



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT:

2013 PROSPECTING, GEOCHEMICAL, GEOLOGICAL, PHYSICAL WORK.

TOTAL COST: \$ 16,896.83 for Events 5464070 and 5480642

\$ 810.00 Additional Costs outside claim boundary

TOTAL EXPENDITURES: \$17,706.83

AUTHOR(S): **David J. Piggin, RPF, Prospector**

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):

EVENT 5464070 dated August 21, 2013 for the period August 30, 2012 to August 21, 2013.;

and EVENT 5480642 for the period August 22, 2013 to December 10, 2013;

YEAR OF WORK: **2012/2013**

PROPERTY NAME: **BENDGOLD** 8 Mineral Claims = 3,788.6243 hectares

CLAIM NAME(S) (on which work was done):

EVENT 546070:

Tenures **849022, 849042, 849043, 849045, 849046, 850242, 850251, 850258**

EVENT 5480642:

Tenures: **849022, 849042, 849043, 849045, 849046, 850242,**

COMMODITIES SOUGHT: **Au, Ag, Cu, Mo, Pb, Zn, and Rare Earth Elements, Rare Metals.**

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: None on site.

MINING DIVISION: **KAMLOOPS**

NTS / BCGS: **082M032; 082M042; 082M043; (082M033).**

:

LATITUDE: **Lat 51 deg 24' 38" N;**

LONGITUDE: **Long 119 deg 33' 04" W** " (at centre of work)

UTM Zone: **11** EASTING: **322586.176** NORTHING: **5698555.499**

OPERATOR(S) [who paid for the work]:

David J. Piggin, R.P.F. Prospector: 5-2363 DeMamiel Drive, British Columbia, V9Z1K3, Cell: (250) 319-3191.

OWNER [property optioned from]:

David J. Piggin, R.P.F. Prospector: 5-2363 DeMamiel Drive, British Columbia, V9Z1K3, Cell: (250) 319-3191.

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)

Baldy Batholith; Granite Intrusion; Mid-Cretaceous Intrusion; Iron Carbonate Alteration; Gold; Molybdenum; Silver.

Rare Earth Elements, Rare Metals, Pegmatites.

Eagle Bay Assemblage, Devonian-Mississippian; Metasediments;

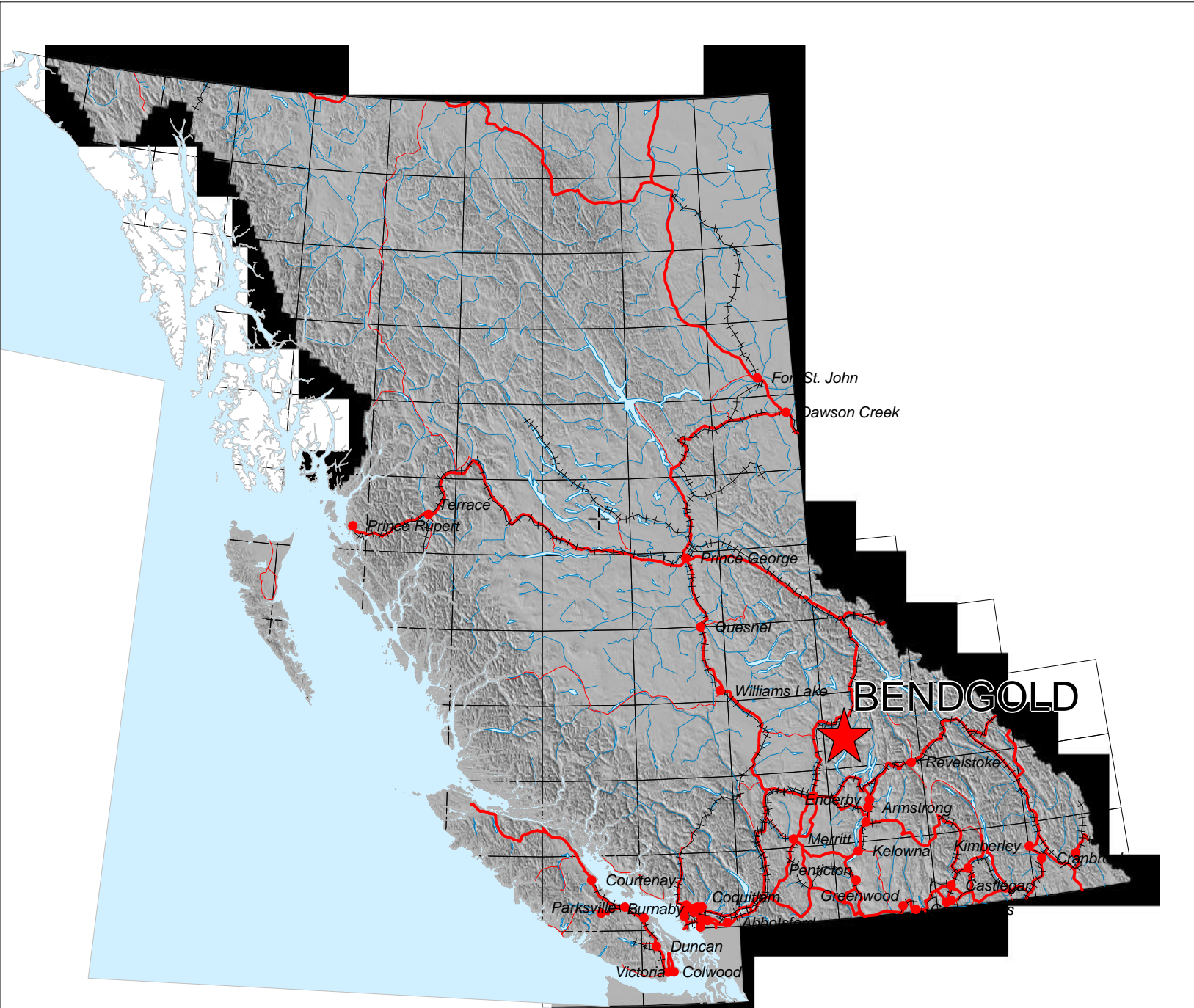
Devonian orthogneiss; paragneiss; Limestone.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

05929, 06792, 29615, 33216

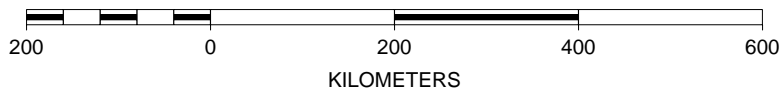
TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			\$ 900.00
PHOTO INTERPRETION, database, research.			\$ 1,000.00
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	5		\$ 214.47
Silt	5 moss mats and 5 stream sediments	10	\$ 588.92
Rock	11 assayed including 6 for RM and REE	11	\$ 505.25
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			\$ 7,200.00
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)	3,788.6243 hectares		\$ 7,048.19
PREPARATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)	Hand 1.5m x 0.4m x 1.5 m		250.00
Underground development (metres)			
Other			
		TOTAL COST	\$ \$ 17,706.83

