BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
GEOCHEMICAL SAMPLING REPORT	$25,812.88

AUTHOR(S) Samuel A Hartmann, B.Sc. SIGNATURE(S) _____

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) N/A YEAR OF WORK 2010

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4793652 / September 17, 2010

PROPERTY NAME Catface NE

CLAIM NAME(S) (on which work was done) Tenures 636863, 636864, 636865, 636867, 636883, 705221 and 705242

COMMODITIES SOUGHT Cu, Mo, Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 092F 120, 092F 231, 092F 251

MINING DIVISION Alberni NTS 92F/5W BCGS: 092F021, 092F031

LATITUDE 49 ° 19 ' " LONGITUDE 125 ° 53 ' " (at centre of work)

OWNER(S)

1) Catface Copper Mines Limited 2) _____

MAILING ADDRESS

200-580 Hornby Street
Vancouver, BC V6C 3B6

OPERATOR(S) [who paid for the work]

1) Catface Copper Mines Limited 2) _____

MAILING ADDRESS

200-580 Hornby Street
Vancouver, BC V6C 3B6

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

The Catface NE Property is underlain by Paleozoic Sicker Group volcanics and sediments composed of felsic pyroclastics and mafic flow units;later intrusions by dykes and sills ranging from gabbro to diorite crosscut all lithologies. Karmutsen volcanics dip gently and overlay the Sicker Group at elevation while Questing Limestone is sparsely represented; no known mineral showings occur.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 19330, 19766, 20561

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other	Stream sediment- 44	see tenures on p.1	$25,213.28
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	44 samples	see tenures on p.1	$ 599.60
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$25,812.88

GEOCHEMICAL SURVEY REPORT

on the

CATFACE NE PROPERTY

Tenure Nos. 636863, 636864, 636865, 636867
636883, 705221 and 705242

Alberni Mining Division

NTS: 92F/05W

BCGS Map Sheets: 092F021, 092F031

Latitude: 49° 19′ N; Longitude 125° 53 W

UTM (NAD 83 – Zone 10): 5 466 650 N; 290 450 E

Owner / Operator: Catface Copper Mines Limited – 100%

Author: Samuel A. Hartmann, B.Sc.

December 15, 2010

TABLE OF CONTENTS

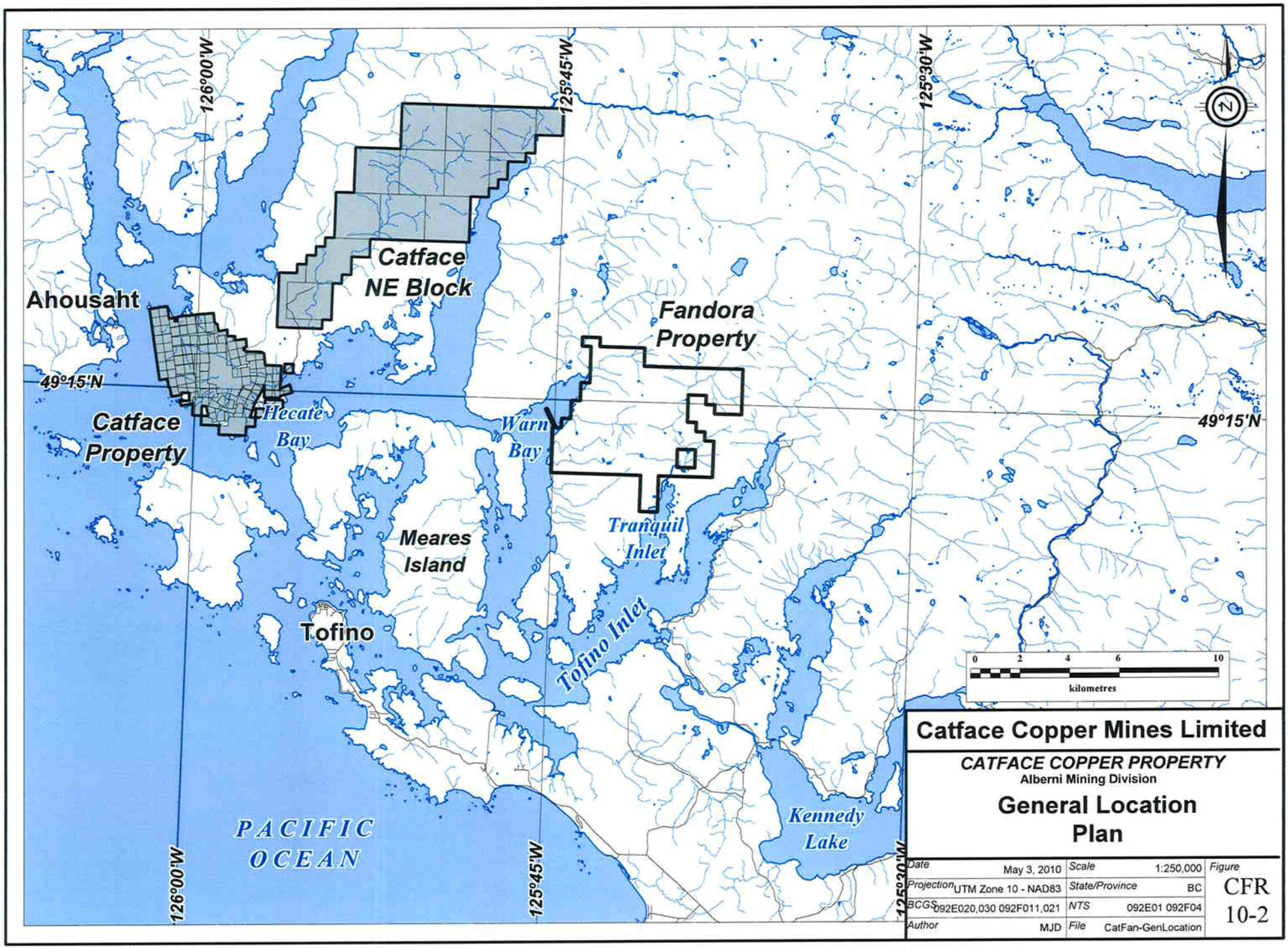
Catface Copper Mines Limited

CATFACE COPPER PROPERTY

Alberni Mining Division

BC Location Plan

Date	May 3, 2010	*Scale*	1:8,000,000	*Figure* CFR 10-1
Projection	UTM Zone 10 - NAD83	*State/Province*	BC	
BCGS	092E020,030 092F011,021	*NTS*	092E01 092F04	
Author	EA	*File*	CAT_LocMap10	



Catface Copper Mines Limited

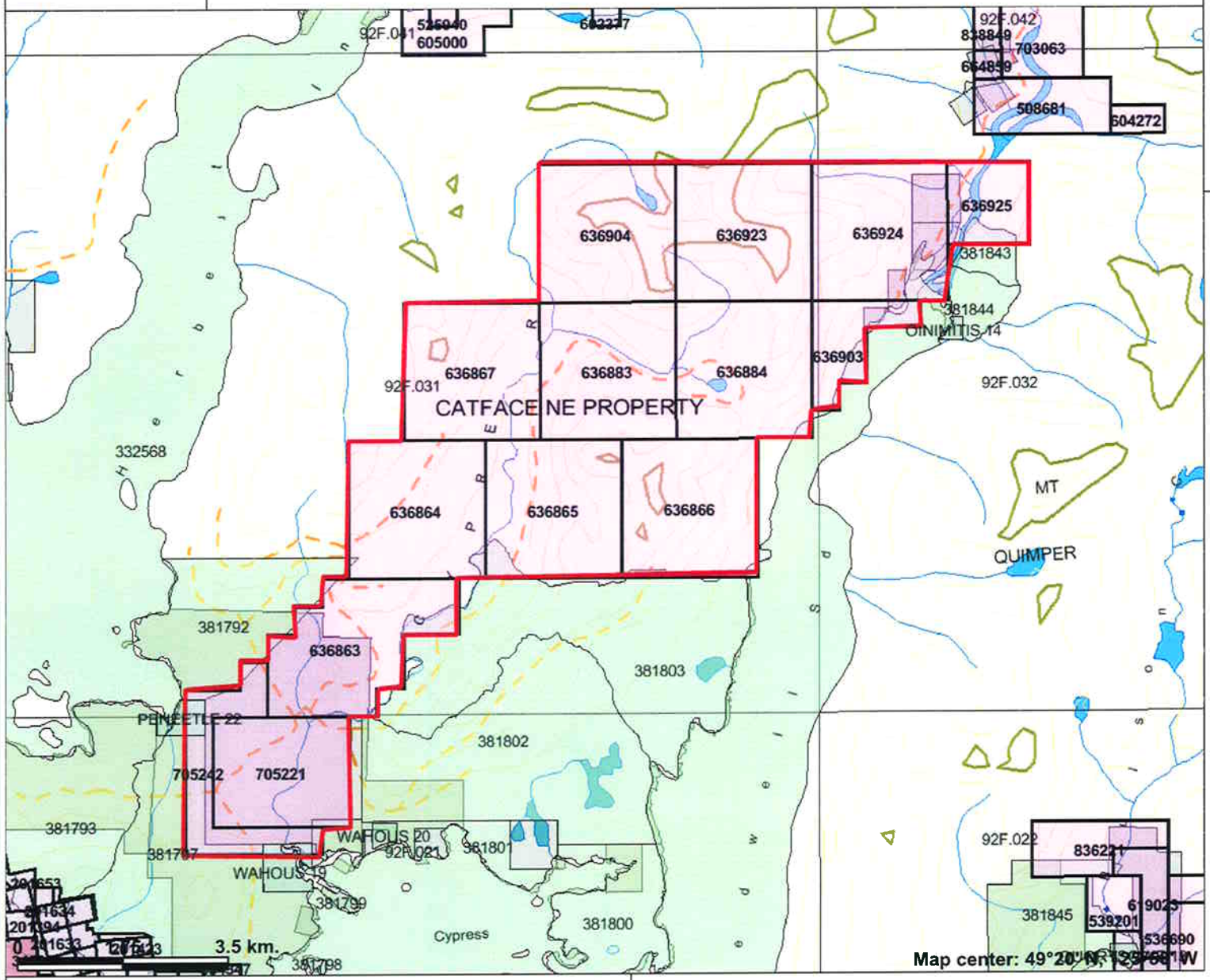
CATFACE COPPER PROPERTY

Alberni Mining Division

General Location Plan

Date	May 3, 2010	Scale	1:250,000	Figure CFR 10-2
Projection	UTM Zone 10 - NAD83	State/Province	BC	
BCGS	092E020,030 092F011,021	NTS	092E01 092F04	
Author	MJD	File	CatFan-GenLocation	

