubble sampling.

Each sample was given a unique number derived from the assay tag, and a description including the UTM co-ordinates and rock type was added. This data was entered into an XL database at the end of the day.

12.3 Soil Sampling

A total of 110 soil samples were collected in September 2010 on a grid basis, and samples were identified by grid co-ordinates. Samples were collected with a grub hoe digging to a depth of 0.8 metres. Samples were collected of rusty B horizon material which was generally well developed at 0.4 and 0.6 metres. In rocky areas of poor soil development, samples consisted of talus fines.

Each sample was given a unique number derived from the assay tag, and a description including the UTM co-ordinates and soil type was added. This data was entered into an XL database at the end of the day.

Item 13: Sample Preparation, Analyses and Reporting

13.1 Ground Magnetic Survey

For further analysis, the resulting ground magnetic survey data was sent to A. Scott of Scott Geophysics Ltd. who provided the author with profiles depicting the change in total field magnetic strength across the north-northeast and north-south grids (Figure 10) and a contour map of relative high magnetic intensity (Figure 11).

13.2 Rock Sampling

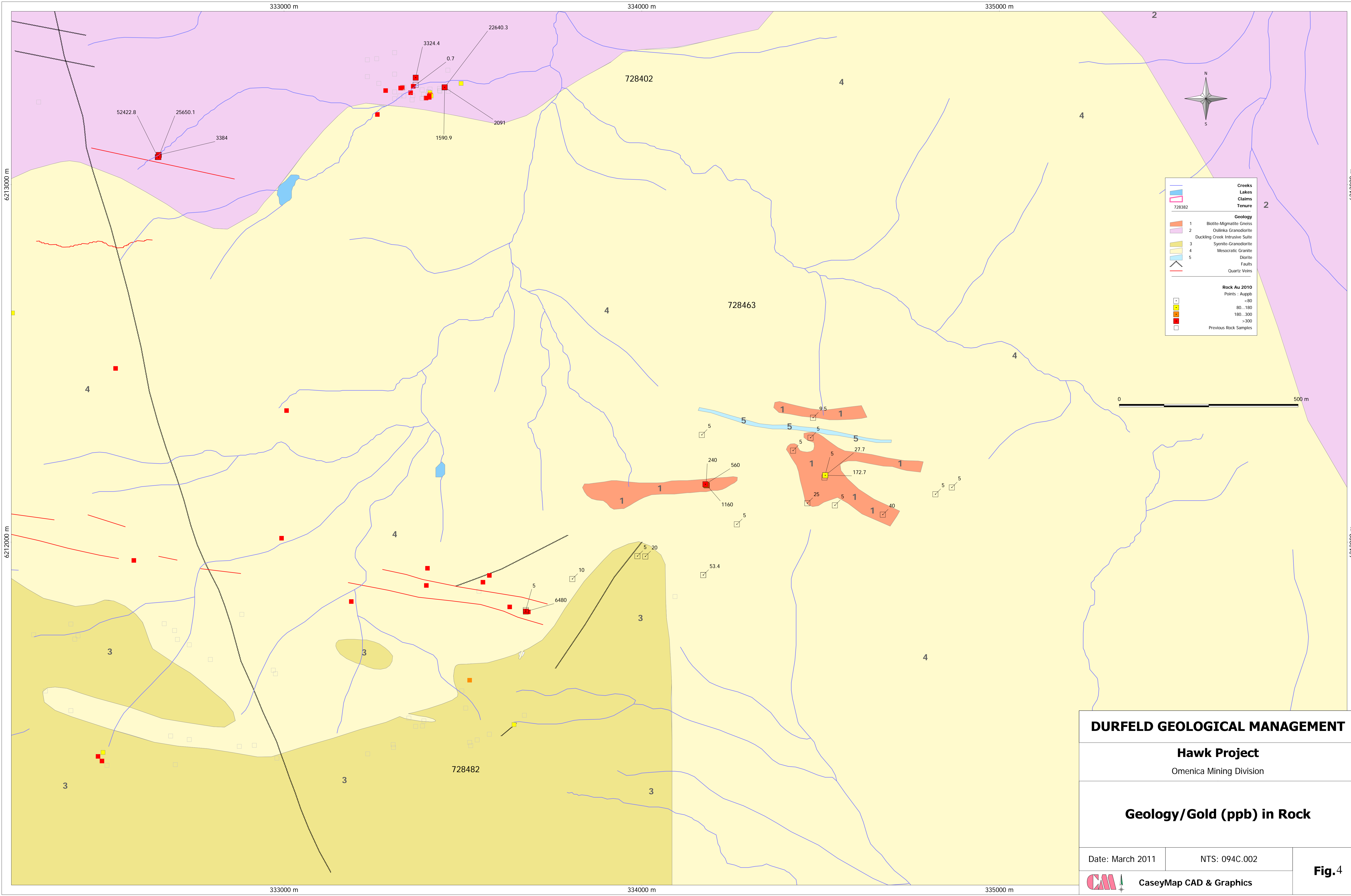
Rock sample numbers 329103 to 329121 were shipped to Stewart Group Geochemical & Assay 2953 Shuswap Road in Kamloops where they were analyzed for gold, copper and multi element ICP. Sample numbers 1B-17-0, and 01-17-9 to 10-17-9 were shipped to Acme Labs 1020 Cordova Street East in Vancouver where they were analyzed for gold, copper and multi element ICP. Detailed geochemical results and analytical procedures employed at both companies are given in Appendix ii.


Sample locations can be found on figures 4, 6 and 8, along with the content of gold, copper and molybdenum. Sample numbers, locations, descriptions and corresponding Au/Cu values can be found in Appendix ii, along with the detailed assay results.

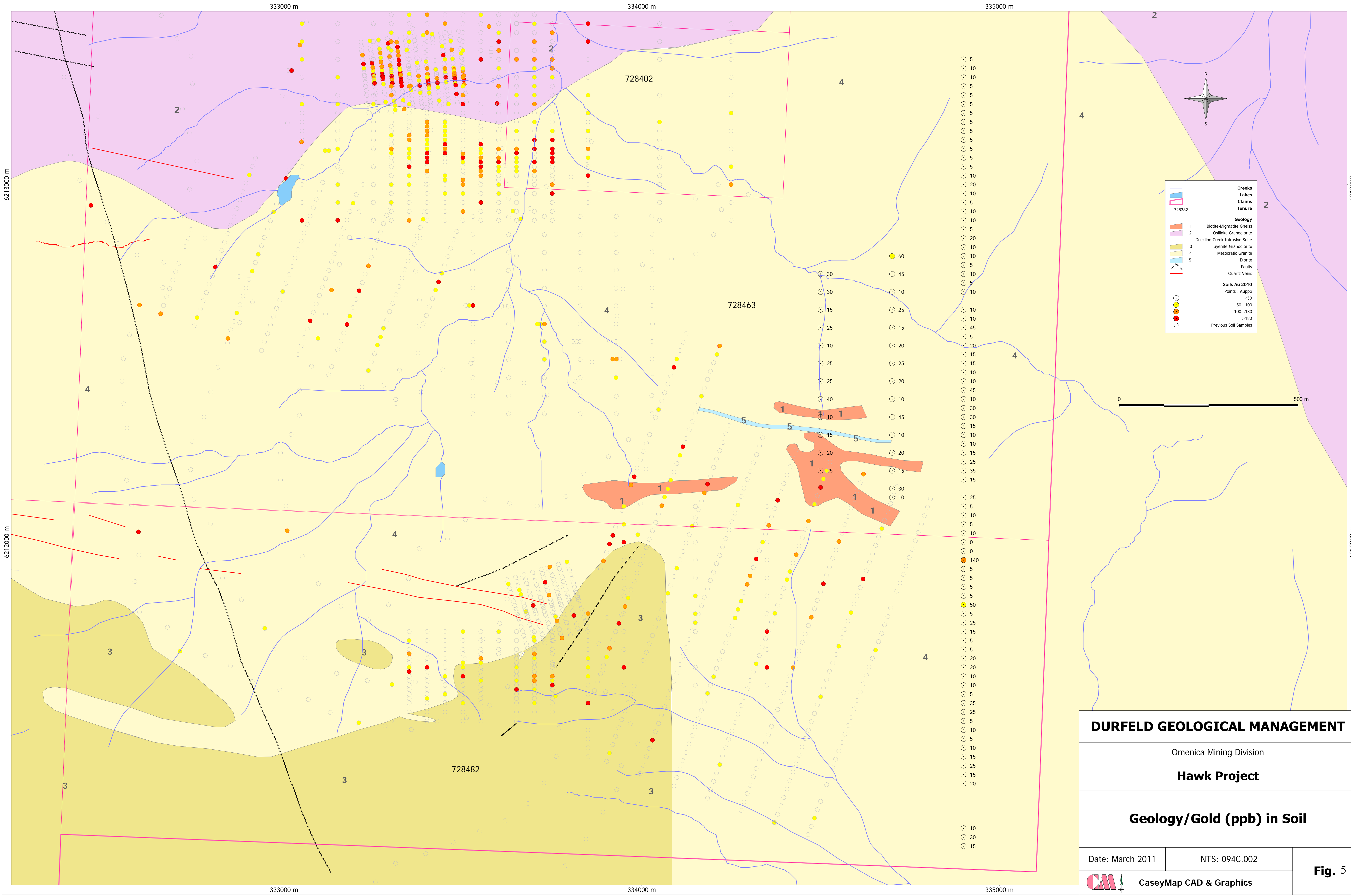
13.3 Soil Sampling

All soil samples were shipped to Stewart Group Geochemical & Assay 2953 Shuswap Road in Kamloops for analysis for gold and ICP; the analytical certificates are given in Appendix ii.

The results of the soil analyses were compiled with the grid co-ordinates to generate a UTM co-ordinate in XL as seen in Appendix ii. This database was imported into the Manifold GIS program which generated colour coded dot plots for gold, copper and molybdenum in rocks and soils, as Figures 4, 5, 6, 7, 8, and 9 respectively.



DURFELD GEOLOGICAL MANAGEMENT	
Hawk Project	
Omica Mining Division	
Geology/Gold (ppb) in Rock	
Date: March 2011	NTS: 094C.002
 CaseyMap CAD & Graphics	
Fig.4	