BENDGOLD Overview



Map Center: 54.4781N 124.7082W

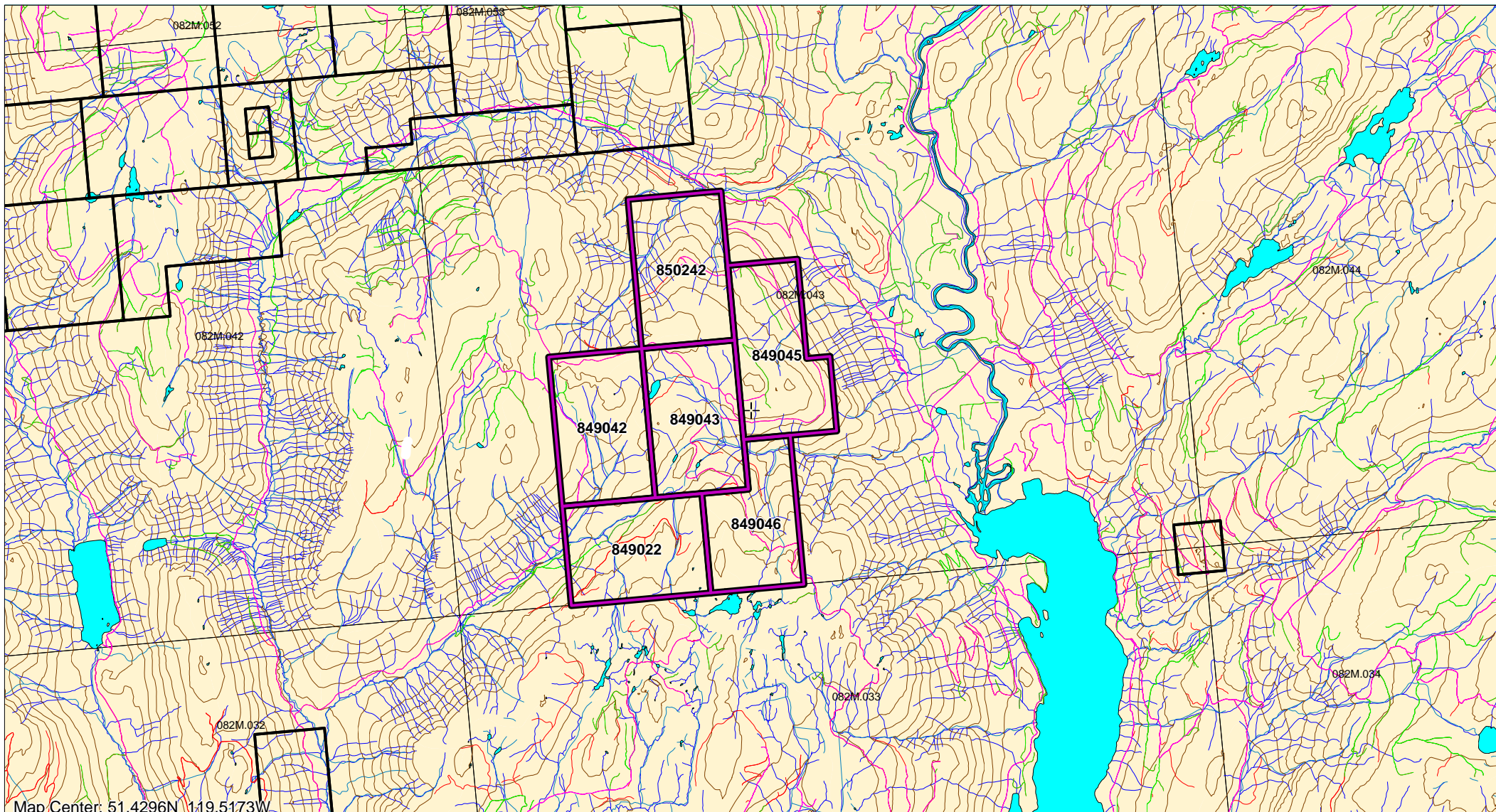
SCALE 1 : 8,205,468



BC Geological Survey
Assessment Report
34324

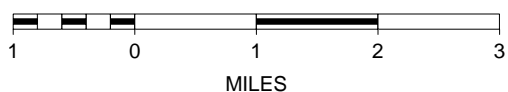


BENDGOLD Claims: Overview

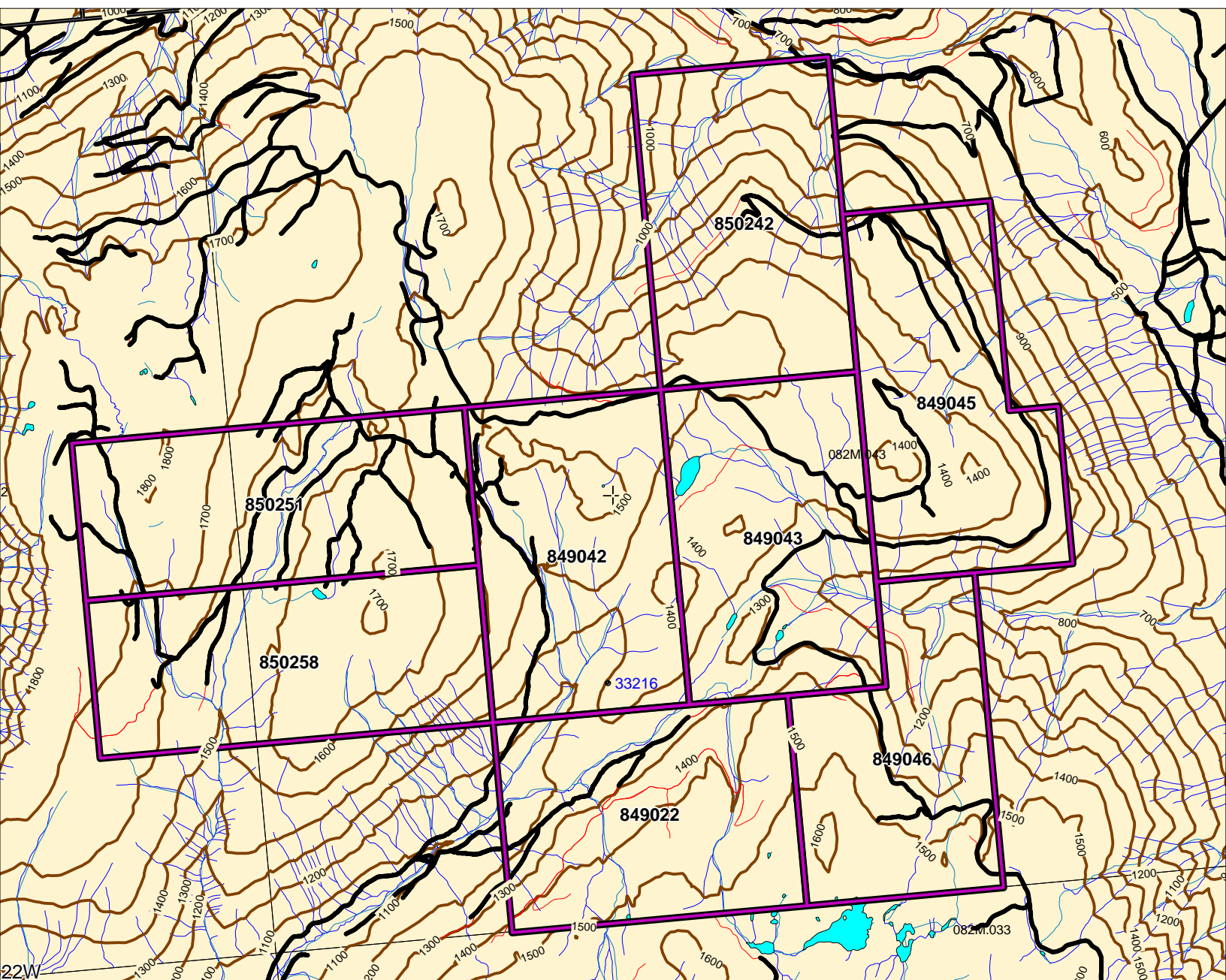


Map Center: 51.4296N 119.5173W

SCALE 1 : 100,000



BENDGOLD: OVERVIEW OF TENURES, ROADS, AND CONTOURS



SCALE 1 : 50,000





Mineral Titles Online Report

Click on Tenure Numbers for more information.

Click column headings to sort results.

[Download to Excel](#)

Tenure Number	Type	Claim Name	Good Until	Area (ha)
849022	Mineral	BEND1	20130822	483.8724
849042	Mineral	BEND2	20130822	483.6524
849043	Mineral	BEND3	20130822	483.6519
849045	Mineral	BEND4	20130822	483.5538
849046	Mineral	BEND5	20130822	403.2039
850242	Mineral	BEND7	20130822	483.3905
850251	Mineral	BEND13	20130822	483.5845
850258	Mineral	BEND16	20130822	483.7149

Total Area: 3788.6243 ha

[LIBC Metadata](#)

[Mineral Title Online](#)

[BC Geological Survey](#)

[British Columbia Ministry of Energy, Mines and Natural Gas](#)

Last updated in April 2007

2012/2013 PROSPECTING, GEOCHEMICAL, GEOLOGICAL, AND PHYSICAL WORK

BENDGOLD CLAIMS: Au Mo (Ag Pb) with RM + REE

Rare Metals (RM) and Rare Earth Elements (REE)

RM and REE are defined in accordance with Open File 2010-10 Pages 1-2 (Simandl and Lefebure 2010) as follows:

RM = Nb, Ta, Li, Ga, Ge, Be, Zr, Hf; REE = Lanthanides plus Y, Sc.

KAMLOOPS MINING DIVISION, BRITISH COLUMBIA

8 Mineral Claims = 3,788.6243 hectares

Map Sheets: 082M032; 082M042; 082M043, (082M033)

Lat 51 deg 24' 38" N; and Long 119 deg 33' 04" W

UTM NAD 83: Zone 11 Easterly 322586.176 Northerly 5698555.499

Geographic Location: 91 kilometres NE of Kamloops, British Columbia, Canada;
and within Bendelin Creek and Fisher Creek. In general terms, North of Honeymoon Creek; East of Fennell Creek;
South of Gollen Creek; and West of the North End of Adams Lake.

EVENTS 5464070 and 5480642

Event No.	Date	Dates/Tenure Numbers	Area (hectares)	Total Value of Work(\$)	PAC Account (\$)	Total Applied Work (\$)