Catface NE Property: Mineral Tenures (Dec 15 2010)



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks

Mineral Tenure (current)

- Mineral Claim
- Mineral Lease

Mineral Reserves (current)

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Survey Parcels
- BCGS Grid

Contours (1:250K)

- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Annotation (1:250K)

Transportation - Points (1:250K)

- Airfield
- Anchorage - Seaplane
- Ferry Route
- Heliport
- Seaplane Base
- Air Field
- Airport
- Air Feature - Condition Unknown

Scale: 1:100,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes:
Figure CFNE-2010-3

SECTION A: REPORT

INTRODUCTION

The Catface NE Property (the "Property") is located from 1.5 to 19 km northeast of the Catface deposit, a large copper-molybdenum porphyry style deposit located on the west coast of Vancouver Island, British Columbia. The property is owned by Catface Copper Mines Limited (the "Company"), a company 100% owned by Selkirk Metals Corp., itself a wholly-owned subsidiary of Imperial Metals Corporation of Vancouver, BC. The Property is located in Cypre River Valley and the Bedingfield Range and extends from 14 to 27 km north of Tofino, BC. This report documents a geochemical survey program that was undertaken by the Company in June and July 2010.

PROPERTY:

The Catface NE Property is owned 100% by Catface Copper Mines Limited, a private company owned 100% by Selkirk Metals Corp. Catface Copper Mines Limited is the registered owner of the mineral tenures comprising the Property.

The Property extends from 14 to 27 km north of Tofino, BC in the Bedingfield Range of Vancouver Island between Bedwell Sound and Herbert Inlet and consists of 14 mineral tenures (301 cells / 6334.66 ha). The details of the mineral tenure that comprise the Property are set out in Section B of this report. The "good to dates" are based on the Statement of Work filed on September 17, 2010 as Event #4793652 and assume that the work contained in this report will be accepted for assessment purposes.

LOCATION AND ACCESS:

The Catface NE property is situated in the Cypre River Valley and the Bedingfield Range, west coast of Vancouver Island, southwestern British Columbia (Figures CFR-10-1 to 3). The Property sits between Bedwell Sound and Herbert Inlet and is located on NTS map sheet 92F/05W, and the BCGS map sheets are 092F021 and 092F031. The centre of the work area is 49° 19′ North latitude and 125° 53′ West longitude while the UTM coordinates are 290,450E., 5,466,650 (NAD 83, Zone 10). The town of Tofino is approximately 14 km south of the southern boundary of the property.

Access to the Property is possible by boat, fixed-wing aircraft or helicopter and then by vehicle. A barge is required to transport vehicles from Tofino across Bedwell Sound to Hecate Bay on the Catface Peninsula. Logging roads are then used to gain access up the Cypre River Valley into the central protion of the claim block. Water taxis are also employed to move personnel on a daily basis from either Ahousaht or Tofino to either Whitepine Cove or Hecate Bay. They are then transported by vehicle to the Property. The barge and boat docking facilities are in good order at Hecate Bay on the east side of the property, as there continues to be some logging and shake/shingle activity on the Catface Peninsula and in the Cypre River area. A short gravel airstrip near the Hecate Bay dock facilities could accommodate wheeled plane access with a significant amount of upgrading, while floatplanes can land in the relatively protected confines of Hecate Bay itself. A 10 km logging access road extends from Hecate Bay into the central portion of the property.

Re-activating of several forestry roads after the 2010 field program now makes the northern end of the Cypre River valley accessible by truck.

CLIMATE, TOPOGRAPHY AND VEGETATION:

The climate of the region is classified as West Coast Marine, with mild but wet winter seasons and cool drier summers. Mean annual precipitation is 3,235 mm as rain, and 536 mm of snow. The annual

temperature range varies from –15.0°C to 32.8°C, with a mean of 9.0°C (Knight Piésold, 2004). Temperatures are moderated by the proximity of the ocean so that prolonged periods of freezing weather are unusual.

The heavy rainfall that is common in this area can deliver large volumes of water over short periods of time, much of which is intercepted by the forest canopy. The remainder normally runs off rapidly through the soil. Hydrologic data has been collected for Bawden Creek (also referred to in earlier references as Irishman Creek), which runs through the centre of the Catface Property. This data indicates that the flow can be highly variable, with the mean annual high flows in December and low flows in July – August.

The Catface NE Property is located in the Clayoquot Sound region of western Vancouver Island. This area is dominated by the Estevan Coastal Plain, a gently undulating terrain that has been broken into numerous islands and peninsulas by inlets and channels. Steep highly dissected rocky hills are formed by outliers of the Westcoast intrusive complex which forms the Vancouver Island Mountains. The Catface Peninsula is a heavily treed peninsula 4 to 8 km wide. Recently significant areas of forest land have been harvested within the property boundaries and nearby areas. The Bedingfield Range runs on a SW-NE axis on the west side of Bedwell Sound with elevations ranging up to 1184 m on Mt. Saavedra and 1291 m on Mt. Guemes.

The Property is covered in a typical assemblage of west coast second growth vegetation consisting of thick stands of western hemlock, red cedar, Douglas fir and white pine. There is a thick undergrowth of salal and salmonberry throughout the area.

HISTORY:

The Catface NE claims were originally known as Bedingfield and Cypre mineral claims, and were first staked in 1985 (Vande Guchte *et al.* 1989). Cominco Limited optioned the property from 1985 to 1988 during which geological mapping, rock and soil geochemical sampling, and reconnaissance UTEM surveys were completed but only a total of 3 line km were surveyed (Jackisch, 1987). At the time the Property was held under a joint venture exploration agreement with BP Resources (Blackwell, 1988).

The results of the UTEM surveys lead to the establishment of three grids totalling 49 line km to be mapped and surveyed by UTEM, horizontal loop EM and magnetometer. Nine holes totalling 1061 m were drilled in two areas during 1987. Cominco returned the claims to the vendors in 1988.

Falconbridge Ltd acquired the Cypre River Option in June, 1987 and contracted Aerodat Limited to fly airborne surveys of the Property during 1989.The EM, VLF-EM and MAG surveys covered about 70% of the property (Stewart, 1989).

Project geologist Robert Stewart attributed resistivity and IP responses to graphite along a thrust fault below the Karmutsen Formation, and did not recommend the extension of the grid to the north (Stewart & Hendrickson, 1989). Later in 1989 Vande Guchte *et al* followed up on the geophysical surveys by 1:5000 mapping and rock sampling.

In 1990 Falconbridge Ltd continued with mapping and rock sampling to evaluate the possible economic potential of the Sicker Group (Vande Guchte & Stewart, 1990). Alteration zones were investigated with emphasis, but no significant base metal or precious metal mineralization was found.

None of the exploration programs undertaken on this Property have yielded results indicating the possible presence of another VMS style deposit similar to Myra Falls or a porphyry deposit like the Catface copper-molybdenum deposit.

REGIONAL GEOLOGY:

The Catface copper-molybdenum porphyry deposit is hosted within volcanic rocks of the Upper Permian Sicker or Vancouver Group (dominantly Karmutsen volcanics) and Eocene porphyritic intrusives. The volcanic suite consists of basalts, andesitic flows, tuff breccias and agglomeratic rocks that are locally weakly hornfelsed near the intrusive contacts. These lithologies are in fault contact with diorites of the Westcoast Complex (Figure 3). All of the older units were intruded by Jurassic age quartz monzonite sills and dykes. The entire assemblage was subsequently intruded by several phases of the Tertiary Tofino Intrusive Suite (Catface Intrusions), which consist of porphyritic quartz diorite/granodiorite stocks (McDougall, 1976 Muller, 1981; and Nilsson, 2001).

The Catface deposit is atypical of most calc-alkalic porphyry deposits in BC in that it lacks a pyritic halo or a distinct phyllic alteration envelope. Quartz stockworks are poorly developed and there is little evidence of base metal zonation outside of the copper zone.

The following discussion is taken from McDougall (1976) as it summarizes the regional setting of the deposit:

> *"The Catface regional setting is that of a cupola of quartz diorite emplaced in and capped by volcanic rocks. The cupola is genetically related to a large elongate Tertiary intrusion that is sparingly exposed. The emplacement of this pluton was guided by intersections of regional and local faults and by contacts which guided earlier and smaller quartz monzonite intrusions. Mineralization affects both the upper portion of the cupola, which consists largely of dyke like porphyritic bodies and porphyry dykes, and the invaded host rocks, which consist of Paleozoic and possibly Triassic volcanic sequences intruded by the quartz monzonite of undetermined age"*

> *"Fracturing of the host rocks occurred, particularly at higher levels, related to intrusive-induced doming as well as local faulting. Micro-shattering of rock forming minerals was extensive. Hydrothermal alteration, although not intense, was widespread, with processes such as silicification influencing rock competency. The mineralizing process, which occurred after all the rocks were emplaced and major structures developed, was controlled by fault and fracture systems."*

> *"Mineral zoning, probably caused by sulphur and iron availability, resulted in the central annular pyrite-free bornite-chalcopyrite zone, which approximately coincides with a siliceous one, and an outer pyrite-pyrrhotite-chalcopyrite zone."*

PROPERTY GEOLOGY:

The geology of the Catface Deposit has been detailed in papers by J.J. McDougall and is discussed in Porphyry Deposits of the Cordillera - CIM Special Volume 15 and Special Volume 46. Relevant geological information from these papers has been summarized by Chapman (2009) in the descriptions below.