DURFELD GEOLOGICAL MANAGEMENT

Omenica Mining Division

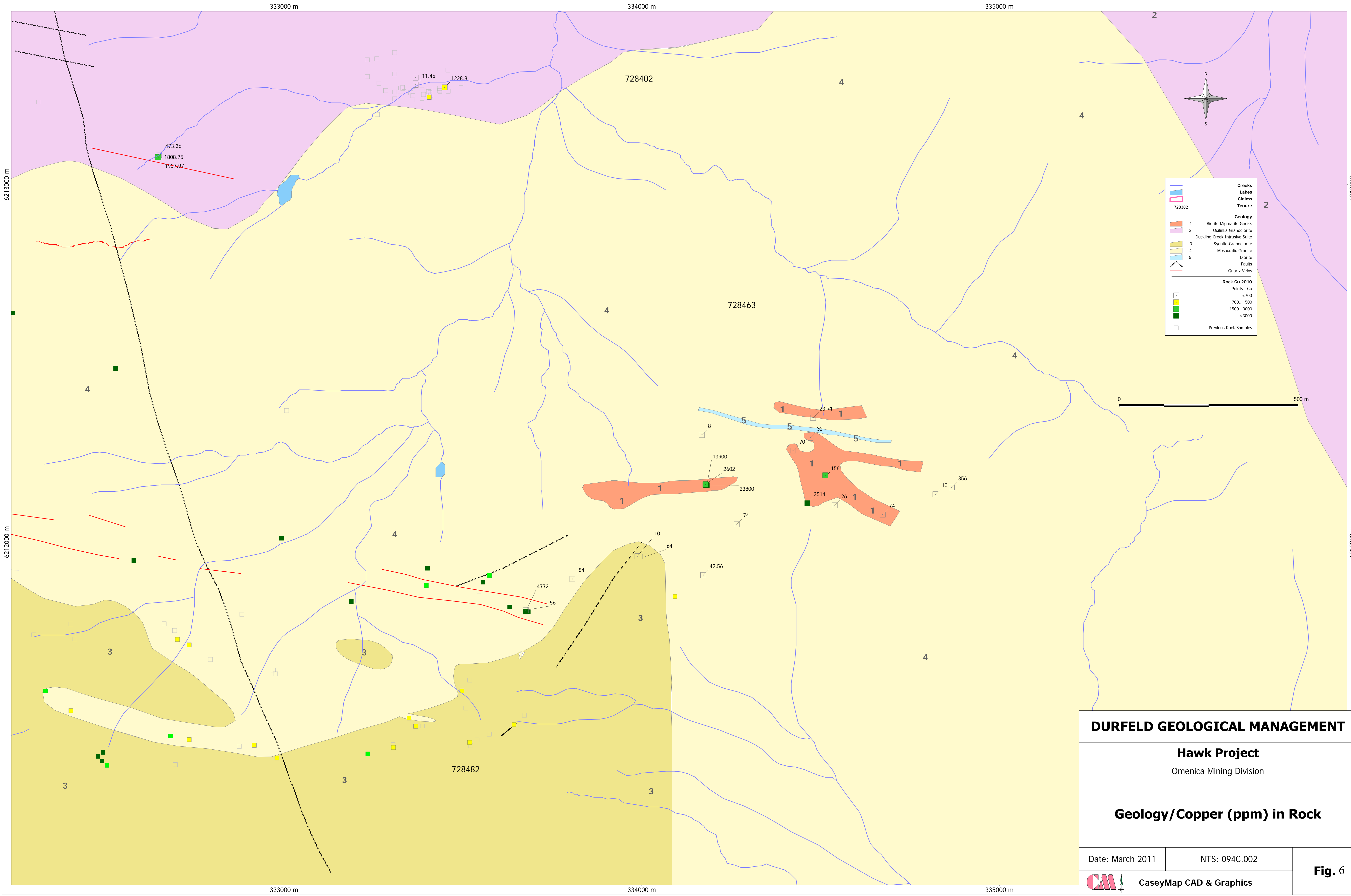
Hawk Project


Geology/Gold (ppb) in Soil

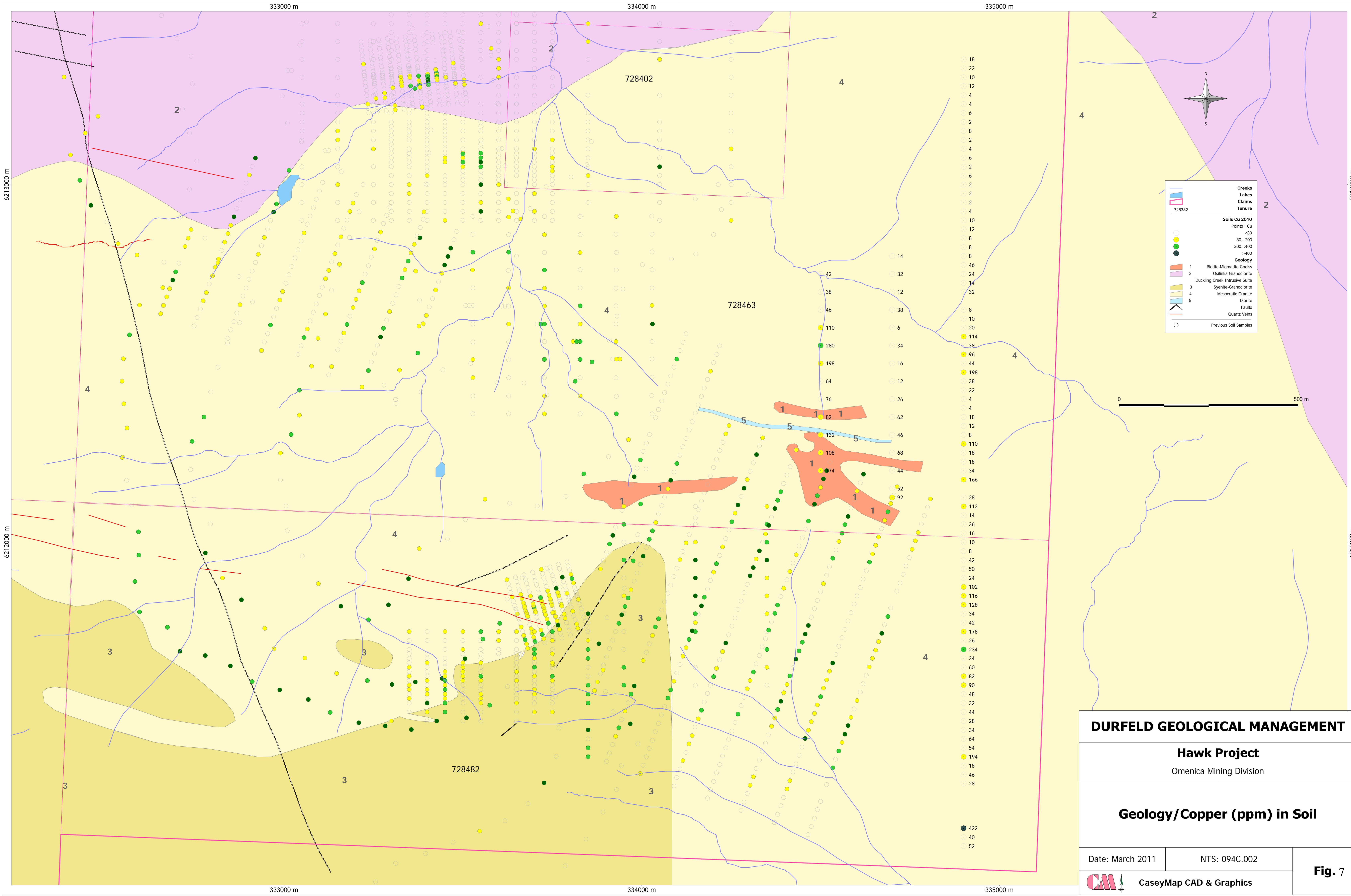
Date: March 2011 NTS: 094C.002

Fig. 5

CaseyMap CAD & Graphics



DURFELD GEOLOGICAL MANAGEMENT		
Hawk Project		
Omica Mining Division		
Geology/Copper (ppm) in Rock		
Date: March 2011	NTS: 094C.002	
 CaseyMap CAD & Graphics		Fig. 6



DURFELD GEOLOGICAL MANAGEMENT

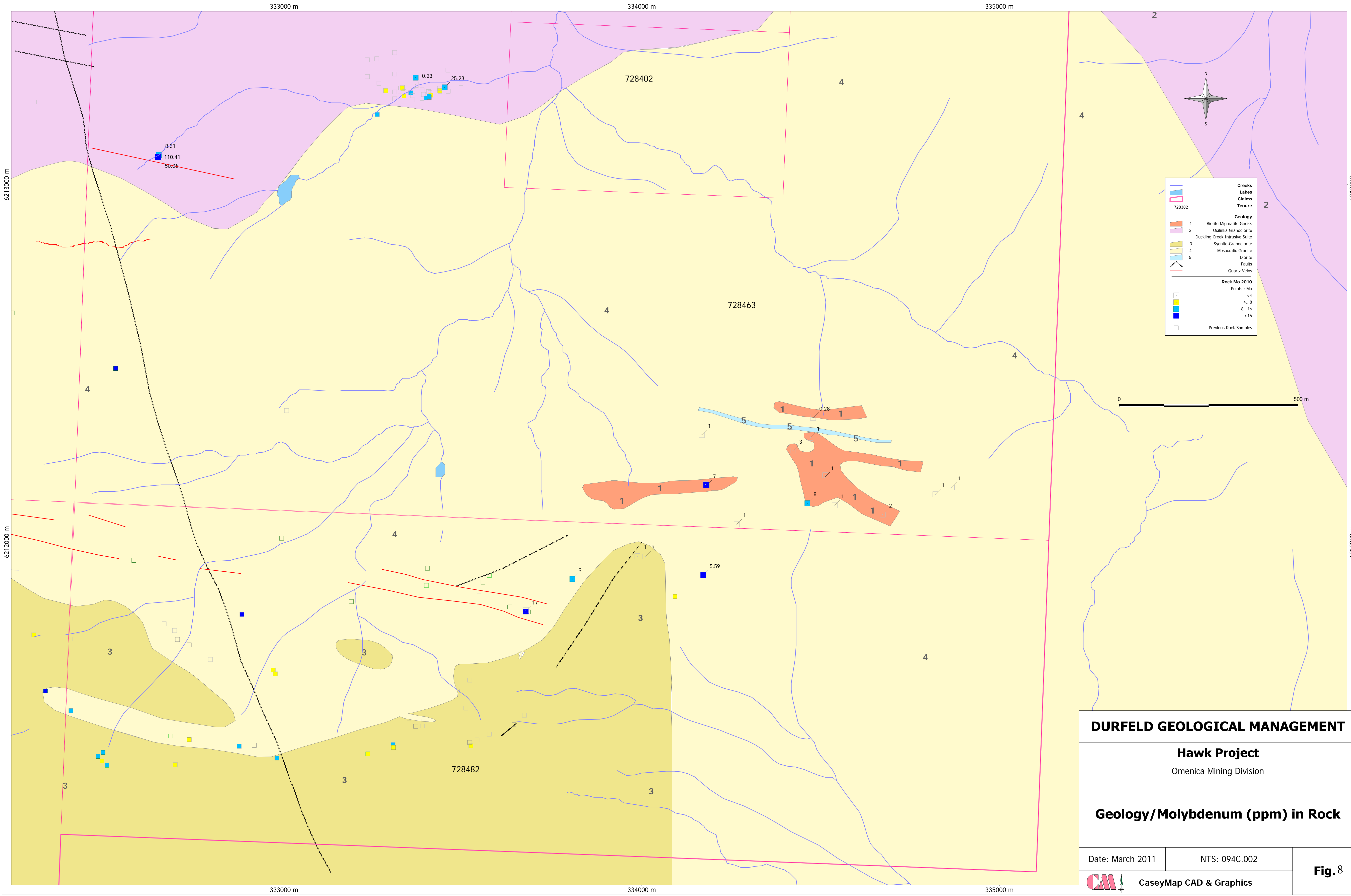
Hawk Project
Omenica Mining Division


Geology/Copper (ppm) in Soil

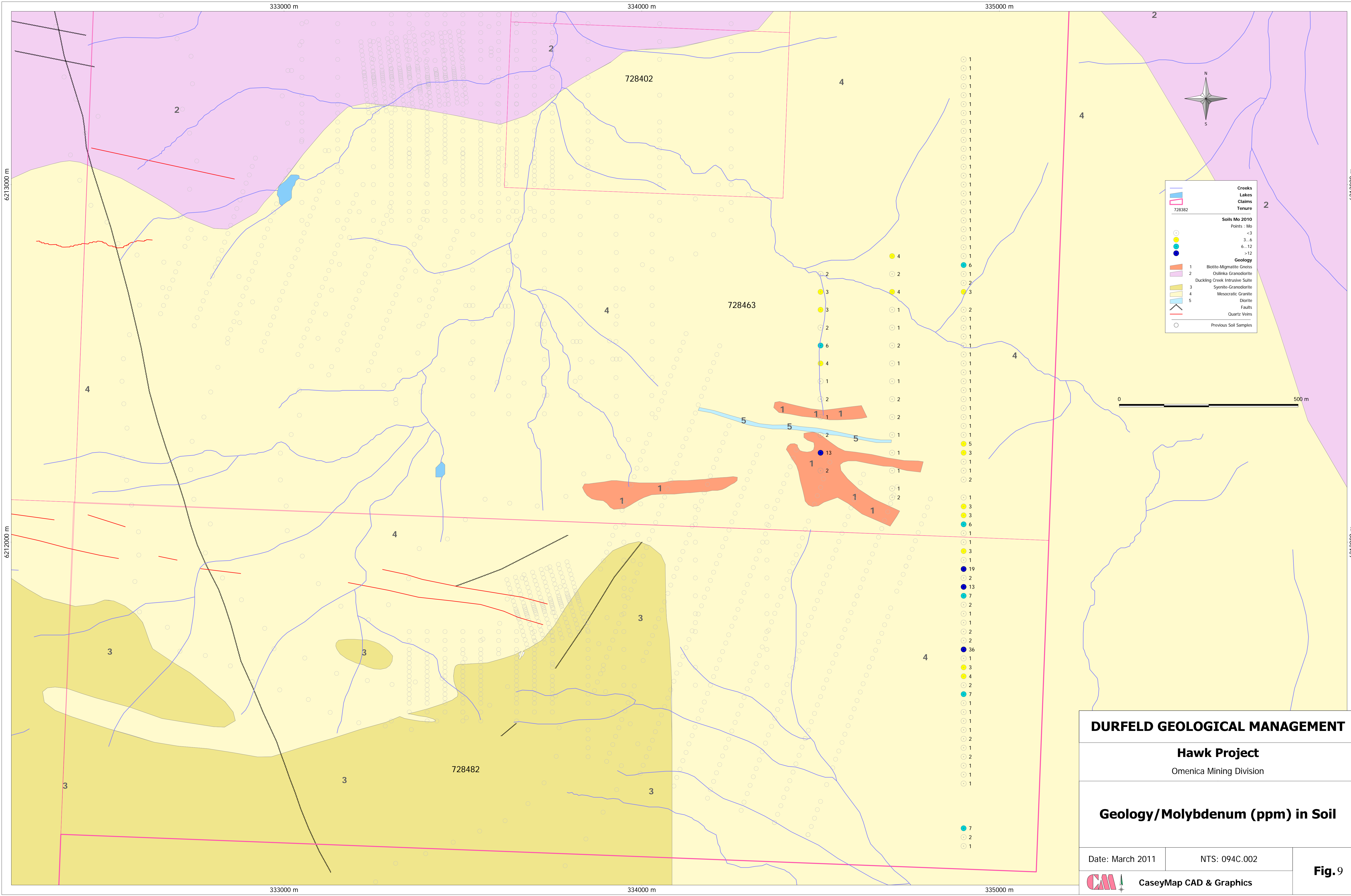
Date: March 2011 NTS: 094C.002

CaseyMap CAD & Graphics

Fig. 7

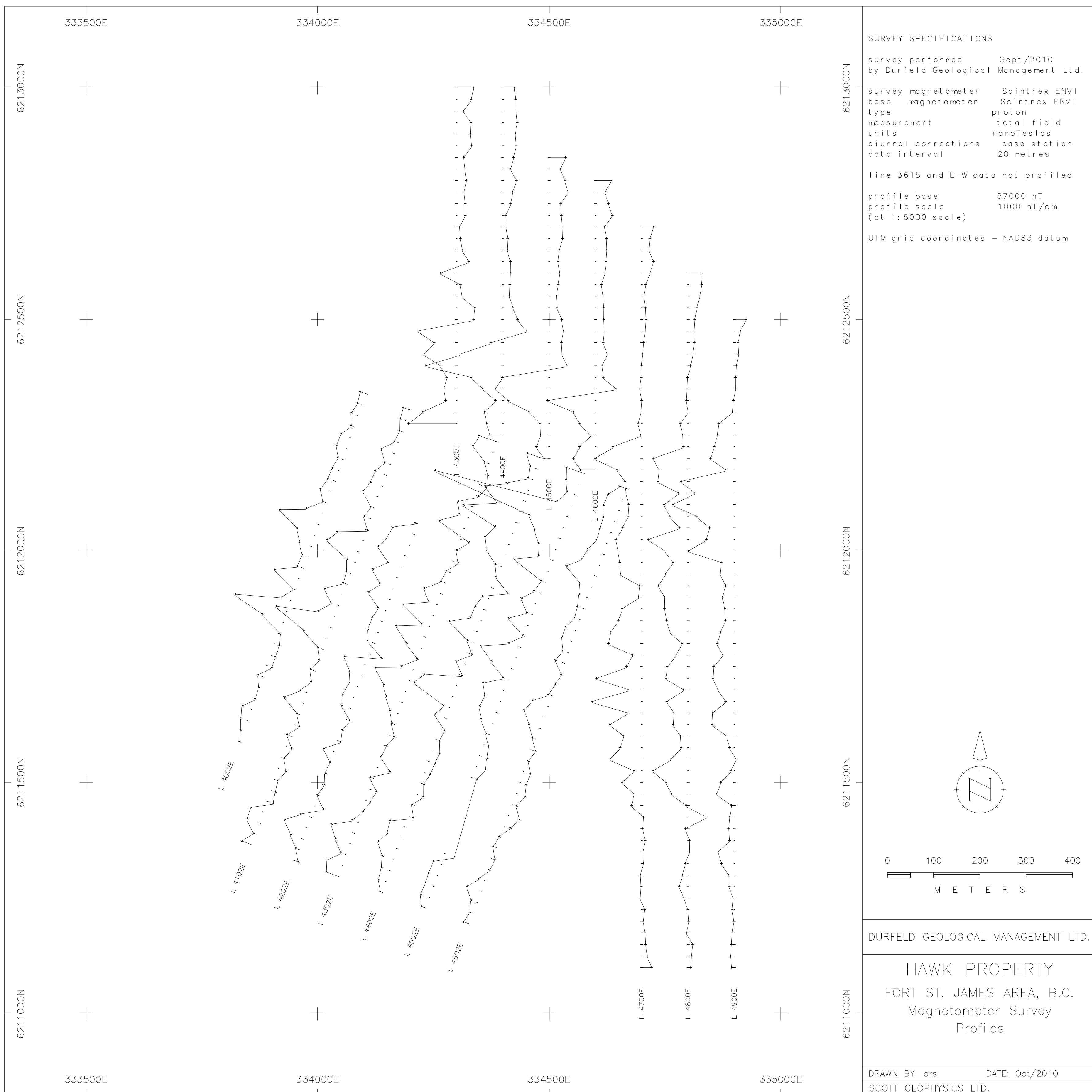


DURFELD GEOLOGICAL MANAGEMENT	
Hawk Project	
Omica Mining Division	
Geology/Molybdenum (ppm) in Rock	
Date: March 2011	NTS: 094C.002
 CaseyMap CAD & Graphics	
Fig. 8	