5464070	August 21, 2013	August 30, 2012 to August 21, 2013 849022, 849042, 849043, 849045, 849046, 850242, 850251, 850258	3,788.6243	\$ 7,466.84	\$ 3,200.08	\$ 10,666.92
5480642	December 12, 2013	August 22, 2013 to December 10, 2013 849022, 849042, 849043, 849045, 849046, 850242	2,821.3249	\$ 6,229.91	(\$3,908.56)	\$2,321.35
		ASSESSMENT REPORT SUMMARY	Total Area 3,788.6243	\$13,696.75	\$	\$ 12,988.27
TOTAL AMOUNT OF WORK BEFORE PAC CREDIT OF \$ 3,908.56 >>>			\$16,896.83			
TOTAL EXPENDITURES OUTSIDE CLAIM BOUNDARY			\$810.00	<u>ALL Expenditures \$ 17,706.83</u>		

PREPARED BY:

David J. Piggin, R.P.F.

PROSPECTOR, OWNER, Free Miner 140689,

5-2363 DeMamiel Drive, Sooke, British Columbia, V9Z 1K3

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SUMMARY

The BENDGOLD claims were explored by David J. Piggan from August 29, 2012 to December 10, 2013 as per Events 5464070 and 5480642. The claims were located 91 km NE of Kamloops, B.C.; and about 65 km east of Barriere. The claims are situated north of Honeymoon Creek; east of Fennell Creek; south of Gollen Creek; and west of the north end of Adams Lake. The majority of the 2012/2013 exploration work was completed in the Bendelin Creek and Fisher Creek area, and was based on assessment reports such as ARIS Report 33216, and published works such as:

- Rock: Open File 2000-7, Logan and Mann April 2000 - Sample 99JLO-2-18-2: Au 6430 ppb, Bi 562 ppm, Cu 900 ppm.
 - RGS Survey and Open File 2000-23, Lett et al April 2000 – Stream Sediment up to 72 ppb, Moss Mat up to 92 ppb.
 - Till: Open File 1997-9, Bobrowsky et al 1997 –Anomalous Mo up to 35 ppm; and anomalous Rare Metal (RM) plus Rare Earth Element (REE) till samples up to 1,539.3 ppm (e.g. RM = Nb, Ta, Li, Ga, Ge, Be, Zr, Hf; and REE = Lanthanides + Y, Sc).
- Based on Open File 2010-10 (Simandl and Lefebure, 2010 pages 1-2) and expert advice (George Simandl pers. com 2011), soil samples with an accumulated sum (RM in ppm +REE in ppm) of 500 ppm or are anomalous; and further investigation is warranted. All till samples from Open File 1997-9, within BENDGOLD, exceeded 500 ppm for RM+REE and are anomalous.

