

# **Geochemical and Prospecting Report**

**on the**

## **Cal & Dotty Properties**

**Comprised of the**

**Cal 1-28 claims (YD 08071-08098 and  
Dotty claims (YD08563-08574)**

NTS 106D/05  
Mayo Mining Division  
Yukon Territory, Canada  
64°19'N Lat., 135°52'W Long.

Work Performed: August 4 to 19, 2010

On behalf of:

North Arrow Minerals Inc.  
Suite 860 - 625 Howe Street  
Vancouver, BC, Canada  
V6C 2T6

Report prepared by:

Michael S. Cathro, MSc, PGeo  
Cathro Resources Corp.

March 25, 2011

## 1.0 TABLE OF CONTENTS

2.0 Summary and Introduction .....	3
3.0 Project Location and Land Status.....	3
4.0 Access .....	4
5.0 Previous Work.....	4
6.0 Regional Geology and Mineral Deposits.....	6
7.0 2010 Work Program .....	9
8.0 Results and Interpretation .....	10
9.0 Summary and Recommendations.....	11
10.0 Qualifications.....	12

### List of Figures

Figure 1. Location map of Cal-Dotty Project Area.....	3
Figure 2. Portion of Claim Map 106D05 including Cal and Dotty claims .....	6
Figure 3. Regional Geology of the Cal and Dotty Properties (from Green and Roddick, GSC Map 15-1962).....	8
Figure 4. Regional Geology and Geochemistry of Cal and Dotty Area (from MapMaker website).....	9

### List of Maps

Map 1. Cal Sample Locations.....	in pocket
Map 2. Dotty Sample Locations .....	in pocket
Map 3. Cal Sample Gold Results.....	in pocket
Map 4. Cal Sample Gold Results.....	in pocket

### List of Tables

Table 1. List of Claims, Cal and Dotty Properties.....	5
--	---

### List of Appendices

Appendix 1. Sample Descriptions.....	13
Appendix 2. Laboratory Certificates.....	17

## 2.0 SUMMARY AND INTRODUCTION

A five-day program of silt sampling, prospecting, and soil sampling was completed on the Cal and Dotty claim groups and surrounding open ground, located approximately 45 km NW of Keno City, Yukon. The project was completed on behalf of North Arrow Minerals Inc. The target is sediment-hosted gold mineralization similar to the newly discovered Rau (Tiger zone) gold deposit of ATAC Resources Ltd. The work was in part supported by a grant under the Yukon Mining Incentive Program.

The purpose of the project was to follow-up stream sediment anomalies from government regional geochemical surveys, and to identify gold or other metallic mineralization similar to the Tiger gold deposit.

The program was not successful in confirming highly anomalous government RGS stream sediment anomalies for Au (to 210 ppb), Mo (to 1120 ppm), Ni (to 1230 ppm), Sb (to 3.4 ppm) and W (to 140 ppb). No significant results for Au or pathfinder elements were returned from 173 silt, soil and rock samples and no additional work is recommended.

## 3.0 PROJECT LOCATION AND LAND STATUS

The Cal and Dotty project area (Figure 1) is located approximately 45 km NW of Keno City or 80 km north of Mayo in the Mayo Mining Division on NTS map sheet 106D/05 (approximately 64°19'N, 135°52'W).



Figure 1. Location map of Cal-Dotty Project area.

The project area includes the Cal 1-28 and Dotty 1-12 quartz claims (Table 1, Figure 2) and open ground surrounding the Cal claims. The claims are held in the names of Adam R. Travis and Michael S. Cathro in trust for a partnership of Cathro Resources Corp. (50%) and Cazador Resources Ltd. (50%). The claims are subject to an option agreement with North Arrow Minerals Inc.

The Dotty 1-12 claims lie within the newly established Peel Watershed Planning Region (Figure 2). The Peel planning area has an interim staking withdrawal, which began on February 04, 2010 (Order-in-Council 2010/18) and has been extended until 2012. It is understood that exploration is permitted on the pre-existing Dotty claims as they were staked prior to the withdrawal, and that there are no restrictions on the remainder of the project area.

#### 4.0 ACCESS

The Cal and Dotty projects are accessible by helicopter from Mayo (80 km south). Road access being developed into the adjacent Rau Project may afford for more economical transportation of heavy equipment and fuel in the future, should the property develop to a more advanced stage.

#### 5.0 PREVIOUS WORK

A careful review of assessment reports and previous YMIP found no evidence of significant exploration work on either the Cal or Dotty claims.

The claims were selected based on a review of anomalous gold and pathfinder elements in government stream sediment (RGS) samples. In the Cal area, two RGS silt samples are anomalous for gold and pathfinder elements (42 and 37 ppb Au, 21 ppm As, 310 ppb Mo, 21 ppm Pb, 5 ppm W; see figures 6 and 7). According to information released by ATAC for the Stoker prospect on the Stoked claims directly to the west of Cal, mineralization is hosted in veins and breccia in fold hinges within interlayered clastic and carbonate stratigraphy.

An RGS stream sediment sample draining the Dotty claims is highly anomalous in gold and a different set of pathfinder elements (210 ppb Au, 31 ppm As, 1120 ppm Mo, 1230 ppm Ni, 3.4 ppm Sb, 140 ppm W; see figures 6 and 7). This suite of elements may be suggestive of an epithermal precious metal environment or perhaps a stratiform exhalative Ni-Mo target (e.g. Nick-type).

One YMIP report (S. Ryan, YMIP 05-021, 2005) documented a small amount of soil sampling in the area of these two properties. Weakly anomalous Au, As and Sb values were found in soils on the current Cal claims, and to the west on the current Stoked property of ATAC Resources.. In addition, several soil samples on the south side of the current Dotty claims were anomalous in Cu-Pb-Zn-As. Ryan also noted that this drainage

was rusty. It should be noted that Ryan's report does not contain a sample location map and the location of anomalies is not clear. Nevertheless, Ryan recommended more prospecting in the area of the anomalous Au-As-Sb values on the ridge (now on the Cal claims), and prospecting and soil sampling to locate the source of the anomalous base metal soil results (on what is now the Dotty claims).

**Table 1. List of Claims, Cal and Dotty Properties, Mayo Mining Division, 106D05**

Grant Number	Reg Type	Claim Name	Claim Nbr	Claim Owner	Operation Recording Date	Claim Expiry Date	Status
YD08071	Quartz	Cal	1	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08072	Quartz	Cal	2	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08073	Quartz	Cal	3	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08074	Quartz	Cal	4	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08075	Quartz	Cal	5	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08076	Quartz	Cal	6	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08077	Quartz	Cal	7	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08078	Quartz	Cal	8	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08079	Quartz	Cal	9	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08080	Quartz	Cal	10	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08081	Quartz	Cal	11	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08082	Quartz	Cal	12	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08083	Quartz	Cal	13	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08084	Quartz	Cal	14	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08085	Quartz	Cal	15	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08086	Quartz	Cal	16	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08087	Quartz	Cal	17	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08088	Quartz	Cal	18	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08089	Quartz	Cal	19	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08090	Quartz	Cal	20	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08091	Quartz	Cal	21	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08092	Quartz	Cal	22	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08093	Quartz	Cal	23	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08094	Quartz	Cal	24	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08095	Quartz	Cal	25	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08096	Quartz	Cal	26	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08097	Quartz	Cal	27	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08098	Quartz	Cal	28	Michael S. Cathro - 100%.	11/5/09	11/5/10	Active
YD08563	Quartz	Dotty	1	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08564	Quartz	Dotty	2	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08565	Quartz	Dotty	3	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08566	Quartz	Dotty	4	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08567	Quartz	Dotty	5	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08568	Quartz	Dotty	6	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08569	Quartz	Dotty	7	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08570	Quartz	Dotty	8	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08571	Quartz	Dotty	9	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08572	Quartz	Dotty	10	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08573	Quartz	Dotty	11	Adam R. Travis - 100%.	11/5/09	11/5/11	Active
YD08574	Quartz	Dotty	12	Adam R. Travis - 100%.	11/5/09	11/5/11	Active

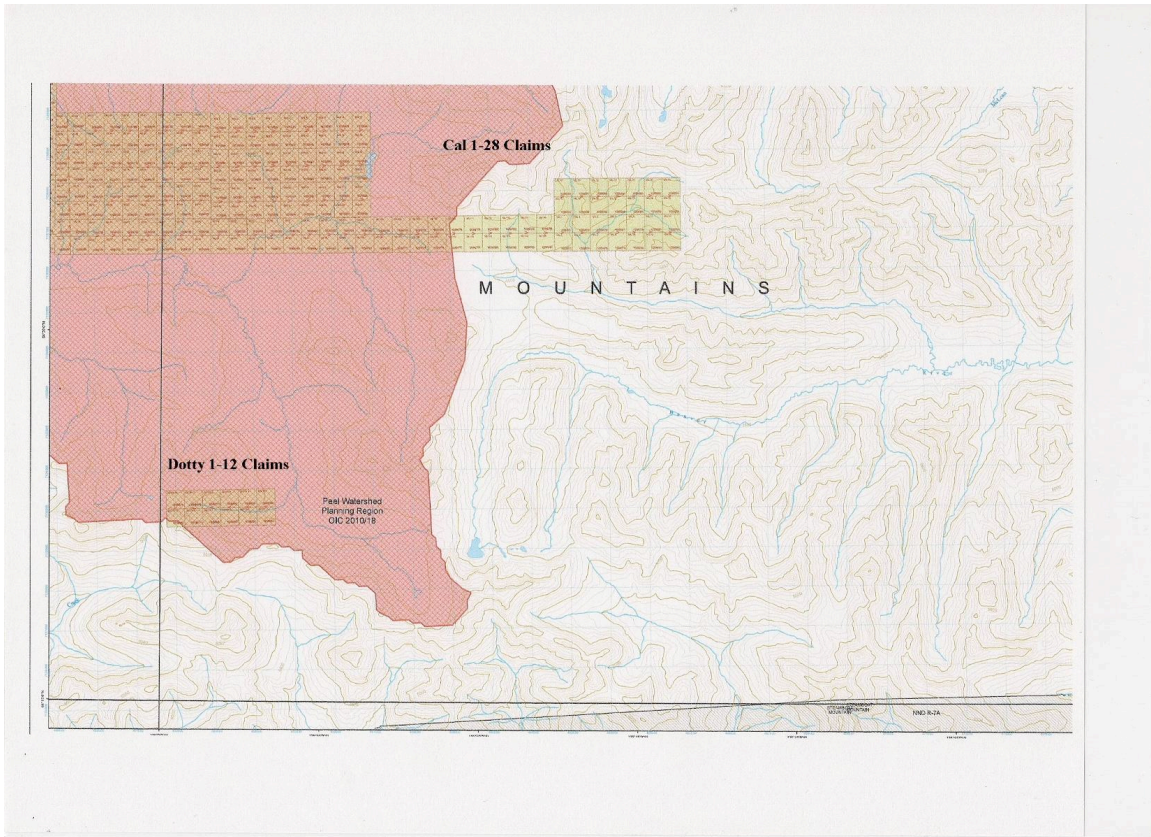


Figure 2. Portion of Claim Map 106D05 including Cal and Dotty claims.

## 6.0 REGIONAL GEOLOGY AND MINERAL DEPOSITS

The regional geological mapping in the target area was completed at a 1-inch-to-4-mile scale by the GSC in 1961 (L Green and J.A. Roddick, GSC Map 15-1962; Figure 4). More detailed recent mapping has not been completed and so the area is relatively poorly understood.

The Cal target area is underlain by Upper Proterozoic-Lower Cambrian sedimentary rocks of ancestral North America (PCH or Proterozoic Hyland Group on Figure 5, or Unit 3 on Figure 6 (Green and Rodick, 1962)). This unit lies south of and in the hangingwall of the regionally important Dawson Thrust. The Highland Group is described as consisting of coarse turbiditic clastics, limestone, maroon and green shale, layered micaceous quartzite, gritty phyllite, quartzite and metaconglomerate, with local mafic volcanic rocks and calc-silicate rock. It is important to note that Hyland Group is an important host to gold mineralization at Brewery Creek and elsewhere in the region.

To the south, the Dotty property is hosted by a slice of clastic rocks between the Tombstone and Robert Service Thrust Faults. The rocks here have been mapped as Mississippian Keno Hill Quartzite (MK on Figure 5 and Unit 17 on Figure 6). This unit is described as comprising mainly quartz arenite with minor black shale or carbonaceous

phyllite. The MapMaker Online website also shows small inliers of Triassic gabbro intruding the Keno Hill Quartzite on the Dotty Claims (Figure 4).

### Regional Mineral Deposits

The emerging Rau belt falls along the thrust-faulted margin of the Selwyn Basin and Mackenzie platform. Mainly underlain by Paleozoic carbonate and siliciclastic rocks, this area has been explored in the past for Keno-Hill type Ag-Pb-Zn veins and stratabound Pb-Zn-Ag replacement and Mississippi Valley type mineralization, although gold exploration has been minimal.

According to information released by ATAC, the Tiger Zone mineralization at Rau consists of stratabound lenses replacing dolomitized and decalcified limestone of the Upper Cambrian to Lower Devonian Bouvette Formation. Gold mineralization has been outlined over a 650 m long, 150 m wide area and averages about 40 m thick. Mineralization occurs beneath a volcanoclastic horizon, which may have acted as an impermeable cap. The Rau trend mineralization is closely associated with a northwest-trending zone of structural disruption coincident with the hinge zone of a regional anticlinal fold closure occurring between the regional scale Dawson and Robert Service Thrusts.

Both high-grade oxide (limonite) and low- to moderate-grade sulphide (pyrite-arsenopyrite-pyrrhotite) zones are hosted in fractured, brecciated and altered carbonate rocks of the Bouvette Formation (Unit CDB1). Highlighted drill intersections include 24.08 m grading 24.07 g/t Au and 24.47 m grading 19.59 g/t Au in oxide, and 70.8 m grading 5.11 g/t Au and 78.54 m grading 1.71 g/t Au (sulphide). The Tiger zone is reported to have been discovered by following up an anomalous government stream sediment sample (150 ppb Au, 6.8 ppm As, 44 ppb Pb, 19 ppb W). Mineralization has been described as “Nevada-Style” and similarities with sediment-hosted (Carlin-type) and Ketz River, Yukon deposits have been noted. A genetic association with a nearby Late Cretaceous(?) dyke swarm has also been inferred.

The Rau belt occurs north of the important Tombstone gold belt, which includes the Fairbanks, Fort Knox, and Pogo intrusion-related gold deposits in Alaska, and the Brewery Creek, Clear Creek, and Eagle Gold (Dublin Gulch) deposits in Yukon. The Eagle Gold deposit, owned by Victoria Gold Corp. is located 30 km south of the Dotty property and has an Indicated Resource of 2.7 million ounces of gold (98.6 million tonnes grading 0.85 g/t).

The prolific and high-grade Keno Hill silver-lead-zinc mining camp (Alexco Resources Corp.) is located approximately 50 km SE. Between 1913 and 1990 this district is reported to have produced more than 217 million ounces of silver at an average grade of 40.5 oz/ton, along with significant quantities lead and zinc. Other important deposits in the immediate area include the carbonate-hosted Blende deposit of Blind Creek Resources, located 52 km east of Cal, with an inferred resource of 19.6 mt grading 3.04% Zn, 2.8% Pb and 55.9 g/t Ag.

Approximately 17 km east of the Cal claims is the McKay Hill Au-Ag-Pb-Cu-Zn prospect of Monster Mining Corporation. A recent study by Lauren Blackburn (Yukon Exploration and Geology 2009, p. 85-101) describes high-level Au-Ag-Cu-Pb quartz-carbonate veins, which are interpreted as high-sulphidation epithermal in nature. The veins are hosted within siliciclastic and volcanic rocks of the Hyland group.

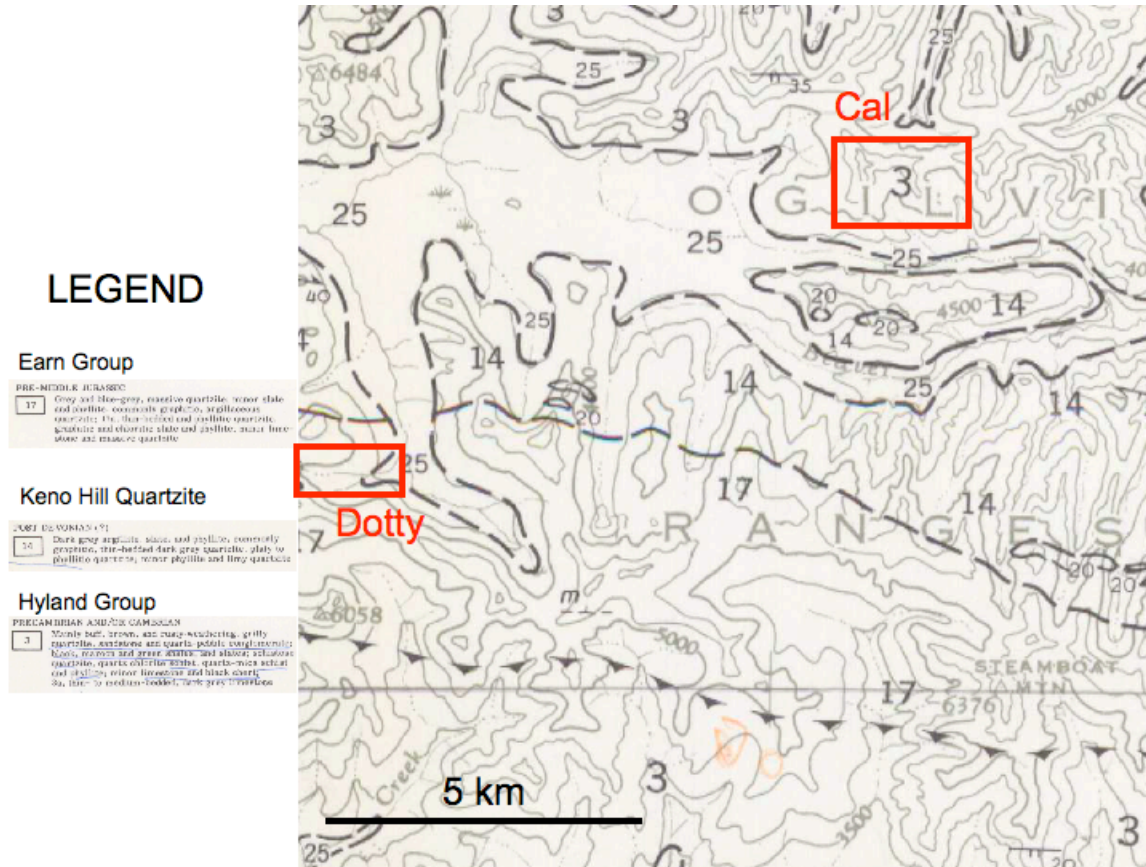


Figure 3. Regional Geology of the Cal and Dotty Properties (from Green and Roddick, GSC Map 15-1962).