The geologic setting of the adjacent Catface deposit is a cupola of quartz diorite emplaced in, and capped by volcanic rocks. The cupola is genetically related to a large Tertiary intrusion that is elongate in a northwesterly direction. Intersections of regional and local faults provided the controls on the emplacement of this pluton, and the smaller quartz monzonite intrusions which preceded it. Mineralization is distributed through the upper portion of the cupola and the invaded country rocks. The upper levels of the cupola

consist of dyke like porphyry bodies. The country rocks are Paleozoic and possibly Tertiary volcanic sequences, which had been previously intruded by the quartz monzonite bodies of undetermined age.

Some blocks of the volcanic rocks have been assimilated by both the monzonite and the quartz diorite, but most can still be recognized, with the origin of the blocks being the roof and walls of the original magma chamber. Intrusion and collapse breccias formed at various times within the enclosing rocks. Fracturing of the country rocks was extensive and related to doming as well as local faulting. The mineralizing event occurred after all rocks were emplaced and major structures developed, and was controlled by fault and fracture systems.

The Catface project contains three known mineralized zones as a result of exploration work completed to date. These are the Cliff Zone, the Irishman Creek Zone and the Hecate Bay Zone. The main deposit is the Cliff Zone situated on the west side of Catface Mountain. Mineralization at the Cliff Zone covers an area of approximately 900 m by 600 m to a depth of 350 m, and consists of disseminated and fracture controlled chalcopyrite, bornite and molybdenite. The mineralization occurs in both the intrusive rocks and the volcanic country rocks. The Cliff Zone is a copper – molybdenum porphyry system related to a small mid-Eocene porphyritic quartz diorite to granodiorite intrusive stock that is one of the "*Cliff Intrusions*". The Irishman Creek Zone is a smaller but higher grade deposit associated with a series of pipe like breccia zones. The size and style of the Hecate Bay prospect has not yet been determined.

The Catface NE Property is contains similar geology as the Catface Property, but sedimentary and metamorphic units are more prominent.

On the west side of the Cypre River the Sicker Group volcanic unit is exposed. Muller (1980) suggested that the Sicker Group consists of four dominant units, although other research indicates possible additional units. Vande Gutche and Stewart (1990) summarized the Sicker Group from youngest to oldest, as originally proposed by Muller.

Buttle Lake Formation
Calcarenitic and commonly recrystallized (marbleized) limestone interbedded with calcareous siltstone and chert with minor diabase sills. This unit is of Pennsylvanian to Permian age and forms the top of the Sicker Group, underlying the Karmutsen Volcanics Formation. Thickness is estimated at 300 to 400 m.

Sediment-Sill Unit
This unit does not have an estimated thickness but consists of thinly bedded to massive argillite, siltstone and chert with diabase sills.

Myra Formation
Basic to rhyodacitic banded tuff, breccias and lava thinly bedded to massive argillite, siltstone, and chert overlying the Nitinat Formation. The base of the Myra is defined by the first appearance of bedded volcaniclastic rock.

Nininat Formation
Lavas that are metabasaltic, pillowed or agglomeratic; this unit is marked by large pyroxene phenocrysts and quartz amygdules. Minor tuffs are massive to banded and thickness is estimated at 1500 to 2000 m.

The Cypre River valley's stratigraphic units trend southeast with the most important units on the eastern side being intermediate to felsic pyroclastics, local interbedded argillites and a thick marbleized limestone (Vande Gutche *et al.*, 1989). Visual alteration is reportedly confined to sericitic and pyritic felsic pyroclasics; no significant sulphide showings have been reported on or were observed during the 2010 field

program. Folding and extensive faulting of all stratigraphic units complicates a chronological reconstruction of geological events.

2010 GEOCHEMICAL SURVEY:

The 2010 geochemical program was designed to collect and analyze stream sediments focusing on the Cypre River drainage basin but including the Bedwell Sound and White Pine areas in an effort to delineate new areas of interest. A total of 41 stream sediments were collected between June 1 and July 30, 2010. The personal were quartered at the Ahousaht General Store & Motel from where they commuted by water taxi to the Property. Trucks maintained on the Property by the Company were used on forestry roads where possible; the majority of the fieldwork was completed on foot.

An 80 mesh screen was used to separate the fine sediments for assay from the larger fraction; water from the creeks was used to wash the sediments through the screen into a collecting device. Sediment samples were collected in soil sample bags, labelled and dried. Each station where sediment was collected in the field was marked with a labelled ribbon. Each sample was rated for quality as poor, ok or good.

It was intended for all creeks that enter the Cypre River to be sampled; however the drainage divide on the west separating Cypre River and Herbert Inlet is very steep, resulting in precipitation to drain quickly. Several small creek beds entering the Cypre River from the west were investigated, but none were active; they were not sampled. On the east side, the Cypre River is separated by a much wider plateau from Bedwell Sound acting as a larger hydrological reservoir resulting in more permanent discharge. The majority of the streams cut though glacial till and glaciofluvial deposits, while other creek beds are entirely bedrock.

Samples WPM-1 to WPM-8 were collected from streams draining off Catface Mountain and were used to provide baseline reference values. Sample WPM-8 (ACME No 917391) was taken in Irishman Creek directly below the known workings of the Catface copper porphyry deposit as a reference; it assayed at 681.3 ppb copper, 0.8 ppm silver and 7.3 ppb gold.

Some samples taken from the southwest Cypre River valley as seen on *2010 Geochemical Sampling Sheet 2 of 3* were also collected off-claim, but were deemed necessary to provide a more complete regional perspective of the area.

Sample CE-38 (ACME No 917369) assayed 557.0 ppm gold and was collected from a 3-5 m wide stream with an estimated discharge of 0.5 m^3/sec. The creek bed was bedrock consisting of a dark, aphanitic volcanic thought to belong to the Karmutsen Formation and the sediments were collected under boulders.

Samples CE-4 (ACME No 917352) and CE-8 (ACME No 917354), although rated as "poor" samples due to little flow assayed 140.1 ppb and 171.2 ppb gold, respectively. Only Sample CE-52 (ACME No 917376) was significantly anomalous for copper, assaying 417.7 ppm which compares to the Irishman Creek reference sample.

Samples CE-38, CE-4, CE-8 and CE-52 all drained towards northwest. The southeast draining creeks on the other side of the ridge were also sampled, but did not assay anomalously for any metals with the exception for sample CSE-1 (ACME No 917377) which assayed 161.3 ppm copper; the average copper content of all sediment samples was 105.3 ppm.

CONCLUSIONS:

The 2010 geochemical program of sampling creek sediments worked well and outlined new areas of interest of the northwest side of the ridge dividing the Cypre River from Bedwell Sound; encouraging assay results indicate sources of gold on the ridge. Good results were obtained from creeks cutting through thick till as well as creeks with beds consisting of bedrock.

Samples CE-38 and CE-52 assayed 557.0 ppb gold and 417.7 ppm copper, respectively, but seem to have a different source of origin than CE-4 and CE-8 since they drain much further northeast in the valley near Mount Saavedra, while the drainages in between are low in metal concentrations. Future field work should focus on these two streams.

Although taken off property, Samples CE-4 and CE-8 were anomalous for gold, while sample CSE-1 assayed uncharacteristically high for copper. All three samples drain from the southwest end of the ridge between Cypre River and Bedwell Sound which could represent a new area of interest.

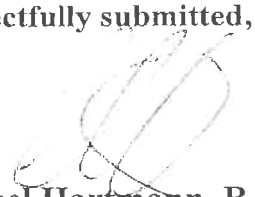
The effect of the possible metal fraction of the glacial till on the creek sediment is not known but assumed to be negligible.

RECOMMENDATIONS:

The streams yielding samples CE-38 and CE-52 should be sediment sampled at elevation in order to delineate the source of the gold and copper more closely; a soil sampling program and geological mapping covering the north end of the ridge between Cypre River and Bedwell Sound near Mount Saavedra would complement those results.

Since previous geophysical programs have excluded the likelihood of another large VMS type deposit, the locating of the source of gold should be priority on the Property at this time.

Respectfully submitted,



Samuel Hartmann, B.Sc.

REFERENCES:

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Vande Guchte M. J. & Stewart R. D.; **1990**; Geologocal and Geochemical Surveys on the Cypre 90-A, Cypre 90-B and Cypre 90-C Claim Groups. British Columbia Assessment Report No. 20561

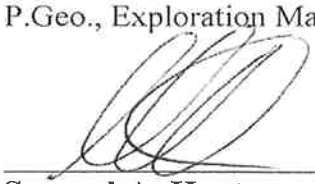
Statement of Qualifications:

For: Samuel A. Hartmann of 2395 Scenic Road, Kelowna, B.C. V1V 2C8

I graduated from the University of British Columbia with a Bachelor of Science Degree in Earth and Environmental Sciences (2010);

I have been practising my profession as a geologist in mineral exploration and mining continuously since my graduation;

The observations, conclusions and recommendations contained in the report are based on data generated from field work I performed during June and July 2010 while under the supervision of Jim Miller-Tait, P.Geo., Exploration Manager of Selkirk Metals Corp.



Samuel A. Hartmann, B.Sc.