EXPLORATION WORK COMPLETED: The following is a brief summary of the works completed on 3,788.6243 hectares:

- Total Work Expenditures: \$16,896.83. Total Value of Work: \$13,696.75. Total Applied Work Value: \$12,988.27. PAC Account withdrawal \$3,200.08 Event 5464070. PAC Account Credit \$ 3,908.56 Event 5480642. Including \$810.00 from work outside the claim boundary - ALL EXPENDITURES = \$ 17,706.83.
- 11 rock samples were collected and assayed. 6 of these samples were assayed for rare earths..
- 5 soil samples, 5 stream sediment and 5 moss mat samples collected and assayed.
- One hand trench was made 1.5m x 0.5m x 0.4m.
- Work continued on a historic and current database; and general and specific research was conducted.
- A number of outcrops, streams, geological features, and infrastructure were recorded for future exploration.

RESULTS: Tenure 849022, in Bendelin Creek, is anomalous for Au Mo. Tenures 849043 and 849046, in Fisher Creek, are anomalous for Ag Mo Pb and Y; and also Au based on Open File 2000-23 at Au 26 ppb.

The following is a brief summary of assay results for selected samples, and for selected elements:

Rock Samples: The most notable results from this report were taken from the BENDGOLD pegmatite dike:

BG11QPG3: Mo 0.73 percent; and 10E41586_BG12QPG22: Mo 24.9 ppm

NOTE: Previous results (ARIS 33216) from this pegmatite dike were as follows:

10E41572 BG11QPGFT5: Cs 12.4 ppm; Mo 2570 ppm; Nb 88.2 ppm; Rb 553 ppm and BG11QPG2: Mo 17.7 ppm.

Soil Samples: No new Au Mo soil anomalies were reported in this investigation.

NOTE: Previous results (ARIS 33216) from soil samples were, in part, as follows:

10E41366 BGF00T5: Ag 0.86 ppm. 10E41353 BG11T3: Ag 0.77 ppm; Mo 3.95 ppm; Pb 32.4 ppm; Sn 1.3 ppm; Y 61.90 ppm.

Stream Sediment Samples: No new significant moss mat and/or stream sediment samples were observed except for 10E41578_BG12MM15: Ag 0.27 ppm; Mo 3.98 ppm; Pb 14.9 ppm and 10E41073_BG13MM1: Mo 4.91 ppm.

NOTE: Previous results (ARIS 33216) from stream samples identified a number of Mo and Ag Mo Pb anomalies as follows:

Stream Sediments: 10E41383 BG11SS9: Mo 14.10 ppm. 10E41371 BG11SS3: Mo 8.72 ppm. 10E41373 BG11SS4:

Ce 101.50 ppm; Mo 6.68 ppm; W 2.37 ppm. **Moss Mats:** 10E41382 BG11MM9: Ag 0.474 ppm; Ce 87.6 ppm, Mo 17.55

ppm; Pb 14.1 ppm; U 101.5 ppm. 10E41374 BG11MM5: Ag 0.41 ppm; Mo 13.4 ppm; Pb 15.85 ppm. 10E41378 BG11MM7: Mo 6.87 ppm; Pb 24.90 ppm; Y 33.2 ppm.

RECOMMENDED EXPLORATION: Based on this investigation, ARIS Report 33216, and previously published work further exploration work is required as follows: Prospecting; soil, stream, and outcrop sampling and mapping; geological mapping; airborne and ground geophysical surveys and related mapping; trenching; and drilling as well as First Nations consultation.

Specific Exploration Objectives: A five year program of \$1,000,000 is recommended, commencing in 2014 and 2015.

- Determine the source of Au, Mo, Ag Mo Pb, RM+REE anomalies within Bendelin Creek and Fisher Creek.
- Improve access into the south side of Bendelin Creek by brushing the road for 4x4 access.
- Determine the source of the pervasive Au; Mo; Mo Ag Pb; RM+REE anomalies in regional soils and stream sediments.
- Map previously unmapped paragneiss (Dgnp) and limestone (EBt) within the Baldy Batholith.
- Locate, map, describe, and sample the numerous pegmatite dikes; and to locate the source of the pegmatitic fluids by mapping the strike and dip, alteration, and textures (e.g. porphyritic textures).
- Assess the potential for Mo (Ag Pb) or Mo Au porphyry deposit in this portion of the intrusion.

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ILLUSTRATION #2: TILL SAMPLE LOCATIONS: Excerpt from OPEN FILE 1997-9 (Bobrowsky et al April 1997). Map showing the Till Sample locations for the assay results shown on previous pages. Page 16

ILLUSTRATION # 3: Map excerpt directly from Figure 4 of Schiarizza and Preto Dec 1987 showing the geology and faults in the vicinity of North Barriere Lake, East Barriere Lake, Adams Lake (estimated scale <1:100,000). Page 18

ILLUSTRATION # 4: Map excerpt directly from OPEN FILE 2000-7 Logan and Mann April 2000 showing the geology and faults in the vicinity of North Barriere Lake, East Barriere Lake, Adams Lake (estimated scale <1:100,000).. Page 19

ILLUSTRATION #5: View of pegmatite dike in Bendelin Creek looking in easterly direction (and slightly uphill) across the strike. Believed to be the location of Sample 99JLO-2-18-2: Au 6430 ppb, Bi 562 ppm, Cu 900 ppm (Zone 11, 322634E and 5698509N) and is situated in a "mus-bio-kspar-qtz pegmatite" within Tenure 850247. This Au Bi Cu discovery was made by Jim Logan (BCGS Geologist) and described in Open File 2000-7 (Logan and Richard Mann 2000). The quartz pegmatite dyke is 3 metres wide (white-ish in foreground)and in a granitic host (gray-ish behind Judy Burr - 165 cm tall) and was re-located by David J. Pigg and Judy September 29, 2011. (IMG_0545.JPG). 2012/2013 assay results for BG11QPG3 indicate up to Mo 0.73 percent in Certificate VAN12001917A.1 Page 24

ILLUSTRATION #6: View of pegmatite dike in Bendelin Creek looking in southerly direction (and steeply uphill) along the strike. Same location as Illustration #5 above. (IMG_0544 BENDGOLD.jpg) Page 24

ILLUSTRATION #7: Sample BG11QPG3 taken from BENDGOLD pegmatite with Mo >2000 ppm. This sample was re-assayed in 2012/2013 and returned Mo 0.73 percent. Note the smokey grey quartz within the pegmatitic matrix (IMG_1024 BG11QPG3). Page 25