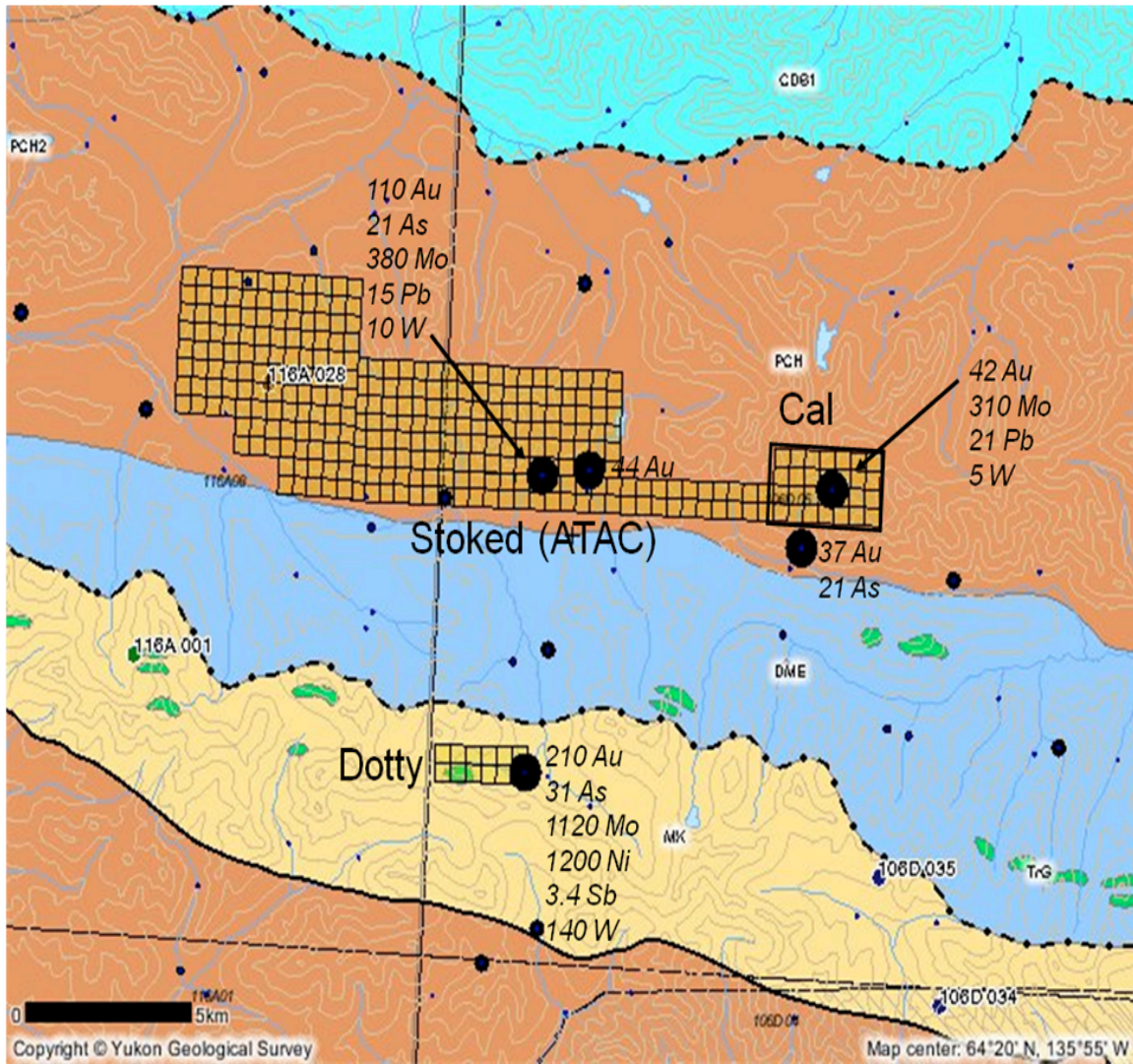


Figure 4. Regional Geology and Geochemistry of Cal and Dotty Area (from MapMaker website).

## 7.0 2010 WORK PROGRAM

The work program was completed between August 4 and 19, 2010 by a team of two geologists and a prospector (Mike Cathro, Adam Travis and Don Coolidge), in conjunction with work on other nearby properties. The crew was based at a camp near MacQuesten Lake Figure 2) and were flown to the site by Bell 206B or chartered from Fireweed Helicopters in Mayo. Safety and communication in the field was assured through two-way radios and a satellite phone.

Prospecting and sampling traverses were conducted primarily in creek drainages and on ridges and spurs. Float and outcrop were carefully prospected for sulphides, veining, structural disruption, alteration and other signs of mineralization.

A total of 91 stream sediment samples were collected on 250 to 500 m intervals on main creeks and on minor tributaries. A total of 40 rock samples were collected primarily of float, subcrop and talus. A total of 43 soil samples were collected by pick or trowel at a depth of 10 to 30 centimetres from the B- or C-horizon.

All samples were air-dried in the field camp and then delivered to the Whitehorse preparation facility of Stewart Group (Eco Tech Laboratory Ltd.) at the end of the program. The Whitehorse facility conducted drying, screening, and pulverizing prior to analysis at the Stewart Group lab in Kamloops, BC.

Stream sediments were sieved to minus 80 mesh and then pulverized. Rocks were crushed to minus 10 mesh and pulverized to 200 mesh. Both rock and stream sediment samples were then subjected to multi-element ICP-MS analysis following aqua regia digestion of a 0.5 gram split, and a 30-gram fire-assay for Au with an AA finish.

Soil samples were dried, sieved to minus 80 mesh and then subjected to multi-element ICP-MS analysis following aqua regia digestion of a 0.5 gram split. A 10-gram split of soil was also digested by aqua regia and analyzed by ICP-MS for Au.

Sample descriptions, geological observations and other field data were collected in field notebooks, field maps and on hand-held GPS units. Field data and sample descriptions were later transferred into excel tables and are presented in Appendix 1. Analytical certificates for all samples are included in Appendix 2.

## 8.0 RESULTS AND INTERPRETATION

Locations of all silt, rock and soil samples are included as Map 1 (Cal area) and Map 2 (Dotty area). Results for gold in all media (rocks, silt, soil) are shown in Maps 3 (Cal area) and Map 4 (Dotty area). Although some promising quartz vein, sulphide and gossans were encountered, results were very disappointing for gold and all of the key pathfinder elements.

In silts the maximum values are as follows: 15 ppb Au, 25.3 ppm As, 349.4 ppm Cu, 12.92 ppm Mo, 78.05 ppm Pb, 3.16 ppm Sb, and 1025 ppm Zn. The high values for Au, Ni, Mo, and W as reported by the government RGS survey could not be duplicated.

In rocks, the maximum values are 25 ppb Au, 33.8 ppm As, 101.9 ppm Cu, 0.5 ppm Ag, 138.81 ppm Pb, 2.8 ppm Sb, and 829.8 ppm Zn.

In soils, the maximum values are 10 ppb Au, 1.3 ppm Ag, 61.9 ppm Cu, 1.52 ppm Sb and 571 ppm Zn.

## 9.0 SUMMARY AND RECOMMENDATIONS

The program was not successful in confirming highly anomalous government RGS stream sediment anomalies for Au (to 210 ppb), Mo (to 1120 ppm), Ni (to 1230 ppm), Sb (to 3.4 ppm) and W (to 140 ppb). No significant results for Au or pathfinder elements were returned from 173 silt, soil and rock samples and no additional work is recommended at this time.

## 10.0 QUALIFICATIONS

I, Michael S. Cathro, of 2560 Telford Place, Kamloops, British Columbia, hereby certify that:

- I have been a registered professional geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC) since 1992 (Reg.# 19093).
- I am a graduate of Queens University, Kingston, Ontario with a B.Sc (Honours) in Geological Sciences (1984), and a graduate of the Colorado School of Mines, Golden, Colorado with a M.Sc. in Geology (1992). My Master's thesis topic was the Geology and Mineral Deposits of the Ketzka River District, Yukon Territory.
- I am presently employed as a consulting geologist, President of Cathro Resources Corp., Kamloops, BC, and Vice-President of Virginia Energy Resources Inc.
- I have been working as a professional geologist in mineral exploration, exploration management, geological research, and administration of mine and exploration permitting and compliance on a semi-continuous basis since 1984.
- My career has given me experience in precious and base metal, industrial minerals, uranium, coal, tantalum-niobium, and rare earth element exploration primarily in British Columbia, Yukon, Western USA, Australia and the southwest Pacific. In addition, during the summers between 1980 and 1983, I worked as a field assistant on metals exploration projects in Yukon and northern British Columbia.
- I have published numerous research papers and made presentations on the geology of porphyry copper-gold-molybdenum, epithermal gold, and intrusion related gold deposits, and exploration topics, primarily in British Columbia.



Michael S. Cathro, M.Sc., P.Geo.  
March 25, 2011

Appendix 1  
Sample Descriptions

SampleID	Sample_Ty	Sample_Ty	NAT_Grid_ID	NAT_North	NAT_East	Sample_Description	Year_Samp	Date_Sampled	Comments
CLA001	Silt		NAD83_08	7139564	460058	Texture: silty	2010	8/10/10 0:00	green and red schists; stream width: 0.5 m, stream flow rate: moderate
CLA002	Silt		NAD83_08	7139458	459936	Texture: clayey	2010	8/10/10 0:00	Stream width: 0.4 m, stream flow rate: slow
CLA003	Silt		NAD83_08	7138882	461932	Texture: sandy	2010	8/13/10 16:47	sample was taken out of sequence; stream width: 2 m, stream flow rate: moderate
CLA004	Silt		NAD83_08	7136646	469572	Texture: sandy	2010	8/10/10 0:00	tight narrow valley; stream width: 3 m, stream flow rate: fast
CLA005	Silt		NAD83_08	7136271	466155	Texture: sandy	2010	8/10/10 0:00	green and red schists; stream width: 4 m, stream flow rate: fast
CLA006	Silt		NAD83_08	7136260	466145	Texture: sandy	2010	8/10/10 0:00	green and red schists, dry but wash in CLA 005 creek; stream width: 3 m, stream flow rate: fast
CLA007	Silt		NAD83_08	7138687	461994	Texture: sandy	2010	8/13/10 16:47	ladder qtz veins in qtzite; stream width: 2 m, stream flow rate: moderate
CLA008	Silt		NAD83_08	7138660	462031	Texture: sandy	2010	8/13/10 16:47	shale unit strikes up trib creek, rusty in spots; stream width: 1 m, stream flow rate: slow
CLA009	Silt		NAD83_08	7138428	461958	Texture: sandy	2010	8/13/10 16:47	main creek; stream width: 2.5 m, stream flow rate: moderate
CLA010	Silt		NAD83_08	7138185	462048	Texture: sandy	2010	8/13/10 16:47	trib. From the west; stream width: 1.5 m, stream flow rate: moderate
CLA011	Silt		NAD83_08	7138207	462087	Texture: sandy	2010	8/13/10 16:47	main creek, 50 m up from junction with CLA-010 creek; stream width: 3 m, stream flow rate: moderate
CLA012	Silt		NAD83_08	7137912	462183	Texture: sandy	2010	8/13/10 16:47	nice open meadow here; stream width: 3 m, stream flow rate: moderate
CLA013	Silt		NAD83_08	7137606	462166	Texture: sandy	2010	8/13/10 16:47	just before creek enters into canyon; stream width: 3 m, stream flow rate: moderate
CLA014	Silt		NAD83_08	7137310	462097	Texture: sandy	2010	8/13/10 16:47	lmst bluffs ahead, small widespot in canyon; stream width: 4 m, stream flow rate: moderate
CLA015	Silt		NAD83_08	7137015	462104	Texture: sandy	2010	8/13/10 16:47	main creek; stream width: 3 m, stream flow rate: moderate
CLA016	Silt		NAD83_08	7136807	462310	Texture: sandy	2010	8/13/10 16:47	thick willows along creek now; stream width: 4 m, stream flow rate: moderate
CLA017	Silt		NAD83_08	7136655	462405	Texture: sandy	2010	8/13/10 16:47	50 m up from junction with large creek; stream width: 2 m, stream flow rate: moderate
CLA018	Silt		NAD83_08	7136644	462468	Texture: sandy	2010	8/13/10 16:47	100 m up creek flowing from the east; stream width: 3 m, stream flow rate: moderate
CLA019	Silt		NAD83_08	7136430	462439	Texture: sandy	2010	8/13/10 16:47	shaley volcanic pieces, small trib, hard to get silt; stream width: 0.5 m, stream flow rate: moderate
CLA020	Silt		NAD83_08	7136264	462540	Texture: sandy	2010	8/13/10 16:47	shaley volc.pieces marron-green, main creek; stream width: 4 m, stream flow rate: moderate
CLA021	Silt		NAD83_08	7136039	462658	Texture: sandy	2010	8/13/10 16:47	main creek, good heli pick up spot here; stream width: 4 m, stream flow rate: moderate
CLA022	Silt		NAD83_08	7140171	461302	Texture: clayey	2010	8/14/10 0:00	clayey so much so just put in bag, cirque bowl above; stream width: 2 m, stream flow rate: moderate
CLA023	Silt		NAD83_08	7138206	466821	Texture: sandy	2010	8/14/10 0:00	marron-green shaley; stream width: 2 m, stream flow rate: moderate
CLA024	Silt		NAD83_08	7138254	466916	Texture: sandy	2010	8/14/10 0:00	marron-green shaley, lmst on cliffs with gossans above ?; stream width: 2 m, stream flow rate: moderate
CLD001	Silt		NAD83_08	7139247	458478	Texture: platy	2010	8/10/10 0:00	Stream width: 3 m, stream flow rate: fast
CLD002	Silt		NAD83_08	7139623	458353	Texture: fg	2010	8/10/10 0:00	fine grained silt. Thick buck brush; stream width: 1 m, stream flow rate: moderate
CLD003	Silt		NAD83_08	7135094	467999	Texture: platy	2010	8/10/10 0:00	High organic content. Scant fines here; stream width: 2 m, stream flow rate: moderate
CLD004	Silt		NAD83_08	7134955	467216	Texture: platy	2010	8/10/10 0:00	Abundant platy fines; stream width: 1.5 m, stream flow rate: slow
CLD005	Silt		NAD83_08	7138235	464785	Texture: platy	2010	8/13/10 9:54	Grass on both banks; alpine area; stream width: 1 m, stream flow rate: slow
CLD006	Silt		NAD83_08	7138384	464493	Texture: platy	2010	8/13/10 10:24	Stream width: 2 m, stream flow rate: slow
CLD007	Silt		NAD83_08	7138301	463807	Texture: platy	2010	8/13/10 11:40	platy grn, maroon fines. Trib draining SE; stream width: 1 m, stream flow rate: slow
CLD008	Silt		NAD83_08	7138256	463866	Texture: platy	2010	8/13/10 11:50	platy fines derived from shales; stream width: 2 m, stream flow rate: slow
CLD009	Silt		NAD83_08	7138007	463807	Texture: platy	2010	8/13/10 12:32	Moderate volume 15-35cm deep; stream width: 2 m, stream flow rate: moderate
CLD010	Silt		NAD83_08	7137741	463766	Texture: platy	2010	8/13/10 12:49	Drains from small cirque from NE, flows west; stream width: 0.5 m, stream flow rate: dry
CLD011	Silt		NAD83_08	7137554	463638	Texture: coarse	2010	8/13/10 13:25	Main creek above major junction; stream width: 3 m, stream flow rate: moderate
CLD012	Silt		NAD83_08	7137503	463502	Texture: fine	2010	8/13/10 14:28	Drains from small south flowing draw. Gy silt; stream width: 1 m, stream flow rate: dry
CLD013	Silt		NAD83_08	7136962	462749	Texture: coarse	2010	8/13/10 15:31	Very sparse fines , flat gradient.; stream width: 3 m, stream flow rate: moderate
CLD014	Silt		NAD83_08	7136061	462740	Texture: platy	2010	8/13/10 16:47	Moss Matt, very sparse fines. ; stream width: 1 m, stream flow rate: slow
CLD015	Silt		NAD83_08	7140629	461291	Texture: coarse	2010	8/14/10 0:00	From side of bank; large tabular boulder s; stream width: 1 m, stream flow rate: moderate
CLD016	Silt		NAD83_08	7140137	464472	Texture: coarse	2010	8/14/10 0:00	From natural silt- unsieved; stream width: 2 m, stream flow rate: slow
CLD017	Silt		NAD83_08	7138269	466591	Texture: platy	2010	8/14/10 0:00	Small creek with platy fines; stream width: 1 m
CLM001	Silt		NAD83_08	7139349	460007	Texture: silt, sand, pebbles	2010	8/10/10 0:00	Stream width: 2 m, stream flow rate: moderate
CLM002	Silt		NAD83_08	7139402	459936	Texture: clay-silt	2010	8/10/10 0:00	in swamp; stream width: 0.3 m, stream flow rate: slow
CLM003	Silt		NAD83_08	7136844	467610	Texture: rocky, moss	2010	8/10/10 0:00	very rocky - moss matt and shale chips; stream width: 3 m, stream flow rate: moderate
CLM004	Silt		NAD83_08	7136822	467554	Texture: silt, sand	2010	8/10/10 0:00	Stream width: 2 m, stream flow rate: moderate
CLM005	Silt		NAD83_08	7136822	467533	Texture: silt, sand	2010	8/11/10 0:00	small Cr to W; stream width: 0.3 m, stream flow rate: moderate
CLM006	Silt		NAD83_08	7136825	464823	Texture: pebbles, moss	2010	8/13/10 16:47	half moss; stream width: 1 m, stream flow rate: moderate
CLM007	Silt		NAD83_08	7136865	464849	Texture: sand, silt, moss	2010	8/13/10 16:47	Stream width: 2 m, stream flow rate: moderate
CLM008	Silt		NAD83_08	7137067	464564	Texture: silt, sand, pebbles	2010	8/13/10 16:47	1-2% qtz as bldrs to 30 cm; stream width: 2 m, stream flow rate: moderate
CLM009	Silt		NAD83_08	7137480	464189	Texture: silt, sand	2010	8/13/10 16:47	Stream width: 1 m, stream flow rate: slow to moderate
CLM010	Silt		NAD83_08	7137397	464119	Texture: silt, sand, pebbles	2010	8/13/10 16:47	mainly ls o/c on main stem of Cr; stream width: 2 m, stream flow rate: moderate
CLM011	Silt		NAD83_08	7137516	463711	Texture: rocky	2010	8/13/10 16:47	1-3% qtz; stream width: 2 m, stream flow rate: moderate
CLM012	Silt		NAD83_08	7137283	463530	Texture: silt-sand	2010	8/13/10 16:47	silt-sand in dry plunge pool below waterfall, ls bedding is 250/70S; stream width: 2 m, stream flow rate: dry
CLM013	Silt		NAD83_08	7137356	463380	Texture: pebbles (screened)	2010	8/13/10 16:47	ls outcrop to S, Same loc as 42 ppb Au in RGS; stream width: 2 m, stream flow rate: moderate
CLM014	Silt		NAD83_08	7137099	463198	Texture: rocky	2010	8/13/10 16:47	Stream width: 1 m, stream flow rate: dry
CLM015	Silt		NAD83_08	7135830	462687	Texture: moss, silt, sand	2010	8/13/10 16:47	0.3 m deep, near loc of 37 ppb Au; stream width: 3 m, stream flow rate: moderate
CLM016	Silt		NAD83_08	7140804	460555	Texture: silt, mud, sand	2010	8/14/10 0:00	side creek; stream width: 2 m, stream flow rate: moderate
CLM017	Silt		NAD83_08	7140802	460693	Texture: silt, mud	2010	8/14/10 0:00	edge of small pond; stream width: 2 m, stream flow rate: moderate
CLM018	Silt		NAD83_08	7140227	462955	Texture: mud, pebbles	2010	8/14/10 0:00	above lake; stream width: 2 m, stream flow rate: slow
CLM019	Silt		NAD83_08	7138962	466872	Texture: rocky	2010	8/14/10 0:00	Stream width: 2 m, stream flow rate: moderate
CLM020	Silt		NAD83_08	7139048	466734	Texture: sand, silt	2010	8/14/10 0:00	Stream width: 1 m, stream flow rate: dry
CRA001	Rock	outcrop	NAD83_08	7139477	462456	15 m	2010	8/13/10 0:00	qtz veined sst outcrop over 15 m on ridge, sugary texture
CRA002	Rock	subcrop	NAD83_08	7139483	462358	25 m	2010	8/13/10 0:00	qtz veined lmst with ankeritic alt'n, silty texture
CRA003	Rock		NAD83_08	7137436	462143	0.1 m	2010	8/13/10 0:00	silicified know in graphitic schist, in canyon, fine texture
CRD001	Rock	float	NAD83_08	7138247	464977	foot ball sized float	2010	8/13/10 0:00	From green shale talus on SW facing slope, brittle texture
CRD002	Rock	float	NAD83_08	7138261	464950	15x10x8cm float	2010	8/13/10 0:00	Bk chlorite on fractures. SW facing slope in grn shales, massive texture
CRD003	Rock	float	NAD83_08	7138202	466816	10x5x8cm float	2010	8/14/10 0:00	At silt sample site CLA 023., brittle texture
CRM001	Rock	float	NAD83_08	7136844	467611		2010	8/10/10 0:00	weak fizz, fx texture