SECTION B: PROPERTY

Schedule of Mineral Tenures

CATFACE NE PROPERTY - MINERAL TENURES

OWNER: Catface Copper Mines Limited **100.0%** **BC Client No.** **104480**

Date: **Dec 15 2010**
Tenures **14**
Units/Cells **301**
Area (ha) **6,334.66**

MINING DIVISION: Alberni **LAND DISTRICT:** Clayoquot

LOCATION: in the Cypre River Valley - Bedingfield Range from 14 to 27 km north of Tofino, BC

MAP NO. NTS: 92F/05W GEOGRAPHIC COORDINATES: 49° 19′ N; 125° 53′ W

BCGS: 92F021, 92F031, 92F032 UTM COORDINATES (NAD 83, ZONE 10): 5 466 650 N 290 450 E

Tenure No.	Tenure Type	Claim Name	% Held	Map No.	Record Date	Good To Date	Units/Cells	Area (ha)	Work/Rent
636863	Mineral	CC 1	100%	092F031	2009/sep/18	2011/dec 31	25	526.45	$2,105.80
636864	Mineral	CC 2	100%	092F031	2009/sep/18	2011/dec 31	25	526.24	$2,104.96
636865	Mineral	CC 3	100%	092F031	2009/sep/18	2011/dec 31	25	526.23	$2,104.92
636866	Mineral	CC 4	100%	092F031	2009/sep/18	2011/dec 31	25	526.23	$2,104.92
636867	Mineral	CC 5	100%	092F031	2009/sep/18	2011/dec 31	25	526.03	$2,104.12
636883	Mineral	CC 6	100%	092F031	2009/sep/18	2011/dec 31	25	526.04	$2,104.16
636884	Mineral	CC 7	100%	092F031	2009/sep/18	2011/dec 31	25	526.06	$2,104.24
636903	Mineral	CC 8	100%	092F032	2009/sep/18	2011/dec 31	9	189.37	$757.48
636904	Mineral	CC 9	100%	092F031	2009/sep/18	2011/dec 31	25	525.81	$2,103.24
636923	Mineral	CC 10	100%	092F031	2009/sep/18	2011/dec 31	25	525.84	$2,103.36
636924	Mineral	CC 11	100%	092F032	2009/sep/18	2011/dec 31	25	525.86	$2,103.44
636925	Mineral	CC 12	100%	092F032	2009/sep/18	2011/dec 31	9	189.30	$757.20
705221	Mineral	CC 13	100%	092F021	2010/feb/02	2012/dec/31	20	421.33	$1,685.32
705242	Mineral	CC 14	100%	092F021, 031	2010/feb/02	2012/dec/31	13	273.87	$1,095.48
Subtotal	14						301	6,334.66	$25,338.64

SECTION C: EXPENDITURES (Catface NE - 2010 Geochemical Survey)

Item	Work Performed	Quantities / Rates	Amount
Geological Survey:			
Personnel:			
Jim Miller-Tait, P.Geo Exploration Manager	Period: Jun 1-Jul 31, 2010	2 days @ $550.00	1,100.00
Samuel Hartmann, Junior Geologist	Period: Jun 1 to Jul 30, 2010. Geological reconnaissance, geochemical sampling	28 days @ $230.00	6,440.00
George P. Frank Field Assistant	Period: Jun 1 to Jul 30, 2010	23 days @$250.00	5,750.00
John F.K. Frank Field Assistant	Period: Jun 8-11, 2010	4 days @$250.00	1,000.00
Janelle Louie Field Assistant	Period: Jun 30, 2010	1 day @$190.00	190.00
Subtotal			14,480.00
Accommodation & Meals:			
Ahousaht General Store & Motel	Room and board for Samuel Hartmann, Jun 1 – Jul 30, 2010	28 nights @ $180.00	5,040.00
Subtotal			
Transportation:			
Water taxi: Peter Charlie Frank, Ahousaht, BC	Transport of 2 person field crew from Ahousaht to Whitepine Cove and return (2 persons x $20.00 x 2)	28 days @ $80.00	2,240.00
Vehicle	4x4 pickup truck	28 days @ $50.00	1,400.00
Subtotal			3,640.00
Field Supplies:	Survey supplies		63.28
Shipping:			
Analytical Services:			
Acme Analytical Laboratories Ltd. Vancouver, BC	Stream sediment samples: 41 Code 1DX: 36 elements (ICP-MS)	41 samples @ $14.62	599.60
Subtotal			
Map Preparation:			
Mike Davies, Moonraker Multimedia	Base map preparation, data plotting,	10 @ $70.00	700.00
Printing	Map printing		50.00
Subtotal			750.00
Report Preparation:			
Samuel Hartmann	Data review and report preparation	4 days @ $230.00	920.00
Erik Andersen, Land Administrator	Data and report compilation and editing	8.0 hours @ $40.00	320.00
Subtotal			1,240.00
Total Survey			**$25,812.88**

SECTION D: ANALYTICAL REPORTS

1. Analyses carried out by Acme Analytical Laboratories Ltd. of Vancouver, B.C.

File Number	Date of Certificate	No. of Samples	Sample Type	Analytical Procedure
VAN10003666	Aug 27 2010	41	Stream sediments	1DX2
Total				

1. Statement of Analytical Procedures: 1 data sheet
   - Group 1DX2; Multi-Element (36) Assay by ICP-MS; Aqua Regia Digestion

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Catface Copper Mines Limited**
200 - 580 Hornby Street
Vancouver BC V6C 3B6 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Vancouver
Received: August 04, 2010
Report Date: August 27, 2010
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN10003666.1

CLIENT JOB INFORMATION

Project: CATFACE NE
Shipment ID: CCML2010-03
P.O. Number
Number of Samples: 41

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	41	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	41	Dry at 60C			VAN
1DX2	35	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Catface Copper Mines Limited
200 - 580 Hornby Street
Vancouver BC V6C 3B6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.

AcmeLabs
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www.acmelab.com

Client: **Catface Copper Mines Limited**
200 - 580 Hornby Street
Vancouver BC V6C 3B6 Canada

Project: CATFACE NE
Report Date: August 27, 2010

CERTIFICATE OF ANALYSIS VAN10003666.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
917351	Sediment	0.3	116.2	2.9	68	<0.1	26.3	15.3	600	3.32	4.9	0.2	4.8	0.6	22	0.3	0.2	<0.1	92	1.06	0.065
917352	Sediment	0.3	130.8	2.3	66	<0.1	27.0	15.8	535	3.35	3.6	0.2	140.1	0.4	21	0.3	0.1	<0.1	92	0.64	0.051
917353	Sediment	0.6	76.9	3.3	71	<0.1	36.0	17.7	674	3.98	7.6	0.2	2.6	0.6	54	0.5	0.2	<0.1	91	3.39	0.068
917354	Sediment	0.6	25.0	5.7	82	0.1	20.4	11.9	1297	3.17	58.3	0.5	171.2	0.5	12	0.6	0.4	<0.1	51	0.57	0.050
917355	Sediment	0.7	40.5	5.6	94	<0.1	55.2	18.4	905	4.11	11.7	<0.1	<0.5	0.7	10	0.3	0.3	<0.1	75	0.28	0.037
917356	Sediment	0.3	42.9	2.6	48	<0.1	19.2	12.5	563	3.06	5.7	0.1	2.9	0.5	20	0.2	0.2	<0.1	78	0.57	0.042
917357	Sediment	2.9	64.1	11.6	77	<0.1	25.8	23.7	725	7.25	57.4	<0.1	5.4	0.7	7	0.2	1.2	0.4	68	0.15	0.052
917358	Sediment	4.3	51.9	8.6	79	<0.1	16.3	14.3	703	4.04	4.2	0.1	2.8	0.5	10	0.3	0.2	0.3	66	0.26	0.056
917359	Sediment	2.1	59.2	4.7	64	<0.1	21.3	23.6	640	3.13	2.9	0.1	2.2	0.4	11	0.2	<0.1	0.2	73	0.27	0.033
917360	Sediment	0.9	75.0	5.7	91	0.2	50.8	26.1	1108	6.21	32.3	<0.1	7.3	0.5	17	0.2	3.0	<0.1	102	0.44	0.074
917361	Sediment	1.7	42.1	8.6	89	0.1	28.9	16.3	915	3.96	28.3	0.3	4.2	0.8	18	0.4	0.6	<0.1	69	0.47	0.036
917362	Sediment	0.7	104.4	6.8	112	<0.1	84.4	28.6	1012	5.22	10.7	0.2	1.4	0.5	43	0.6	0.3	<0.1	147	0.98	0.042
917363	Sediment	1.0	61.6	4.9	83	<0.1	56.8	21.0	850	3.54	9.2	0.2	0.6	0.3	26	0.9	0.4	<0.1	77	0.50	0.038
917364	Sediment	0.8	75.6	5.4	81	<0.1	64.0	22.4	852	4.05	6.8	0.2	2.3	0.3	22	0.5	0.3	<0.1	97	0.54	0.046
917365	Sediment	0.5	59.1	4.8	74	<0.1	43.0	17.2	962	2.98	9.4	0.2	2.0	0.3	20	1.3	0.2	<0.1	74	1.36	0.061
917366	Sediment	0.4	68.1	4.0	62	<0.1	40.7	17.8	676	2.78	16.9	0.4	26.3	0.4	23	0.9	0.4	<0.1	78	0.94	0.057
917367	Sediment	0.4	48.3	4.5	68	<0.1	29.5	15.0	878	2.65	15.6	0.3	2.2	0.2	21	0.9	0.3	<0.1	69	0.69	0.029
917368	Sediment	0.4	97.6	3.1	49	<0.1	43.2	17.4	549	2.83	18.1	0.4	4.4	0.4	31	0.5	0.3	<0.1	75	1.86	0.052
917369	Sediment	0.4	99.9	4.3	70	0.2	46.3	20.5	677	3.03	23.9	0.4	557.0	0.5	24	0.6	0.5	<0.1	84	2.66	0.044
917370	Sediment	0.4	114.9	2.9	54	<0.1	38.9	16.4	416	2.95	35.2	1.2	4.5	0.3	17	0.5	0.4	<0.1	101	0.62	0.036
917371	Sediment	0.4	121.2	3.1	66	<0.1	38.8	19.6	676	2.99	24.3	0.3	1.8	0.3	22	0.9	0.5	<0.1	98	0.97	0.053
917372	Sediment	1.1	111.9	4.1	66	<0.1	36.6	17.0	574	2.99	18.7	0.6	5.9	0.3	20	0.7	0.5	<0.1	95	0.75	0.044
917373	Sediment	0.5	122.3	4.9	88	0.1	51.2	21.0	980	3.22	46.7	0.9	7.0	0.5	22	1.3	1.1	<0.1	84	0.90	0.069
917374	Sediment	0.5	67.5	6.0	77	0.2	32.7	13.2	606	4.04	155.5	0.9	3.4	0.3	28	0.8	1.3	<0.1	81	0.76	0.063
917375	Sediment	1.3	70.8	6.4	73	0.2	26.4	13.8	765	3.48	64.2	0.6	3.5	0.3	22	1.0	1.1	<0.1	78	1.00	0.058
917376	Sediment	1.1	417.7	4.1	64	0.2	176.2	32.2	694	4.18	27.0	1.0	16.0	0.7	24	0.4	0.3	<0.1	94	0.82	0.048
917377	Sediment	0.8	161.3	3.6	64	<0.1	36.2	22.5	737	3.68	4.9	0.2	3.9	0.6	20	0.2	0.2	<0.1	100	0.50	0.041
917378	Sediment	1.2	97.6	4.5	75	0.2	35.0	15.0	520	3.13	4.4	0.4	1.8	0.5	44	0.3	0.3	<0.1	81	0.81	0.051
917379	Sediment	0.5	60.6	4.5	73	<0.1	32.8	17.0	826	3.54	7.3	0.3	14.9	0.6	16	0.6	0.3	<0.1	88	0.48	0.043
917380	Sediment	0.4	51.8	4.0	81	<0.1	95.5	20.7	672	3.90	13.6	0.2	2.9	0.6	19	0.3	0.3	<0.1	86	0.47	0.032