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ILLUSTRATION #12: David J. Pigg prospecting on Tenure 849022. Collecting a stream sediment 10E41075 BG13SS1 and moss mat 10E41073 BG13MM1 sample (shown above) from the headwaters of Bendelin Creek. (IMG_1572.JPG). Page 29

ILLUSTRATION #13: Judy Burr prospecting on the road to BENDGOLD PEGMATITE . The road is brushed in with alder, willow, aspen and cottonwood. The walk into the BENDGOLD PEGMATITE is 3.2 km. (IMG_1570.JPG).. Page 31

LIST OF APPENDICIES

MAPS, GEOLOGICAL REPORTS, SPREADSHEETS, ANALYTICAL AND ASSAY CERTIFICATES

- A. MINERAL TENURE ONLINE – OVERVIEW MAP and REPORT AREA** in red outline (1:105,077) for the BENDGOLD claims.
- B. ARIS: 6 OVERVIEW AND DETAILED MAPS SHOWING TENURES, CONTOURS, MINFILE LOCATIONS, AND ROADS:**
- BENDGOLD ARIS MAP: Overview (1:50,000) with Tenures, Roads, and Contours.
 - BENDGOLD ARIS MAP: Overview (1:50,000).with DEM Hillshade enhancement.
 - BENDGOLD ARIS MAP: Detail West - TENURE 849042, 850251, 850258, (1:20,000) contours and roads.
 - BENDGOLD ARIS MAP: Detail South - TENURE 843022, 849046 (1:20,000) showing contours and roads.
 - BENDGOLD ARIS MAP: Detail East - TENURE 849045 (1:20,000) contours and roads.
 - BENDGOLD ARIS MAP: Detail North - TENURE 850242 (1:20,000) contours and roads.
- C. BIOGEOCLIMATIC SUB-ZONES** within the BENDGOLD claims on an Orthographic Map (scale 1:50,000).
- D. OVERVIEW LOCATION FOR SELECTED HISTORIC MINES AND DEPOSITS** in the vicinity of the BENDGOLD claims and Kamloops, B. C. (Mineral Tenures Online - 1:876,087)
- E. OVERVIEW GEOLOGY** on an Orthographic Map. Geology is based on GeoFile 2005-4, and Open File 2000-7.
- BENDGOLD GEOLOGY MAP: OVERVIEW (1:65,000).
- F. OVERVIEW OF SAMPLING, AND PROSPECTING** on an Orthographic Map. (Scale 1: 50,000)
- G. DETAILED LIST OF ALL SAMPLES, GPS (UTM NAD83) COORDINATES, ASSAY CERTIFICATES, ANOMALOUS RESULTS, GEOLOGY, INFRASTRUCTURE WAYPOINTS in a SPREADSHEET** (5 pages). Includes a sample summary, sample type, description, and elevation.
- H. MAPS OF ALL SAMPLES LOCATIONS INCLUDING ANOMALOUS RESULTS FOR ROCK, SOIL, STREAM SEDIMENTS, MOSS MATS:**
- BENDGOLD: Overview of Sample Tags, Outcrops, and Trench Locations (1:40,000).
 - BENDGOLD: Detail of Sample Tags, Outcrops, and Trench Locations (1:20,000).
 - BENDGOLD: Detail of Sample Tags, Outcrops, and Trench Locations, and samples outside claims (1:20,000).
 - BENDGOLD: Detail of Anomalous Samples (1:20,000).
 - BENDGOLD: Detail of Anomalous Samples, and samples outside claims (1:20,000).
 - BENDGOLD: Detail of Sample Tags, Anomalies, Outcrops, Hand Trenches ANSI D 34x22 (1:20,000; 1:10,000)
- I. ASSAY CERTIFICATES FOR ALS MINERALS: ALS Minerals – including ANALYTICAL PROCEDURES REPORT:**
- (a) BENDGOLD: Certificate KL13064018 with 6 rock samples – April 15, 2013.
 - (b) BENDGOLD: Certificate KL13064019 with 3 moss mat samples – April 15, 2013.
 - (c) BENDGOLD: Certificate KL13068230 with 3 stream sediment samples – April 15, 2013.
 - (d) BENDGOLD: Certificate KL13068231 with 5 soil samples – April 15, 2013.
 - (e) BENDGOLD: Certificate KL13184935 with 2 moss mat samples Au-ST43 only – Oct 10, 2013.
 - (f) BENDGOLD: Certificate KL13184936 with 2 stream sediment samples Au-ST43 only – Oct 10, 2013.
 - (g) BENDGOLD: Certificate KL13199948 with 2 moss mat samples – ME-MS41 – November 19, 2013
 - (h) BENDGOLD: Certificate KL13184936 with 2 stream sediment samples – ME-MS41 – November 22, 2013
- J. ASSAY CERTIFICATES FOR ACME LABS, - ACME ANALYTICAL LABORATORIES LTD.**
- Paid by David J. Piggis: Golden Ridge Resources Ltd, 110 – 2300 Carrington Road, West Kelowna, BC, V2T 2N6.
- (a) BENDGOLD: Certificate VAN12001917A.1 – September 5, 2012.
 - (b) BENDGOLD: Certificate VAN12001917.1 – April 30, 2012 submitted previously in ARIS Report 33216.

I - INTRODUCTION:

The purpose of this report is to provide a summary of the exploration work completed by David James Piggin on the BENDGOLD claims from August 29, 2012 to December 10, 2013 (Events 5464070 and 5480642). The total exploration expenditures were \$16,896.83, but when you include \$810.00 for work outside the claim boundary the total is \$ 17,706.83.

- EVENT 5464070 for the period August 29, 2012 and August 21, 2013. The Total Value of Work Applied was \$ 10,666.92 including \$ 3,200.08 from PAC withdrawal.
Tenures: 849022, 849042, 849043, 849045, 849046, 850242, 850251, and 850258.
- EVENT 5480642 for the period August 22, 2013 and December 10, 2013. The Total Value of Work Applied was \$2,321.35 with a PAC Credit of \$3,908.56.).
Tenures: 849022, 849042, 849043, 849045, 849046, and 850242.

There were 8 claims for a total area 3,788.6243 hectares. A MTOonline map showing the assessment report area is given in APPENDIX A. The mineral titles included in this assessment report are as follows: 849022, 849042, 849043, 849045, 849046, 850242, 850251, and 850258.