CRM002	Rock	outcrop an	NAD83_08	7136369	464839	.01-0.2 m	2010	8/13/10 0:00	in saddle; selected qtz vn specimens over 20 x 5 m area, 1-20 cm wide vns, 2-5% of rock; host is dark grey siltstone, cx texture
CRM003	Rock	float	NAD83_08	7137064	464563		2010	8/13/10 0:00	30 x 20 cm boulder of Qtz contains 10% greenish rock fragments and chlorite, cx texture
CRM004	Rock	outcrop	NAD83_08	7137223	464381	chip, random/6 m true	2010	8/13/10 0:00	Well-bedded chert/siliceous shale/siltstone, appears locally silicified, overlies grey limestone o/c upstream to south. Bedding 360/50E, fx texture
CRM005	Rock	outcrop	NAD83_08	7136783	462524	chip, random/1 m	2010	8/13/10 0:00	fx texture
CSA001	Soil		NAD83_08	7136792	462358	sandy	2010	8/13/10 0:00	10 m wide carbonate/iron stained shaley unit above creek bank
CSD001	Soil		NAD83_08	7138461	463614	sandy	2010	8/13/10 0:00	SE facing 35 deg slope. Talus fines of tan weath shales
DLA001	Silt		NAD83_08	7127876	454098	sandy	2010	8/10/10 0:00	head of valley; Stream width: 1 m, stream flow rate: slow
DLA002	Silt		NAD83_08	7125529	454661	sandy	2010	8/10/10 0:00	helipad below; Stream width: 2 m, stream flow rate: moderate
DLA003	Silt		NAD83_08	7124534	457187	sandy	2010	8/10/10 0:00	gossan on adjacent creek; Stream width: 2 m, stream flow rate: moderate
DLA004	Silt		NAD83_08	7130504	454986	sandy	2010	8/10/10 0:00	Dotty 240 Au creek, 75 m upstream of junction; Stream width: 4 m, stream flow rate: moderate
DLA005	Silt		NAD83_08	7130530	455046	sandy	2010	8/10/10 0:00	Mo 77 creek, 20 m up from junction; Stream width: 3 m, stream flow rate: moderate
DLA006	Silt		NAD83_08	7130340	451489	silty	2010	8/10/10 0:00	west of Dotty pass, rusty pond below; Stream width: 1 m, stream flow rate: moderate
DLA007	Silt		NAD83_08	7130160	452604	sandy	2010	8/14/10 0:00	were soil line crosses creek, 20 m east qtzites in gully; Stream width: 2 m, stream flow rate: moderate
DLA008	Silt		NAD83_08	7130166	452794	silty	2010	8/14/10 0:00	200 m downstream of DLA-007; Stream width: 3 m, stream flow rate: moderate
DLA009	Silt		NAD83_08	7130029	453056	silty	2010	8/14/10 0:00	same creek as 007, 008 and below veined rock samples; Stream width: 4 m, stream flow rate: moderate
DLD001	Silt		NAD83_08	7126839	454919	coarse	2010	8/10/10 0:00	Stream width: 4 m, stream flow rate: fast
DLD002	Silt		NAD83_08	7126772	455017	platy	2010	8/10/10 0:00	Stream width: 2 m, stream flow rate: slow
DLD003	Silt		NAD83_08	7126579	455070	coarse	2010	8/10/10 0:00	Boulders and cobbles wwith very scant fines.; Stream width: 2 m, stream flow rate: moderate
DLD004	Silt		NAD83_08	7124607	457136	coarse	2010	8/10/10 0:00	Platy gravel with miniscule fines; Stream width: 5 m, stream flow rate: fast
DLD005	Silt		NAD83_08	7129110	456885	coarse	2010	8/10/10 0:00	Buck brush flats, creek flows west; Stream width: 2 m, stream flow rate: moderate
DLD006	Silt		NAD83_08	7129271	456932	coarse	2010	8/10/10 0:00	Flat area with buck brush.; Stream width: 1 m, stream flow rate: moderate
DLD007	Silt		NAD83_08	7130341	456503	coarse	2010	8/10/10 0:00	Taken from break in slope; Stream width: 0.5 m, stream flow rate: moderate
DLD008	Silt		NAD83_08	7130382	451210	platy	2010	8/10/10 0:00	West of small lake below saddle; Stream width: 2 m, stream flow rate: slow
DLD009	Silt		NAD83_08	7130075	454543	platy	2010	8/14/10 0:00	Flows E 100 deg, thick willows; Stream width: 3 m, stream flow rate: moderate
DLD010	Silt		NAD83_08	7129928	454242	coarse	2010	8/14/10 0:00	5-15 deg gradient, flows NE 050 deg.; Stream width: 2 m, stream flow rate: slow
DLD011	Silt		NAD83_08	7129956	454175	fine	2010	8/14/10 0:00	qtz float in shale. ; Stream width: 2 m, stream flow rate: slow
DLD012	Silt		NAD83_08	7129984	454157	coarse	2010	8/14/10 0:00	Taken above trib.; Stream width: 2 m, stream flow rate: moderate
DLD013	Silt		NAD83_08	7129982	453922	coarse	2010	8/14/10 0:00	5 deg gradient; Stream width: 3 m, stream flow rate: moderate
DLM001	Silt		NAD83_08	7125468	454801	sand, silt	2010	8/10/10 0:00	5% qtz; Stream width: 1 m, stream flow rate: moderate
DLM002	Silt		NAD83_08	7125474	455044	most, silt, rocks	2010	8/10/10 0:00	5% qtz; Stream width: 3 m, stream flow rate: fast
DLM003	Silt		NAD83_08	7125299	454931	mud, silt	2010	8/10/10 0:00	FeOx and white carb ?; Stream width: 0.2 m, stream flow rate: slow
DLM004	Silt		NAD83_08	7124954	457206	silt, moss, pebbles	2010	8/10/10 0:00	Stream width: 1 m, stream flow rate: moderate
DLM005	Silt		NAD83_08	7129576	455761	sand, silt	2010	8/10/10 0:00	rusty stain in side creek/swamp; Stream width: 3 m, stream flow rate: moderate
DLM006	Silt		NAD83_08	7130025	453384	silt, sand, pebbles	2010	8/14/10 0:00	qv bldrs to 1 m; Stream width: 3 m, stream flow rate: moderate
DLM007	Silt		NAD83_08	7130008	453676	rocky	2010	8/14/10 0:00	qtz frags to 1 m; Stream width: 3 m, stream flow rate: moderate
DRA001	Rock	float	NAD83_08	7124652	457192	0.1 m	2010	8/10/10 0:00	qtz vein with graphite below rusty shales; fine texture
DRA002	Rock	outcrop	NAD83_08	7124720	457185	5 m	2010	8/10/10 0:00	weak gossan grab across 5 m; layered texture
DRA003	Rock	subcrop	NAD83_08	7130569	457055	25 m	2010	8/10/10 0:00	qtz veined qtzite near graphitic shale, qtz pieces over 25 m; sugary texture
DRA004	Rock	subcrop	NAD83_08	7130461	457048	10 m	2010	8/10/10 0:00	ferricrete after qtz veined qtzite and shale; botryoidal texture
DRA005	Rock	subcrop	NAD83_08	7130300	451965	20 m	2010	8/10/10 0:00	qtz vein float in felsemeer near saddle over 25 m; sugary texture
DRA006	Rock	subcrop	NAD83_08	7130308	451948	20 m	2010	8/10/10 0:00	qtz vein float in felsemeer near saddle over 25 m; sugary texture
DRA007	Rock	subcrop	NAD83_08	7130305	451875	0.2 m	2010	8/10/10 0:00	qtz vein float piece coming out of qtzite; sugary texture
DRA008	Rock	outcrop	NAD83_08	7129890	452844	0.3 m	2010	8/14/10 0:00	vein blowouts up to 5 m wide, gossanous portion; sugary texture
DRA009	Rock	outcrop	NAD83_08	7129899	452871	10 m	2010	8/14/10 0:00	large (5x7m) blocks of qtz veined and silicified arg; sugary texture
DRD001	Rock	float	NAD83_08	7130149	456497	0.35x0.3x0.15	2010	8/10/10 0:00	On west facing rill, brittle qtz with vugs; brittle texture
DRD002	Rock	outcrop	NAD83_08	7130210	456490		2010	8/10/10 0:00	35x20m zone of fine to extremely coarse ferricrete brx; brx texture
DRD003	Rock	float	NAD83_08	7130378	451215		2010	8/10/10 0:00	White qtz with vugs and 0.5cm dog tooth xtlls. Aun; brittle texture
DRD004	Rock	subcrop	NAD83_08	7130379	451487		2010	8/10/10 0:00	Drk or-rd weath, purple on frac. 35x25m zone on N side of pass; porous texture
DRD005	Rock	float	NAD83_08	7130400	451485		2010	8/10/10 0:00	Series of blocky boulders in talus immediately above ferricrete; stockwork texture
DRM001	Rock	float	NAD83_08	7125469	454798	0.2 m	2010	8/10/10 0:00	float in creek; cx texture
DRM002	Rock	float	NAD83_08	7125515	454811	2 m	2010	8/10/10 0:00	blocks to 2 m; porous texture
DRM003	Rock	float	NAD83_08	7125511	454886		2010	8/10/10 0:00	cx texture
DRM004	Rock	float	NAD83_08	7125316	454925		2010	8/10/10 0:00	hosted by black shale trending 110/90
DRM005	Rock	float	NAD83_08	7124889	457204		2010	8/10/10 0:00	minor white qtz frags in xcree; fx texture
DRM006	Rock	float	NAD83_08	7124931	457221	0.03 m	2010	8/10/10 0:00	pyritic chert frags to 3 cm hosted by buff-or weath greenish phyllite; fx texture
DRM007	Rock	float	NAD83_08	7129605	455761	0.1 m	2010	8/10/10 0:00	beside cr
DRM008	Rock	subcrop	NAD83_08	7130345	456753		2010	8/10/10 0:00	yellow-or stained dark grey qtzite with 1-10 cm qvs, tr po/py in qtzite; fx texture
DRM009	Rock	outcrop	NAD83_08	7130338	456711	1x1	2010	8/10/10 0:00	appears to strike 100 and dip mod to N
DRM010	Rock	float	NAD83_08	7130312	456716		2010	8/10/10 0:00	Talus fines below outcrop. Approx 5% qtz vn material, rusty
DRM011	Rock	float	NAD83_08	7130203	451884	0.1 m	2010	8/10/10 0:00	buff dolomitic patches in sh, qtz is 2-4% of scree; fx texture
DRM012	Rock	float	NAD83_08	7130192	451821	0.1 m	2010	8/10/10 0:00	grab of qtz vn material with FeOx in vugs; fx texture
DRM013	Rock	float	NAD83_08	7130286	451889		2010	8/10/10 0:00	orange FeOx , multistage qtz veining
DRM014	Rock	float	NAD83_08	7130029	453386	.3x.3	2010	8/14/10 0:00	dissem py cubes to 2 mm in black sh, patches of black sh with 25-50% fx py, trace mal?
DRM015	Rock	float	NAD83_08	7130103	453415	10x3x2	2010	8/14/10 0:00	huge boulder of qtz veined and silicified qtzite. ; fx texture
DSA001	Soil		NAD83_08	7130327	452000	sandy	2010	8/10/10 0:00	north side farthest away from creek, qtzites in subcrop
DSA002	Soil		NAD83_08	7130308	452000	sandy	2010	8/10/10 0:00	approx. 20 m south from previous sample
DSA003	Soil		NAD83_08	7130287	451999	sandy	2010	8/10/10 0:00	approx. 20 m south from previous sample
DSA004	Soil		NAD83_08	7130273	451997	sandy	2010	8/10/10 0:00	approx. 20 m south from previous sample
DSA005	Soil		NAD83_08	7130253	451993	silty	2010	8/10/10 0:00	close to gully, now getting graphitic shales

DSA006	Soil	NAD83_08	7130015	452555	silty	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, graphitic shales south of creek
DSA007	Soil	NAD83_08	7130035	452560	silty	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, graphitic shales south of creek
DSA008	Soil	NAD83_08	7130053	452569	silty	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, graphitic shales south of creek
DSA009	Soil	NAD83_08	7130075	452574	silty	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, graphitic shales south of creek
DSA010	Soil	NAD83_08	7130100	452577	silty	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, graphitic shales south of creek
DSA011	Soil	NAD83_08	7130126	452589	silty	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, graphitic shales south of creek
DSA012	Soil	NAD83_08	7130150	452601	silty	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, graphitic shales south of creek
DSA013	Soil	NAD83_08	7130181	452607	sandy	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, qtzites north of creek
DSA014	Soil	NAD83_08	7130206	452609	sandy	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, qtzites north of creek
DSA015	Soil	NAD83_08	7130229	452612	sandy	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, qtzites north of creek
DSA016	Soil	NAD83_08	7130250	452614	sandy	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, qtzites north of creek
DSA017	Soil	NAD83_08	7130276	452623	sandy	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, qtzites north of creek
DSA018	Soil	NAD83_08	7130296	452628	sandy	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, qtzites north of creek
DSA019	Soil	NAD83_08	7130327	452629	sandy	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, qtzites north of creek
DSA020	Soil	NAD83_08	7130361	452638	sandy	2010	8/14/10 0:00	N-S soil line about 500 m east of saddle, qtzites north of creek
DSD001	Soil	NAD83_08	7130154	456501	coarse	2010	8/10/10 0:00	Talus fine near Qtz brx float
DSD002	Soil	NAD83_08	7130208	456485	platy	2010	8/10/10 0:00	From base of ferricrete brx zone
DSD003	Soil	NAD83_08	7130392	451492	coarse	2010	8/10/10 0:00	Talus fines from gossan zone
DSM001	Soil	NAD83_08	7130153	451995	sand	2010	8/10/10 0:00	dark gy sh
DSM002	Soil	NAD83_08	7130172	451997	sand, pebbles	2010	8/10/10 0:00	dark gy sh
DSM003	Soil	NAD83_08	7130194	451995	sand, pebbles	2010	8/10/10 0:00	dark gy sh
DSM004	Soil	NAD83_08	7130226	451994	sand, pebbles	2010	8/10/10 0:00	dark gy sh
DSM005	Soil	NAD83_08	7130241	451993	sand, pebbles	2010	8/10/10 0:00	dark gy sh, in saddle
DSM006	Soil	NAD83_08	7130338	451344	mud	2010	8/10/10 0:00	pingo shaped knob in dry pond - black goop, smelly
DSM007	Soil	NAD83_08	7129735	453380	silt-clay	2010	8/14/10 0:00	sh?
DSM008	Soil	NAD83_08	7129786	453380	sand-silt	2010	8/14/10 0:00	sh?
DSM009	Soil	NAD83_08	7129835	453380	silt	2010	8/14/10 0:00	sh?
DSM010	Soil	NAD83_08	7129886	453380	sand-chips	2010	8/14/10 0:00	qtzite
DSM011	Soil	NAD83_08	7129936	453382	sand, silt, chips	2010	8/14/10 0:00	qtzite, sh
DSM012	Soil	NAD83_08	7129984	453381	sand, silt, chips	2010	8/14/10 0:00	qtzite, sh
DSM013	Soil	NAD83_08	7130006	453379	sand, silt, chips	2010	8/14/10 0:00	qtzite, sh
DSM014	Soil	NAD83_08	7130034	453383	sand, silt, chips	2010	8/14/10 0:00	qtzite, sh, 5 m north of creek
DSM015	Soil	NAD83_08	7130057	453381	sand, silt bldrs	2010	8/14/10 0:00	qtzite, sh
DSM016	Soil	NAD83_08	7130088	453380	sand, silt, chips	2010	8/14/10 0:00	qtzite
DSM017	Soil	NAD83_08	7130110	453382	sand, silt	2010	8/14/10 0:00	qtzite
DSM018	Soil	NAD83_08	7130133	453381	sand, silt, rocky	2010	8/14/10 0:00	qtzite