Acme Analytical Laboratories (Vancouver) Ltd.
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200 - 580 Hornby Street
Vancouver BC V6C 3B6 Canada

Project: CATFACE NE
Report Date: August 27, 2010

CERTIFICATE OF ANALYSIS VAN10003666.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
917351	Sediment	3	41	1.25	38	0.162	9	2.62	0.018	0.06	0.1	0.05	4.8	<0.1	<0.05	7	0.6	0.4
917352	Sediment	2	38	1.02	33	0.143	7	2.55	0.015	0.03	<0.1	0.04	3.8	<0.1	<0.05	7	0.6	<0.2
917353	Sediment	3	75	2.50	76	0.166	7	3.20	0.024	0.06	0.2	0.03	6.4	<0.1	<0.05	9	0.5	<0.2
917354	Sediment	6	39	1.03	86	0.089	3	2.33	0.012	0.07	0.1	0.10	3.9	0.1	<0.05	7	0.8	0.2
917355	Sediment	5	103	1.71	51	0.161	4	2.54	0.011	0.14	0.1	0.03	5.6	<0.1	<0.05	8	0.7	<0.2
917356	Sediment	2	34	1.03	24	0.145	4	2.01	0.021	0.05	0.2	0.02	3.5	<0.1	<0.05	6	0.7	0.5
917357	Sediment	3	41	1.16	25	0.088	3	1.83	0.006	0.07	<0.1	1.89	4.6	<0.1	2.38	6	3.4	0.5
917358	Sediment	2	27	0.92	32	0.113	2	2.31	0.009	0.03	0.1	0.07	3.1	<0.1	<0.05	5	2.9	0.5
917359	Sediment	2	34	1.07	28	0.136	2	2.44	0.011	0.03	<0.1	0.05	3.2	<0.1	<0.05	6	1.6	0.3
917360	Sediment	3	90	1.88	38	0.058	6	3.53	0.011	0.06	0.1	0.16	8.1	<0.1	0.14	8	0.9	<0.2
917361	Sediment	5	51	1.09	50	0.132	3	2.81	0.014	0.07	0.2	0.07	4.7	<0.1	<0.05	7	0.8	<0.2
917362	Sediment	3	152	2.16	97	0.304	3	3.64	0.014	0.04	<0.1	0.05	7.2	<0.1	<0.05	10	1.2	<0.2
917363	Sediment	4	82	1.75	71	0.133	4	2.60	0.011	0.04	<0.1	0.03	5.7	<0.1	<0.05	6	0.6	<0.2
917364	Sediment	2	103	1.80	67	0.144	2	2.92	0.013	0.03	<0.1	0.04	5.3	<0.1	<0.05	7	0.5	<0.2
917365	Sediment	3	57	1.73	48	0.090	2	2.29	0.017	0.03	0.1	0.04	4.1	<0.1	<0.05	6	0.7	<0.2
917366	Sediment	3	50	1.20	60	0.116	4	2.04	0.027	0.02	<0.1	0.05	3.2	<0.1	0.09	6	1.0	<0.2
917367	Sediment	2	39	1.03	54	0.135	3	1.73	0.019	0.02	<0.1	0.03	2.9	<0.1	0.08	6	0.8	<0.2
917368	Sediment	3	48	1.63	71	0.146	5	2.33	0.037	0.02	<0.1	0.02	3.3	<0.1	0.13	6	0.8	<0.2
917369	Sediment	3	55	2.36	32	0.195	2	1.97	0.019	0.01	<0.1	0.04	3.6	<0.1	0.14	6	0.7	<0.2
917370	Sediment	3	46	1.10	88	0.213	2	2.51	0.024	0.01	<0.1	0.02	3.6	<0.1	<0.05	7	0.8	<0.2
917371	Sediment	4	38	0.97	120	0.197	2	2.16	0.033	0.03	<0.1	0.03	3.5	<0.1	<0.05	7	1.4	<0.2
917372	Sediment	3	41	1.16	103	0.167	3	1.99	0.027	0.01	<0.1	0.02	3.2	<0.1	<0.05	7	1.0	<0.2
917373	Sediment	7	48	1.64	119	0.101	4	2.55	0.022	0.03	0.1	0.04	4.5	<0.1	<0.05	6	1.0	<0.2
917374	Sediment	4	34	0.94	51	0.067	2	1.70	0.021	0.03	0.2	0.06	3.7	<0.1	<0.05	5	0.9	<0.2
917375	Sediment	4	28	1.10	51	0.075	2	1.72	0.020	0.03	0.2	0.06	3.6	<0.1	<0.05	5	0.6	<0.2
917376	Sediment	3	127	2.11	80	0.136	5	3.04	0.022	0.02	<0.1	0.06	3.8	<0.1	<0.05	7	1.6	<0.2
917377	Sediment	3	47	1.04	60	0.281	4	2.95	0.015	0.03	<0.1	0.07	5.1	<0.1	<0.05	8	0.8	<0.2
917378	Sediment	2	42	1.02	306	0.192	3	1.95	0.020	0.03	<0.1	0.03	3.8	<0.1	<0.05	6	1.0	<0.2
917379	Sediment	5	48	1.63	37	0.129	3	2.43	0.012	0.04	<0.1	0.09	6.2	<0.1	<0.05	6	0.6	<0.2
917380	Sediment	3	117	1.67	34	0.154	3	2.61	0.009	0.04	0.1	0.05	6.1	<0.1	<0.05	7	<0.5	<0.2

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Client: **Catface Copper Mines Limited**
200 - 580 Hornby Street
Vancouver BC V6C 3B6 Canada

Project: CATFACE NE
Report Date: August 27, 2010

CERTIFICATE OF ANALYSIS VAN10003666.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
917381	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
917382	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
917383	Sediment	0.9	36.9	7.0	104	<0.1	25.0	17.1	1024	3.74	12.5	0.2	4.2	0.8	16	0.8	0.4	0.1	56	0.59	0.038
917384	Sediment	0.7	72.9	4.3	60	<0.1	26.5	14.9	580	2.94	5.1	0.3	3.8	0.5	24	0.2	0.4	<0.1	84	0.65	0.038
917385	Sediment	0.5	105.2	3.0	55	<0.1	35.3	16.6	495	3.20	4.7	0.3	5.5	0.5	29	<0.1	0.3	<0.1	90	0.92	0.049
917386	Sediment	0.4	70.7	3.9	60	<0.1	29.8	15.9	485	3.41	8.2	0.1	0.6	0.4	24	0.1	0.4	<0.1	77	0.81	0.048
917387	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
917388	Sediment	0.7	102.5	4.1	54	<0.1	40.7	17.1	553	3.30	17.8	0.3	5.7	0.5	25	0.2	0.4	<0.1	81	0.67	0.049
917389	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
917390	Sediment	1.2	89.7	3.9	77	<0.1	47.3	23.5	622	3.43	33.9	0.4	2.8	0.3	37	0.2	0.6	0.7	81	0.69	0.031
917391	Sediment	2.4	681.3	1.8	35	0.8	27.9	15.5	287	2.54	4.1	0.2	7.3	0.5	53	0.2	0.2	1.2	52	0.85	0.051

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200 - 580 Hornby Street
Vancouver BC V6C 3B6 Canada

Project: CATFACE NE
Report Date: August 27, 2010

CERTIFICATE OF ANALYSIS VAN10003666.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
917381	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
917382	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
917383	Sediment	5	42	1.44	39	0.133	6	2.40	0.011	0.05	0.1	0.08	5.6	<0.1	<0.05	7	1.1	<0.2
917384	Sediment	3	35	0.73	64	0.205	10	1.97	0.019	0.03	<0.1	0.07	3.8	<0.1	<0.05	8	1.1	<0.2
917385	Sediment	3	46	0.98	61	0.283	5	2.26	0.031	0.04	0.1	0.04	4.8	<0.1	<0.05	7	1.2	<0.2
917386	Sediment	3	43	0.99	46	0.258	6	1.99	0.026	0.03	0.2	0.03	4.5	<0.1	0.06	8	0.5	<0.2
917387	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
917388	Sediment	3	50	0.95	33	0.200	5	2.66	0.021	0.03	0.1	0.07	4.7	<0.1	<0.05	7	0.5	<0.2
917389	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
917390	Sediment	2	72	1.17	72	0.265	2	2.55	0.034	0.02	0.2	0.06	4.7	<0.1	<0.05	7	<0.5	<0.2
917391	Sediment	2	36	0.79	46	0.205	2	1.89	0.067	0.08	1.8	0.04	3.4	<0.1	<0.05	6	<0.5	0.7