The BENDGOLD claims were located 91 km NE of Kamloops, B.C.; and about 65 km east of Barriere. The claims are situated in Bendelin Creek and Fisher Creek; and they are north of Honeymoon Creek; east of Fennell Creek; south of Gollen Creek; and west of the north end of Adams Lake.. In general terms, the arterial access roads are as follows:

- Leaving Barriere: travel the Barriere Lakes Public Road (PR), then North Barriere PR, North Barriere Forest Service Road (FSR), Gollen FSR, Bendelin FSR, (or Fisher FSR, or Swale FSR). These roads access the west, north, northeast, and southwest areas of BENDGOLD.
- An alternate access to the southeast is from the Adams West FSR via the Honeymoon North FSR which eventually connects to the Fisher FSR given above. The Adams West FSR is located 20 km east of Barriere on the Agate Bay PR.
- Another alternate route from the southeast is from the Adams West FSR via the Gollen FSR then at 3.5 km turn right on the Fisher FSR given above.

In March 2011, the BENDGOLD claims were staked by David J. Piggin of Kamloops, British Columbia as a result of:

- A review of Open File 2000-7: *Geology & Mineralization around Baldy Batholith, Southcentral BC. Map Scale 1:50 000. NTS 82M/3, 4, 5 & 6.* B.C. Ministry of Energy and Mines. (Logan and Mann April 2000).
- A review of the regional soil geochemistry data presented in OPEN FILE 1997-9 titled "*Till Geochemistry of the Adams Plateau-North Barriere Lake area (82M/4 and 5)*" (P. Bobrowsky et al 1997). This report presented data showing a number of anomalous soil samples (first order >90 percentile) for rare metals (RM) and rare earth elements (REE).
- Open File 2010-10 (Simandl and Lefebure 2010) and expert advice (George Simandl pers. com 2011) received at a Kamloops Exploration Group training course held in Kamloops in April 2011.

Precious metals (i.e. Au) and base metals (i.e. Mo) are always a priority for prospecting; but this area was also staked due to the presence of anomalous RM and REE in soil geochemistry data. For the purpose of this report, RM and REE are defined in accordance with Open File 2010-10 (pages 1-2) as follows:

- **RM = Nb, Ta, Li, Ga, Ge, Be, Zr, Hf;**
- **REE = Lanthanides plus Y, Sc.**

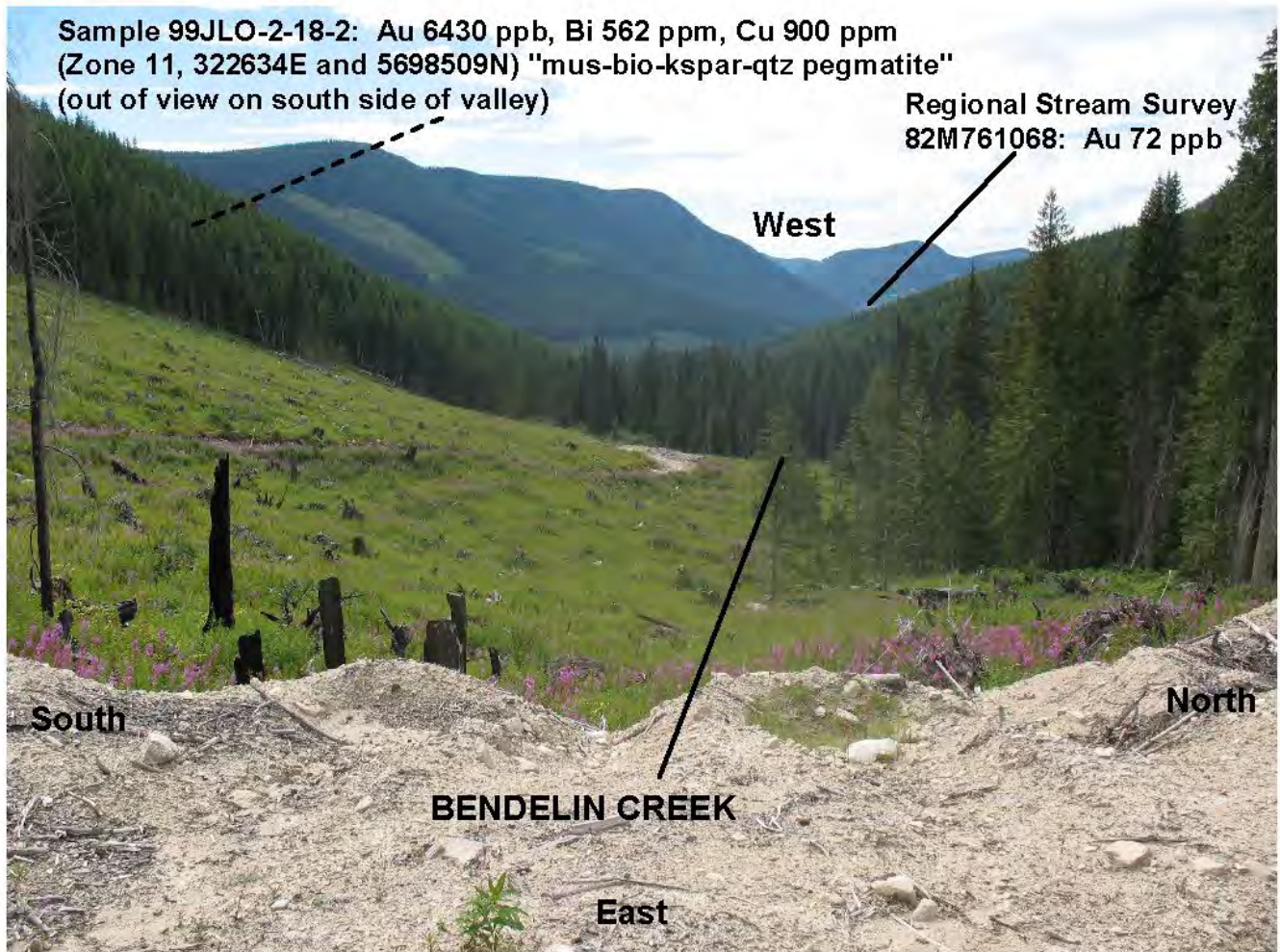
Based on Open File 2010-10 and expert advice (George Simandl pers. com 2011), soil samples with an accumulated sum (RM in ppm +REE in ppm) of 500 ppm or more should be considered anomalous for RMs and REEs; and that further investigation

may be warranted. In reviewing the regional till data numerous samples exceeded 500 ppm. In addition, he indicated soil samples which return a value for Y which is greater than or equal to 50 ppm are anomalous, and require further investigation.

The primary objectives of the 2011 exploration program were as follows:

- (a) Confirm the published geological and geochemical survey results, and create a database.
- (b) Collect and assay prospecting soil, stream sediment, moss mat, and rock samples.
- (c) Prospect for precious metals, RM, REE, map outcrop locations, sample and assay float rock, as well as outcrops.
- (d) Identify pegmatites and sample to assess the potential for a porphyry deposit.
- (e) Locate any historic workings and conduct a review of historic reports, publications and Open Files.
- (f) Report assay results from moss mats, stream sediments, float rock, channel samples and outcrops.
- (g) Prospect, collect, and report new data using grassroots and hand exploration techniques.
- (h) Propose new explorations works for the 2012 and beyond.
- (i) Contact, listen, liaise, and communicate with First Nations representatives.
- (j) Contact and liaise with Regional Geologist and geological survey staff; and learn to prospect for RM and REE.