Appendix 2  
Laboratory Certificates

Eco Tech Laboratory Ltd.  
 2953 Shuswap Road  
 Kamloops, BC  
 V2H 1S9 Canada  
 Tel + 1 250 573 5700  
 Fax + 1 250 573 4557  
 Toll Free + 1 877 573 5755  
 www.stewartgroupglobal.com



**CERTIFICATE OF ANALYSIS AW 2010- 8088**

**Cathro Resources Corp**  
 528 Braemar Dr  
**Kamloops, BC**  
 V1S 1H8

1-Sep-10

*No. of samples received: 19*  
*Sample Type: Silt*  
**Project: Dotty**  
**Shipment #: 1**  
*Submitted by: Mike Cathro*

ET #.	Tag #	Au (ppb)
1	DLA001	<5
2	DLA002	5
3	DLA003	5
4	DLA004	<5
5	DLA005	5
6	DLA006	5
7	DLD001	<5
8	DLD002	5
9	DLD003	<5
10	DLD004	<5
11	DLD005	5
12	DLD006	<5
13	DLD007	5
14	DLD008	5
15	DLM001	5
16	DLM002	<5
17	DLM003	<5
18	DLM004	<5
19	DLM005	5

**QC DATA:**

**Repeat:**

1	DLA001	<5
10	DLD004	5
19	DLM005	5

**Standard:**

OXE74 600

NM/nw  
 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

Phone: 250-573-5700  
 Fax : 250-573-4557

No. of samples received: 19  
 Sample Type: Silt  
**Project: Dotty**  
**Shipment #: 1**  
 Submitted by: Mike Cathro

*Values in ppm unless otherwise reported*

Et #.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Ti	U	V	W	Zn	
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1	DLA001	0.6	0.89	10.4	888.0	0.16	0.87	3.95	7.8	18.5	30.9	2.38	2.5	140	0.06	15.5	0.41	315	11.37	0.033	42.9	2568	8.87	0.04	2.04	1.4	2.5	45.0	0.08	0.9	0.005	0.36	2.5	32	<0.1	193.1	
2	DLA002	0.4	1.30	9.1	5429.0	0.16	0.66	3.23	29.1	8.0	60.1	2.38	2.0	120	0.04	12.0	0.19	928	5.73	0.036	65.0	1182	8.60	0.04	1.24	1.5	2.8	105.0	0.08	2.0	0.001	0.12	1.7	10	<0.1	209.8	
3	DLA003	0.3	0.72	8.3	5018.0	0.16	0.46	0.66	8.7	7.5	42.4	2.40	2.0	130	0.04	12.5	0.17	498	5.77	0.032	34.5	943	9.65	0.04	1.12	1.3	1.5	44.0	0.10	1.9	0.003	0.10	1.5	12	<0.1	105.1	
4	DLA004	0.4	1.54	13.2	250.5	0.20	0.24	0.72	25.7	24.0	37.3	3.58	4.0	105	0.03	5.5	0.45	726	1.25	0.031	102.4	715	12.79	0.04	0.58	2.4	1.3	17.5	0.14	2.6	0.002	0.04	1.1	34	<0.1	213.0	
5	DLA005	0.5	1.44	13.8	415.0	0.20	0.41	5.17	117.8	17.0	33.7	4.04	3.0	155	0.04	7.5	0.29	8145	1.86	0.033	508.2	772	12.57	0.04	0.54	2.1	2.0	28.5	0.08	1.7	0.003	0.08	3.1	24	<0.1	1025.0	
6	DLA006	0.6	1.23	15.1	197.0	0.28	0.12	0.30	6.1	21.5	30.6	3.04	3.9	130	0.04	5.0	0.23	357	1.48	0.032	40.0	821	19.66	0.04	0.54	1.9	2.2	18.0	0.10	1.5	0.001	0.06	0.7	28	<0.1	100.7	
7	DLD001	0.3	0.73	9.1	582.5	0.14	0.61	1.85	10.5	14.0	31.5	2.43	2.1	80	0.04	11.5	0.34	837	5.67	0.035	49.8	1672	7.64	0.04	1.06	1.4	1.8	33.5	0.04	1.4	0.006	0.12	2.0	18	<0.1	146.0	
8	DLD002	0.4	0.84	8.5	98.0	0.16	0.69	1.14	9.2	13.0	24.5	2.58	2.5	85	0.04	14.5	0.57	350	5.73	0.035	33.0	1928	9.56	0.02	0.58	1.1	1.2	26.0	0.04	2.8	0.001	0.10	1.0	10	<0.1	99.5	
9	DLD003	0.2	0.80	6.6	337.0	0.16	0.55	0.62	8.9	12.5	33.1	2.20	2.4	85	0.05	12.0	0.42	516	3.24	0.035	31.2	1272	8.91	0.04	0.58	1.0	1.3	27.5	0.06	1.5	0.003	0.06	1.7	12	<0.1	88.6	
10	DLD004	0.2	0.84	10.7	744.0	0.18	0.38	2.36	14.7	12.0	32.1	3.00	2.3	75	0.04	11.5	0.48	973	5.40	0.033	72.5	1101	12.93	0.04	1.18	1.2	1.1	29.0	0.04	3.7	0.002	0.10	1.6	14	<0.1	288.3	
11	DLD005	0.5	0.96	14.4	280.0	0.18	0.39	1.49	39.3	15.5	35.6	4.45	2.5	160	0.04	7.0	0.21	2101	2.38	0.034	117.9	812	13.07	0.06	0.64	1.8	2.0	24.5	0.08	1.1	0.004	0.08	4.0	20	<0.1	281.9	
12	DLD006	0.2	1.30	16.8	311.0	0.16	0.25	0.54	34.2	20.0	18.7	4.53	3.4	60	0.02	6.0	0.38	2231	1.26	0.031	80.2	583	10.59	<0.02	0.46	1.7	1.2	21.0	0.08	1.5	0.003	0.04	0.9	32	<0.1	171.8	
13	DLD007	0.6	0.90	8.0	396.0	0.16	0.58	1.19	11.5	14.5	35.6	2.59	2.7	115	0.04	7.5	0.26	709	2.34	0.036	48.8	836	8.58	0.04	0.76	0.6	2.2	21.0	0.06	0.2	0.004	0.06	3.3	22	<0.1	118.5	
14	DLD008	0.4	1.69	19.3	133.0	0.24	0.12	2.29	95.1	24.0	44.1	4.18	4.2	85	0.03	7.0	0.36	4067	1.74	0.034	202.7	927	16.71	0.04	0.78	2.3	2.3	17.0	0.12	2.6	0.003	0.06	0.9	36	<0.1	361.5	
15	DLM001	0.4	1.22	9.2	2784.0	0.16	0.72	2.88	29.8	8.5	63.1	2.46	1.9	115	0.04	11.0	0.23	1376	5.00	0.038	72.2	1116	9.14	0.04	1.12	1.5	2.9	119.0	0.10	1.7	0.002	0.10	1.9	10	<0.1	224.7	
16	DLM002	0.4	0.77	6.2	1209.0	0.14	0.75	1.88	11.6	10.5	44.1	2.38	1.7	115	0.04	7.5	0.33	584	3.60	0.032	38.3	1159	8.51	0.10	0.74	1.2	2.0	35.5	0.08	1.1	0.004	0.06	1.8	12	<0.1	140.0	
17	DLM003	0.2	7.62	3.5	23.5	0.04	0.20	0.60	75.2	5.0	349.4	16.27	0.7	50	0.02	2.5	0.09	1696	2.95	0.033	116.0	428	3.76	2.24	0.42	2.1	5.1	43.5	<0.02	0.6	0.001	0.04	12.1	4	<0.1	172.3	
18	DLM004	0.3	0.87	8.5	618.0	0.18	0.63	3.94	12.7	12.5	39.0	2.46	2.1	155	0.09	9.5	0.44	820	4.72	0.034	77.7	1231	12.22	0.08	1.16	0.9	1.9	43.5	0.06	1.3	0.004	0.12	2.6	14	<0.1	290.6	
19	DLM005	0.5	0.90	14.6	1776.0	0.14	0.72	3.81	144.0	14.0	29.3	5.56	2.8	175	0.05	5.5	0.23	>10000	2.54	0.034	646.5	758	10.09	0.06	0.56	1.8	2.8	61.5	0.08	1.2	0.003	0.08	4.5	18	<0.1	765.3	

**QC DATA:**

**Repeat:**

1	DLA001	0.6	0.86	10.1	861.5	0.14	0.86	3.81	7.7	18.5	29.8	2.31	2.5	125	0.06	15.5	0.41	311	10.98	0.035	42.0	2486	8.83	0.04	2.08	1.2	2.3	44.0	0.06	0.9	0.005	0.34	2.5	30	<0.1	186.2
10	DLD004	0.2	0.87	11.0	723.5	0.16	0.40	2.44	15.3	12.5	32.4	3.07	2.4	80	0.05	11.5	0.49	1004	5.41	0.035	74.9	1155	12.75	0.04	1.16	1.3	1.2	29.5	0.06	3.6	0.002	0.10	1.6	14	<0.1	293.9

**Standard:**

Till-3		1.5	1.11	82.5	35.5	0.26	0.59	0.11	9.9	61.5	20.5	1.99	4.1	105	0.05	13.5	0.60	302	0.70	0.052	30.3	447	16.30	0.02	0.56	4.3	0.5	17.0	0.02	2.4	0.060	0.06	1.0	38	0.2	38.4
Till-3		1.4	1.09	83.2	37.5	0.28	0.59	0.21	9.8	61.0	22.4	1.98	4.2	120	0.05	13.0	0.60	300	0.65	0.046	30.4	441	18.03	0.02	0.50	4.4	0.4	17.0	0.04	2.4	0.063	0.06	0.9	38	0.2	39.6

**Aqua Regia Digest/ICPMS Finish**



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



**CERTIFICATE OF ANALYSIS AW 2010- 8089**

**Cathro Resources Corp**  
528 Braemar Dr  
**Kamloops, BC**  
V1S 1H8

1-Sep-10

No. of samples received: 14  
Sample Type: Soil  
**Project: Dotty**  
**Shipment #: 1**  
Submitted by: Mike Cathro

ET #.	Tag #	Au (ppb)
1	DSA001	<5
2	DSA002	<5
3	DSA003	<5
4	DSA004	5
5	DSA005	<5
6	DSD001	<5
7	DSD002	<5
8	DSD003	<5
9	DSM001	*
10	DSM002	10
11	DSM003	5
12	DSM004	5
13	DSM005	10
14	DSM006	5

**QC DATA:**

**Repeat:**

8 DSD003 <5

**Standard:**

OXE74 610

\* = Insufficient Sample

NM/nw  
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.**

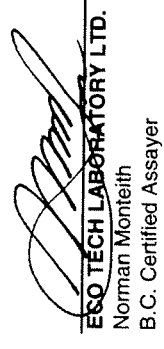
Norman Monteith  
B.C. Certified Assayer

Phone: 250-573-5700  
 Fax : 250-573-4557

No. of samples received: 14  
 Sample Type: Soil  
 Project: **Dotty**  
 Shipment #: 1  
 Submitted by: Mike Cathro

Values in ppm unless otherwise reported

Et.#	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
1	DSA001	0.9	0.92	19.4	139.0	0.32	0.02	0.30	9.2	20.0	41.1	2.83	2.9	140	0.02	4.0	0.23	202	1.92	0.034	41.8	512	29.03	0.06	0.90	1.3	1.6	19.5	0.12	1.4	0.001	0.06	0.7	22	<0.1	114.9
2	DSA002	0.7	0.84	20.3	62.0	0.30	0.02	0.12	5.1	19.0	39.5	2.77	3.1	115	0.02	4.0	0.17	163	2.23	0.033	21.8	844	29.76	0.06	1.00	0.8	1.9	17.0	0.14	1.0	0.002	0.06	0.7	24	<0.1	80.8
3	DSA003	0.5	1.08	22.4	74.5	0.28	0.02	0.16	5.7	22.5	42.4	3.27	3.7	90	0.02	4.5	0.26	139	2.07	0.032	29.2	790	25.69	0.04	1.06	1.1	2.0	16.5	0.14	1.0	0.003	0.06	0.7	28	0.1	95.4
4	DSA004	1.3	1.18	13.6	211.5	0.34	0.02	0.16	3.6	18.0	34.2	2.24	3.5	215	0.03	4.5	0.24	64	1.69	0.034	23.6	896	30.42	0.08	0.66	1.1	1.8	17.0	0.12	0.9	0.003	0.08	0.8	24	<0.1	80.1
5	DSA005	0.7	1.14	20.6	95.0	0.32	0.02	0.13	3.4	21.0	35.8	2.94	3.4	155	0.02	4.5	0.23	67	2.21	0.032	24.2	981	24.75	0.04	1.00	1.0	2.2	13.0	0.12	0.9	0.003	0.06	1.0	30	<0.1	82.6
6	DSD001	0.6	0.69	9.8	45.5	0.12	0.02	0.35	10.6	16.5	59.9	24.78	3.1	75	0.02	3.0	0.02	352	1.93	0.035	20.3	1305	11.71	0.12	0.92	1.8	1.4	2.0	0.06	0.7	0.026	0.08	0.7	40	0.2	287.3
7	DSD002	0.5	0.41	12.4	146.5	0.16	0.03	2.86	32.4	11.0	50.8	10.48	2.4	270	0.02	4.0	0.05	917	2.65	0.033	140.6	811	15.93	0.04	1.52	1.8	1.3	7.0	0.06	1.9	0.018	0.10	0.9	30	0.2	571.0
8	DSD003	0.2	1.21	8.7	70.0	0.10	0.01	0.48	146.4	17.5	27.5	36.34	3.2	50	0.02	3.0	0.03	3053	0.90	0.033	83.0	774	7.94	0.22	0.42	3.3	1.7	1.5	0.04	1.6	0.032	0.12	0.9	30	0.2	441.0
9	DSM001	0.5	0.86	14.5	80.5	0.22	0.08	0.14	5.5	16.5	32.5	2.58	2.8	75	0.03	3.0	0.21	109	1.38	0.035	26.4	721	17.80	0.08	0.54	1.3	1.6	14.0	0.10	1.4	0.001	0.04	0.7	20	<0.1	88.3
10	DSM002	0.5	0.89	18.2	69.5	0.26	0.04	0.09	5.5	19.0	38.2	2.79	3.0	90	0.03	3.0	0.22	91	1.57	0.032	27.9	719	19.27	0.08	0.56	1.5	1.9	13.5	0.14	1.6	0.001	0.04	0.8	22	<0.1	78.5
11	DSM003	0.5	0.87	16.1	77.5	0.26	0.04	0.14	6.9	16.5	34.0	2.62	3.0	80	0.03	3.5	0.19	128	1.46	0.033	28.5	671	19.10	0.08	0.62	1.5	1.6	14.0	0.10	1.7	0.001	0.04	0.8	20	<0.1	77.6
12	DSM004	1.1	1.37	19.9	309.0	0.34	0.12	0.22	10.1	28.0	61.9	3.58	4.0	145	0.06	2.0	0.39	206	2.16	0.033	37.4	771	27.67	0.26	0.48	2.4	1.8	37.5	0.12	4.6	0.002	0.12	0.8	36	<0.1	93.0
13	DSM005	0.7	1.68	14.7	263.0	0.32	0.24	0.27	14.4	32.0	57.9	3.98	4.3	160	0.04	1.5	0.69	214	1.98	0.034	61.3	710	21.11	0.08	0.66	3.2	2.6	27.0	0.12	5.6	0.001	0.04	0.9	38	<0.1	158.9
14	DSM006	0.9	0.86	17.9	178.5	0.34	0.05	0.14	5.6	19.0	36.1	4.65	3.5	220	0.03	4.0	0.20	65	1.73	0.032	26.8	828	30.59	0.36	0.60	2.7	2.6	24.0	0.14	3.2	0.002	0.06	2.0	24	<0.1	69.0
<b>QC DATA:</b>																																				
<b>Repeat:</b>																																				
1	DSA001	0.9	0.93	19.3	143.0	0.30	0.01	0.31	9.1	17.5	39.4	2.82	2.9	150	0.02	4.5	0.23	200	1.86	0.032	38.9	515	28.57	0.06	0.86	1.3	1.6	20.0	0.12	1.4	0.001	0.06	0.6	22	<0.1	112.7
10	DSM002	0.5	0.87	17.4	70.5	0.24	0.05	0.10	5.4	16.5	37.8	2.68	3.0	95	0.03	3.0	0.21	93	1.49	0.031	25.8	713	18.36	0.06	0.60	1.5	1.8	14.0	0.12	1.6	0.001	0.04	0.8	22	<0.1	74.3
<b>Standard:</b>																																				
Till-3		1.4	1.02	84.7	34.0	0.34	0.50	0.08	9.6	65.0	22.1	1.90	4.0	100	0.05	12.0	0.58	300	0.68	0.040	33.9	421	17.32	0.02	0.06	3.9	0.5	13.5	0.02	2.2	0.054	0.06	0.9	36	0.2	39.3
Till-3		1.5	1.03	79.7	34.5	0.38	0.54	0.09	10.1	64.5	24.2	1.93	4.0	105	0.05	12.5	0.60	308	0.67	0.043	36.6	445	17.75	0.02	0.60	3.8	0.1	12.5	0.02	2.2	0.050	0.06	1.1	38	0.2	37.7
<b>Aqua Regia Digest/CPMS Finish</b>																																				



Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## CERTIFICATE OF ANALYSIS AW 2010- 8094

**Cathro Resources Corp**  
528 Braemar Dr  
**Kamloops, BC**  
V1S 1H8

1-Sep-10

*No. of samples received: 25*  
*Sample Type: Rock*  
**Project: Dotty**  
**Shipment #: 1**  
*Submitted by: Mike Cathro*