DURFELD GEOLOGICAL MANAGEMENT	
Hawk Project	
Omenica Mining Division	
Geology/Molybdenum (ppm) in Soil	
Date: March 2011	NTS: 094C.002

Fig.9



SURVEY SPECIFICATIONS

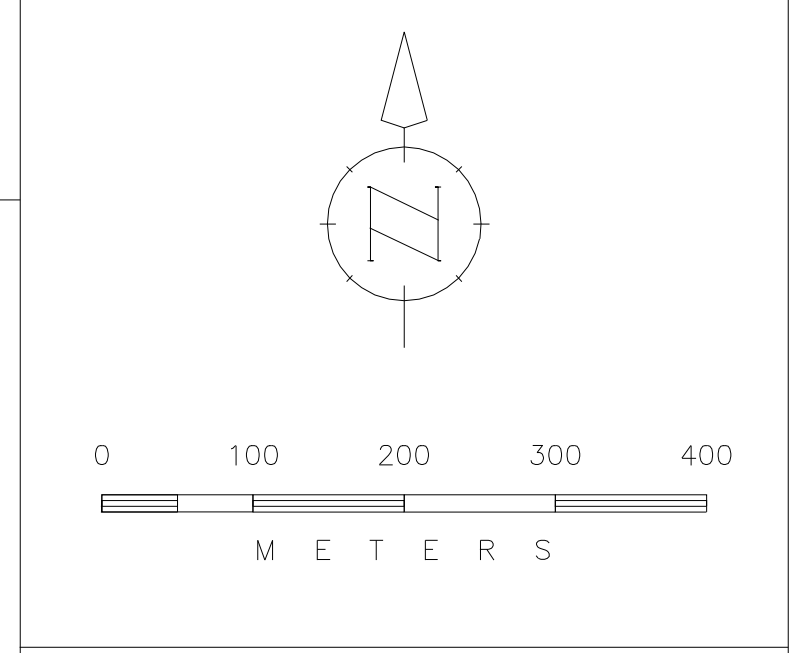
survey performed Sept/2010
 by Durfeld Geological Management Ltd.

survey magnetometer Scintrex ENVI
 base magnetometer Scintrex ENVI
 type proton
 measurement total field
 units nanoTeslas
 diurnal corrections base station
 data interval 20 metres

line 3615 and E-W data not profiled

profile base 57000 nT
 profile scale 1000 nT/cm
 (at 1:5000 scale)

UTM grid coordinates - NAD83 datum

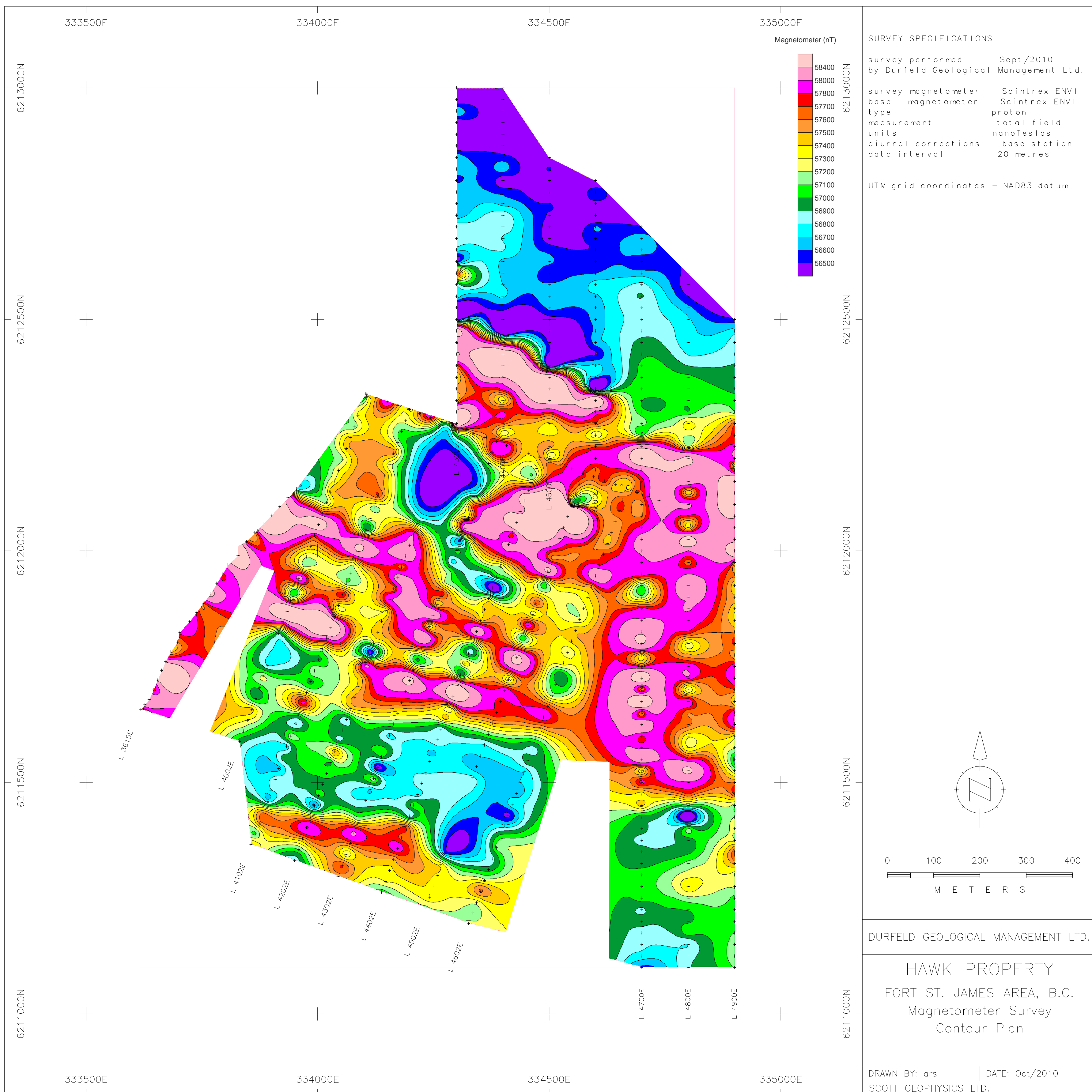


DURFELD GEOLOGICAL MANAGEMENT LTD.

HAWK PROPERTY
 FORT ST. JAMES AREA, B.C.
 Magnetometer Survey
 Profiles

DRAWN BY: ars DATE: Oct/2010
 SCOTT GEOPHYSICS LTD.

Figure 10

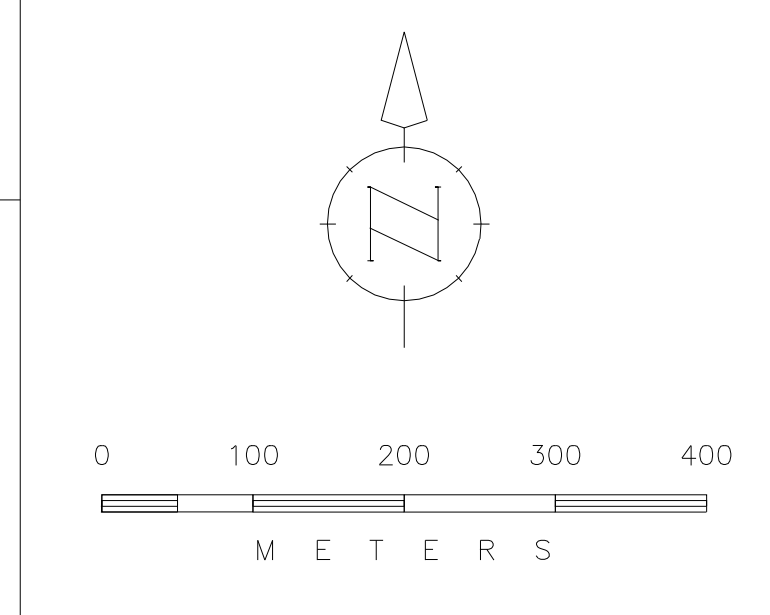


SURVEY SPECIFICATIONS

survey performed Sept/2010
 by Durfeld Geological Management Ltd.

survey magnetometer Scintrex ENVI
 base magnetometer Scintrex ENVI
 type proton
 measurement total field
 units nanoTeslas
 diurnal corrections base station
 data interval 20 metres

UTM grid coordinates - NAD83 datum



DURFELD GEOLOGICAL MANAGEMENT LTD.

HAWK PROPERTY
 FORT ST. JAMES AREA, B.C.
 Magnetometer Survey
 Contour Plan

DRAWN BY: ars DATE: Oct/2010
 SCOTT GEOPHYSICS LTD.

Figure 11

Item 14: Interpretation

The area of the Hawk property is underlain by phases of the Hogem Batholith, and the older Duckling Creek Syenite occurs in the southern property area. The property hosts two styles of mineralization. First, copper and gold mineralization occurs as disseminated sulphides hosted in altered Duckling Creek Syenite in the southeast property area. Second, east-west structurally controlled auriferous quartz veins intrude the Duckling Creek Syenite and younger Osilinka Granite in the central property area.

The 2010 program examined the southeast area of the property. This area of the property is underlain by a biotite migmatite/gneiss as west northwest trending inliers to a mesocratic granite.

The 2010 rock sampling shows the migmatite to be anomalous to strongly anomalous (172 to 11603 ppb) in gold, and sampling confirmed the auriferous quartz sulphide veins up to 22640 ppb gold. The 2010 soil sampling expanded the historic grid to the east and showed one anomalous site. The migmatite was mineralized with variable chalcopyrite which was reflected in the rock sampling (up to 23800 ppm copper). The 2010 soil sampling expanded the broad historic anomalous copper zone to the east.

The contents of the rocks varied, with most samples being monzonite and quartz; a few migmatite samples were collected. Values greater than 0.20 grams/tonne Au and greater than 470ppm Cu occurred in three of the migmatite samples. Values greater than 2.0 grams/tonne Au and 470ppm Cu occurred in eight of the quartz samples. There appeared to be a positive correlation between high Au and high Cu values as well as a positive correlation between hydrothermal alteration and higher Cu and Au values.

The magnetic survey figures 10 and 11 show a strong, slightly north of west structured fabric, aligning with, as an extension to the quartz veins. This suggests sharper, distinct geological contacts.

Item 15: Recommendations

Induced Polarization and magnetic surveys, in conjunction with soil and rock sampling, would identify the extent of porphyry copper and/or gold mineralization in the Duckling Creek Syenite in the southern area of the property.

The 2010 ground magnetic survey showed strong contrasts thought to reflect structural and lithological variations in the survey area. This suggests that expanding the magnetic survey area would be beneficial in mapping and defining areas for ongoing exploration.

Item 16: Cost Statement

HAWK COPPER / GOLD PROJECT					
SEPT 12, 2010 TO JUNE 15, 2011.					
Field Program					
Sept 12 to 25, 2010					
<u>GEOLOGY MAPPING, SOIL SAMPLING, MAG SURVEY SOUTHEAST AREA</u>					
<u>Travel / Room / Board</u>					
2	4X4 Pickup	2902	km	@ 1.00/km	\$2,902.00
Travel Expense (Mob/demob)					\$1,054.00
Camp Costs		24	manday		\$3,801.60
<u>Wages</u>					
Geologist	RM Durfeld, P.Geo (Sept 13 to Dec 31, 2010)	128	hour	@ \$100/hour	\$12,800.00
	RM Durfeld, P.Geo (Jan 1 to Jun 15, 2011)	20	hour	@ \$100/hour	\$2,000.00
Lead Hand	S. Lehman (Sept 13 to 24,2010)	91	hour	@ \$58/hour	\$5,278.00
Assistant	T. Tiley (Sept 13 to 24, 2010)	91	hour	@ \$36/hour	\$3,276.00
<u>Analytical</u>					
<u>2010 Sampling</u>					
	Rock Samples	18	rock	@ \$30.50	\$549.00
	Soil Samples	110	silt	@ \$23.10	\$2,541.00
<u>Rental</u>					
	Magnetometer	2	1 month	500	\$1,000.00
	Helicopter Charter (Interior Helicopters)	10.7	hour		\$18,155.00
<u>Report</u>					\$3,000.00
TOTAL HAWK PROJECT COST					\$56,356.60

Dated at Williams Lake, British Columbia this 10th day of June 2011.



R.M. Durfeld, B.Sc., P.Geo

Item 17: References

Carmichael, R.G. (2003). Geological, Geochemical, and Diamond Drilling Report on the Hawk Property, Assessment Report 27113.

Game, B.D. (1996). Geological, Geochemical, and Geophysical Report on the Hawk Gold Property, Assessment Report 24378.

Kahlert, B.H. (1992). Geochemical Assessment Report on the Haw Claim Group, Assessment Report 22605.

McCrossan, E. (1991). Geochemical Assessment Report on the Haw West, Haw East, Haw South, and DEN Claim Groups, Assessment Report 21713.

Nelson J, Carmichael B, and Gray M (2002) Innovative Gold Targets in the Pinchi Fault/Hogem Batholith Area, Geological Fieldwork 2002, Paper 2003-1

Redcorp Ventures Ltd. (2002). Hawk Property Summary.

Stevenson, D.B. (1991). A Geological, Geochemical, Geophysical and Diamond Drilling Report on the Hawk Property, Assessment Report 21412.

Item 18: Certificate of Author, Rudi M. Durfeld

I, Rudolf M. Durfeld, P.Geo. do hereby certify that:

1. I am currently employed as a consulting geologist by Durfeld Geological Management Ltd.
2. I am a graduate of the University of British Columbia, B.Sc. Geology 1972.
3. I am a member of the Canadian Institute of Mining and Metallurgy. That I am registered as a Professional Geoscientist by the Association of Engineers and

Geoscientists of B.C. (No. 18241).

4. I have worked as a geologist for some 30 plus years since my graduation from university.

5. I am the author of this report which is based on:
 - a. my supervision, observations and participation in the 2010 Hawk Exploration Project.
 - b. compilation of the 2010 results with all the previous data.
 - c. my personal knowledge of the property area and a review of available government maps and assessment reports.

Dated at Williams Lake, British Columbia this 10th day of June 2011.



R.M. Durfeld, B.Sc., P.Geo.