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Client: **Catface Copper Mines Limited**
200 - 580 Hornby Street
Vancouver BC V6C 3B6 Canada

Project: CATFACE NE
Report Date: August 27, 2010

QUALITY CONTROL REPORT VAN10003666.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
917377	Sediment	0.8	161.3	3.6	64	<0.1	36.2	22.5	737	3.68	4.9	0.2	3.9	0.6	20	0.2	0.2	<0.1	100	0.50	0.041
REP 917377	QC	0.8	163.2	3.8	66	<0.1	36.1	21.8	760	3.76	5.1	0.2	3.3	0.5	21	0.2	0.3	<0.1	108	0.55	0.045
917379	Sediment	0.5	60.6	4.5	73	<0.1	32.8	17.0	826	3.54	7.3	0.3	14.9	0.6	16	0.6	0.3	<0.1	88	0.48	0.043
REP 917379	QC	0.5	65.4	4.8	76	<0.1	37.6	17.9	893	3.70	6.8	0.3	208.2	0.6	18	0.7	0.4	<0.1	86	0.56	0.047
Reference Materials																					
STD DS7	Standard	21.2	112.0	74.1	425	0.9	58.4	9.5	634	2.46	52.8	5.2	64.8	4.8	81	6.0	6.6	5.0	76	0.93	0.075
STD DS7	Standard	19.8	98.7	64.3	386	1.0	56.4	8.8	633	2.36	51.4	4.2	71.8	4.0	68	5.9	5.7	4.3	80	0.91	0.078
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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200 - 580 Hornby Street
Vancouver BC V6C 3B6 Canada

Project: CATFACE NE
Report Date: August 27, 2010

QUALITY CONTROL REPORT VAN10003666.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
917377	Sediment	3	47	1.04	60	0.281	4	2.95	0.015	0.03	<0.1	0.07	5.1	<0.1	<0.05	8	0.8	<0.2
REP 917377	QC	3	51	1.05	64	0.330	3	3.03	0.023	0.03	<0.1	0.07	5.6	<0.1	<0.05	9	0.9	<0.2
917379	Sediment	5	48	1.63	37	0.129	3	2.43	0.012	0.04	<0.1	0.09	6.2	<0.1	<0.05	6	0.6	<0.2
REP 917379	QC	5	50	1.67	44	0.176	4	2.62	0.014	0.05	<0.1	0.08	6.6	<0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS7	Standard	13	208	1.03	410	0.125	42	1.03	0.105	0.47	3.8	0.21	2.4	4.2	0.17	5	3.2	1.0
STD DS7	Standard	12	197	1.02	403	0.107	37	1.00	0.099	0.49	3.7	0.22	2.2	4.1	0.17	5	3.6	1.0
STD DS7 Expected		12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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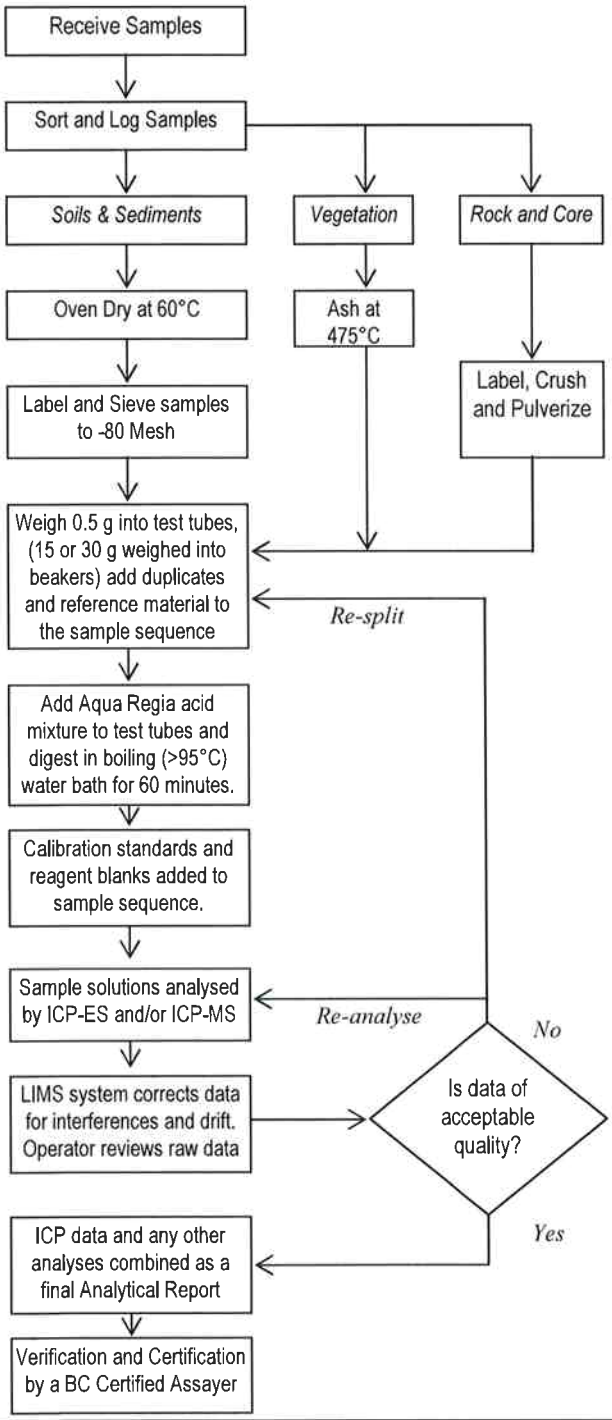
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA

Analytical Process



Comments

Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-180 μm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 80% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 85% passing 200 mesh (75 μm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

Sample Digestion

A modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO_3 and de-mineralised H_2O is added to each sample to leach for one hour in a heating block or hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 mL.

Sample Analysis

Group 1D: solutions aspirated into a Spectro Ciros Vision or Varian 735 emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Group 1DX: solutions aspirated into a Perkin Elmer Elan 6000/9000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, *Ga*, *Hg*, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, *S*, Sb, *Sc*, *Se*, *Tl*, Sr, Th, Ti, U, V, W, Zn.

Quality Control and Data Verification

QA/QC protocol incorporates a sample-prep blank (G-1) as the first sample in the job which is carried through all stages of preparation to analysis. An Analytical Batch comprises 36 client samples and incorporates a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), a reagent blank to measure background and aliquots of in-house Reference Material like STD DS7. Data undergoes a final verification by a British Columbia Certified Assayer who then validates results before it is released to the client.

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Group 1D, 1DX ICP-ES & ICP-MS DETECTION LIMITS

	Group 1D Detection	Group 1DX Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	100 ppm
Al*	0.01 %	0.01 %	10 %
As	2 ppm	0.5 ppm	10000 ppm
Au	2 ppm	0.5 ppb	100 ppm
B*^	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	2000 ppm
Ca*	0.01 %	0.01 %	40 %
Cd	0.5 ppm	0.1 ppm	2000 ppm
Co	1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	10000 ppm
Fe*	0.01 %	0.01 %	40 %
Ga*	-	1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	100 ppm
K*	0.01 %	0.01 %	10 %
La*	1 ppm	1 ppm	10000 ppm
Mg*	0.01 %	0.01 %	30 %
Mn*	2 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	2000 ppm
Na*	0.01 %	0.001 %	10 %
Ni	1 ppm	0.1 ppm	10000 ppm
P*	0.001 %	0.001 %	5 %
Pb	3 ppm	0.1 ppm	10000 ppm
S	-	0.05 %	10 %
Sb	3 ppm	0.1 ppm	2000 ppm
Sc	-	0.1 ppm	100 ppm
Se	-	0.5 ppm	100 ppm
Sr*	1 ppm	1 ppm	10000 ppm
Th*	2 ppm	0.1 ppm	2000 ppm
Ti*	0.01 %	0.001 %	10 %
Tl	5 ppm	0.1 ppm	1000 ppm
U*	8 ppm	0.1 ppm	2000 ppm
V*	1 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	100 ppm
Zn	1 ppm	1 ppm	10000 ppm

* Solubility of some elements will be limited by mineral species present.
^Detection limit = 1 ppm for 15g / 30g analysis.