ET #.	Tag #	Au (ppb)
1	DRA001	<5
2	DRA002	5
3	DRA003	<5
4	DRA004	<5
5	DRA005	<5
6	DRA006	<5
7	DRA007	5
8	DRD001	<5
9	DRD002	5
10	DRD003	5
11	DRD004	<5
12	DRD005	<5
13	DRM001	<5
14	DRM002	5
15	DRM003	5
16	DRM004	<5
17	DRM005	5
18	DRM006	10
19	DRM007	<5
20	DRM008	5
21	DRM009	<5
22	DRM010	<5
23	DRM011	<5
24	DRM012	5
25	DRM013	<5

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

**Cathro Resources Corp AW10-8094**

1-Sep-10

<b>ET #.</b>	<b>Tag #</b>	<b>Au (ppb)</b>
<b>QC DATA:</b>		
<b>Repeat:</b>		
1	DRA001	<5
10	DRD003	5
19	DRM007	<5
<b>Resplit:</b>		
1	DRA001	<5
<b>Standard:</b>		
OXE74		595

NM/nw  
XLS/10

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

No. of samples received: 25  
 Sample Type: Rock  
**Project: Doty**  
**Shipment #: 1**  
 Submitted by: Mike Cathro

*Values in ppm unless otherwise reported*

Et #.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
1	DRA001	<0.1	0.09	1.6	1392.0	<0.02	3.05	0.05	0.9	214.5	15.6	0.45	0.2	5	0.01	1.0	0.04	261	0.56	0.027	6.7	48	2.40	0.04	0.10	0.8	<0.1	552.0	0.10	0.2	0.005	<0.02	0.1	<2	<0.1	7.2
2	DRA002	0.1	2.04	4.6	6654.0	0.22	0.03	0.02	4.9	75.0	57.2	1.82	3.0	15	0.19	13.5	0.09	51	3.48	0.028	12.0	239	5.95	0.04	0.42	1.9	0.3	17.5	0.10	3.9	0.002	0.10	1.0	14	<0.1	19.9
3	DRA003	<0.1	0.13	1.5	90.0	0.02	<0.01	0.02	0.6	256.5	11.1	0.44	0.3	25	0.02	1.0	0.01	24	0.68	0.026	5.2	39	1.82	<0.02	0.38	0.3	0.2	2.5	<0.02	0.6	0.001	<0.02	0.3	<2	<0.1	4.6
4	DRA004	0.1	0.25	5.4	47.0	0.06	<0.01	0.31	3.3	123.0	71.6	7.34	0.9	30	0.04	1.0	<0.01	55	2.91	0.030	19.6	364	6.32	0.06	0.36	1.0	1.0	5.0	<0.02	1.3	0.001	0.02	0.4	16	<0.1	189.0
5	DRA005	0.1	0.74	2.9	131.0	0.06	0.29	0.05	5.6	279.0	22.6	2.05	1.8	20	0.02	1.0	0.24	104	0.93	0.027	26.5	487	5.47	0.02	0.14	1.2	0.7	12.5	<0.02	0.6	0.001	<0.02	0.3	14	<0.1	79.7
6	DRA006	<0.1	0.68	3.4	64.5	0.04	0.14	0.03	3.2	302.5	20.0	1.87	1.6	25	0.02	1.0	0.23	59	0.86	0.030	22.2	707	4.88	0.02	0.16	1.2	0.6	12.5	<0.02	0.6	0.001	<0.02	0.2	12	<0.1	60.6
7	DRA007	0.1	0.49	3.6	9.5	<0.02	0.04	0.03	3.5	227.0	9.8	2.05	1.2	15	<0.01	<0.5	0.17	69	0.84	0.027	19.6	304	1.99	<0.02	0.26	1.7	0.7	2.5	<0.02	0.4	0.001	<0.02	0.4	16	<0.1	69.9
8	DRD001	<0.1	0.12	1.4	15.5	<0.02	<0.01	0.02	1.1	252.0	5.4	0.71	0.4	5	0.02	<0.5	0.02	26	0.74	0.027	7.0	93	1.58	<0.02	0.10	0.4	0.2	2.5	<0.02	0.3	0.001	<0.02	<0.1	<2	<0.1	31.0
9	DRD002	0.1	0.65	8.6	173.0	0.12	0.02	2.20	14.6	73.0	55.6	14.39	2.5	85	0.08	4.0	0.05	248	2.67	0.037	125.3	740	11.13	0.06	1.16	1.6	1.4	10.0	0.06	2.1	0.011	0.06	0.9	28	0.1	829.8
10	DRD003	<0.1	0.41	1.5	802.5	0.02	0.02	0.06	4.6	291.5	22.6	0.93	0.8	20	0.03	<0.5	0.09	126	0.81	0.031	22.9	108	1.88	0.02	0.12	1.1	0.2	5.5	<0.02	0.4	0.001	<0.02	0.5	4	<0.1	41.0
11	DRD004	0.1	1.15	3.1	62.5	0.04	<0.01	0.23	13.4	21.0	11.3	37.57	1.1	30	0.02	1.0	0.02	151	0.63	0.027	32.4	111	5.17	0.14	0.18	1.7	1.6	3.5	<0.02	0.7	0.004	<0.02	0.7	4	<0.1	753.8
12	DRD005	<0.1	0.04	0.8	35.5	0.02	<0.01	0.02	0.5	164.0	3.2	0.35	0.2	65	0.01	0.5	<0.01	18	0.59	0.024	4.8	107	1.20	<0.02	0.06	<0.1	<0.1	3.5	<0.02	0.3	0.001	<0.02	<0.1	<2	<0.1	2.3
13	DRM001	<0.1	0.08	0.7	1006.0	<0.02	0.03	0.02	0.9	223.0	9.7	0.31	0.1	25	<0.01	<0.5	<0.01	31	0.61	0.040	9.4	168	0.48	0.02	0.04	0.3	0.1	44.0	<0.02	0.1	0.005	<0.02	0.1	<2	<0.1	6.7
14	DRM002	0.3	0.03	1.5	370.0	<0.02	>10	0.99	0.7	3.0	3.4	0.06	<0.1	5	<0.01	<0.5	0.12	331	0.43	0.027	7.5	38	12.21	0.12	0.02	0.1	0.2	261.5	0.02	<0.1	0.005	<0.02	0.7	<2	<0.1	63.8
15	DRM003	0.5	2.77	7.1	>10000	0.36	0.64	0.22	0.6	53.5	54.0	2.95	7.8	120	0.07	3.5	0.03	36	13.50	0.033	10.8	190	6.54	0.02	0.80	4.3	2.1	113.0	0.18	2.4	0.001	0.28	3.4	16	<0.1	11.9
16	DRM004	0.1	0.11	1.9	784.0	<0.02	7.38	0.07	4.0	133.5	41.3	2.27	0.2	20	<0.01	1.5	2.89	631	0.59	0.034	27.6	112	0.83	0.02	0.08	2.6	0.2	989.5	0.14	0.8	0.001	<0.02	0.2	12	<0.1	40.7
17	DRM005	0.1	1.40	2.6	7974.0	0.20	0.04	0.19	15.4	159.5	101.9	2.05	3.9	15	0.09	10.0	0.23	1589	4.98	0.032	33.9	272	6.38	0.04	0.24	3.7	0.6	61.0	0.08	2.5	0.004	0.10	1.5	16	<0.1	73.1
18	DRM006	0.1	0.30	4.1	14.0	0.36	0.03	0.02	4.6	158.5	35.5	4.36	1.4	65	0.12	3.5	0.07	485	0.95	0.030	14.1	59	67.81	3.34	0.84	0.9	0.2	34.0	0.04	0.7	0.002	0.10	0.1	4	<0.1	15.2
19	DRM007	<0.1	0.20	2.5	126.5	0.02	0.03	0.04	4.9	221.0	6.6	1.06	0.7	5	0.01	<0.5	0.08	376	0.73	0.028	11.5	142	2.36	<0.02	0.08	1.0	0.1	4.0	<0.02	0.3	0.001	<0.02	<0.1	2	<0.1	32.6
20	DRM008	<0.1	0.06	1.1	75.5	<0.02	<0.01	0.06	1.0	284.5	15.3	0.88	0.2	20	0.01	0.5	<0.01	30	0.75	0.028	13.4	44	1.57	<0.02	0.28	0.2	<0.1	1.5	<0.02	0.3	0.001	<0.02	0.2	<2	<0.1	18.1
21	DRM009	<0.1	0.08	1.2	41.5	<0.02	<0.01	0.04	1.0	214.0	20.1	0.80	0.2	15	0.01	1.0	<0.01	26	0.81	0.029	7.4	54	1.22	<0.02	0.42	0.4	<0.1	4.0	<0.02	0.4	0.001	<0.02	0.3	<2	<0.1	27.9
22	DRM010	<0.1	0.13	4.7	180.0	0.02	<0.01	0.03	0.9	227.5	73.5	1.78	0.3	30	0.01	1.0	<0.01	24	2.05	0.029	8.4	231	2.35	<0.02	2.80	0.6	0.4	3.5	<0.02	0.6	0.001	<0.02	0.6	4	<0.1	32.5
23	DRM011	<0.1	0.28	1.1	198.0	<0.02	0.71	0.07	2.6	224.0	11.9	1.10	0.8	10	0.02	<0.5	0.22	228	0.73	0.027	13.2	105	1.64	0.02	0.08	1.0	0.3	26.0	<0.02	0.4	0.005	<0.02	<0.1	4	<0.1	30.0
24	DRM012	<0.1	0.29	1.3	25.5	0.02	0.02	0.21	10.7	269.0	7.5	1.73	0.5	15	0.01	2.0	0.03	169	0.68	0.028	42.9	122	2.88	<0.02	0.10	1.0	0.3	2.5	<0.02	1.0	0.001	<0.02	0.4	<2	<0.1	81.8
25	DRM013	0.1	0.18	1.2	96.5	<0.02	0.06	0.06	4.1	216.5	7.7	1.73	0.4	5	<0.01	<0.5	0.04	110	0.72	0.027	16.9	484	2.35	<0.02	0.06	0.9	0.4	4.5	<0.02	0.2	0.005	<0.02	0.1	4	<0.1	49.1

**QC DATA:**

Repeat:

1	DRA001	<0.1	0.09	1.3	1352.0	<0.02	2.95	0.04	0.8	212.0	14.9	0.44	0.2	5	0.01	1.0	0.03	253	0.56	0.028	6.5	48	1.97	0.04	0.10	0.7	<0.1	535.5	0.08	0.1	0.005	<0.02	0.1	<2	<0.1	6.7
10	DRD003	0.1	0.41	1.6	794.5	0.02	0.02	0.06	4.6	290.5	22.8	0.92	0.8	20	0.02	<0.5	0.09	124	0.84	0.031	23.2	110	1.47	0.02	0.12	1.1	0.2	5.5	0.02	0.4	0.001	<0.02	0.5	4	<0.1	41.4



Et #	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
------	-------	--------	------	--------	--------	--------	------	--------	--------	--------	--------	------	--------	--------	-----	--------	------	--------	--------	------	--------	-------	--------	-----	--------	--------	--------	--------	--------	--------	------	--------	-------	-------	-------	--------

Resplit:

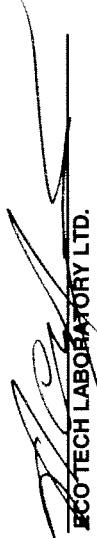
1	DRA001	0.2	0.09	2.5	1422.0	0.04	3.10	0.05	0.9	184.5	16.9	0.42	0.2	<5	0.01	1.0	0.04	269	0.57	0.030	7.8	51	2.09	0.04	0.18	0.8	<0.1	551.5	0.06	0.1	0.005	<0.02	0.1	<2	<0.1	7.3
---	--------	-----	------	-----	--------	------	------	------	-----	-------	------	------	-----	----	------	-----	------	-----	------	-------	-----	----	------	------	------	-----	------	-------	------	-----	-------	-------	-----	----	------	-----

Standard:

Pb129a		12.0	0.81	5.4	65.0	0.48	0.50	55.70	4.9	11.0	1442.0	1.61	2.5	75	0.11	4.5	0.72	391	2.01	0.048	4.9	417	6177.00	0.79	15.30	0.9	0.2	30.5	0.22	0.6	0.042	0.04	0.1	18	0.2	>10000
--------	--	------	------	-----	------	------	------	-------	-----	------	--------	------	-----	----	------	-----	------	-----	------	-------	-----	-----	---------	------	-------	-----	-----	------	------	-----	-------	------	-----	----	-----	--------

Aqua Regia Digest/ICPMS Finish

NM/nw  
dl/mr8093S  
XLS/10



**ECO TECH LABORATORY LTD.**  
Norman McTeith  
B.C. Certified Assayer

Phone: 250-573-5700  
 Fax : 250-573-4557


No. of samples received: 27  
 Sample Type: Soil  
**Project: Doty**  
 Submitted by: Mike Cathro

*Values in ppm unless otherwise reported*

Et.#	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
1	DSA006	2	0.7	1.14	18.1	157.5	0.32	0.13	0.23	10.2	23.5	44.1	3.19	3.0	165	0.02	3.5	0.34	303	2.33	0.025	50.9	572	23.45	0.06	0.74	2.4	1.8	22.5	0.16	3.7	0.005	0.06	1.1	24	<0.1	108.6
2	DSA007	2	0.5	1.32	18.4	115.5	0.34	0.10	0.16	5.3	24.0	34.6	3.04	3.7	110	0.03	6.0	0.37	170	1.81	0.027	34.8	691	21.91	0.06	0.68	1.8	1.5	20.0	0.12	2.9	0.005	0.06	0.7	28	<0.1	96.0
3	DSA008	2	0.7	1.15	14.1	144.5	0.28	0.10	0.19	6.8	21.0	32.7	2.66	3.2	130	0.03	4.0	0.30	176	1.66	0.024	36.4	646	18.91	0.06	0.56	1.8	1.5	16.5	0.08	2.1	0.001	0.04	0.7	26	<0.1	92.3
4	DSA009	2	0.6	1.48	15.5	191.5	0.44	0.14	0.17	6.8	23.0	37.2	3.21	3.9	145	0.03	5.0	0.39	209	2.09	0.029	39.1	721	27.58	0.06	0.58	2.0	1.5	20.5	0.16	2.2	0.001	0.06	0.9	32	<0.1	104.3
5	DSA010	2	0.7	1.35	10.2	203.5	0.30	0.16	0.13	4.8	28.0	27.2	2.68	3.5	145	0.02	3.5	0.43	122	1.40	0.025	43.1	492	16.09	0.04	0.42	1.7	1.8	16.5	0.10	2.7	0.001	0.04	0.7	28	<0.1	94.6
6	DSA011	3	0.9	1.20	9.5	348.5	0.36	0.26	0.11	3.4	18.0	19.4	2.10	3.0	180	0.03	2.0	0.36	115	1.51	0.032	30.8	714	20.40	0.08	0.42	1.2	1.5	18.5	0.12	1.6	0.001	0.06	0.6	26	<0.1	73.4
7	DSA012	2	0.3	1.41	12.6	168.0	0.30	0.12	0.12	4.8	23.0	30.6	2.84	3.8	105	0.02	3.5	0.41	136	1.62	0.026	51.4	564	18.14	0.04	0.50	1.7	1.0	13.0	0.10	2.2	0.001	0.04	0.7	30	<0.1	85.7
8	DSA013	2	0.3	1.36	14.4	158.5	0.28	0.15	0.13	10.8	24.5	44.1	3.21	4.1	100	0.03	6.0	0.36	309	1.56	0.029	33.8	715	19.56	0.04	0.50	1.9	1.3	16.0	0.10	1.4	0.002	0.06	1.1	36	0.1	85.5
9	DSA014	2	0.3	1.16	11.3	136.5	0.22	0.06	0.27	8.8	19.5	17.9	2.73	3.7	75	0.03	8.5	0.27	458	1.17	0.029	25.1	622	13.75	0.04	0.48	1.6	0.6	10.5	0.04	0.6	0.006	0.08	0.9	32	0.2	68.8
10	DSA015	3	0.4	1.09	8.6	175.5	0.22	0.09	0.27	7.9	22.5	15.8	2.41	3.6	75	0.03	7.5	0.25	584	1.12	0.030	26.8	750	11.51	0.06	0.44	0.9	0.5	12.5	0.06	0.4	0.005	0.08	0.8	28	0.2	67.6
11	DSA016	2	0.2	1.26	8.7	168.0	0.20	0.12	0.23	9.0	19.5	18.7	2.45	3.6	95	0.03	9.0	0.28	246	1.01	0.026	28.4	582	12.07	<0.02	0.46	1.9	0.5	13.0	0.04	0.8	0.006	0.08	0.9	32	0.2	66.4
12	DSA017	5	0.5	1.27	7.4	270.5	0.22	0.19	0.35	6.6	26.5	27.4	2.16	3.8	90	0.03	8.0	0.28	140	1.30	0.030	35.2	782	14.93	0.06	0.42	1.6	1.6	17.0	0.04	0.6	0.004	0.10	0.8	32	0.2	70.7
13	DSA018	2	0.4	1.41	11.4	247.5	0.28	0.13	0.32	7.7	36.0	33.4	2.74	4.2	90	0.03	8.5	0.31	333	1.33	0.031	43.2	839	17.29	0.06	0.46	1.7	0.6	16.5	0.06	0.7	0.004	0.10	0.9	34	0.2	84.1
14	DSA019	4	0.1	1.30	9.8	95.5	0.22	0.08	0.25	6.8	24.0	28.8	2.60	4.1	65	0.03	8.0	0.30	350	1.55	0.034	24.7	780	13.90	0.06	0.48	1.2	0.6	10.5	0.04	0.4	0.006	0.08	0.9	34	0.2	69.5
15	DSA020	3	0.2	1.23	9.9	84.0	0.20	0.08	0.22	7.7	23.5	26.6	2.62	3.9	70	0.03	8.0	0.34	204	1.37	0.031	26.3	576	11.50	0.02	0.58	1.5	0.7	9.0	0.04	0.6	0.008	0.06	0.8	36	0.2	75.5
16	DSM007	2	0.8	0.76	16.3	156.0	0.28	0.24	0.18	4.6	17.5	28.2	2.43	2.8	140	0.03	4.0	0.18	237	1.67	0.029	21.6	754	22.48	0.08	0.36	1.6	1.4	25.0	0.06	1.1	0.001	0.06	0.6	26	<0.1	54.1
17	DSM008	3	0.2	0.92	9.7	79.5	0.26	0.08	0.13	3.7	32.5	22.9	1.83	4.9	65	0.04	8.0	0.21	147	1.33	0.030	23.2	582	12.11	0.04	0.46	0.5	0.4	9.0	0.04	0.2	0.007	0.10	0.6	42	0.2	45.7
18	DSM009	2	0.1	1.48	11.4	68.0	0.20	0.07	0.15	5.4	23.0	16.2	2.81	5.0	55	0.03	10.5	0.31	213	1.20	0.026	13.5	430	12.31	0.02	0.64	1.6	0.5	7.5	0.04	0.9	0.015	0.12	0.7	44	0.3	51.4
19	DSM010	4	0.1	1.13	12.5	53.5	0.16	0.13	0.23	7.2	21.0	22.9	2.50	3.1	65	0.03	9.0	0.29	258	0.99	0.029	24.4	781	10.94	0.04	0.58	1.4	0.6	11.0	0.06	1.4	0.013	0.06	0.7	30	0.3	67.7
20	DSM011	2	0.1	1.21	14.1	73.0	0.22	0.06	0.19	8.6	41.5	25.9	2.74	3.9	60	0.04	9.0	0.35	380	1.30	0.028	40.6	536	14.58	0.04	0.72	1.6	0.8	8.5	0.06	1.2	0.013	0.08	0.7	36	0.3	68.3
21	DSM012	2	0.4	0.95	10.9	101.5	0.24	0.07	0.15	6.4	17.0	16.9	2.19	3.5	70	0.04	6.0	0.21	449	1.66	0.032	13.3	844	14.24	0.08	0.56	0.5	0.7	11.5	0.10	0.2	0.004	0.08	0.9	32	0.2	45.0
22	DSM013	2	0.3	1.44	11.0	94.5	0.24	0.08	0.13	5.3	26.0	25.7	2.58	4.6	60	0.03	8.0	0.39	142	1.29	0.030	24.7	622	12.39	0.04	0.46	1.2	0.6	9.0	0.04	0.5	0.007	0.08	0.7	42	0.2	57.6
23	DSM014	4	0.7	0.71	7.2	85.0	0.14	6.62	0.39	5.9	22.0	52.6	1.67	1.9	40	0.03	10.0	3.28	374	1.22	0.045	22.6	336	31.17	0.04	0.60	0.9	0.3	33.5	0.04	0.7	0.009	0.10	0.4	18	0.2	75.5
24	DSM015	2	0.3	1.04	17.9	234.5	0.18	0.11	0.75	18.0	18.5	14.2	4.73	3.3	60	0.03	6.0	0.21	1322	1.60	0.025	28.7	835	12.97	0.06	0.54	0.7	0.6	10.5	0.06	0.3	0.007	0.08	0.7	30	0.2	103.6
25	DSM016	2	0.3	1.44	13.0	200.5	0.24	0.06	0.17	9.2	22.5	14.4	2.93	5.1	60	0.03	9.0	0.33	592	1.84	0.031	16.5	587	16.53	0.04	0.60	0.9	0.7	7.5	0.06	0.4	0.009	0.12	0.8	44	0.2	63.6
26	DSM017	2	0.5	1.16	11.4	458.0	0.22	0.11	0.12	7.5	16.0	17.0	2.23	3.6	85	0.03	8.0	0.23	392	1.70	0.028	16.0	829	15.84	0.06	0.50	0.7	1.6	11.5	0.04	0.2	0.004	0.12	0.9	28	0.1	53.5
27	DSM018	2	0.3	1.13	9.3	273.5	0.22	0.08	0.25	6.1	17.0	15.1	2.18	4.1	60	0.03	7.5	0.22	405	1.74	0.025	12.3	655	10.14	0.06	0.58	0.6	0.5	9.0	0.04	0.2	0.008	0.08	0.8	36	0.2	53.6