Appendix i

Hawk Property Sept 2010 Magnetometer Survey

UTM NAD 83		MAGNETIC READING			LOCAL GRID		CORRECTED - 1
EAST	NORTH	GAMMAS	NOISE	HOUR	EAST	NORTH	UNCORRECTED - 0
334900	6213350	43482.6	31.06	0.522222	4900	3350	1
334900	6212500	56500.4	2.81	13.95972	4900	2500	1
334900	6212475	56747.2	2.31	13.95333	4900	2475	1
334900	6212450	56850.9	2.18	13.94472	4900	2450	1
334900	6212425	56825.3	2.31	13.93306	4900	2425	1
334900	6212400	56913.9	2.92	13.9175	4900	2400	1
334900	6212375	56943.8	2.58	13.90861	4900	2375	1
334900	6212350	56946.1	2.36	13.89083	4900	2350	1
334900	6212325	57051.5	2.49	13.88	4900	2325	1
334900	6212300	57080.8	2.52	13.86389	4900	2300	1
334900	6212275	57681.2	2.13	13.85528	4900	2275	1
334900	6212250	57736	2.61	13.84917	4900	2250	1
334900	6212225	57874	2.79	13.84361	4900	2225	1
334900	6212200	58032	2.99	13.8375	4900	2200	1
334900	6212175	57368.1	1.84	13.83083	4900	2175	1
334900	6212150	59301.8	2.05	13.82167	4900	2150	1
334900	6212125	58712.9	2.13	13.81083	4900	2125	1
334900	6212100	59653.3	2.2	13.79972	4900	2100	1
334900	6212075	58629.6	1.74	10.95556	4900	2075	1
334900	6212050	58074.7	1.66	10.96806	4900	2050	1
334900	6212025	58215.3	2.03	10.98778	4900	2025	1
334900	6212000	58987.3	1.9	11.00167	4900	2000	1
334900	6211975	57567.9	2.89	11.02028	4900	1975	1
334900	6211950	57610.6	2.29	11.03639	4900	1950	1
334900	6211925	57386.6	4.72	11.04417	4900	1925	1
334900	6211900	57520.8	2.63	11.055	4900	1900	1
334900	6211875	57414.7	1.62	11.06167	4900	1875	1
334900	6211850	57394.9	1.83	11.06944	4900	1850	1
334900	6211825	57598.3	1.68	11.0775	4900	1825	1
334900	6211800	57749.4	1.84	11.08583	4900	1800	1
334900	6211775	57506.6	1.81	11.09472	4900	1775	1
334900	6211750	57893.5	2.1	11.10556	4900	1750	1
334900	6211725	57919.7	1.93	11.11556	4900	1725	1
334900	6211700	57707.9	1.83	11.12611	4900	1700	1
334900	6211675	57372.3	1.8	11.13472	4900	1675	1
334900	6211650	57939.2	1.81	11.17444	4900	1650	1
334900	6211625	57962.9	1.94	11.18611	4900	1625	1
334900	6211600	57331.8	1.75	11.20861	4900	1600	1
334900	6211575	57205.1	1.65	11.21778	4900	1575	1
334900	6211550	56932.7	3.52	11.22917	4900	1550	1
334900	6211525	57157.4	3.73	11.24028	4900	1525	1
334900	6211500	57593.9	2.54	11.25333	4900	1500	1
334900	6211475	57761.4	3.45	11.26444	4900	1475	1
334900	6211450	57122.1	1.95	11.27139	4900	1450	1
334900	6211425	57205.6	1.86	11.28028	4900	1425	1

Hawk Property Sept 2010 Magnetometer Survey

334900	6211400	57247.1	2.02	11.28833	4900	1400	1
334900	6211375	57207.1	1.63	11.29917	4900	1375	1
334900	6211350	57702.7	2.6	11.30694	4900	1350	1
334900	6211325	57560.3	1.76	11.31806	4900	1325	1
334900	6211300	57243.1	1.7	11.32833	4900	1300	1
334900	6211275	57227.2	2	11.33472	4900	1275	1
334900	6211250	57058.7	1.67	11.34306	4900	1250	1
334900	6211225	57099.9	1.91	11.35028	4900	1225	1
334900	6211200	57030.6	2.04	11.35806	4900	1200	1
334900	6211175	57100.3	1.93	11.36639	4900	1175	1
334900	6211150	57130.4	2.08	11.3725	4900	1150	1
334900	6211125	57172.3	2.06	11.37944	4900	1125	1
334900	6211100	57110.6	2.05	11.38639	4900	1100	1
334800	6211100	56883.8	2.07	11.91944	4800	1100	1
334800	6211125	56861.6	2.18	11.95917	4800	1125	1
334800	6211150	56805.9	2.89	11.97167	4800	1150	1
334800	6211175	57067.2	2.09	11.97972	4800	1175	1
334800	6211200	56976	1.97	11.99222	4800	1200	1
334800	6211225	57012.3	2.45	12.00194	4800	1225	1
334800	6211250	57176.8	7.44	12.01111	4800	1250	1
334800	6211275	57385.3	3.83	12.02722	4800	1275	1
334800	6211300	57242.2	1.77	12.03944	4800	1300	1
334800	6211325	57125.5	1.85	12.04889	4800	1325	1
334800	6211350	56948.5	2.32	12.05861	4800	1350	1
334800	6211375	56942.8	1.93	12.06639	4800	1375	1
334800	6211400	57115.1	1.93	12.08194	4800	1400	1
334800	6211425	56221.9	3.96	12.09194	4800	1425	1
334800	6211450	57076	8.84	12.11028	4800	1450	1
334800	6211475	57714	3.96	12.125	4800	1475	1
334800	6211500	57958.4	2.05	12.14361	4800	1500	1
334800	6211525	58518.6	4.05	12.15833	4800	1525	1
334800	6211550	57756.6	1.62	12.175	4800	1550	1
334800	6211575	57302.1	1.61	12.18833	4800	1575	1
334800	6211600	57331.4	2.16	12.20889	4800	1600	1
334800	6211625	57642.1	1.93	12.22639	4800	1625	1
334800	6211650	57608.3	3.1	12.24083	4800	1650	1
334800	6211675	57918.6	2.68	12.27528	4800	1675	1
334800	6211700	57195.3	1.75	12.29833	4800	1700	1
334800	6211725	57959	6.29	12.31333	4800	1725	1
334800	6211750	57898.9	2.16	12.32944	4800	1750	1
334800	6211775	57523	3.56	12.33944	4800	1775	1
334800	6211800	57260.1	1.79	12.35306	4800	1800	1
334800	6211825	57784.8	2.43	12.36917	4800	1825	1
334800	6211850	57932	1.85	12.38111	4800	1850	1
334800	6211875	58014.8	2.19	12.39722	4800	1875	1
334800	6211900	58020.3	2.23	12.41389	4800	1900	1
334800	6211925	58279.8	2.95	12.45028	4800	1925	1
334800	6211950	57982.1	1.69	12.47194	4800	1950	1

Hawk Property Sept 2010 Magnetometer Survey

334800	6211975	57658	2.74	12.48528	4800	1975	1
334800	6212000	58002.1	2.14	12.50306	4800	2000	1
334800	6212025	58717	5.48	12.54944	4800	2025	1
334800	6212050	57376.2	3.15	12.55944	4800	2050	1
334800	6212075	57789.2	2.03	12.56944	4800	2075	1
334800	6212100	58113.7	2.93	12.57694	4800	2100	1
334760	6212100	58459.1	1.93	13.06083	4700	2000	1
334737	6212109	58282.6	2.53	13.07	4675	2000	1
334713	6212117	57940.8	2.4	13.09472	4650	2000	1
334690	6212126	57721.8	2.18	13.1025	4625	2000	1
334666	6212134	57464.3	2.13	13.10833	4600	2000	1
334643	6212143	57465.7	2.25	13.11722	4575	2000	1
334619	6212151	57769.3	2.88	13.12417	4550	2000	1
334197	6212305				4100	2000	1
333855	6211366				4100	1000	1
334418	6211161				4700	1000	1
329663	6211829						1
334596	6212160	57663.7	1.8	13.13083	4525	2000	1
334572	6212168	57862	2.46	13.13778	4500	2000	1
334549	6212177	57980.3	3.36	13.14528	4475	2000	1
334525	6212186	57584.1	2.16	13.15556	4450	2000	1
334502	6212194	57520.3	1.98	13.1625	4425	2000	1
334478	6212203	57495.4	2.49	13.16889	4400	2000	1
334455	6212211	57429.6	3.36	13.175	4375	2000	1
334431	6212220	57569.4	2.16	13.18083	4350	2000	1
334408	6212228	57883.9	2.23	13.18722	4325	2000	1
334384	6212237	57778.6	2.16	13.19472	4300	2000	1
334361	6212245	57570.7	2.33	13.20528	4275	2000	1
334337	6212254	57521.8	1.98	13.21361	4250	2000	1
334314	6212262	57674.9	2.31	13.22028	4225	2000	1
334291	6212271	57448.1	1.83	13.25556	4200	2000	1
334267	6212280	57228.9	1.8	13.30389	4175	2000	1
334244	6212288	57866.3	2.19	13.32361	4150	2000	1
334220	6212297	57568.9	1.91	13.33389	4125	2000	1
334197	6212305	57382.8	1.9	13.37028	4100	2000	1
334173	6212314	57503.8	2.79	13.38472	4075	2000	1
334150	6212322	57987.5	2.36	13.41333	4050	2000	1
334126	6212331	57500.4	2.2	13.42972	4025	2000	1
334103	6212339	56839.5	2.79	13.44556	4000	2000	1
334668	6212134	57338.8	2.65	14.63944	4602	2000	1
334659	6212110	57679.8	1.96	14.65528	4602	1975	1
334651	6212087	57718.4	1.8	14.66222	4602	1950	1
334642	6212063	57536.8	2	14.67306	4602	1925	1
334634	6212040	57517.2	2.77	14.68556	4602	1900	1
334625	6212016	57475.4	1.99	14.745	4602	1875	1
334617	6211993	57708.6	2.16	14.77472	4602	1850	1
334608	6211969	57794.5	2.21	14.81389	4602	1825	1
334600	6211946	58320.6	2.83	14.84944	4602	1800	1

Hawk Property Sept 2010 Magnetometer Survey

334591	6211922	57530.7	2.27	14.8825	4602	1775	1
334582	6211899	57384.1	1.95	14.89639	4602	1750	1
334574	6211875	57269.1	2.27	14.91333	4602	1725	1
334565	6211852	57216.8	1.56	14.96361	4602	1700	1
334557	6211828	57470.4	1.82	15.00111	4602	1675	1
334548	6211805	57432.2	1.72	15.02417	4602	1650	1
334540	6211781	57215.2	2.87	15.07722	4602	1625	1
334531	6211758	57367	2.73	15.10056	4602	1600	1
334523	6211734	56921.2	1.99	15.12417	4602	1575	1
334514	6211711	57024.2	2.42	15.14556	4602	1550	1
334506	6211687	57160.8	2.28	15.18222	4602	1525	1
334497	6211664	57711.5	10.14	15.23028	4602	1500	1
334488	6211641	57875.7	2.11	15.25194	4602	1475	1
334480	6211617	57487.5	2.11	15.26306	4602	1450	1
334471	6211594	57143	2.13	15.28111	4602	1425	1
334463	6211570	56846	1.98	15.30333	4602	1400	1
334454	6211547	56961.4	1.86	15.32694	4602	1375	1
334446	6211523	56712.8	2.17	15.345	4602	1350	1
334437	6211500	56703	2.27	15.35861	4602	1325	1
334429	6211476	56611.3	3	15.37667	4602	1300	1
334420	6211453	56792.1	2.66	15.41944	4602	1275	1
334411	6211429	56479.1	3	15.43361	4602	1250	1
334403	6211406	56716.9	2.4	15.45639	4602	1225	1
334394	6211382	57045.9	2.87	15.47306	4602	1200	1
334386	6211359	57133.7	2.78	15.50556	4602	1175	1
334377	6211335	56873.3	2.17	15.52583	4602	1150	1
334369	6211312	56934.9	3.99	15.53833	4602	1125	1
334360	6211288	57248.9	2.23	15.54944	4602	1100	1
334352	6211265	57620.4	2.22	15.60833	4602	1075	1
334343	6211241	57249	1.9	15.62111	4602	1050	1
334335	6211218	57136.5	2.53	15.63556	4602	1025	1
334326	6211195	57218.7	2.25	15.68361	4602	1000	1
334700	6211100	56573.1	1.82	16.05528	4700	1100	1
334700	6211125	56769.2	1.97	16.07444	4700	1125	1
334700	6211150	56831	2.25	16.085	4700	1150	1
334700	6211175	56857.5	1.8	16.09361	4700	1175	1
334700	6211200	56941.8	2.08	16.10417	4700	1200	1
334700	6211225	56878.1	2.4	16.11306	4700	1225	1
334700	6211250	57062.8	2.12	16.12417	4700	1250	1
334700	6211275	57035.4	1.98	16.13778	4700	1275	1
334700	6211300	57059.2	2.35	16.14889	4700	1300	1
334700	6211325	56937.9	2.18	16.16056	4700	1325	1
334700	6211350	56952.6	2.13	16.17583	4700	1350	1
334700	6211375	56850.9	2.07	16.18833	4700	1375	1
334700	6211400	56962.7	1.96	16.19889	4700	1400	1
334700	6211425	56930.8	3.36	16.21194	4700	1425	1
334700	6211450	57440.3	2.53	16.23111	4700	1450	1
334700	6211475	57337.6	1.96	16.24722	4700	1475	1

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334700	6211500	57848.8	1.83	16.26194	4700	1500	1
334700	6211525	57345.8	1.85	16.27889	4700	1525	1
334700	6211550	58380.3	2.45	16.29528	4700	1550	1
334700	6211575	57937.6	1.53	16.32389	4700	1575	1
334700	6211600	57784.3	1.76	16.34806	4700	1600	1
334700	6211625	58372.8	3.79	16.36611	4700	1625	1
334700	6211650	57604.4	2.96	16.38389	4700	1650	1
334700	6211675	59151.3	6.4	16.40778	4700	1675	1
334700	6211700	57550	5.24	16.42833	4700	1700	1
334700	6211725	58947.7	4.79	16.45139	4700	1725	1
334700	6211750	57657.6	1.91	16.47167	4700	1750	1
334700	6211775	57404.4	1.74	16.49333	4700	1775	1
334700	6211800	58443.1	2.48	16.50861	4700	1800	1
334700	6211825	58339.7	1.86	16.57111	4700	1825	1
334700	6211850	58008.8	1.67	16.59333	4700	1850	1
334700	6211875	57846.3	1.98	16.64167	4700	1875	1
334700	6211900	57145.2	3.36	16.66	4700	1900	1
334700	6211925	57093.7	7.28	16.69528	4700	1925	1
334700	6211950	57931.2	4.07	16.72472	4700	1950	1
334700	6211975	57949.3	2.35	16.77889	4700	1975	1
334700	6212000	58032.5	2.74	16.79056	4700	2000	1
334700	6212025	58119.7	4.54	16.79917	4700	2025	1
334700	6212050	57838.3	2.64	16.8075	4700	2050	1
334700	6212075	57594.7	1.57	16.81667	4700	2075	1
334700	6212100	57567.5	1.58	16.82972	4700	2100	1
334574	6212168	57911.2	2.77	14.80917	4502	2000	1
334566	6212144	57615.6	2.67	14.86694	4502	1975	1
334557	6212121	57406.2	2.4	14.88111	4502	1950	1
334548	6212097	57632.4	2.63	14.89278	4502	1925	1
334540	6212074	63067.7	5.4	15.04222	4502	1900	1
334531	6212050	58580.4	5.85	15.12389	4502	1875	1
334523	6212027	58147.9	3.88	15.17667	4502	1850	1
334514	6212003	57798.2	2.88	15.19778	4502	1825	1
334506	6211980	57608.3	3.34	15.23556	4502	1800	1
334497	6211956	58525.2	3.43	15.26056	4502	1775	1
334489	6211933	57133.9	7.31	15.29944	4502	1750	1
334480	6211909	57264.4	6.82	15.3225	4502	1725	1
334471	6211886	57660.4	4.34	15.34056	4502	1700	1
334463	6211863	57248.4	2.94	15.36472	4502	1675	1
334454	6211839	57897.5	4.16	15.44667	4502	1650	1
334446	6211816	57048.8	3.91	15.4675	4502	1625	1
334437	6211792	57524	3.63	15.49222	4502	1600	1
334429	6211769	58590.2	3.29	15.53472	4502	1575	1
334420	6211745	57962.5	3.07	15.55556	4502	1550	1
334412	6211722	57236.6	3.09	15.57639	4502	1525	1
334403	6211698	57958.2	5.86	15.60611	4502	1500	1
334395	6211675	57721.2	3.3	15.62833	4502	1475	1
334386	6211651	57783.9	3.5	15.65028	4502	1450	1