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SECTION E: SAMPLING DATA

SAMPLE DESCRIPTIONS

1. CE Series

2. CSE Series

3. WPM Series

CATFACE NE PROPERTY: 2010 GEOCHEMICAL SAMPLING PROGRAM

Sample Type: **Stream Sediment**
Sampled by: **Samuel Hartmann**
Stream Sediment Sampling: Cypre River
Samples from east side of Cypre have even sample numbers, eg CE 2,4...
All sampling locations are identified by labeled dark red or pink flagging
Datum: UTM NAD 83, Zone 10

Field ID	ACME #	Date	Easting	Northing	Sample Quality	Comments
CE2	917351	June 8 2010			ok	no gps fix, approx. 15 m from CE4. small waterfall
CE4	917352	June 8 2010	288837	5464836	poor	v. small creek, heavy veg; degrading into till
CE6	917353	June 8 2010	289077	5464806	good	decent flow, degrading into till
CE8	917354	June 8 2010	289607	5465182	poor	v.small creek, seasonal? Depth < 5cm
CE10	917355	June 8 2010	290426	5466445	ok	big boulders, little seds, streambed 2-3m
CE12	917356	June 9 2010	290595	5466463	good	small creek, good sediments
CE14	917357	June 9 2010	290900	5466636	good	start of atc access; bridge washed out; stream 3m
CE16	917358	June 9 2010	291037	5466779	poor	v.small creek, organics in sed
CE18	917359	June 9 2010	291221	5466827	poor	similar as escribed above
CE20	917360	June 9 2010	291221	5467015	good	large creek w. cedar box bridge. Good seds
CE22	917361	June 9 2010	291300	5467139	ok	big creek bed,little flow. Hard armor layer
CE24	917362	June 9 2010	291400	5467304	good	large flow, 0.5 m3/s, good sample,lots seds
CE26	917363	June 9 2010	291460	5467377	good	small creek,med sediment,good sample
CE28	917364	June 29 2010	291566	5467556	ok	seasonal crk bed, 2m wide, no flow
CE30	917365	June 29 2010	291666	5467866	good	v, little flow, 1l/sec, good seds
CE32	917366	June 29 2010	291642	5467931	good	similar to CE 30, 2l/sec
CE34	917367	June 29 2010	291669	5468006	ok	bedrock crkbed,sample taken upstream by George
CE36	917368	June 29 2010	291695	5468083	ok	v.little flow cutting into 2m till
CE38	917369	June 29 2010	291715	5468339	good	3-5m wide, 0.5 m^3/sec, Karmut bedrock, large boulders
CE40	917370	June 29 2010	291709	5468428	poor	v. small creek over till pooling near road ditch
CE42	917371	June 29 2010	291741	5468593	good	small crk over bedrock, sample taken in pool
CE44	917372	June 29 2010	291794	5468791	ok	0.5 m wide crk, over till.ok sample
CE46	917373	June 29 2010	291824	5469279	ok	little crk, thick till, heavy veg
CE48	917374	June 29 2010	291853	5469402	ok	heavy organics in seds, little flow
CE50	917375	June 29 2010	291848	5469511	ok	George sampled. Seds in bedrock crk bed in pool
CE52	917376	June 29 2010	292200	5470498	ok	no flow, angular basalt, seds from standing pool

CATFACE NE PROPERTY: 2010 GEOCHEMICAL SAMPLING PROGRAM

Sample Type: **Stream Sediment**
Sampled by: **Samuel Hartmann**
Stream sediment sampling: CSE Series
Location: Road South of Cypre River, heading past Cypress Bay towards Bedwell Sound
All sampling locations are identified by labeled dark red or pink flagging
Datum: UTM NAD 83, Zone 10

Field ID	ACME #	Date	Easting	Northing	Sample Quality	Comments
CSE 1	917377	June 29 2010	288781	5463635	good	small crk, no flow, sieved sample later. Thick till
CSE 2	917378	June 29 2010	288831	5463511	good	v.small crk, 1l/sec, thickt till, good sample
CSE 3	917379	June 29 2010	290237	5463354	good	1m wide small pebbly creek
CSE 4	917380	June 29 2010	290806	5463408	good	area logged, small creek, low velocity
CSE 5	917381	June 29 2010	290865	5463413	ok	crk similar to CSE 4 but more organics. Pebbles rusty + algae
CSE 6	917382	June 29 2010	292285	5463865	poor	confluence od 2 crks,large blk pebbles, v, little sediment
CSE 7	917383	June 29 2010	291714	5463815	good	missed crk, sampled on return. Btwn CSE 5-6. Lots of seds.

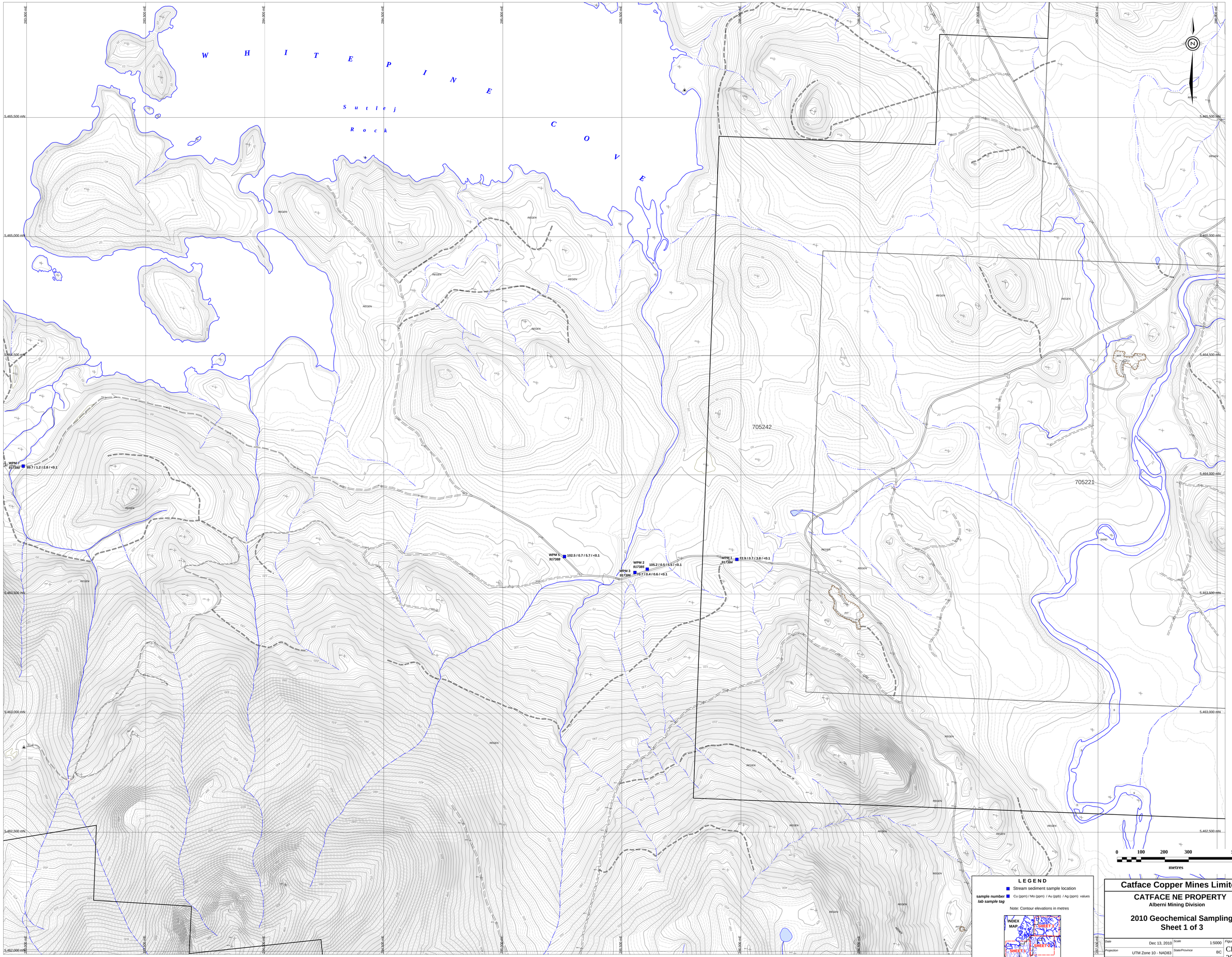
CATFACE NE PROPERTY: 2010 GEOCHEMICAL SAMPLING PROGRAM

Sample Type: **Stream Sediment**
Sampled by: **Samuel Hartmann**
Stream sediment sampling: WPM Series
Location: White Pine Main, heading NW from Cypre to E Mainline
All sampling locations are identified by labeled dark red or pink flagging
Datum: UTM NAD 83, Zone 10 except for WPM 8 which is in Zone 9

Field ID	ACME #	Date	Easting	Northing	Sample Quality	Comments
WPM 1	917384	June 30 2010	285983	5463645	ok	1m crk, bedrock,little flow, organics + algae
WPM 2	917385	June 30 2010	285607	5463604	ok	same WPM 1, but less organics
WPM 3	917386	June 30 2010	285555	5463590	ok	small sample, heavy organics + algae
WPM 4	917387	June 30 2010	285456	5463581	poor	at 6km mark, 3m, v.little fines in seds,boulders. Bedrock
WPM 5	917388	June 30 2010	285259	5463657	good	3m, little water,fish fry, good sample.Gravel + seds
WPM 6	917389	June 30 2010	283999	5464119	poor	2m,just before 1km mark, boulders, little seds,small sample
WPM 7	917390	June 30 2010	282986	5464037	good	past 2km, 3m, v.little seds, no algae, small sample
WPM 8	917391	June 30 2010	717959	5461542	good	Irishman Creek at end of road, use as reference

SECTION F: ILLUSTRATIONS

Plan Number	Title	Scale
CFR-10-1 (p. 2a)	BC Location Plan	1:8 000 000
CFR-10-2 (p. 2b)	General Location Plan	1:250 000
CFNE-10-3 (p. 2c)	Mineral Tenures	1:100 000
CFNE-2010-4 (pocket)	2010 Geochemical Sampling Sheet 1 of 3	1:5 000
CFNE-2010-5 (pocket)	2010 Geochemical Sampling Sheet 2 of 3	1:5 000
CFNE-2010-6 (pocket)	2010 Geochemical Sampling Sheet 3 of 3	1:5 000



LEGEND

- Stream sediment sample location
- **sample number** Cu (ppm) / Mo (ppm) / Au (ppb) / Ag (ppm) values
- ***lab sample tag***