Et.#.	Tag #	Au ppb	Ag ppm %	Al ppm %	As ppm	Ba ppm	Bi ppm %	Ca ppm %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe ppm %	Ga ppm	Hg ppb	K ppm %	La ppm %	Mg ppm %	Mn ppm	Mo ppm	Na ppm %	Ni ppm	P ppm	Pb ppm	S ppm %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm %	Ti ppm	Tl ppm	U ppm	V ppm	W ppm	Zn ppm			
<b>Repeat:</b>																																								
7	DSA012	2	0.3	1.34	12.1	160.5	0.28	0.11	0.11	4.4	25.0	28.6	2.70	3.5	95	0.02	3.5	0.38	128	1.54	0.028	44.3	545	17.14	0.04	0.46	1.7	1.0	12.5	0.10	2.2	0.001	0.04	0.6	30	<0.1	83.2			
11	DSA016	2	0.3	1.36	10.8	185.5	0.24	0.15	0.26	11.0	21.0	21.4	2.66	4.2	95	0.03	12.0	0.35	286	1.20	0.030	31.7	629	13.66	0.02	0.52	2.4	0.7	15.5	0.02	1.0	0.008	0.10	1.0	36	0.2	70.6			
<b>Standard:</b>																																								
	OXE74	600	0.1	1.55	1.1	72.0	0.04	0.77	0.03	19.6	53.5	25.1	3.13	5.8	30	0.40	14.0	1.40	452	1.72	0.685	69.6	1001	8.29	<0.02	0.04	1.1	0.2	172.0	0.08	1.9	0.392	0.04	0.6	46	0.2	41.7			

Aqua Regia Digest/ICPMS Finish

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

NM/sa  
 df/msr8087AUS  
 XLS/10

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## CERTIFICATE OF ANALYSIS AW 2010- 8099

**Cathro Resources Corp**  
528 Braemar Dr  
**Kamloops, BC**  
V1S 1H8

10-Sep-07

*No. of samples received: 4*  
*Sample Type: Rock*  
**Project: Dotty**  
*Submitted by: Mike Cathro*

<b>ET #.</b>	<b>Tag #</b>	<b>Au (ppb)</b>
1	DRA008	5
2	DRA009	5
3	DRM014	20
4	DRM015	10

**QC DATA:**

**Repeat:**

1	DRA008	5
---	--------	---

**Resplit:**

1	DRA008	10
---	--------	----

**Standard:**

OXE74	615
-------	-----



**ECO TECH LABORATORY LTD.**

Norman Monteith  
B.C. Certified Assayer

NM/sa  
XLS/10

Stewart Group  
 ECO TECH LABORATORY LTD.  
 10041 Dallas Drive  
 KAMLOOPS, B.C.  
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2010- 8099

Cathro Resources Corp  
 528 Braemar Dr  
 Kamloops, BC  
 V1S 1H8

Phone: 250-573-5700  
 Fax : 250-573-4557

No. of samples received: 4  
 Sample Type: Rock  
 Project: Dotty  
 Submitted by: Mike Cathro

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
1	DRA008	0.1	0.10	9.3	24.0	0.08	0.02	0.07	0.6	143.0	19.1	0.97	0.3	25	0.03	<0.5	<0.01	18	0.50	0.034	5.7	165	7.15	0.02	0.82	0.3	0.5	2.0	<0.02	0.6	0.001	<0.02	0.2	2	0.1	12.3
2	DRA009	<0.1	0.14	3.3	11.0	0.04	<0.01	<0.01	0.6	175.5	10.0	0.70	0.4	15	0.01	<0.5	0.03	27	0.61	0.035	7.7	117	1.81	<0.02	0.20	0.3	0.3	1.5	<0.02	0.4	0.001	<0.02	0.1	4	<0.1	6.9
3	DRM014	0.2	0.22	12.3	21.0	0.10	0.01	0.02	1.4	168.5	7.8	2.26	1.7	25	<0.01	1.0	0.12	47	0.60	0.034	9.1	58	7.38	0.94	0.32	0.3	2.0	1.5	0.06	0.5	0.001	<0.02	<0.1	6	<0.1	14.7
4	DRM015	<0.1	0.05	1.7	59.0	0.02	<0.01	0.02	1.2	155.5	3.5	0.78	0.2	20	0.01	0.5	<0.01	47	0.53	0.034	8.9	102	1.42	<0.02	0.14	1.2	<0.1	2.0	<0.02	0.4	0.001	<0.02	0.2	<2	<0.1	9.6

QC DATA:

Repeat:

1	DRA008	0.1	0.10	9.6	25.5	0.10	0.01	0.03	0.6	150.5	19.6	1.02	0.3	35	0.03	<0.5	<0.01	19	0.52	0.034	6.2	174	3.93	<0.02	0.86	0.4	0.6	1.5	<0.02	0.6	0.005	<0.02	0.2	2	<0.1	6.9
---	--------	-----	------	-----	------	------	------	------	-----	-------	------	------	-----	----	------	------	-------	----	------	-------	-----	-----	------	-------	------	-----	-----	-----	-------	-----	-------	-------	-----	---	------	-----

Resplit:


1	DRA008	0.1	0.10	11.5	25.5	0.14	0.01	0.03	0.7	152.5	20.0	1.04	0.3	25	0.03	<0.5	<0.01	20	0.55	0.033	6.6	172	3.24	<0.02	1.00	0.4	0.5	1.5	<0.02	0.6	0.001	<0.02	0.2	2	<0.1	6.5
---	--------	-----	------	------	------	------	------	------	-----	-------	------	------	-----	----	------	------	-------	----	------	-------	-----	-----	------	-------	------	-----	-----	-----	-------	-----	-------	-------	-----	---	------	-----

Standard:

Pb129a	11.8	0.79	5.4	64.0	0.40	0.49	56.18	4.7	11.5	1410.0	1.55	2.2	80	0.11	3.5	0.68	334	1.81	0.049	5.3	421	6247.51	0.88	17.36	0.5	0.2	28.0	0.28	0.7	0.027	0.04	<0.1	16	0.2	>10000
--------	------	------	-----	------	------	------	-------	-----	------	--------	------	-----	----	------	-----	------	-----	------	-------	-----	-----	---------	------	-------	-----	-----	------	------	-----	-------	------	------	----	-----	--------

Aqua Regia Digest/ICPMS Finish

NIM/sa  
 dl/msr669S  
 XLS/10



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

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## CERTIFICATE OF ANALYSIS AW 2010- 8103

**Cathro Resources Corp**  
528 Braemar Dr  
**Kamloops, BC**  
V1S 1H8

7-Sep-10

*No. of samples received: 61*  
*Sample Type: Silt*  
**Project: Cal**  
*Submitted by: Mike Cathro*

ET #.	Tag #	Au (ppb)
1	CLA001	<5
2	CLA002	10
3	CLA003	<5
4	CLA004	15
5	CLA005	<5
6	CLA006	<5
7	CLA007	<5
8	CLA008	<5
9	CLA009	<5
10	CLA010	<5
11	CLA011	<5
12	CLA012	<5
13	CLA013	5
14	CLA014	5
15	CLA015	<5
16	CLA016	<5
17	CLA017	<5
18	CLA018	5
19	CLA019	5
20	CLA020	10
21	CLA021	10
22	CLA022	5
23	CLA023	<5
24	CLA024	5
25	CLD001	5
26	CLD002	10
27	CLD003	5
28	CLD004	<5
29	CLD005	<5

Eco Tech Laboratory Ltd.  
 2953 Shuswap Road  
 Kamloops, BC  
 V2H 1S9 Canada  
 Tel + 1 250 573 5700  
 Fax + 1 250 573 4557  
 Toll Free + 1 877 573 5755  
 www.stewartgroupglobal.com



**StewartGroup**  
 Geochemical & Assay

**Cathro Resources Corp AW10-8103**

7-Sep-10

ET #.	Tag #	Au (ppb)
30	CLD006	<5
31	CLD007	<5
32	CLD008	<5
33	CLD009	<5
34	CLD010	<5
35	CLD011	<5
36	CLD012	5
37	CLD013	<5
38	CLD014	<5
39	CLD015	<5
40	CLD016	10
41	CLD017	<5
42	CLM001	5
43	CLM002	<5
44	CLM003	*
45	CLM004	<5
46	CLM005	<5
47	CLM006	<5
48	CLM007	<5
49	CLM008	<5
50	CLM009	<5
51	CLM010	<5
52	CLM011	<5
53	CLM012	<5
54	CLM013	<5
55	CLM014	<5
56	CLM015	<5
57	CLM016	<5
58	CLM017	<5
59	CLM018	<5
60	CLM019	<5
61	CLM020	<5

**QC DATA:**

**Repeat:**

1	CLA001	<5
11	CLA011	<5
21	CLA021	5
28	CLD004	<5
36	CLD012	<5
49	CLM008	<5
55	CLM014	<5

\* Insufficient Sample

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com




**StewartGroup**  
Geochemical & Assay

**Cathro Resources Corp AW10-8103**

7-Sep-10

<b>ET #.</b>	<b>Tag #</b>	<b>Au (ppb)</b>
<b>Standard:</b>		
OXE74		620
OXF65		810

NM/nw  
XLS/10

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



Phone: 250-573-5700  
 Fax : 250-573-4557

No. of samples received: 61  
 Sample Type: Silt  
 Project: Cal  
 Submitted by: Mike Cathro

*Values in ppm unless otherwise reported*


Et.#.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1	CLA001	0.1	1.13	8.4	127.5	0.22	0.34	0.20	11.7	18.5	23.7	2.56	3.3	35	0.05	5.5	0.39	700	0.65	0.025	23.7	597	19.28	0.04	0.28	1.3	0.7	47.0	0.04	1.2	0.006	0.08	1.9	20	0.6	70.2
2	CLA002	0.1	1.32	12.5	105.0	0.26	0.42	0.29	13.9	24.0	27.4	3.10	4.4	60	0.05	11.0	0.46	244	0.72	0.033	38.3	839	13.53	0.04	0.58	2.9	0.7	27.5	0.06	2.2	0.016	0.10	1.1	30	0.7	98.4
3	CLA003	0.1	0.93	8.8	109.5	0.24	0.21	0.33	14.9	17.0	28.5	2.67	3.2	40	0.06	7.5	0.32	864	0.50	0.027	30.7	541	17.68	0.04	0.36	1.6	0.5	26.0	0.08	2.1	0.005	0.10	1.2	16	0.5	75.2
4	CLA004	0.1	1.24	12.2	84.5	0.38	8.68	0.19	21.3	31.5	37.8	3.77	4.2	60	0.03	6.0	0.72	1265	0.72	0.029	48.2	844	20.05	0.04	0.88	2.1	0.7	367.0	0.14	2.5	0.007	0.08	1.0	20	0.4	112.6
5	CLA005	<0.1	1.33	4.7	87.0	0.42	1.10	0.11	22.1	22.5	36.8	4.02	4.0	25	0.03	3.0	0.70	1486	0.46	0.025	40.9	374	27.77	0.02	0.38	2.0	0.4	66.5	0.10	3.8	0.003	0.06	0.8	16	0.3	103.9
6	CLA006	0.1	1.46	7.1	119.0	0.42	0.12	0.19	21.9	24.5	46.6	4.32	4.2	20	0.03	2.5	0.69	1155	1.35	0.028	44.1	447	26.19	0.02	0.50	2.3	0.5	32.5	0.08	3.0	0.003	0.06	1.0	20	0.3	120.4
7	CLA007	0.2	1.50	6.0	89.5	0.48	0.13	0.21	22.3	23.5	46.1	3.73	4.5	25	0.04	4.5	0.65	1197	0.55	0.026	42.7	393	22.11	0.02	0.36	2.0	0.4	20.5	0.14	3.3	0.006	0.06	1.0	18	0.3	102.0
8	CLA008	<0.1	2.49	11.8	79.0	0.62	0.11	0.08	24.2	33.5	53.9	5.10	7.7	20	0.03	3.0	1.01	1500	0.69	0.027	47.1	386	36.83	0.02	0.30	3.3	0.4	32.0	0.08	3.5	0.001	0.04	0.9	22	0.2	117.5
9	CLA009	<0.1	2.10	10.7	100.0	0.70	0.16	0.13	32.8	29.0	54.0	4.53	6.4	25	0.04	4.5	0.85	1447	0.67	0.028	51.8	470	28.90	0.02	0.38	2.5	0.5	30.0	0.12	3.1	0.003	0.04	1.1	20	0.3	123.5
10	CLA010	0.1	1.42	10.1	90.0	0.48	0.26	0.27	20.3	25.5	42.5	3.91	4.4	40	0.04	5.5	0.56	855	0.77	0.031	46.0	601	21.65	0.04	0.62	2.2	0.7	37.5	0.06	1.9	0.008	0.04	1.1	22	0.3	109.1
11	CLA011	<0.1	1.93	9.2	86.5	0.46	0.14	0.11	22.2	26.0	43.0	4.18	5.9	20	0.03	3.5	0.77	1263	0.63	0.025	43.6	381	26.96	0.02	0.30	2.3	0.4	24.5	0.08	2.9	0.002	0.04	0.9	18	0.2	105.1
12	CLA012	<0.1	1.84	8.9	83.0	0.42	0.14	0.12	19.8	25.5	41.3	4.09	5.6	20	0.03	3.5	0.74	1061	0.53	0.025	40.6	385	23.48	0.02	0.28	1.9	0.4	25.5	0.08	2.5	0.002	0.04	0.8	18	0.2	100.8
13	CLA013	<0.1	1.97	8.8	89.0	0.44	0.16	0.12	22.5	29.5	42.3	4.39	6.1	20	0.03	3.5	0.81	1216	0.61	0.024	47.0	421	25.55	0.02	0.30	2.3	0.4	25.5	0.08	2.8	0.002	0.04	0.9	20	0.2	107.5
14	CLA014	0.1	2.10	18.6	107.5	0.56	0.40	0.36	32.2	44.0	63.8	5.30	6.7	60	0.04	6.5	1.03	1770	2.98	0.028	78.0	646	29.66	0.06	0.70	2.9	0.7	45.0	0.12	3.8	0.002	0.06	1.0	26	0.2	181.1
15	CLA015	0.1	1.91	16.1	125.0	0.90	0.65	0.31	28.9	40.5	76.5	4.98	6.1	95	0.04	6.5	0.96	1768	3.11	0.027	74.6	709	38.17	0.06	0.70	3.0	0.8	54.5	0.18	3.6	0.002	0.06	1.2	26	0.2	126.0
16	CLA016	0.1	1.88	13.8	125.0	0.40	0.43	0.21	27.5	40.5	51.1	4.71	6.2	50	0.04	6.5	0.94	1356	1.68	0.029	64.9	658	27.40	0.04	0.54	2.6	0.7	46.0	0.08	3.1	0.003	0.04	0.9	24	0.2	116.5
17	CLA017	<0.1	1.90	11.9	85.5	0.50	0.64	0.14	24.6	41.5	44.9	4.52	5.9	45	0.04	6.0	0.95	1085	1.51	0.027	60.8	634	22.82	0.04	0.46	2.6	0.6	50.5	0.10	3.2	0.002	0.02	0.8	24	0.1	109.2
18	CLA018	<0.1	1.45	7.3	113.5	0.34	0.34	0.19	20.8	25.5	35.2	3.63	4.5	25	0.03	4.5	0.67	1041	0.75	0.025	41.6	475	20.25	0.02	0.30	1.9	0.6	34.0	0.06	2.5	0.004	0.04	0.7	20	0.2	96.7
19	CLA019	0.1	1.37	10.3	187.0	0.32	0.65	0.36	15.6	26.0	43.4	3.38	4.0	45	0.04	7.0	0.57	784	0.72	0.031	39.9	781	19.41	0.04	0.36	1.7	1.0	63.0	0.06	1.9	0.008	0.04	1.1	24	0.3	117.1
20	CLA020	0.1	1.87	12.4	99.0	0.48	0.60	0.20	24.2	37.5	44.8	4.48	5.7	50	0.04	6.0	0.90	1215	1.31	0.027	58.4	614	25.43	0.04	0.46	2.5	0.7	47.5	0.14	2.8	0.003	0.04	1.0	24	0.1	114.1
21	CLA021	<0.1	1.68	8.5	92.5	0.34	0.37	0.15	20.8	33.5	36.0	3.94	5.3	35	0.04	5.5	0.80	927	1.12	0.029	49.7	593	19.49	0.02	0.32	2.1	0.6	34.5	0.08	2.6	0.004	0.02	0.7	22	0.1	103.8
22	CLA022	0.2	1.40	11.7	129.0	0.42	0.30	0.21	30.2	31.5	47.4	3.96	4.5	110	0.10	11.0	0.51	909	0.93	0.030	53.0	808	43.46	0.08	0.62	2.6	1.1	46.5	0.10	3.4	0.006	0.10	2.3	22	0.2	114.9
23	CLA023	0.1	1.96	11.4	60.0	0.44	0.27	0.12	27.7	38.0	29.2	4.39	5.9	25	0.03	5.0	0.93	1341	0.84	0.025	47.1	562	31.44	0.02	0.20	2.1	0.5	27.0	0.10	2.7	0.004	<0.02	1.3	26	0.1	109.0
24	CLA024	0.1	2.40	14.7	97.0	0.36	0.56	0.17	31.1	88.5	46.2	5.53	8.5	30	0.05	11.0	1.63	1411	1.08	0.028	83.3	1201	28.28	0.04	0.34	3.6	0.8	49.0	0.08	2.9	0.019	0.04	0.9	56	0.1	134.7
25	CLD001	<0.1	0.86	7.7	107.5	0.18	0.21	0.11	13.0	15.0	15.1	3.97	2.8	25	0.04	4.0	0.38	1772	0.46	0.026	23.0	353	11.54	0.02	0.16	1.1	0.4	27.0	0.06	2.1	0.003	0.02	0.8	12	0.1	66.4