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334377	6211628	57507.6	3.78	15.66833	4502	1425	1
334369	6211604	57123.1	6.91	15.695	4502	1400	1
334360	6211581	56798.2	3.82	15.7275	4502	1375	1
334352	6211557	56711.8	3.73	15.76056	4502	1350	1
334343	6211534	56602.5	3.21	15.78917	4502	1325	1
334335	6211510	56819.5	3.66	15.80611	4502	1300	1
334275	6211346	56569.1	14.22	10.77694	4502	1125	1
334266	6211323	57347.5	2.16	10.78861	4502	1100	1
334258	6211299	57383.8	1.5	10.80972	4502	1075	1
334249	6211276	57355.5	1.51	10.82222	4502	1050	1
334241	6211252	57392.4	1.54	10.82972	4502	1025	1
334232	6211229	57170	1.41	10.84417	4502	1000	1
334138	6211263	57052.3	1.77	11.01667	4402	1000	1
334147	6211286	57324.8	2.25	11.05028	4402	1025	1
334155	6211310	57372.4	1.74	11.06	4402	1050	1
334164	6211333	57513	1.98	11.06944	4402	1075	1
334172	6211357	57893.4	1.96	11.07611	4402	1100	1
334181	6211380	57655.3	1.65	11.08528	4402	1125	1
334189	6211404	57700.3	2.15	11.09472	4402	1150	1
334198	6211427	56819.9	3.23	11.10361	4402	1175	1
334207	6211451	57069.7	1.81	11.11361	4402	1200	1
334215	6211474	56717.7	1.65	11.125	4402	1225	1
334224	6211498	56897.1	1.75	11.1325	4402	1250	1
334232	6211521	56777.9	1.78	11.14417	4402	1275	1
334241	6211545	56743.7	1.69	11.15278	4402	1300	1
334249	6211568	56694.4	1.79	11.16139	4402	1325	1
334258	6211592	56883.3	1.92	11.16944	4402	1350	1
334266	6211615	56828.6	1.86	11.18	4402	1375	1
334275	6211639	57470.3	2.35	11.20222	4402	1400	1
334284	6211662	57234.6	1.56	11.21556	4402	1425	1
334292	6211685	58796.1	9.29	11.22833	4402	1450	1
334301	6211709	58514.6	1.76	11.24028	4402	1475	1
334309	6211732	56926.7	2.61	11.2525	4402	1500	1
334318	6211756	57378.5	2.26	11.26194	4402	1525	1
334326	6211779	56850.2	1.96	11.27278	4402	1550	1
334335	6211803	57244.8	2.16	11.28667	4402	1575	1
334343	6211826	58253	5.26	11.3025	4402	1600	1
334352	6211850	57448.3	1.96	11.32694	4402	1625	1
334360	6211873	57430.8	1.61	11.34472	4402	1650	1
334369	6211897	57287.3	1.64	11.35472	4402	1675	1
334378	6211920	56315.1	2.91	11.36806	4402	1700	1
334386	6211944	57015.6	3.07	11.38611	4402	1725	1
334395	6211967	57237.5	1.83	11.41306	4402	1750	1
334403	6211991	57845.9	1.84	11.43806	4402	1775	1
334412	6212014	58053	2.2	11.49028	4402	1800	1
334420	6212038	57794.4	2.97	11.50278	4402	1825	1
334429	6212061	59407.9	15.07	11.53028	4402	1850	1
334437	6212085	58085.3	2.51	11.56222	4402	1875	1

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334446	6212108	58792.4	9.3	11.57667	4402	1900	1
334455	6212131	57997.1	2.03	11.58806	4402	1925	1
334463	6212155	57160.9	1.63	11.59694	4402	1950	1
334472	6212178	57280.1	2.04	11.60444	4402	1975	1
334480	6212202	57578.1	1.87	11.61722	4402	2000	1
334574	6212168	57756.3	1.71	11.69222	4502	2000	1
334386	6212236	57738.8	1.41	12.14444	4302	2000	1
334386	6212236	57740.7	1.8	12.18417	4302	2000	1
334378	6212213	57879.3	1.61	12.20361	4302	1975	1
334369	6212189	57169.7	1.65	12.21111	4302	1950	1
334361	6212166	56864	1.83	12.22111	4302	1925	1
334352	6212142	56714.8	1.6	12.235	4302	1900	1
334344	6212119	56931.5	1.96	12.24694	4302	1875	1
334335	6212095	57686	3.38	12.25861	4302	1850	1
334326	6212072	57428.2	1.96	12.27194	4302	1825	1
334318	6212048	58153	2.19	12.28083	4302	1800	1
334309	6212025	56618.8	4.25	12.29167	4302	1775	1
334301	6212001	57028.5	1.79	12.30083	4302	1750	1
334292	6211978	56764.2	1.57	12.30694	4302	1725	1
334284	6211954	57141.6	2	12.31389	4302	1700	1
334275	6211931	57190.7	2.31	12.32	4302	1675	1
334267	6211907	57776.5	2.98	12.32611	4302	1650	1
334258	6211884	57411.3	2.42	12.33417	4302	1625	1
334249	6211861	58346.1	2.34	12.35111	4302	1600	1
334241	6211837	57326.4	2.88	12.35917	4302	1575	1
334232	6211814	58331.8	3.23	12.36944	4302	1550	1
334224	6211790	57678.3	1.8	12.37583	4302	1525	1
334215	6211767	56984.7	1.87	12.38083	4302	1500	1
334207	6211743	57537.7	5.28	12.38694	4302	1475	1
334198	6211720	58567.6	9.32	12.39611	4302	1450	1
334190	6211696	58008.9	1.97	12.40389	4302	1425	1
334181	6211673	57718.8	1.94	12.41778	4302	1400	1
334173	6211649	57344.9	1.96	12.4325	4302	1375	1
334164	6211626	57076.8	1.7	12.45111	4302	1350	1
334155	6211602	56774.3	2.79	12.46444	4302	1325	1
334147	6211579	56972.6	2.95	12.47556	4302	1300	1
334138	6211555	57021.7	1.96	12.485	4302	1275	1
334130	6211532	56428.7	3.73	12.49639	4302	1250	1
334121	6211508	57159.4	1.99	12.50333	4302	1225	1
334113	6211485	56706.2	4.35	12.51861	4302	1200	1
334104	6211461	56804.7	1.91	12.52861	4302	1175	1
334096	6211438	56970.7	2.06	12.53583	4302	1150	1
334087	6211414	57261.2	3.1	12.55	4302	1125	1
334078	6211391	58032.7	2.28	12.55694	4302	1100	1
334070	6211368	57675.7	1.83	12.56389	4302	1075	1
334061	6211344	57226.6	1.78	12.57139	4302	1050	1
334053	6211321	57696.2	1.97	12.57972	4302	1025	1
334044	6211297	57544.4	1.88	12.59139	4302	1000	1

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333950	6211331	56831.6	1.93	12.96806	4202	1000	1
333959	6211355	57121.5	2.68	12.98444	4202	1025	1
333967	6211378	57535.7	3.68	13.00278	4202	1050	1
333976	6211402	58011.5	4.38	13.01278	4202	1075	1
333985	6211425	57453.5	2.14	13.02194	4202	1100	1
333993	6211449	56586.6	2.59	13.03	4202	1125	1
334002	6211472	57049	2.35	13.03889	4202	1150	1
334010	6211496	56907.2	2.43	13.04611	4202	1175	1
334019	6211519	57068.7	2.77	13.06417	4202	1200	1
334027	6211543	57003.5	2.44	13.07583	4202	1225	1
334036	6211566	57482.8	5.51	13.08306	4202	1250	1
334044	6211590	56873.7	2.41	13.09889	4202	1275	1
334053	6211613	56995.6	3.24	13.10944	4202	1300	1
334062	6211636	56835.8	3.85	13.11833	4202	1325	1
334070	6211660	57391.9	3.18	13.12611	4202	1350	1
334079	6211683	57517.7	2.32	13.13444	4202	1375	1
334087	6211707	57415.3	2.52	13.14194	4202	1400	1
334096	6211730	57559.9	8.13	13.15444	4202	1425	1
334104	6211754	57993.5	9.73	13.16139	4202	1450	1
334113	6211777	56471.7	2.73	13.17083	4202	1475	1
334121	6211801	57258.6	3.06	13.17778	4202	1500	1
334130	6211824	57455.3	2.33	13.19361	4202	1525	1
334138	6211848	57431.8	2.4	13.20611	4202	1550	1
334147	6211871	57338.7	1.64	13.21528	4202	1575	1
334156	6211895	57982.2	6.12	13.2275	4202	1600	1
334164	6211918	57620.4	2.2	13.23889	4202	1625	1
334173	6211942	58151.1	4.03	13.25306	4202	1650	1
334181	6211965	57629	2.7	13.2625	4202	1675	1
334190	6211989	58255.9	9.3	13.27111	4202	1700	1
334198	6212012	58027.2	2.72	13.28417	4202	1725	1
334207	6212036	57948.7	2.73	13.29028	4202	1750	1
334215	6212059	57074.9	2.07	13.29722	4202	1775	1
334224	6212083	47684.7	33.49	13.30667	4202	1800	1
334233	6212106	38480.7	29.37	13.31861	4202	1825	1
334241	6212129	24690.5	24.35	13.335	4202	1850	1
334250	6212153	17815.2	21.37	13.3475	4202	1875	1
334258	6212176	66563.9	39.79	13.36583	4202	1900	1
334267	6212200	46507.3	34.09	13.38917	4202	1925	1
334275	6212223	31707.7	26.66	13.39722	4202	1950	1
334284	6212247	24635.3	25.83	13.40556	4202	1975	1
334292	6212270	15808.4	20.73	13.42611	4202	2000	1
334386	6212236	60925.6	39.31	13.48722	4302	2000	1
334386	6212236	57775.1	2.11	13.51778	4302	2000	1
334292	6212270	57502.2	2.04	13.64139	4202	2000	1
334198	6212305	57255.9	2.01	13.70833	4102	2000	1
334198	6212305	57265.3	1.67	13.73722	4102	2000	1
334190	6212281	57246.7	1.64	13.75	4102	1975	1
334181	6212258	57082.4	1.74	13.75806	4102	1950	1

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334173	6212234	57154.5	2.18	13.76639	4102	1925	1
334164	6212211	57550.5	1.86	13.77722	4102	1900	1
334156	6212187	57236.6	2.02	13.78778	4102	1875	1
334147	6212164	57479.5	1.88	13.79361	4102	1850	1
334139	6212140	57535.6	1.92	13.79917	4102	1825	1
334130	6212117	57684.7	1.81	13.80722	4102	1800	1
334122	6212093	57145.8	1.89	13.81333	4102	1775	1
334113	6212070	57281.1	2.31	13.82361	4102	1750	1
334104	6212046	56917.9	2.1	13.83222	4102	1725	1
334096	6212023	58127.4	3.3	13.84083	4102	1700	1
334087	6211999	58414.5	1.79	13.84806	4102	1675	1
334079	6211976	57333.1	1.89	13.85778	4102	1650	1
334070	6211952	57162.9	2.05	13.865	4102	1625	1
334062	6211929	57129.8	2.3	13.87278	4102	1600	1
334053	6211905	57806.9	1.93	13.88278	4102	1575	1
334045	6211882	57340.3	1.89	13.89139	4102	1550	1
334036	6211858	57721.7	2.13	13.89889	4102	1525	1
334027	6211835	59507.3	1.95	13.92889	4102	1500	1
334019	6211812	58047.8	2.35	13.94028	4102	1475	1
334010	6211788	57180.5	1.73	13.95167	4102	1450	1
334002	6211765	56968.6	2.26	13.96028	4102	1425	1
333993	6211741	57190.6	2.21	14.00583	4102	1400	1
333985	6211718	56970.4	2.8	14.05667	4102	1375	1
333976	6211694	57301.9	2.62	14.06472	4102	1350	1
333968	6211671	57837.2	2.03	14.07111	4102	1325	1
333959	6211647	57062	1.9	14.07861	4102	1300	1
333951	6211624	56799.3	2.19	14.08639	4102	1275	1
333942	6211600	57163.9	2.07	14.09278	4102	1250	1
333933	6211577	56757.1	1.87	14.10111	4102	1225	1
333925	6211553	56945.7	2.24	14.11056	4102	1200	1
333916	6211530	56668.8	1.89	14.12139	4102	1175	1
333908	6211506	56866	2.26	14.13194	4102	1150	1
333899	6211483	56791.9	1.97	14.15278	4102	1125	1
333891	6211459	56735.5	2.27	14.16389	4102	1100	1
333882	6211436	57563.4	2.96	14.17417	4102	1075	1
333874	6211412	57548.6	1.79	14.18361	4102	1050	1
333865	6211389	57079.3	1.82	14.19167	4102	1025	1
333856	6211366	57426	1.88	14.20111	4102	1000	1
333831	6211588	56964.7	2.07	14.51639	4002	1200	1
333840	6211611	57129.6	2.57	14.56472	4002	1225	1
333848	6211634	57285.1	2.4	14.58778	4002	1250	1
333857	6211658	57424.3	2.06	14.62028	4002	1275	1
333865	6211681	56976.2	2.27	14.70194	4002	1300	1
333874	6211705	57037.7	2.48	14.76639	4002	1325	1
333882	6211728	57232.6	1.72	14.79861	4002	1350	1
333891	6211752	56794.1	1.89	14.825	4002	1375	1
333899	6211775	56785.4	2.12	14.83	4002	1400	1
333908	6211799	56800.5	1.9	14.85333	4002	1425	1