ILLUSTRATION #1: Landscape view of Bendelin Creek looking down stream in an westerly direction. Regional Stream Survey at the mouth of Bendelin Creek was anomalous for Gold - 82M761068: Au 72 ppb. On the south east slope and within Tenure 850247, a Au Bi Cu discovery was made by Jim Logan (BCGS Geologist) and described in Open File 2000-7 (Logan and Richard Mann 2000). **Sample 99JLO-2-18-2: Au 6430 ppb, Bi 562 ppm, Cu 900 ppm** (Zone 11, 322634E and 5698509N) and is situated in a "mus-bio-kspars-qtz pegmatite". This quartz pegmatite dyke is 3 metres wide and in a granitic host and was re-located by David J. Piggin in late 2011. (IMG_3906 text.JPG).



LOCATION, ACCESS, INFRASTRUCTURE, FACILITIES:

The City of Kamloops is located at the junction of the Trans Canada Highway (Hwy), Yellowhead Hwy (No. 5), Coquihalla Hwy, and Highway 97 which is the confluence of the South Thompson and North Thompson Rivers. The Village of Barriere is located 80 km north of Kamloops on the Yellowhead Hwy and is the nearest community to the BENDGOLD Claims. The Barriere Lakes PR from Barriere was used to access the BENDGOLD claims (See maps in APPENDIX).

WESTERLY APPROACH: Leaving Barriere travel east on the Barriere Lakes PR (paved) for 20 km; then turn left onto the North Barriere PR (gravel) and continue onto the North Barriere Lake FSR (gravel). At 25.5 km on the North Barriere FSR stay straight into the Fennell Creek valley then as follows:

- Travel on the North Barriere Lake FSR to approximately 34 km (UTM Zone 11. 315876.341E. 5695976.109N. elevation 883.330 metres) turning right on the Bendelin FSR. This is the main access route to the west side of the claims.
- Travel on the North Barriere Lake FSR to up the Fennell Creek valley until the road connects with the Gollen FSR (Gollen Creek). At 3.5 km on the Gollen FSR (UTM Zone 11. 326391.933E. 5703798.966N. elevation 632.909 metres) turn right on the Fisher FSR and you are in the BENDGOLD claims. This access route travels all through the northwest, north, northeast, east and south east portions of the claims; and connects to the Honeymoon North FSR. The Honeymoon North FSR connects to the Adams West FSR on Adams Lake.
- Travel on the North Barriere Lake FSR to up the Fennell Creek valley until the road connects with the Swale FSR (about 32 km) (UTM Zone 11. 315493.100E. 5692738.075N. elevation 830.939 metres). Travel on the Swale FSR into the southwest and south portion of the BENDGOLD claims.

SOUTHERLY APPROACH: Leaving Barriere (southwest route): Travel south from Barriere (paved) to the HWY 97 and Agate Bay Public Road (PR) junction (i.e. 2 km). Then travel on the Agate Bay PR for 20 km to the junction with the Adams West FSR (gravel). This junction is at 18 km on the Adams West FSR. Turning left travel north up the Adams West Forest Service Road (FSR) from 18 Km until 54 km and turn left on the Honeymoon North FSR. Follow the Honeymoon North FSR across Honeymoon Creek until you get to the south boundary of BENDGOLD. This road connects to the Fisher FSR mentioned above.

Another alternate route from the southeast is from the Adams West FSR via the Gollen FSR (about 70km sign) then at 3.5 km turn right on the Fisher FSR given above.

PROPERTY STATUS:

The property is in good standing and is 100 percent owned by David J. Piggin, R.P.F., Prospector (Free Miner 140689) 91-137 McGill Road, Kamloops, British Columbia, V2C 1L9, cell 250-319-3191

PHYSIOGRAPHY AND CLIMATE:

The property is located within the Northern Wet-Belt Climatic Region and the North Wet-Belt Transition Climatic Region (Lloyd et al 1990 within the Interior Cedar Hemlock (ICHwk1, ICHmw3) Biogeoclimatic Zone (BGCZ), and the Engelmann Spruce Sub-Alpine Fir (ESSFwc2) BGCZ.

In general terms, the Interior Cedar Hemlock (ICH) climate is continental dominated by easterly moving air masses, resulting in cool, wet winters and warm, moderately dry summers. Snow fall is moderate to high. Frost occurrences during the summer are uncommon.

- For the ICHmw3, the mean annual precipitation is 671 mm and the mean snowfall is 252 cm (211 cm to 287 cm). The mean frost free period is 127 days
- For the ICHwk1, the mean annual precipitation is 1044 mm and the mean snowfall is 411 cm (374 cm to 464 cm). The mean frost free period is 110 days.

The Engelmann Spruce Sub-Alpine Fir (ESSF) climate is a continental climate characterized by long, cold winters with high snow cover, and short cool summers. The snow pack reaches a maximum depth of 1 to 4 metres and remains until late May. Frosts are common and moisture deficits are uncommon during the growing season.

- For the ESSFwc2, the mean annual precipitation is 1177 mm and the mean snowfall is 782 cm.
- For the IDFmw2, the mean annual precipitation is 521 mm and the mean annual snow fall is 171 cm (137 cm to 202 cm). The mean frost free period is 139 days.

The large body of water in Adams Lake, East Barriere Lake and North Barriere Lake may moderates the effects of the general climate conditions; and yet proximity of the Dunn Peak snow pack and the snow pack on the east side of Adams Lake may also influences climatic conditions especially in the spring and fall.

The property is tree covered and is extensively logged with numerous haul roads, spur roads, and skidder trails or dozer trails throughout. Harvesting is active at various locations on the Honeymoon Claims. Some of the oldest logging roads are brushing in and/or have immature trees growing on them.

The site characteristics are quite variable. The following is a brief summary of the general Physiography and Climate separated into two sections as follows:

TABLE 1: BENDGOLD: Physiography and Biogeoclimatic Zones by Tenure Number. A summary of the aspect and elevation based on ARIS maps, and Biogeoclimatic Zone based on Lloyd et al 1990.