Et #	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
36	CLD012	0.1	1.68	13.5	170.0	0.32	0.76	0.38	18.1	48.0	48.4	3.24	6.3	55	0.06	11.0	0.96	816	1.24	0.031	52.7	940	14.77	0.06	0.62	2.0	1.1	132.0	0.10	0.8	0.013	0.06	1.3	50	0.1	102.8
45	CLM004	0.1	1.24	11.7	59.0	0.34	1.66	0.22	20.4	18.5	37.9	3.49	3.8	55	0.04	4.5	0.53	1233	1.23	0.027	41.1	614	25.84	0.04	0.86	1.8	0.8	96.5	0.10	1.9	0.005	0.06	1.2	18	0.1	120.3
54	CLM013	<0.1	1.24	7.1	102.0	0.32	0.82	0.18	18.4	20.5	31.6	3.31	3.7	25	0.03	4.5	0.56	907	0.63	0.025	35.7	548	21.60	0.02	0.30	1.8	0.6	56.0	0.08	2.2	0.004	<0.02	1.1	16	<0.1	90.8

**Standard:**  
Till-3 1.5 1.09 87.2 36.5 0.32 0.54 0.10 11.6 63.0 21.5 1.93 4.3 105 0.07 15.0 0.60 297 0.69 0.040 32.6 474 15.35 0.02 0.46 2.9 0.5 16.5 0.02 1.9 0.042 0.04 1.0 38 0.3 40.4  
Till-3 1.5 1.09 89.6 38.5 0.30 0.52 0.10 11.8 64.5 21.7 1.94 4.6 110 0.07 12.5 0.61 306 0.68 0.042 33.5 464 16.51 0.02 0.46 2.8 0.5 15.5 0.02 1.9 0.043 0.04 1.0 38 0.3 40.9

**Aqua Regia Digest/CPMS Finish**

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

NM/nw  
df/msr8103S  
XLS/10

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## CERTIFICATE OF ANALYSIS AW 2010- 8105

**Cathro Resources Corp**  
528 Braemar Dr  
**Kamloops, BC**  
V1S 1H8

10-Sep-07

*No. of samples received: 11*

*Sample Type: Rock*

**Project: Cal**

*Submitted by: Mike Cathro*

<b>ET #.</b>	<b>Tag #</b>	<b>Au (ppb)</b>
1	CRA001	5
2	CRA002	5
3	CRA003	5
4	CRD001	25
5	CRD002	5
6	CRD003	5
7	CRM001	10
8	CRM002	5
9	CRM003	5
10	CRM004	5
11	CRM005	<5

**QC DATA:**

**Repeat:**


1	CRA001	10
10	CRM004	5

**Resplit:**

1	CRA001	5
---	--------	---

**Standard:**

OXE74	620
-------	-----

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

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.

Phone: 250-573-5700  
 Fax : 250-573-4557

No. of samples received: 11  
 Sample Type: Rock  
**Project: Cal**  
 Submitted by: Mike Cathro


*Values in ppm unless otherwise reported*

Et #.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
1	CRA001	0.1	0.20	22.9	32.0	0.26	0.01	0.02	5.0	267.0	13.8	0.98	0.5	60	0.07	2.5	<0.01	130	0.79	0.038	16.2	98	6.45	0.02	1.72	0.7	0.2	12.0	<0.02	1.3	0.005	0.02	0.4	<2	<0.1	21.4
2	CRA002	0.1	0.10	5.9	30.5	0.14	>10	2.05	5.5	74.5	36.2	1.98	0.9	15	0.07	16.0	7.22	1855	0.30	0.055	9.7	2502	21.85	0.04	0.18	1.8	0.9	732.5	0.14	1.2	0.001	<0.02	0.9	2	<0.1	53.7
3	CRA003	0.2	0.50	33.8	31.0	0.56	0.06	0.04	8.4	185.5	14.8	2.88	2.6	270	0.06	3.5	0.20	100	7.41	0.060	20.2	285	88.41	0.48	2.10	0.7	0.6	27.0	0.92	1.8	0.001	0.16	0.5	8	0.1	32.0
4	CRD001	0.1	1.45	2.2	22.5	0.26	0.15	0.07	6.5	203.5	12.3	4.90	5.0	<5	0.02	1.0	0.57	2615	0.68	0.038	18.7	680	138.81	<0.02	0.12	4.6	0.3	9.5	0.04	0.6	0.001	<0.02	0.2	10	<0.1	72.2
5	CRD002	<0.1	1.08	3.8	6.5	0.10	0.02	0.01	4.4	207.0	8.1	2.21	3.4	<5	0.03	<0.5	0.41	182	0.61	0.040	18.4	97	8.47	<0.02	0.16	1.0	<0.1	3.0	<0.02	0.5	0.001	<0.02	0.1	8	<0.1	39.7
6	CRD003	0.1	0.59	2.1	104.5	0.06	0.05	0.03	5.3	257.0	5.4	1.57	1.8	10	0.04	1.5	0.26	1848	1.06	0.042	12.3	139	1.84	<0.02	0.16	1.3	<0.1	10.0	<0.02	0.6	0.001	<0.02	0.1	4	<0.1	28.4
7	CRM001	<0.1	0.10	4.0	17.5	0.06	8.61	0.02	5.3	98.5	5.6	0.95	0.5	5	0.04	2.0	0.05	908	0.44	0.045	13.3	96	0.05	0.02	0.16	3.8	0.4	639.5	0.12	0.9	0.005	<0.02	0.2	<2	<0.1	16.6
8	CRM002	<0.1	0.91	1.9	29.5	0.16	0.05	0.02	6.9	270.0	12.5	2.14	2.8	10	0.05	1.0	0.35	477	0.74	0.044	17.0	205	27.52	<0.02	0.14	1.2	0.2	14.0	<0.02	1.5	0.001	<0.02	0.4	6	<0.1	36.2
9	CRM003	0.1	0.97	4.2	15.5	0.58	0.06	0.01	6.9	181.0	7.3	2.57	2.8	<5	0.04	<0.5	0.43	683	1.21	0.044	15.7	184	63.51	0.12	0.40	1.2	0.2	10.5	<0.02	0.6	0.001	<0.02	0.1	8	<0.1	48.0
10	CRM004	<0.1	0.16	11.8	16.5	0.12	0.13	<0.01	5.1	114.5	13.7	1.77	0.5	35	0.05	1.0	0.02	127	0.42	0.047	11.4	221	7.73	0.08	0.18	2.2	0.2	14.0	0.04	1.7	0.005	0.04	0.2	<2	<0.1	25.4
11	CRM005	0.1	1.76	14.2	50.0	0.40	<0.01	<0.01	10.1	55.5	23.4	4.43	7.0	5	0.18	13.5	1.09	252	0.63	0.065	28.8	274	29.74	0.22	0.24	2.0	0.3	25.0	0.06	6.0	0.001	0.04	0.6	16	<0.1	72.5

**QC DATA:**

Repeat:	1	CRA001	0.1	0.20	22.8	31.5	0.26	<0.01	0.03	4.9	263.5	13.5	0.95	0.5	65	0.07	2.5	<0.01	127	0.78	0.035	15.9	89	5.98	<0.02	1.68	0.7	0.2	12.0	<0.02	1.2	0.005	0.02	0.4	<2	<0.1	21.7
Resplit:	1	CRA001	0.1	0.20	25.4	31.0	0.30	0.01	0.03	4.9	266.0	13.9	0.90	0.5	55	0.07	2.5	<0.01	124	0.78	0.038	17.0	95	6.51	0.02	2.06	0.7	0.2	12.0	0.02	1.3	0.005	0.02	0.4	<2	<0.1	21.7
<b>Standard:</b>	Pb129a	11.8	0.79	5.4	64.0	0.40	0.49	56.18	4.7	11.5	1410.0	1.55	2.2	80	0.11	3.5	0.68	334	1.81	0.049	5.3	421	6247.51	0.88	17.36	0.5	0.2	28.0	0.28	0.7	0.027	0.04	<0.1	16	0.2	>10000	

**Aqua Regia Digest/ICPMS Finish**



**ECO TECH LABORATORY LTD.**  
 Norma Monteith  
 B.C. Certified Assayer

Stewart Group  
**ECO TECH LABORATORY LTD.**  
 10041 Dallas Drive  
**KAMLOOPS, B.C.**  
 V2C 6T4

**ICP CERTIFICATE OF ANALYSIS AW 2010- 8106**

**Cathro Resources Corp**  
 528 Braemar Dr  
**Kamloops, BC**  
 V1S 1H8

Phone: 250-573-5700  
 Fax : 250-573-4557

No. of samples received: 2  
 Sample Type: Soil  
 Project: Cal  
 Submitted by: Mike Cathro


*Values in ppm unless otherwise reported*

Et.#.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	CSA001	0.6	0.1	1.40	6.2	73.5	0.34	0.07	0.08	26.6	22.0	40.2	4.83	3.9	35	0.05	20.5	0.44	1141	0.67	0.042	40.5	639	35.17	0.12	0.52	3.6	0.4	44.5	0.08	5.9	0.004	0.08	1.3	16	0.1	70.6
2	CSD001	2.8	0.1	1.32	11.2	66.0	0.30	0.08	0.17	10.8	25.5	26.7	3.09	4.2	60	0.04	12.5	0.32	741	1.16	0.030	22.1	504	17.26	0.02	0.84	1.6	0.5	11.0	0.04	1.2	0.017	0.08	0.9	40	0.4	64.7

**QC DATA:**

**Standard:**  
 OXE74      590.6   0.1   1.55   1.1   72.0   0.04   0.77   0.03   19.6   53.5   25.1   3.13   5.8   30   0.40   14.0   1.40   452   1.72   0.685   69.6   1001   8.29   <0.02   0.04   1.1   0.2   172.0   0.08   1.9   0.392   0.04   0.6   46   0.2   41.7

**Aqua Regia Digest/ICPMS Finish**

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

NM/sa  
 di/msr6087Aus  
 XLS/10

Eco Tech Laboratory Ltd.  
2953 Shuswap Road  
Kamloops, BC  
V2H 1S9 Canada  
Tel + 1 250 573 5700  
Fax + 1 250 573 4557  
Toll Free + 1 877 573 5755  
www.stewartgroupglobal.com



**StewartGroup**  
Geochemical & Assay

## CERTIFICATE OF ANALYSIS AW 2010- 8108

**Cathro Resources Corp**  
528 Braemar Dr  
**Kamloops, BC**  
V1S 1H8

10-Sep-07

*No. of samples received: 10*  
*Sample Type: Silt*  
**Project: Dotty**  
*Submitted by: Mike Cathro*

<b>ET #.</b>	<b>Tag #</b>	<b>Au (ppb)</b>
1	DLA007	5
2	DLA008	5
3	DLA009	5
4	DLD009	5
5	DLD010	5
6	DLD011	5
7	DLD012	5
8	DLD013	5
9	DLM006	5
10	DLM007	5


**QC DATA:**

**Repeat:**

4	DLD009	5
10	DLM007	10

**Standard:**

OXE74 620

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

NM/sa  
XLS/10

Stewart Group  
 ECO TECH LABORATORY LTD.  
 10041 Dallas Drive  
 KAMLOOPS, B.C.  
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2010- 8108

Cathro Resources Corp  
 528 Braemar Dr  
 Kamloops, BC  
 V1S 1H8

Phone: 250-573-5700  
 Fax : 250-573-4557

No. of samples received: 10  
 Sample Type: Silt  
 Project: Dotty  
 Submitted by: Mike Cathro

Values in ppm unless otherwise reported

Et.#.	Tag #	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
1	DLA007	0.4	1.30	20.1	140.5	0.30	0.22	0.21	8.3	25.5	37.4	3.94	3.9	85	0.03	3.0	0.44	164	2.11	0.044	44.5	825	22.24	0.06	0.64	1.7	2.4	17.5	1.4	0.002	0.04	0.8	38	<0.1	100.3	
2	DLA008	0.3	1.30	18.5	161.0	0.26	0.20	0.38	12.8	24.0	39.2	4.05	3.8	70	0.03	4.0	0.43	561	1.54	0.038	62.6	932	16.29	0.06	0.62	1.9	1.9	19.0	1.3	0.004	0.04	1.3	34	0.1	139.8	
3	DLA009	0.3	1.36	16.0	146.5	0.28	0.24	0.42	12.6	24.0	40.5	3.75	3.8	65	0.02	3.5	0.45	434	1.45	0.038	56.1	901	15.63	0.04	0.60	1.8	1.6	17.5	1.7	0.003	0.04	0.9	36	<0.1	127.7	
4	DLD009	0.3	1.54	17.6	106.0	0.26	0.19	0.63	39.0	24.0	43.2	3.96	3.9	80	0.02	4.5	0.52	940	1.59	0.039	114.9	792	17.33	0.04	0.72	2.3	1.7	16.5	2.6	0.001	0.04	1.2	34	<0.1	238.0	
5	DLD010	0.4	1.62	25.3	116.0	0.32	0.18	2.12	121.6	22.5	71.1	4.80	4.0	100	0.03	6.5	0.41	3034	1.91	0.045	348.3	911	18.87	0.04	0.80	1.9	2.1	22.0	1.9	0.002	0.06	2.4	32	0.1	537.8	
6	DLD011	0.4	1.45	20.2	79.5	0.30	0.20	0.44	32.0	23.5	46.6	3.91	3.6	100	0.02	3.5	0.47	684	1.59	0.038	88.0	805	19.61	0.04	0.78	2.3	2.1	13.5	2.8	0.001	0.04	1.4	32	<0.1	187.9	
7	DLD012	0.2	1.24	13.5	113.0	0.22	0.21	0.38	15.8	20.5	35.1	3.67	3.3	75	0.02	2.5	0.47	484	1.41	0.034	62.3	793	14.04	0.04	0.58	2.2	1.2	14.0	2.6	0.002	0.02	0.9	30	<0.1	151.5	
8	DLD013	0.3	1.36	15.9	138.0	0.26	0.20	0.52	20.7	23.0	41.9	3.95	3.6	80	0.02	3.0	0.49	569	1.65	0.041	72.6	802	14.97	0.04	0.64	2.4	1.4	14.5	3.0	0.002	0.04	1.0	32	<0.1	170.2	
9	DLM006	0.3	1.18	13.1	141.0	0.22	0.22	0.56	12.5	22.0	33.4	3.50	3.3	70	0.02	3.0	0.41	457	1.22	0.036	60.8	765	13.61	0.04	0.50	1.9	1.1	15.5	1.8	0.004	0.02	0.8	32	<0.1	138.4	
10	DLM007	0.4	1.15	16.3	124.5	0.22	0.19	0.42	19.0	20.0	95.7	3.53	3.0	80	0.02	2.5	0.41	464	1.57	0.045	61.8	740	17.54	0.04	0.66	2.0	1.5	13.5	2.3	0.002	0.02	0.9	28	<0.1	143.9	

QC DATA:

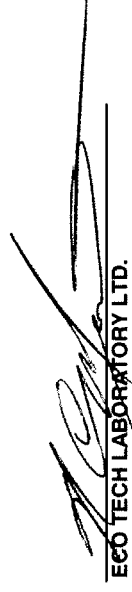
Repeat:

1	DLA007	0.4	1.15	19.9	134.0	0.26	0.21	0.19	7.5	21.0	31.2	3.20	3.3	70	0.02	2.5	0.38	148	1.84	0.038	36.9	775	19.48	0.04	0.54	1.3	1.9	15.0	1.3	0.002	0.04	0.7	32	<0.1	99.0
---	--------	-----	------	------	-------	------	------	------	-----	------	------	------	-----	----	------	-----	------	-----	------	-------	------	-----	-------	------	------	-----	-----	------	-----	-------	------	-----	----	------	------