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333916	6211822	56911.7	2.33	14.87528	4002	1450	1
333925	6211846	57956.8	2.26	14.90056	4002	1475	1
333934	6211869	59366.4	2.61	14.92361	4002	1500	1
333942	6211893	57414.2	3.02	14.94083	4002	1525	1
333951	6211916	57096.9	1.82	14.94944	4002	1550	1
333959	6211940	58116.7	2.61	14.96472	4002	1575	1
333968	6211963	57251.8	1.89	15.45028	4002	1600	1
333976	6211987	57206.9	1.98	15.45722	4002	1625	1
333985	6212010	57493.3	2.08	15.46722	4002	1650	1
333993	6212034	57790.7	3	15.47528	4002	1675	1
334002	6212057	58800.2	2.72	15.48333	4002	1700	1
334011	6212080	57754.4	2.3	15.49389	4002	1725	1
334019	6212104	57177.3	2.36	15.50139	4002	1750	1
334028	6212127	57447	2.19	15.50833	4002	1775	1
334036	6212151	57299.1	2.12	15.52083	4002	1800	1
334045	6212174	57293.6	2.28	15.53139	4002	1825	1
334053	6212198	57187	2.26	15.53833	4002	1850	1
334062	6212221	57447.6	1.95	15.55	4002	1875	1
334070	6212245	57418.3	2.24	15.61639	4002	1900	1
334079	6212268	57133.3	2.19	15.6275	4002	1925	1
334087	6212292	57310.7	2.14	15.64111	4002	1950	1
334096	6212315	57215.3	2.48	15.66944	4002	1975	1
334105	6212339	57269.1	1.95	15.68417	4002	2000	1
334198	6212305	57399.1	2.04	15.73778	4102	2000	1
333618		57611.2	2.46	16.6	3615	27	1
333627		58125.9	2.42	16.61778	3615	26	1
333636	6211679	58368.9	2.37	16.62639	3615	25	1
333645	6211700	57747.9	2.17	16.63389	3615	24	1
333654	6211721	58473.6	2.17	16.65611	3615	23	1
333663	6211742	59563	2.56	16.67111	3615	22	1
333671	6211761	58288.2	2.43	16.68139	3615	21	1
333683	6211782	57459.9	1.99	16.69194	3615	20	1
		57450.2	2.32	16.7025	3615	20	1
333697	6211803	57588.4	2.38	16.70972	3615	19	1
		57589.5	2.52	16.71417	3615	19	1
		57528.4	2.35	16.72111	3615	19	1
333701	8211824	57828.9	2.3	16.72806	3615	18	1
		57824.6	2.49	16.73333	3615	18	1
333723	6211847	57893.7	2.32	16.7425	3615	17	1
333738	6211867	57776.6	2.58	16.75139	3615	16	1
333753	6211887	57647.2	2.22	16.76194	3615	15	1
333768	6211907	58543.4	2.14	16.77333	3615	14	1
333782	6211930	57918.7	2.02	16.78278	3615	13	1
333794	6211950	57805.7	2.52	16.79833	3615	12	1
333806	6211970	58171.7	2.73	16.80861	3615	11	1
333828	6211990	59094.2	3.4	16.81639	3615	10	1
333828	6212011	58791.7	2.73	16.84556	3615	9	1
333846	6212020	57810.4	2.05	16.86139	3615	8	1

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333864	6212039	57574.7	2.69	16.87167	3615	7	1
333882	6212058	58968.3	2.71	16.88222	3615	6	1
333900	6212077	58932.9	2.88	16.89139	3615	5	1
333918	6212096	58470.4	2.35	16.90361	3615	4	1
333936	6212115	58250.8	2.14	16.91111	3615	3	1
333954	6212134	56780.1	2.27	16.91972	3615	2	1
333955	6212162	57040	2.44	16.92639	3615	1	1
		57248.5	3.13	17.06806	4102	2000	1
334400	6212250	57553.6	1.82	9.374167	4400	2250	1
334400	6212275	57695.3	2.25	9.423333	4400	2275	1
334400	6212300	57794.9	1.95	9.448333	4400	2300	1
334400	6212325	57327	1.97	9.469444	4400	2325	1
334400	6212350	57858.5	2.05	9.494444	4400	2350	1
334400	6212375	58376.4	2.94	9.520278	4400	2375	1
334400	6212400	60327.6	1.92	9.554722	4400	2400	1
334400	6212425	58846.8	2.03	9.574167	4400	2425	1
334400	6212450	57507.9	1.94	9.594167	4400	2450	1
334400	6212475	55994.9	2.18	9.623056	4400	2475	1
334400	6212500	56362	2.79	9.632778	4400	2500	1
334400	6212525	56558.4	2.44	9.662778	4400	2525	1
334400	6212550	56716.7	2.07	9.674722	4400	2550	1
334400	6212575	56698.2	2.21	9.685833	4400	2575	1
334400	6212600	56678.8	2.02	9.700556	4400	2600	1
334400	6212625	56675.5	2.09	9.740556	4400	2625	1
334400	6212650	56811.4	1.96	9.758333	4400	2650	1
334400	6212675	56792.9	2.06	9.771389	4400	2675	1
334400	6212700	56862.1	1.93	9.796667	4400	2700	1
334400	6212725	56873.5	2.18	9.834167	4400	2725	1
334400	6212750	56663.9	1.81	9.850833	4400	2750	1
334400	6212775	56575.3	1.85	9.883333	4400	2775	1
334400	6212800	56419.6	1.93	9.896111	4400	2800	1
334400	6212825	56664.2	1.89	9.926111	4400	2825	1
334400	6212850	56534.7	1.88	9.950278	4400	2850	1
334400	6212875	56436.2	1.73	9.971111	4400	2875	1
334400	6212900	56472.2	1.73	10.02056	4400	2900	1
334400	6212925	56382.8	1.87	10.05806	4400	2925	1
334400	6212950	56424.9	1.65	10.07917	4400	2950	1
334400	6212975	56448.5	1.89	10.10361	4400	2975	1
334400	6213000	56503.6	1.66	10.12167	4400	3000	1
334500	6212850	56294.2	1.59	10.62694	4500	2850	1
334500	6212825	56512.6	2.39	10.64278	4500	2825	1
334500	6212800	56318.9	1.72	10.65278	4500	2800	1
334500	6212775	56192.4	1.74	10.67833	4500	2775	1
334500	6212750	56507.3	2.14	10.69306	4500	2750	1
334500	6212725	56472.6	1.72	10.70306	4500	2725	1
334500	6212700	56437.4	1.6	10.71222	4500	2700	1
334500	6212675	56424.7	1.9	10.725	4500	2675	1
334500	6212650	56566.5	1.77	10.73583	4500	2650	1

Hawk Property Sept 2010 Magnetometer Survey

334500	6212625	56616.7	1.94	10.75694	4500	2625	1
334500	6212600	56548.9	1.91	10.78	4500	2600	1
334500	6212575	56613.2	1.83	10.80972	4500	2575	1
334500	6212550	56686.5	1.67	10.87556	4500	2550	1
334500	6212525	56652.6	1.68	10.88417	4500	2525	1
334500	6212500	56462.2	1.72	10.89306	4500	2500	1
334500	6212475	56391.7	2.42	10.90306	4500	2475	1
334500	6212450	56472.3	1.79	10.91167	4500	2450	1
334500	6212425	56450.3	1.83	10.92139	4500	2425	1
334500	6212400	56225.7	2	10.93222	4500	2400	1
334500	6212375	59026	2.27	10.98361	4500	2375	1
334500	6212350	59328	2.49	11.01528	4500	2350	1
334500	6212325	58765.4	2.34	11.02389	4500	2325	1
334500	6212300	57843	1.96	11.04167	4500	2300	1
334500	6212275	57394.1	1.55	11.075	4500	2275	1
334500	6212250	57376.4	1.78	11.09972	4500	2250	1
334500	6212225	57548.6	1.87	11.11472	4500	2225	1
334500	6212200	57217.9	1.62	11.13194	4500	2200	1
334400	6212250	57228	2.85	11.22222	4400	2250	1
334300	6212275	59075.7	1.88	11.70694	4300	2275	1
334300	6212300	58473.5	2.22	11.73056	4300	2300	1
334300	6212325	57471.2	2.36	11.74083	4300	2325	1
334300	6212350	57542.5	2.05	11.74722	4300	2350	1
334300	6212375	57423.3	2.41	11.75417	4300	2375	1
334300	6212400	57705.7	2.49	11.76778	4300	2400	1
334300	6212425	58416.2	2.08	11.78333	4300	2425	1
334300	6212450	57969.9	2.26	11.79611	4300	2450	1
334300	6212475	58663.7	5.26	11.87333	4300	2475	1
334300	6212500	56262	2.32	11.885	4300	2500	1
334300	6212525	56208.6	3.33	11.89472	4300	2525	1
334300	6212550	56771.7	2.38	11.91667	4300	2550	1
334300	6212575	56838.9	2.35	11.92694	4300	2575	1
334300	6212600	57692.5	2.37	11.94639	4300	2600	1
334300	6212625	56470.1	2.07	11.9575	4300	2625	1
334300	6212650	56758.3	2.35	11.96528	4300	2650	1
334300	6212675	56832.9	2.19	11.97556	4300	2675	1
334300	6212700	56867.2	2.29	11.98417	4300	2700	1
334300	6212725	56630.4	2.22	11.99333	4300	2725	1
334300	6212750	56631.3	1.8	12.00222	4300	2750	1
334300	6212775	56676.8	2.33	12.01028	4300	2775	1
334300	6212800	56584	2.39	12.01944	4300	2800	1
334300	6212825	56641.8	2.26	12.02667	4300	2825	1
334300	6212850	56690.8	2.02	12.03778	4300	2850	1
334300	6212875	56349.3	5.32	12.04917	4300	2875	1
334300	6212900	56397.7	2.17	12.05806	4300	2900	1
334300	6212925	56377.4	3.1	12.06833	4300	2925	1
334300	6212950	56701.1	2.16	12.08472	4300	2950	1
334300	6212975	56369.9	2.05	12.09639	4300	2975	1

Hawk Property Sept 2010 Magnetometer Survey

334300	6213000	56270.7	2.25	12.10833	4300	3000	1
334600	6212800	56328.6	2.03	12.41222	4600	2800	1
334600	6212775	56588.5	2.59	12.42556	4600	2775	1
334600	6212750	56437.3	3.57	12.43556	4600	2750	1
334600	6212725	56278.1	2.11	12.44528	4600	2725	1
334600	6212700	56609.5	2.46	12.45861	4600	2700	1
334600	6212675	56524.9	1.86	12.46806	4600	2675	1
334600	6212650	56509.9	1.68	12.47722	4600	2650	1
334600	6212625	56540.5	1.87	12.49306	4600	2625	1
334600	6212600	56595.6	1.7	12.51444	4600	2600	1
334600	6212575	56750.7	2.04	12.52861	4600	2575	1
334600	6212550	56681.4	1.78	12.54694	4600	2550	1
334600	6212525	56645.2	1.82	12.57028	4600	2525	1
334600	6212500	56646.4	1.77	12.58472	4600	2500	1
334600	6212475	56627.1	1.72	12.60639	4600	2475	1
334600	6212450	56665.9	2.02	12.62083	4600	2450	1
334600	6212425	56491.2	2.43	12.63222	4600	2425	1
334600	6212400	56719.2	1.92	12.64667	4600	2400	1
334600	6212375	56662.9	1.69	12.65778	4600	2375	1
334600	6212350	56104.7	2.12	12.66944	4600	2350	1
334600	6212325	59064.9	2.32	12.70917	4600	2325	1
334600	6212300	57954.5	2.5	12.71722	4600	2300	1
334600	6212275	57688.1	1.76	12.73444	4600	2275	1
334600	6212250	57204.9	1.77	12.74694	4600	2250	1
334600	6212225	57691.6	2.08	12.75972	4600	2225	1
334600	6212200	57948.4	2.18	12.76972	4600	2200	1
334600	6212175	57647.2	1.98	12.77944	4600	2175	1
334500	6212200	57229.6	1.78	12.84667	4500	2200	1
334700	6212125	57679.5	2.1	12.96639	4700	2125	1
334700	6212150	57733.8	2.4	13.00556	4700	2150	1
334700	6212175	58063.7	2.4	13.0175	4700	2175	1
334700	6212200	59029.9	2.67	13.05639	4700	2200	1
334700	6212225	58242.2	3.37	13.06361	4700	2225	1
334700	6212250	57046.8	3.1	13.07111	4700	2250	1
334700	6212275	57160.1	2.61	13.07722	4700	2275	1
334700	6212300	57031.7	2.31	13.0825	4700	2300	1
334700	6212325	57001.5	2.61	13.09306	4700	2325	1
334700	6212350	57092.4	2.33	13.10306	4700	2350	1
334700	6212375	57032.5	2.34	13.11167	4700	2375	1
334700	6212400	57021.8	2.16	13.13722	4700	2400	1
334700	6212425	56967.5	2.27	13.14639	4700	2425	1
334700	6212450	56926.7	2.22	13.15861	4700	2450	1
334700	6212475	56850.2	2.15	13.16778	4700	2475	1
334700	6212500	56820.7	2.32	13.17861	4700	2500	1
334700	6212525	56840.9	2.17	13.18722	4700	2525	1
334700	6212550	56907.4	2.14	13.1975	4700	2550	1
334700	6212575	56829.2	2.47	13.21361	4700	2575	1
334700	6212600	56648	2.28	13.22083	4700	2600	1

Hawk Property Sept 2010 Magnetometer Survey

334700	6212625	56500.4	2.09	13.22972	4700	2625	1
334700	6212650	56687.2	2.18	13.23917	4700	2650	1
334700	6212675	56649.4	2.1	13.24833	4700	2675	1
334700	6212700	56498.7	2.36	13.25889	4700	2700	1
334800	6212600	56451.2	1.88	13.41056	4800	2600	1
334800	6212575	56411.9	2.29	13.44611	4800	2575	1
334800	6212550	56498.7	2.03	13.48417	4800	2550	1
334800	6212525	56623	2.13	13.50083	4800	2525	1
334800	6212500	56712	2.37	13.51167	4800	2500	1
334800	6212475	56737.6	1.77	13.53028	4800	2475	1
334800	6212450	56733.6	2.03	13.54167	4800	2450	1
334800	6212425	56792.3	2.07	13.555	4800	2425	1
334800	6212400	56892.7	2	13.57667	4800	2400	1
334800	6212375	57024.7	2.16	13.5925	4800	2375	1
334800	6212350	57050.6	2.22	13.60667	4800	2350	1
334800	6212325	57074.2	2.28	13.61889	4800	2325	1
334800	6212300	57001.9	3.65	13.635	4800	2300	1
334800	6212275	57338.5	3.24	13.6475	4800	2275	1
334800	6212250	57229	2.23	13.66083	4800	2250	1
334800	6212225	57206.5	1.7	13.67361	4800	2225	1
334800	6212200	58505.7	3.28	13.68444	4800	2200	1
334800	6212175	58259.3	2.02	13.69111	4800	2175	1
334800	6212150	58305.5	1.97	13.70167	4800	2150	1
334800	6212125	57406.5	2.53	13.71056	4800	2125	1
334800	6212100	58034.3	2.35	13.72167	4800	2100	1