Note: Contour elevations in metres

INDEX MAP

SHEET 1
SHEET 2
SHEET 3

Catface Copper Mines Limited

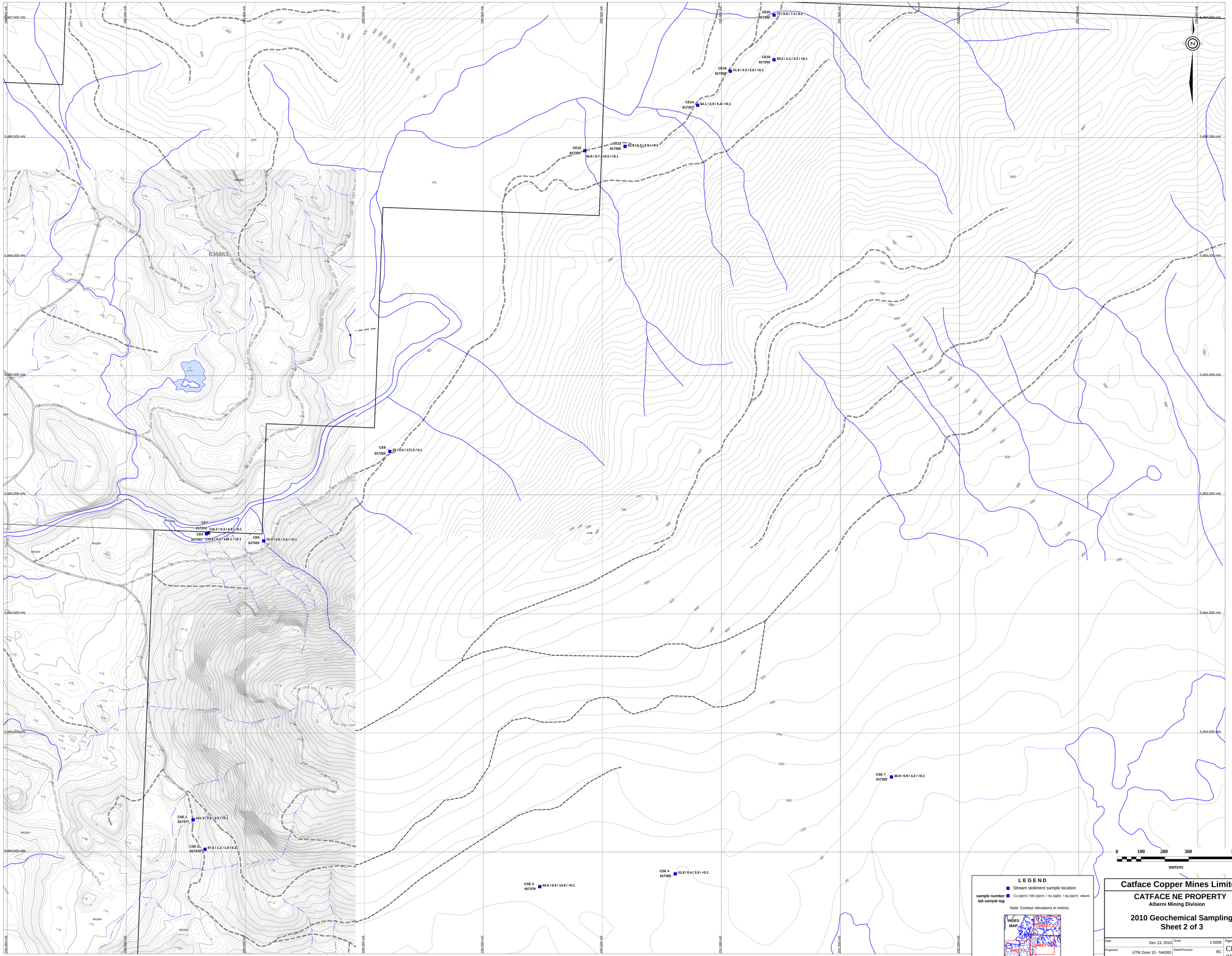
CATFACE NE PROPERTY

Alberni Mining Division

2010 Geochemical Sampling Sheet 1 of 3

Date	Dec 13, 2010	Scale	1:5000
Projection	UTM Zone 10 - NAD83	State/Province	BC
Author	EA	File	CatNE_Slit5K

Figure CFNE-2010-4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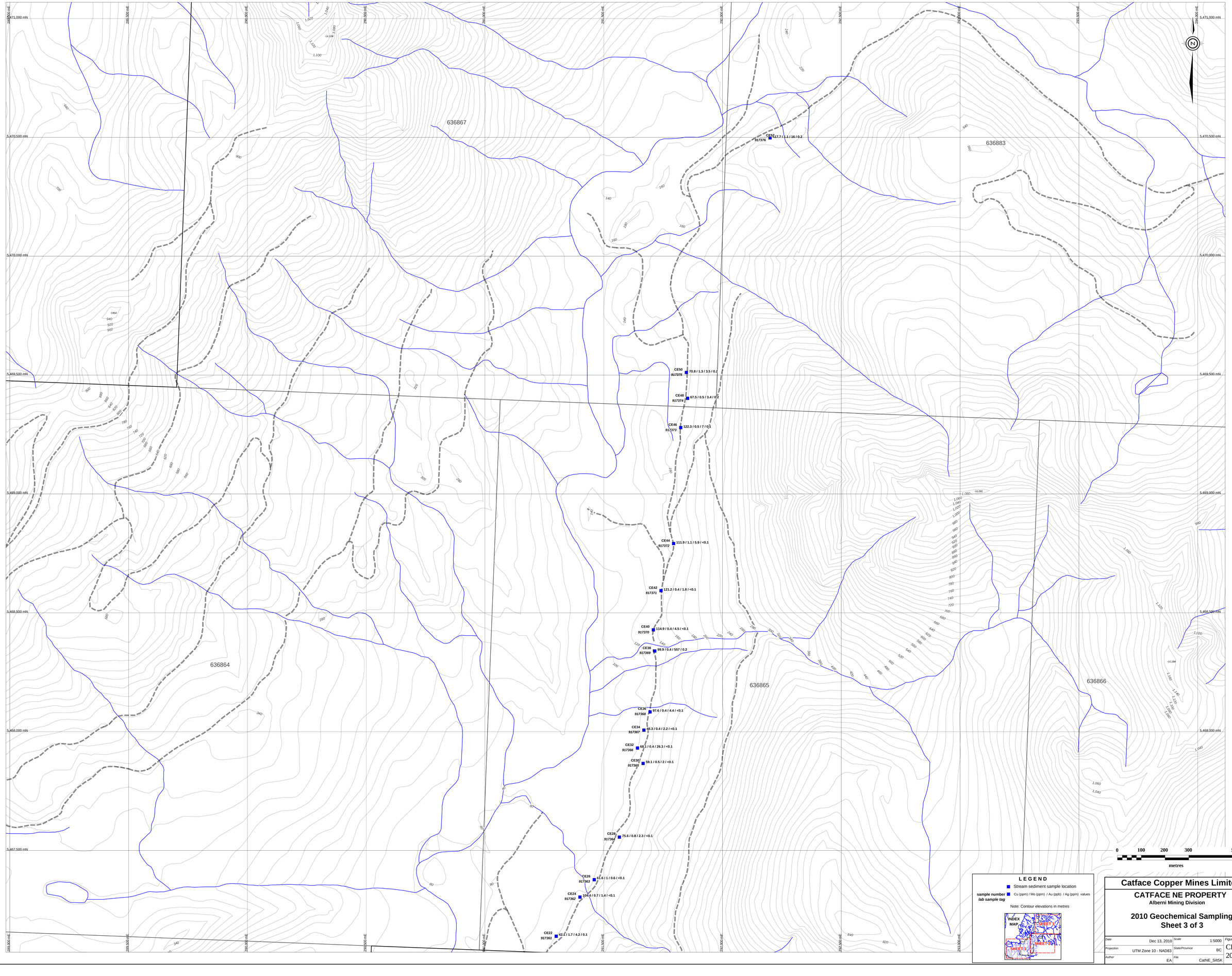
289,000 mE
289,500 mE
290,000 mE
290,500 mE
291,000 mE
291,500 mE
292,000 mE
292,500 mE
636863
CE20
917360
75 / 0.9 / 7.3 / 0.2
CE18
917359
59.2 / 2.1 / 2.2 / <0.1
CE16
917358
51.9 / 4.3 / 2.8 / <0.1
CE14
917357
64.1 / 2.9 / 5.4 / <0.1
CE12
917356
42.9 / 0.3 / 2.9 / <0.1
CE10
917355
40.5 / 0.7 / <0.5 / <0.1
CE8
917354
25 / 0.6 / 171.2 / 0.1
CE6
917353
76.9 / 0.6 / 2.6 / <0.1
CE4
917352
130.8 / 0.3 / 140.1 / <0.1
CE2
917351
116.2 / 0.3 / 4.8 / <0.1
CSE 1
917377
161.3 / 0.8 / 3.9 / <0.1
CSE 2
917378
97.6 / 1.2 / 1.8 / 0.2
CSE 3
917379
60.6 / 0.5 / 14.9 / <0.1
CSE 4
917380
51.8 / 0.4 / 2.9 / <0.1
CSE 7
917383
36.9 / 0.9 / 4.2 / <0.1
REGEN
0
100
200
300
500
metres
L E G E N D
Stream sediment sample location
sample number
lab sample tag
Cu (ppm) / Mo (ppm) / Au (ppb) / Ag (ppm) values
Note: Contour elevations in metres
INDEX MAP
SHEET 1
SHEET 2
SHEET 3
Catface Copper Mines Limited
CATFACE NE PROPERTY
Alberni Mining Division
2010 Geochemical Sampling
Sheet 2 of 3
Date
Dec 13, 2010
Scale
1:5000
Figure
CFNE-2010-5
Projection
UTM Zone 10 - NAD83
State/Province
BC
Author
EA
File
CatNE_Sht5K



LEGEND

- Stream sediment sample location
- **sample number** / ***lab sample tag*** — Cu (ppm) / Mo (ppm) / Au (ppb) / Ag (ppm) values

Note: Contour elevations in metres

Catface Copper Mines Limited

CATFACE NE PROPERTY

Alberni Mining Division

2010 Geochemical Sampling
Sheet 3 of 3

Date	Dec 13, 2010	Scale	1:5000
Projection	UTM Zone 10 - NAD83	State/Province	BC
Author	EA	File	CatNE_Slt5K
		Figure	CFNE-2010-6