Standard:

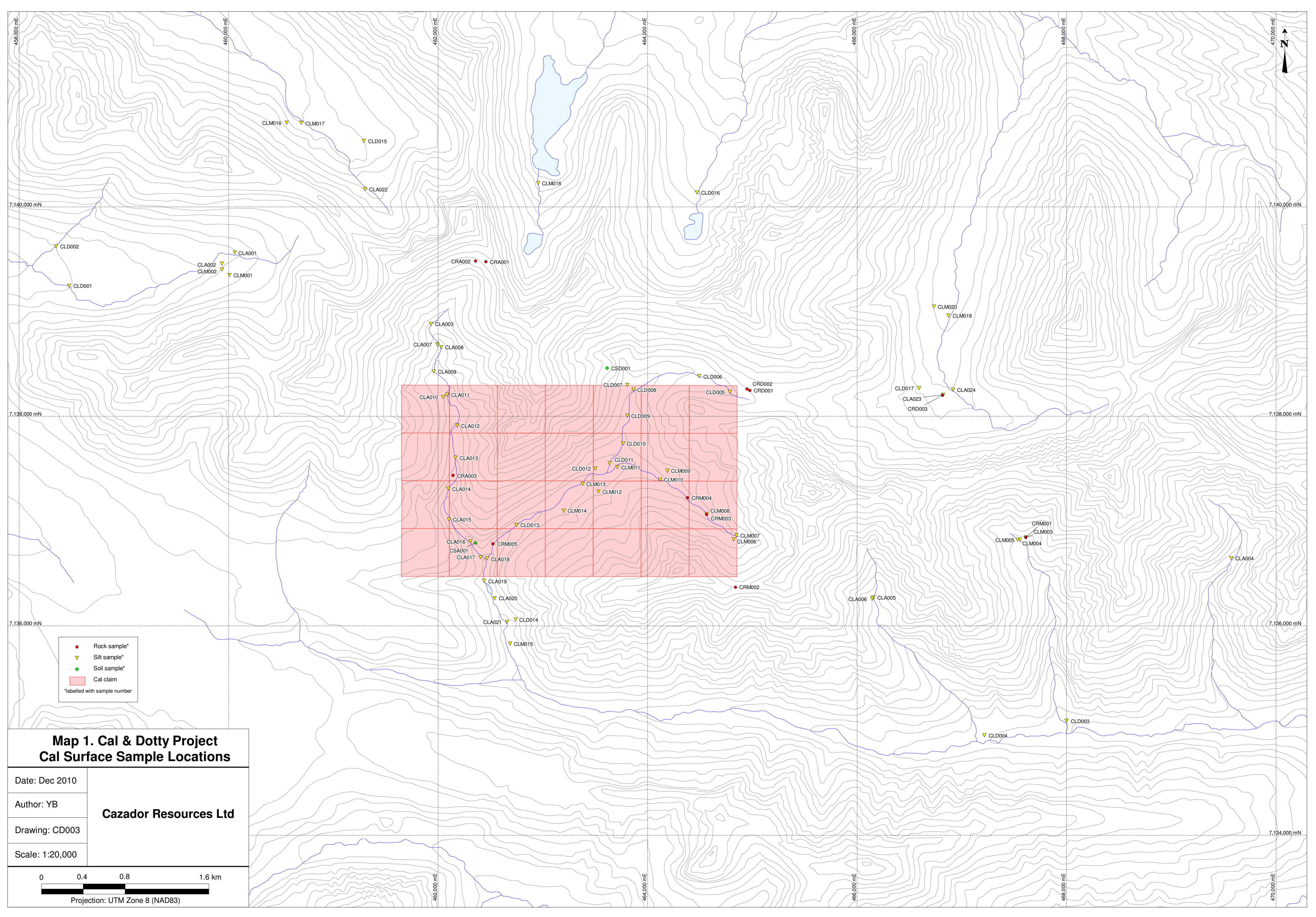
Pb129a		11.7	0.80	5.4	68.0	0.40	0.40	55.71	4.8	11.0	1398.0	1.56	2.2	70	0.11	3.5	0.69	379	1.96	0.040	5.2	431	6112.51	0.70	15.96	0.4	0.2	28.5	0.6	0.027	0.06	<0.1	16	0.2	>10000
--------	--	------	------	-----	------	------	------	-------	-----	------	--------	------	-----	----	------	-----	------	-----	------	-------	-----	-----	---------	------	-------	-----	-----	------	-----	-------	------	------	----	-----	--------

Aqua Regia Digest/ICPMS Finish



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

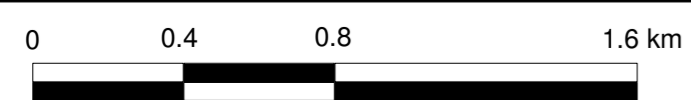




### Map 1. Cal & Dotty Project Cal Surface Sample Locations

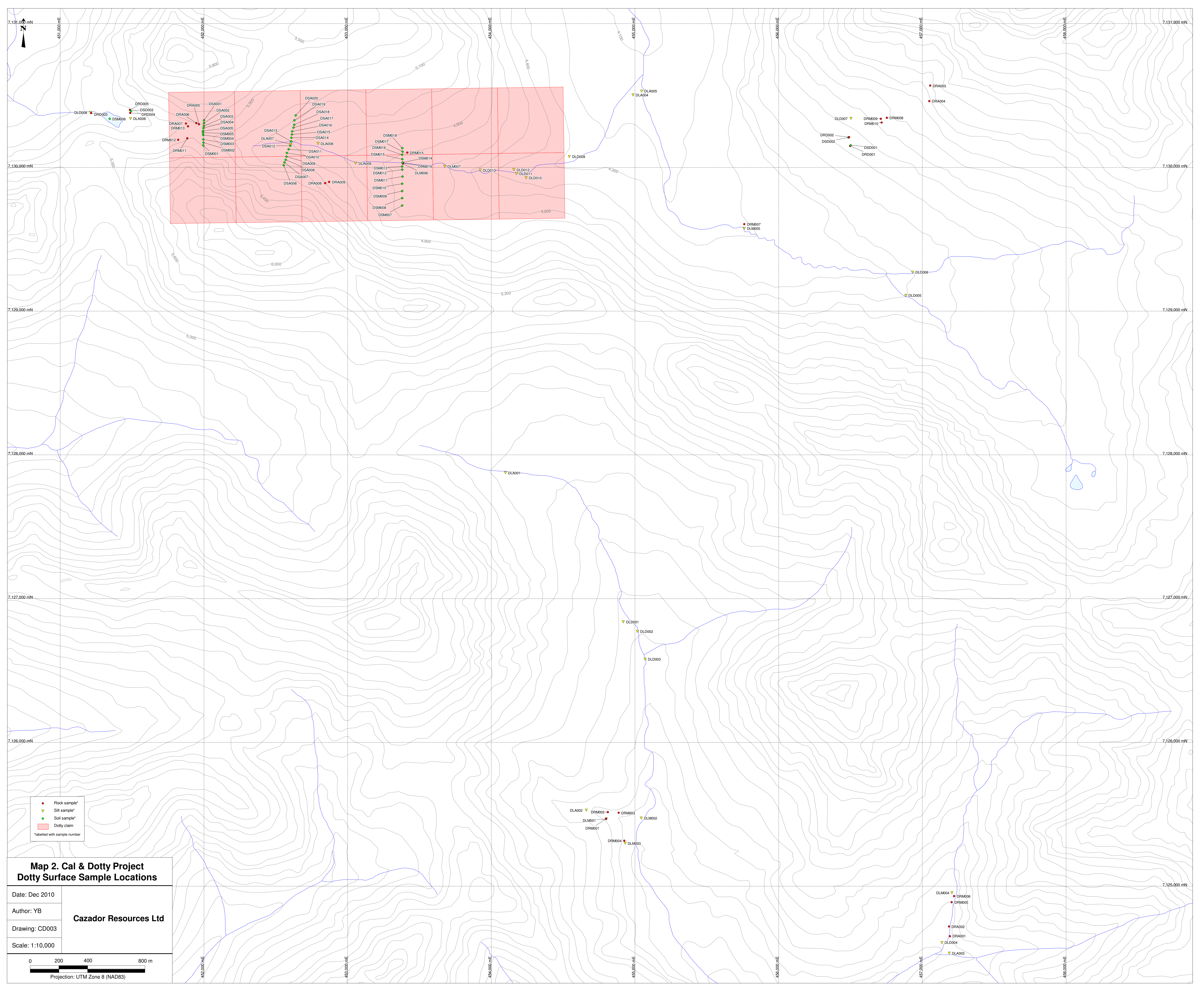
Date: Dec 2010  
 Author: YB  
 Drawing: CD003  
 Scale: 1:20,000

**Cazador Resources Ltd**



Projection: UTM Zone 8 (NAD83)

- Rock sample\*
  - ▼ Silt sample\*
  - ◆ Soil sample\*
  - Cal claim
- \*labelled with sample number



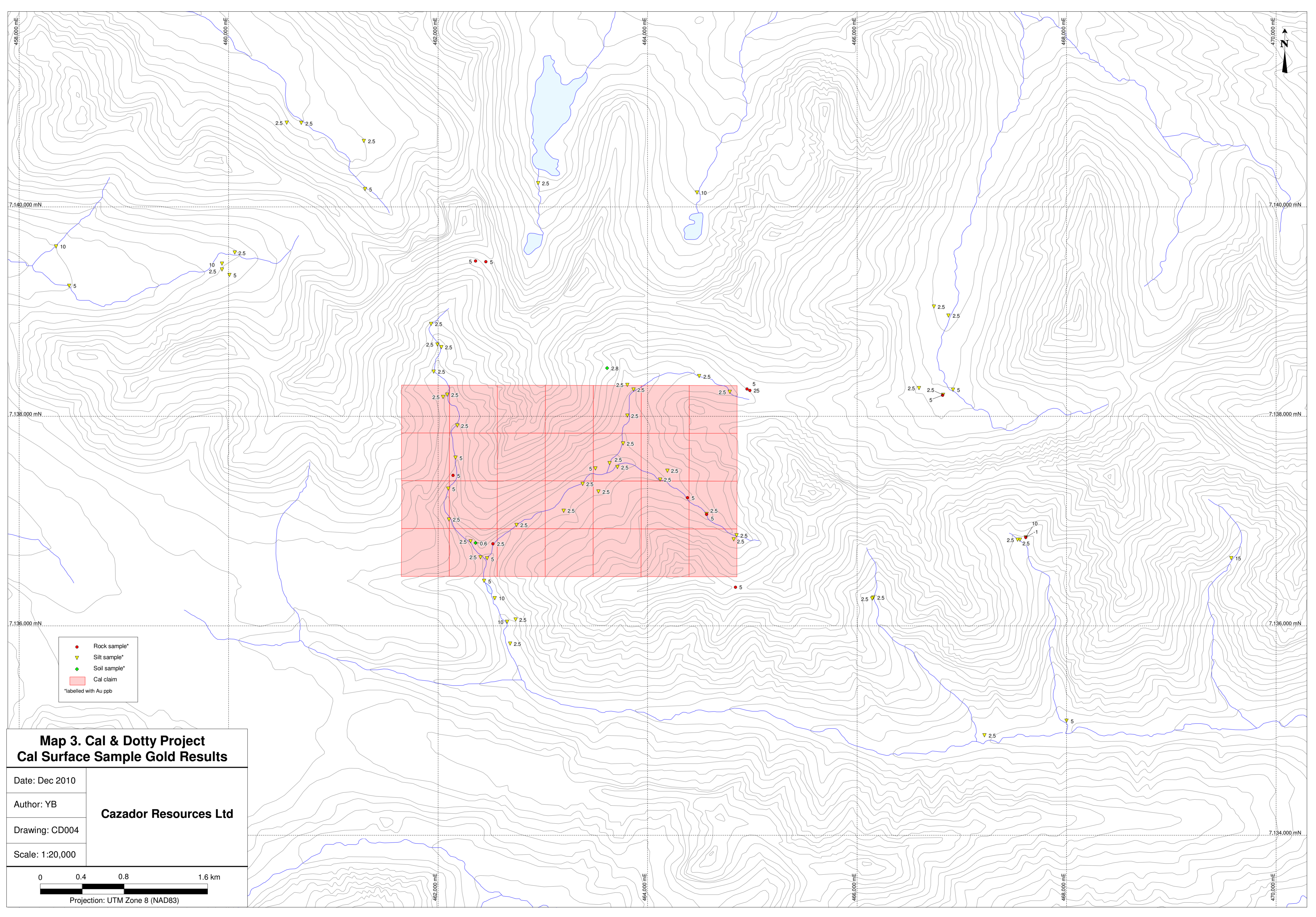
- Rock sample\*
- ▼ Silt sample\*
- ◆ Soil sample\*
- Doty claim

**Map 2. Cal & Dotty Project  
Doty Surface Sample Locations**

Date: Dec 2010	<b>Cazador Resources Ltd</b>
Author: YB	
Drawing: CD003	
Scale: 1:10,000	

0    200    400    800 m

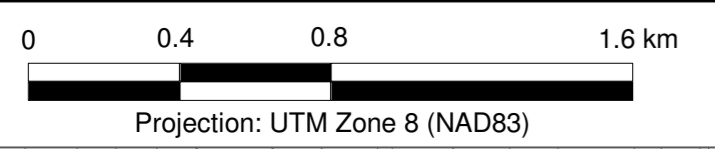
Projection: UTM Zone 8 (NAD83)

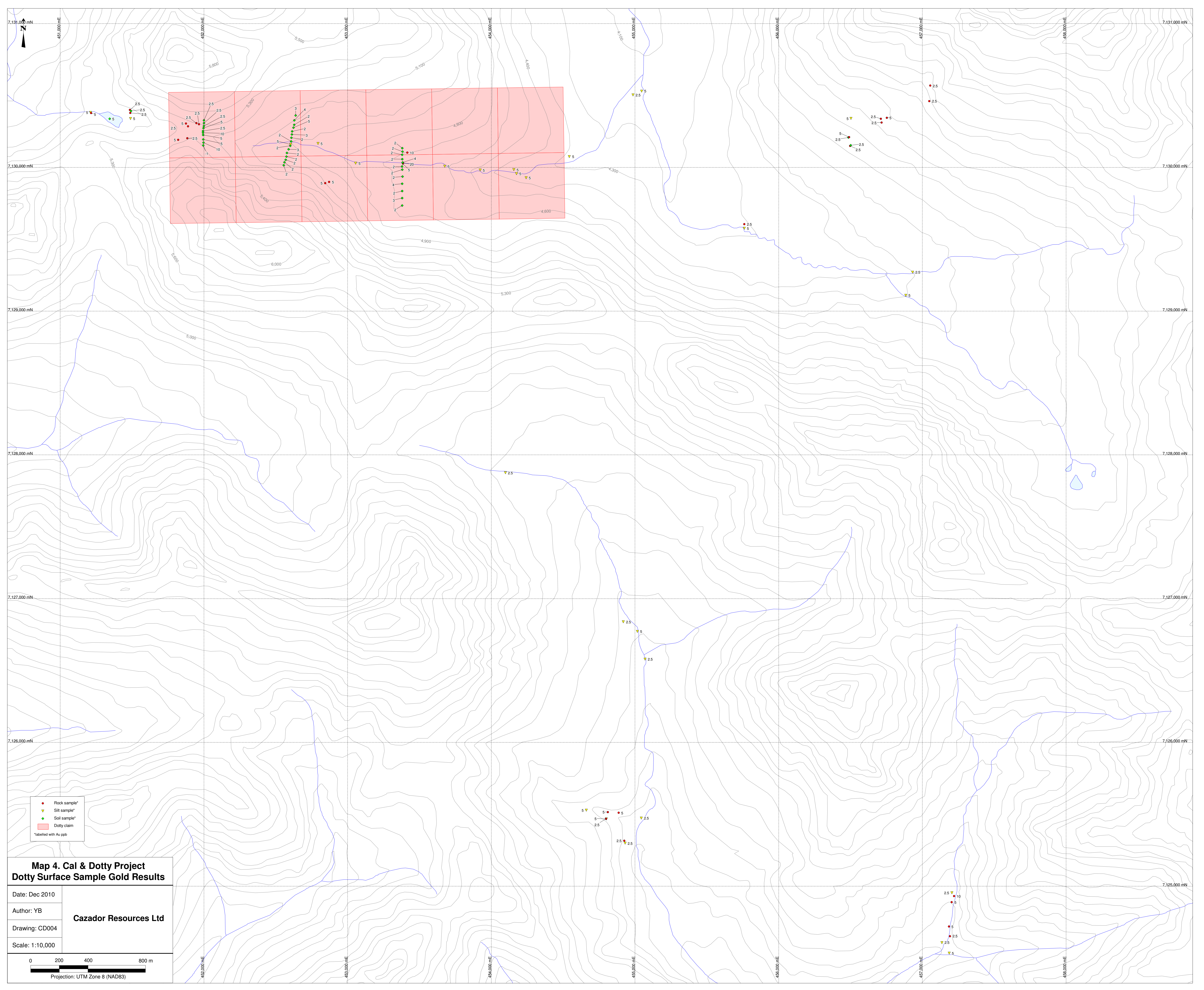


- Rock sample\*
  - ▼ Silt sample\*
  - ◆ Soil sample\*
  - Cal claim
- \*labelled with Au ppb

**Map 3. Cal & Dotty Project  
Cal Surface Sample Gold Results**

Date: Dec 2010	<b>Cazador Resources Ltd</b>
Author: YB	
Drawing: CD004	
Scale: 1:20,000	





- Rock sample\*
  - ▼ Silt sample\*
  - ◆ Soil sample\*
  - Doty claim
- \*labelled with Au gpb

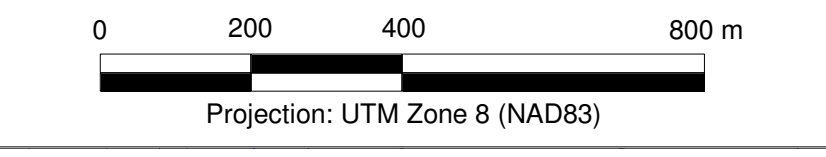
**Map 4. Cal & Dotty Project**  
**Dotty Surface Sample Gold Results**

Date: Dec 2010

Author: YB

Drawing: CD004

Scale: 1:10,000



**Cazador Resources Ltd**