Appendix ii

2010 Soil Samples

L49E 32+25N	4900	3225	334900	6213225	5	0.2	0.29	5	30	1	5	0.03	1	1	2	4	0.81	5	0.02	2	2	0.02	115	1	0.01	1	250	3	0.01	5	1	10	5	14	0.01	5	24	5	1	6
L49E 32+50N	4900	3250	334900	6213250	5	0.2	0.25	5	24	1	5	0.03	1	1	2	4	0.78	5	0.02	2	2	0.02	55	1	0.01	1	160	3	0.01	5	1	10	5	18	0.01	5	24	5	1	4
L49E 32+75N	4900	3275	334900	6213275	5	0.2	0.56	5	100	1	5	0.07	1	2	2	12	1.31	5	0.03	2	2	0.06	685	1	0.01	1	330	6	0.01	5	1	10	5	44	0.01	5	42	5	1	14
L49E 33+00N	4900	3300	334900	6213300	10	0.2	0.34	5	16	1	5	0.04	1	2	2	10	0.7	5	0.01	2	2	0.05	340	1	0.01	1	280	3	0.01	5	1	10	5	10	0.01	5	16	5	1	14
L49E 33+25N	4900	3325	334900	6213325	10	0.2	1.77	5	142	1	5	0.21	1	6	10	22	2.42	5	0.03	8	12	0.31	495	1	0.02	8	1080	12	0.03	5	1	10	5	84	0.01	5	52	5	2	48
L49E 33+50N	4900	3350	334900	6213350	5	0.2	2.29	5	338	1	5	0.57	1	9	4	18	3.33	5	0.04	12	10	0.29	970	1	0.03	6	1720	18	0.01	5	2	10	5	196	0.01	5	66	5	5	64

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StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AK 2010-0835

Durfeld Geological Management

20-Oct-10

PO Box 4438

Williams Lake, BC

V2G 2V5

No. of samples received: 18

Sample Type: Rock

Project: Hawk

Submitted by: Rudi Durfeld

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)
5	329108	6.48	0.189			
16	329119	1.16	0.034	38.4	1.12	1.39
17	329120					2.38

QC DATA:

Repeat:

16	329119			38.1	1.11	1.38
----	--------	--	--	------	------	------

Standard:

OXI67		1.86	0.054			
GBM908-14				304	8.87	2.37

NM/nw
XLS/10

ECO TECH LABORATORY LTD.

Norman Monteith

B.C. Certified Assayer

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StewartGroup
Geochemical & Assay

CERTIFICATE OF ANALYSIS AK 2010- 0835

Durfeld Geological Management
PO Box 4438
Williams Lake, BC
V2G 2V5

19-Oct-10

No. of samples received: 18
Sample Type: Rock
Project: Hawk
Submitted by: Rudi Durfeld

ET #.	Tag #	Au (ppb)
1	329103	<5
2	329104	<5
3	329105	40
4	329106	5
5	329108	>1000
6	329109	5
7	329110	10
8	329111	5
9	329112	20
10	329113	5
11	329114	25
12	329115	5
13	329116	5
14	329117	5
15	329118	<5
16	329119	>1000
17	329120	240
18	329121	560

QC DATA:

Repeat:

1	329103	5
10	329113	5
17	329120	215
18	329121	585

Resplit:

1	329103	5
---	--------	---

Standard:

OXE74	615
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FA Geochem/AA Finish

NM/sa

XLS/10

All business is undertaken subject to the Company's General Conditions of Business which are available on request. Registered Office: Eco Tech Laboratory Ltd., 2953 Shuswap Road, Kamloops, BC V2H 1S9 Canada.


ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer



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Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Mincord Exploration Consultants Ltd.**
110 - 325 Howe St.
Vancouver BC V6C 1Z7 Canada

Submitted By: Bill Morton
Receiving Lab: Canada-Vancouver
Received: September 22, 2010
Report Date: October 05, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN10004837.1

CLIENT JOB INFORMATION

Project: Hawk
Shipment ID:
P.O. Number
Number of Samples: 13

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	13	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1F06	13	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Mincord Exploration Consultants Ltd.
110 - 325 Howe St.
Vancouver BC V6C 1Z7
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: **Mincord Exploration Consultants Ltd.**
 110 - 325 Howe St.
 Vancouver BC V6C 1Z7 Canada

Project: Hawk
 Report Date: October 05, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN10004837.1

Method	WGHT	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm		
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
01-17-9	Rock	0.41	0.23	11.45	19.71	27.4	255	20.2	8.0	482	1.82	0.3	0.1	0.7	0.4	567.6	0.18	0.50	<0.02	40	16.67
1B-17-9	Rock	0.22	13.68	2.42	291.3	95.3	10489	13.7	5.0	3490	2.54	0.4	17.6	3324	1.8	231.9	0.75	0.73	0.90	8	6.00
02-17-9	Rock	0.93	25.23	1229	233.2	17.8	19137	0.5	0.3	55	10.93	0.8	<0.1	22640	0.2	23.3	0.18	0.65	147.4	31	0.04
03-17-9	Rock	0.58	6.41	882.8	124.5	8.6	4764	0.2	0.3	42	8.11	0.5	0.1	2091	0.4	17.4	0.06	0.13	44.85	14	0.02
04-17-9	Rock	0.75	11.70	1116	154.6	7.5	6305	0.2	0.4	30	7.39	<0.1	0.1	1591	0.2	30.1	0.06	0.17	60.07	12	<0.01
05-17-9	Rock	0.77	8.31	473.4	66.52	17.9	3235	0.6	0.5	315	1.24	0.1	<0.1	3384	<0.1	22.8	0.11	0.20	22.21	<2	0.01
06-17-9	Rock	0.89	110.4	1809	>10000	23.3	>100000	0.8	1.0	69	3.42	0.8	0.2	52423	<0.1	21.7	0.42	0.28	493.1	3	0.02
07-17-9	Rock	0.93	50.06	1938	122.3	19.3	8671	2.2	8.6	2104	6.19	1.3	0.2	25650	0.1	8.9	0.23	0.24	206.0	6	0.02
08-17-9	Rock	0.52	0.99	2724	64.19	201.1	5137	9.5	30.2	990	4.73	1.5	0.5	172.7	2.2	72.5	0.90	0.14	3.46	189	0.44
09-17-9	Rock	0.20	0.36	13.44	11.45	94.9	158	0.9	8.6	1956	2.66	2.4	0.3	27.7	1.9	77.3	0.20	0.08	1.47	33	0.58
10-17-9	Rock	0.23	0.28	23.71	12.28	12.8	194	0.4	1.1	114	0.68	<0.1	0.3	9.5	0.7	23.3	0.02	0.07	0.61	23	0.11
73-3 120FT	Drill Core	0.27	5.59	42.56	8.96	163.7	191	59.6	20.5	1524	3.83	1.1	1.1	53.4	3.4	318.8	0.72	0.18	0.29	126	4.20
73-3 397FT	Drill Core	0.16	20.36	77.31	113.8	106.4	240	69.6	31.5	2196	5.08	1.8	0.8	30.2	1.4	379.9	0.58	1.28	0.15	103	7.72



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 Vancouver BC V6C 1Z7 Canada

Project: Hawk
 Report Date: October 05, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN10004837.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
01-17-9	Rock	0.042	5.6	34.0	0.75	382.3	0.273	>2000	0.58	0.005	0.05	0.4	2.9	<0.02	0.04	51	0.7	<0.02	3.8	0.16	0.3
1B-17-9	Rock	0.203	12.1	31.9	0.17	813.2	0.025	18	0.14	0.064	0.03	2.2	9.7	<0.02	0.02	37	0.8	17.70	0.7	0.06	<0.1
02-17-9	Rock	0.017	0.8	4.3	0.01	398.2	0.012	5	0.20	0.006	0.09	37.1	0.3	<0.02	0.18	15	1.3	18.67	1.7	0.18	<0.1
03-17-9	Rock	0.020	1.3	1.1	0.01	543.9	0.007	<1	0.29	0.043	0.06	12.1	0.4	<0.02	0.11	9	0.5	6.09	2.5	0.14	<0.1
04-17-9	Rock	0.012	2.0	2.2	0.01	752.2	0.005	<1	0.37	0.029	0.08	11.9	0.3	<0.02	0.09	<5	1.2	12.50	2.0	0.20	<0.1
05-17-9	Rock	0.008	0.6	10.3	<0.01	760.5	<0.001	<1	0.09	0.006	0.06	0.6	0.2	<0.02	0.13	6	0.3	1.30	0.2	0.13	<0.1
06-17-9	Rock	0.006	<0.5	5.8	<0.01	87.3	<0.001	<1	0.07	0.002	0.03	>100	<0.1	<0.02	1.24	<5	2.3	6.38	0.3	0.20	<0.1
07-17-9	Rock	0.007	0.8	8.7	<0.01	17.6	0.001	<1	0.12	0.001	0.07	86.7	0.3	0.02	2.94	7	0.7	1.50	0.6	0.34	<0.1
08-17-9	Rock	0.162	7.5	13.7	1.06	419.3	0.137	<1	1.27	0.028	1.28	1.6	5.9	0.09	0.15	10	1.3	0.15	7.2	2.09	0.1
09-17-9	Rock	0.059	6.8	2.1	0.07	875.9	0.004	<1	0.29	0.021	0.25	0.6	1.6	<0.02	<0.02	5	0.2	<0.02	1.2	0.13	<0.1
10-17-9	Rock	0.012	2.7	1.8	0.03	54.1	0.067	<1	0.19	0.055	0.16	0.5	0.5	<0.02	<0.02	<5	<0.1	<0.02	1.1	0.06	<0.1
73-3 120FT	Drill Core	0.125	7.6	81.6	2.08	68.5	0.062	1	0.59	0.039	0.53	0.4	7.7	0.03	<0.02	<5	0.2	16.87	3.1	0.85	<0.1
73-3 397FT	Drill Core	0.167	8.4	58.5	3.13	50.7	0.005	1	0.79	0.027	0.21	0.3	11.4	<0.02	1.19	307	0.8	10.77	3.2	0.47	<0.1



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Project: Hawk
 Report Date: October 05, 2010

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CERTIFICATE OF ANALYSIS

VAN10004837.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	
MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	
01-17-9	Rock	0.62	0.53	2.4	0.5	<0.05	22.5	5.58	13.4	<0.02	<1	1.8	1.6	<10	4
1B-17-9	Rock	0.14	0.14	1.0	0.9	<0.05	7.0	19.76	16.8	0.08	<1	0.1	0.3	<10	<2
02-17-9	Rock	0.05	0.15	2.1	<0.1	<0.05	1.6	0.16	1.4	1.17	<1	<0.1	0.3	<10	<2
03-17-9	Rock	0.04	0.06	1.8	0.4	<0.05	1.2	0.24	2.5	0.69	1	0.1	0.2	<10	<2
04-17-9	Rock	0.03	0.07	2.6	<0.1	<0.05	1.1	0.17	3.8	0.56	<1	<0.1	0.2	<10	<2
05-17-9	Rock	<0.02	0.07	3.7	0.3	<0.05	0.1	0.17	1.1	0.16	<1	<0.1	0.2	<10	<2
06-17-9	Rock	<0.02	0.12	1.8	0.3	<0.05	0.2	0.25	0.7	0.44	<1	<0.1	0.2	<10	<2
07-17-9	Rock	<0.02	0.09	3.9	0.6	<0.05	0.5	0.62	1.5	0.20	<1	0.2	0.2	<10	<2
08-17-9	Rock	0.25	0.20	90.8	0.5	<0.05	7.1	4.12	13.6	0.07	<1	0.2	28.7	<10	5
09-17-9	Rock	0.06	0.04	8.2	<0.1	<0.05	2.2	4.60	16.5	0.05	<1	0.3	4.2	<10	<2
10-17-9	Rock	0.19	0.50	3.7	0.4	<0.05	5.1	1.96	5.7	<0.02	<1	0.1	0.3	<10	<2
73-3 120FT	Drill Core	0.05	<0.02	27.7	<0.1	<0.05	2.0	8.66	15.4	<0.02	1	0.3	7.3	<10	3
73-3 397FT	Drill Core	0.03	<0.02	15.1	0.1	<0.05	1.6	11.85	16.6	0.04	36	0.7	10.0	<10	2



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Project: Hawk
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Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN10004837.1

Method	WGHT	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
Pulp Duplicates																					
REP 1B-17-9	QC	14.07	2.51	283.5	96.2	10091	13.8	4.6	3364	2.52	0.4	18.2	3590	1.9	241.8	0.70	0.72	0.87	7	5.85	
Core Reject Duplicates																					
1B-17-9	Rock	0.22	13.68	2.42	291.3	95.3	10489	13.7	5.0	3490	2.54	0.4	17.6	3324	1.8	231.9	0.75	0.73	0.90	8	6.00
DUP 1B-17-9	QC	15.79	2.29	301.6	92.3	10439	13.4	4.7	3365	2.39	0.5	17.1	2920	1.8	228.7	0.76	0.74	0.92	7	5.85	
Reference Materials																					
STD DS7	Standard	21.18	106.0	65.44	387.9	978	56.1	9.2	589	2.34	51.7	4.8	67.9	4.6	73.4	6.29	6.06	4.49	83	0.96	
STD DS7	Standard	21.30	106.8	71.62	408.6	1052	53.9	8.5	640	2.46	53.3	4.9	82.5	4.7	80.8	6.57	6.27	4.99	82	1.03	
STD DS7 Expected		20.5	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	4.6	4.51	84	0.93	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	0.4	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	
Prep Wash																					
G1	Prep Blank	<0.01	0.09	3.13	54.95	64.4	587	3.7	4.2	554	1.87	0.9	1.5	2.1	5.1	55.5	0.36	1.01	0.04	35	0.45
G1	Prep Blank	<0.01	0.09	3.13	54.33	63.4	637	3.3	4.2	565	1.94	0.8	1.6	4.7	5.1	61.5	0.34	1.01	0.04	35	0.48

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Hawk
 Report Date: October 05, 2010

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QUALITY CONTROL REPORT

VAN10004837.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
Pulp Duplicates																					
REP 1B-17-9	QC	0.196	12.3	33.2	0.17	798.9	0.026	20	0.14	0.065	0.03	2.3	9.8	<0.02	0.03	27	0.6	19.71	0.7	0.05	<0.1
Core Reject Duplicates																					
1B-17-9	Rock	0.203	12.1	31.9	0.17	813.2	0.025	18	0.14	0.064	0.03	2.2	9.7	<0.02	0.02	37	0.8	17.70	0.7	0.06	<0.1
DUP 1B-17-9	QC	0.205	11.7	30.8	0.15	743.6	0.024	24	0.12	0.048	0.02	2.5	9.7	<0.02	<0.02	29	0.8	20.23	0.6	0.04	<0.1
Reference Materials																					
STD DS7	Standard	0.078	13.2	194.8	1.04	384.5	0.119	45	1.01	0.091	0.44	3.8	2.8	4.02	0.20	202	3.2	1.31	4.6	6.34	0.1
STD DS7	Standard	0.081	13.4	186.5	1.05	413.1	0.120	38	1.05	0.098	0.46	4.5	2.8	4.44	0.20	228	3.2	1.36	4.7	6.61	<0.1
STD DS7 Expected		0.08	11.7	179	1.05	410	0.124	38.6	0.959	0.089	0.44	3.4	2.5	4.19	0.19	200	3.5	1.08	4.6	6.36	0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
Prep Wash																					
G1	Prep Blank	0.079	9.8	9.7	0.56	204.2	0.119	6	0.93	0.064	0.46	<0.1	2.2	0.31	<0.02	7	0.1	<0.02	5.0	2.83	0.2
G1	Prep Blank	0.080	9.3	9.8	0.55	197.6	0.118	6	0.97	0.069	0.46	<0.1	2.3	0.32	<0.02	<5	<0.1	<0.02	4.9	2.73	0.1



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Project: Hawk

Report Date: October 05, 2010

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QUALITY CONTROL REPORT

VAN10004837.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	
MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2	
Pulp Duplicates															
REP 1B-17-9	QC	0.15	0.12	1.0	<0.1	<0.05	6.7	20.76	17.2	0.09	<1	0.1	0.3	<10	<2
Core Reject Duplicates															
1B-17-9	Rock	0.14	0.14	1.0	0.9	<0.05	7.0	19.76	16.8	0.08	<1	0.1	0.3	<10	<2
DUP 1B-17-9	QC	0.15	0.10	0.7	0.2	<0.05	6.2	19.59	16.3	0.07	<1	<0.1	0.2	<10	<2
Reference Materials															
STD DS7	Standard	0.11	0.68	34.9	4.9	<0.05	5.6	6.21	38.0	1.55	5	1.7	29.1	76	43
STD DS7	Standard	0.13	0.56	36.5	5.5	<0.05	5.9	6.54	41.2	1.69	4	1.6	31.6	65	47
STD DS7 Expected		0.11	0.71	35.8	4.61		5.4	5.18	36	1.57	4	1.6	29.3	58	37
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash															
G1	Prep Blank	0.09	0.44	38.6	0.5	<0.05	1.2	5.05	19.8	<0.02	1	0.2	29.0	<10	<2
G1	Prep Blank	0.08	0.45	39.0	0.6	<0.05	1.3	5.23	19.7	<0.02	<1	0.3	29.4	<10	<2



CERTIFICATE OF ANALYSIS AK 2010- 0847

Durfeld Geological Management
PO Box 4438
Williams Lake, BC
V2G 2V5

25-Oct-10

No. of samples received: 110
Sample Type: Soil
Submitted by: Rudi Durfeld

ET #.	Tag #	Au (ppb)
1	L45E 22+00N	25
2	L45E 22+50N	20
3	L45E 23+00N	15
4	L45E 23+50N	10
5	L45E 24+00N	40
6	L45E 24+50N	25
7	L45E 25+00N	25
8	L45E 25+50N	10
9	L45E 26+00N	25
10	L45E 26+50N	15
11	L45E 27+00N	30
12	L45E 27+50N	30
13	L47E 21+25N	10
14	L47E 21+50N	30
15	L47E 22+00N	15
16	L47E 22+50N	20
17	L47E 23+00N	10
18	L47E 23+50N	45
19	L47E 24+00N	10
20	L47E 24+50N	20
21	L47E 25+00N	25
22	L47E 25+50N	20
23	L47E 26+00N	15
24	L47E 26+50N	25
25	L47E 27+00N	10
26	L47E 27+50N	45
27	L47E 28+00N	60
28	L49E 11+50N	15
29	L49E 11+75N	30

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 Geochemical & Assay

Durfeld Geological Management AK10-0847

25-Oct-10

ET #.	Tag #	Au (ppb)
30	L49E 12+00N	10
31	L49E 13+25N	20
32	L49E 13+50N	15
33	L49E 13+75N	25
34	L49E 14+00N	15
35	L49E 14+25N	10
36	L49E 14+50N	<5
37	L49E 14+75N	10
38	L49E 15+00N	<5
39	L49E 15+25N	25
40	L49E 15+50N	35
41	L49E 15+75N	5
42	L49E 16+00N	10
43	L49E 16+25N	10
44	L49E 16+50N	20
45	L49E 16+75N	20
46	L49E 17+00N	<5
47	L49E 17+25N	5
48	L49E 17+50N	15
49	L49E 17+75N	25
50	L49E 18+00N	5
51	L49E 18+25N	50
52	L49E 18+50N	5
53	L49E 18+75N	<5
54	L49E 19+00N	5
55	L49E 19+25N	5
56	L49E 19+50N	140
57	L49E 19+75N	0
58	L49E 20+00N	0
59	L49E 20+25N	10
60	L49E 20+50N	5
61	L49E 20+75N	10
62	L49E 21+00N	5
63	L49E 21+25N	25
64	L49E 21+75N	15
65	L49E 22+00N	35
66	L49E 22+25N	25
67	L49E 22+50N	15
68	L49E 22+75N	10
69	L49E 23+00N	10
70	L49E 23+25N	15
71	L49E 23+50N	30
72	L49E 23+75N	30



Durfeld Geological Management AK10-0847

25-Oct-10

ET #.	Tag #	Au (ppb)
73	L49E 24+00N	10
74	L49E 24+25N	45
75	L49E 24+50N	10
76	L49E 24+75N	10
77	L49E 25+00N	15
78	L49E 25+25N	15
79	L49E 25+50N	20
80	L49E 25+75N	5
81	L49E 26+00N	45
82	L49E 26+25N	10
83	L49E 26+50N	10
84	L49E 27+00N	10
85	L49E 27+25N	5
86	L49E 27+50N	10
87	L49E 27+75N	<5
88	L49E 28+00N	10
89	L49E 28+25N	10
90	L49E 28+50N	20
91	L49E 28+75N	<5
92	L49E 29+00N	10
93	L49E 29+25N	10
94	L49E 29+50N	5
95	L49E 29+75N	10
96	L49E 30+00N	20
97	L49E 30+25N	10
98	L49E 30+50N	<5
99	L49E 30+75N	<5
100	L49E 31+00N	<5
101	L49E 31+25N	<5
102	L49E 31+50N	<5
103	L49E 31+75N	<5
104	L49E 32+00N	<5
105	L49E 32+25N	<5
106	L49E 32+50N	<5
107	L49E 32+75N	<5
108	L49E 33+00N	10
109	L49E 33+25N	10
110	L49E 33+50N	<5

QC DATA:

Repeat:

3	L45E 23+00N	40
12	L45E 27+50N	45
23	L47E 26+00N	20

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Durfeld Geological Management AK10-0847

25-Oct-10

ET #.	Tag #	Au (ppb)
27	L47E 28+00N	55
28	L49E 11+50N	20
38	L49E 15+00N	5
50	L49E 18+00N	5
56	L49E 19+50N	135
69	L49E 23+00N	5
72	L49E 23+75N	20
74	L49E 24+25N	40
80	L49E 25+75N	5
91	L49E 28+75N	5
105	L49E 32+25N	<5
110	L49E 33+50N	<5

Standard:

OXE74	615
OXE74	605
OXF65	795
OXF65	810

FA Geochem/AA Finish

NM/ap
 XLS/10

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Norman Monteith
 B.C. Certified Assayer


Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
54	L49E 19+00N	<0.2	0.45	<5	44	<1	<5	0.42	<1	5	4	24	2.33	<5	0.03	2	<2	0.08	230	2	0.01	1	250	9	0.01	<5	1	<10	<5	28	0.07	<5	122	<5	2	18
63	L49E 21+25N	<0.2	0.65	<5	42	<1	<5	0.09	<1	2	2	28	0.89	<5	0.03	2	<2	0.08	215	<1	<0.01	1	320	9	0.02	<5	<1	<10	<5	22	<0.01	<5	34	<5	<1	12
71	L49E 23+50N	<0.2	1.16	<5	90	<1	<5	0.10	<1	2	4	20	1.14	<5	0.04	2	4	0.08	145	<1	<0.01	1	360	51	0.02	<5	<1	<10	<5	14	<0.01	<5	32	<5	<1	22
80	L49E 25+75N	<0.2	1.15	<5	56	<1	<5	1.12	<1	14	16	122	4.93	<5	0.06	10	8	0.61	410	1	0.02	8	3260	30	0.01	<5	3	<10	<5	54	0.06	<5	176	<5	6	50
89	L49E 28+25N	0.2	0.89	<5	16	<1	<5	0.03	<1	2	<2	8	2.41	<5	0.02	2	4	0.06	150	<1	0.01	<1	420	12	0.02	<5	<1	<10	<5	4	<0.01	<5	54	<5	<1	14
98	L49E 30+50N	<0.2	0.62	<5	172	<1	<5	0.05	<1	1	<2	2	0.99	<5	0.04	2	<2	0.04	380	<1	0.01	<1	330	6	0.01	<5	<1	<10	<5	10	<0.01	<5	32	<5	<1	14
106	L49E 32+50N	<0.2	0.25	<5	24	<1	<5	0.03	<1	1	<2	4	0.80	<5	0.02	<2	<2	0.02	55	<1	<0.01	<1	160	<3	<0.01	<5	<1	<10	<5	18	<0.01	<5	28	<5	<1	4

Standard:

Till3		1.4	1.03	85	36	<1	<5	0.58	<1	14	60	22	2.02	<5	0.08	12	18	0.63	315	<1	0.03	28	430	18	0.01	<5	3	<10	<5	14	0.06	<5	36	<5	5	38
Till3		1.4	1.03	85	36	<1	<5	0.58	<1	14	60	22	1.93	<5	0.08	12	18	0.61	300	<1	0.03	28	430	18	0.01	<5	2	<10	<5	14	0.06	<5	38	<5	5	40
Till3		1.5	1.05	85	34	<1	<5	0.56	<1	14	58	24	2.00	<5	0.08	12	18	0.64	305	<1	0.03	28	430	15	0.01	<5	2	<10	<5	14	0.06	<5	34	<5	5	42
Till3		1.4	1.05	85	36	<1	<5	0.57	<1	13	58	24	1.99	<5	0.08	12	18	0.62	315	<1	0.03	28	430	18	0.01	<5	2	<10	<5	14	0.06	<5	38	<5	5	38

ICP: Aqua Regia Digest / ICP- AES Finish.

NM/ap
df/1_847S
XLS/10


ECO TECH LABORATORY LTD.
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SAMPLE PREPARATION (codes vary)



Samples (minimum sample size 250g) are catalogued and logged into the sample-tracking database. During the logging in process, samples are checked for spillage and general sample integrity. It is verified that samples match the sample shipment requisition provided by the clients. The samples are transferred into a drying oven and dried.

Soils are prepared by sieving through an 80-mesh screen to obtain a minus 80-mesh fraction. Samples unable to produce adequate minus 80-mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh.

Rock samples are crushed on a Terminator jaw crusher to -10 mesh ensuring that 70% passes through a Tyler 10 mesh screen.

Every 35 samples a re-split is taken using a riffle splitter to be tested to ensure the homogeneity of the crushed material.

A 250 gram sub sample of the crushed material is pulverized on a ring mill pulverizer ensuring that 95% passes through a -150 mesh screen. The sub sample is rolled, homogenized and bagged in a pre-numbered bag.

A barren gravel blank is prepared before each job in the sample prep to be analyzed for trace contamination along with the processed samples.



GOLD FIRE ASSAY: GEOCHEM (Au2-15,30,50)



A 15/30/50 g sample size is fire assayed along with certified reference materials using appropriate fluxes. The flux used is pre-mixed, purchased from Anachemia which contains Cookson Granular Litharge. (Silver and Gold Free). The ratios are 66% Litharge, 24% Sodium Carbonate, 2.7% Borax, 7.3% Silica. (The charges may be adjusted based on the sample). Flux weight per fusion is 150g. Purified Silver Nitrate or inquarts for the necessary silver addition is used for inquartation. The resultant dore bead is parted and then digested with nitric acid followed by hydrochloric acid solutions and then analyzed on an atomic absorption instrument (Perkin Elmer/Thermo S-Series AA instrument).

Over-range geochem values (Detection limit 5-1000ppb) for rocks are re-analyzed using gold assay methods (see below).

Appropriate certified reference material and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet for quality control assessment.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are emailed, faxed or mailed to the clients.

 **ICP-AES AQUA REGIS DIGESTION (AR-ES)** 

A 0.5 gram sample is digested with a 3:1:2 (HCl: HNO₃: H₂O) solution in a water bath at 95°C. The sample is then diluted to 10ml with water. All solutions used during the digestion process contain beryllium, which acts as an internal standard for the ICP run. The sample is analyzed on a Thermo IRIS Intrepid II XSP ICP unit. Certified reference material is used to check the performance of the machine and to ensure that proper digestion occurred in the wet lab. QC samples are run along with the client samples to ensure no machine drift occurred or instrumentation issues occurred during the run procedure. Repeat samples (every batch of 10 or less) and re-splits (every batch of 35 or less) are also run to ensure proper weighing and digestion occurred.

Results are collated by computer and are printed along with accompanying quality control data (repeats, re-splits, and standards). Any of the base metal elements (Ag, Cu, Pb, Zn) that are over limit (>1.0%) are immediately run as an ore grade assay (see protocol below).

Results are emailed, faxed or mailed to the clients.

Detection Limits:

Element	Unit	LDL	Element	Unit	LDL
Ag	Ppm	0.5	Mn	ppm	5
Al *	%	0.01	Mo	ppm	1
As	Ppm	5	Na *	%	0.01
Ba *	Ppm	2	Ni	ppm	1
Be *	Ppm	1	P	%	0.001
Bi	Ppm	5	Pb	ppm	3
Ca *	%	0.01	S *	%	0.01
Cd	Ppm	1	Sb *	ppm	5
Co	Ppm	1	Sn *	ppm	5
Cr *	Ppm	2	Sr *	ppm	2
Cu	Ppm	2	Ti *	ppm	10
Fe *	%	0.01	U	ppm	5
Hg	Ppm	5	V	ppm	2
K *	%	0.01	W *	ppm	5
La *	Ppm	2	Y *	ppm	1
Li *	Ppm	2	Zn	ppm	2
Mg *	%	0.01			

Elements marked with an asterisk may not be totally digested