Tenure Number	Aspect	Mean Slope (%)	Elevation Range (metres ASL)	Mean Elevation (metres ASL)	Biogeoclimatic Subzone
849022	NW	25	1140-1550	1350	ESSFwc2, ICHmw3
849042	S, NE	20	1175-1550	1400	ESSFwc2, ICHmw3
849043	S, E, NE	30	1150-1400	1300	ESSFwc2, ICHmw3
849045	E, NE, S	35	1050-1425	1200	ESSFwc2
849046	NE	40	950-1625	1250	ESSFwc2, ICHmw3
850242	N	45	675-1450	1200	ESSFwc2, ICHmw3
850251	NW, SE	20	1550-1800	1650	ESSFwc2

LOCAL INFRASTRUCTURE:

The following is a brief summary of the local infrastructure:

1. Deep Sea Port: The nearest deep sea port is at Vancouver, B.C. about 350 km southwest of Kamloops.
2. Railroad: The Canadian National Railway (CNR) mainline goes through the community of Barriere (on the Yellowhead Hwy) about 60 km west of BENDGOLD. The CNR mainline goes through Kamloops. The Canadian Pacific Railway (CPR) passes through Kamloops and Chase; and the CNR and CPR connect at this point.
3. Utility Distribution Lines:
 - A power distribution line and telephone line runs from Barriere 20 km along the Barriere Lakes PR to the junction with the North Barriere FSR within 40 km of the claim boundary.
 - A power distribution line runs from 18 km on the Adams West FSR to 39.5 km on the Adams West FSR about 20 km south of the claims.
 - Telephone/Cellphone: There is cell phone service in Kamloops, and Barriere but there is no cellphone service from the claim areas except at high elevations within Tenure 850251 which face into Barriere.

- There is a telephone line up to about 21 km on the Adams West FSR where a cellphone relay is set up for the logging camp at Brennan Creek Camp (about 35 km). The Agate Bay Resort located on Adams Lake at 18 km has telephone service.
4. **Commercial Resorts:** North Barriere Lake Resort is located on the north shore of North Barriere Lake. <http://www.northbarrierelakeresort.com>, and has cabins, campsites, and trailers. It is open in the summer months. The Agate Bay Resort is located at the east end of Agate Bay PR (at 18 km on the Adams West FSR).
 5. **Forest Service Recreation Sites:** There is a public recreation site on the north shore of North Barriere Lake called Vermillion Creek, and another site on the south end of Saskum Lake. There are also a number sites on the northwest shore of Adams Lake (Honeymoon, Brennan Creek/Sandy Point, etc).
 6. **Community Recreation:** There is a community recreation site on the Barriere Lakes PR about 18 km east of Barriere.
 7. **Roads and Logging Companies:** The Thompson Rivers Forest District administers forest tenures in the claims area (250-371-6500). Tolko Industries Ltd of Kamloops is a major forest licensee in the area. The North Barriere FSR and related secondary roads are maintained by Tolko Industries Ltd a Heffley Division (phone: 250-578-7212, fax: 250-578-8655) -- FM 158.19 (Tolko), as well as other tenure holders. The Adams West FSR, Gollen FSR, Fisher FSR, Honeymoon North and related secondary roads are maintained by Adams Lake Lumber Co. Ltd (a division of International Forest Products Ltd.) from their Forestry Office and Sawmill at the south the south end of Adams Lake (phone: 250-679-3234, fax: 250-679-3545).
The major secondary FSR logging access roads within the claim area are in good condition and are usually well maintained. They may not be ploughed in the winter time.
 8. **Logging Camp:** Adams Lake Lumber Co. Ltd (International Forest Products Ltd.) has a permanent logging camp at about 35 km on the Adams West FSR.
 9. **Sawmill:** Tolko Industries Ltd has veneer (plywood) operation at Heffley Creek (north of Kamloops) on the Yellowhead Highway. Adams Lake Lumber Co. Ltd (International Forest Products Ltd.) has a large scale sawmill at 0 km on the Adams West FSR 45 km south of the HONEYMOON claims.
 10. **Logging Road Frequencies:**
 - Adams Lake FSR from 0 to 37 km – FM 157.560 (Interfor South)
 - Adams Lake FSR from 37 to the north – FM 158.100 (Interfor North)
 - East Barriere Lake FSR and North Barriere Lake FSR – FM 158.19 (Tolko)
 11. **Emergency Facilities:**
There is a full service hospital with emergency facilities (heliport) in Kamloops including police, and search and rescue. There is an ambulance, clinic, and police station in Barriere and Chase. Active logging operations will have industrial first aid attendants on site.
 12. **Education:** There is school, Brennan Creek Elementary School, at 34.5 km on the Adams Lake FSR adjacent to the Brennan Creek Logging Camp, and Sandy Point Recreation Site. There are schools in Kamloops, Barriere and Chase. Thompson Rivers University in Kamloops has various degree programs; and has a geology faculty.
 13. **Kamloops Exploration Group:** The Kamloops Exploration Group (KEG) (<http://www.keg.bc.ca/>) is a non-profit society of geoscientists, geologists, prospectors, and member of the public with a focus on BC mineral exploration.

HISTORY:

The following section is divided into 6 parts as follows: Past Producers and Producers, Advanced Development Projects, MINFILE occurrences, Assessment Reports, Prospector Assistance Program Reports, and Regional Surveys (See APPENDIX D).

A. **Local Past Producers and Producers:**

Three historic past producer mines are located in the immediate vicinity of the BENDGOLD claims and they are as follows:

- Samatosum Mountain (MINFILE 082M-244) located 12 km to the south (Table 3).
- Homestake Mine (MINFILE 082M-025) located 16 km to the south (Table 4).
- Windpass Mine (MINFILE 092P039) located 16 km to the northwest (Table 5).

Table 2: Samatosum Mountain (MINFILE 082M-244) recovery table.

1989 to 1992	Metric	Imperial
Silver	429,356,776 grams	13,804,121 ounces
Gold	639,118 grams	20,548 ounces
Copper	3,678,016 kilograms	8,108,635 pounds
Lead	5,069,127 kilograms	11,175,509 pounds
Antimony	97,620 kilograms	215,215 pounds
Zinc	9,538,263 kilograms	21,028,264 pounds

Table 3: Homestake Mine (MINFILE 082M-025) recovery table.

1926 to 1941 (intermittent)	Metric	Imperial
Silver	7,750,829 grams	281,345 ounces
Gold	11,259 grams	362 ounces
Copper	9,138 kilograms	20,146 pounds
Lead	141,295 kilograms	311,502 pounds
Zinc	203,310 kilograms	448,222 pounds

Table 4: Windpass Mine (MINFILE 092P-039) recovery table.

1916 to 1944 (intermittent)	Metric	Imperial
Silver	93,435 grams	1,886 ounces
Gold	1,071,684 grams	37,798 ounces
Copper	78,906 kilograms	173,956 pounds
Mined	93,435 tonnes	102,965 tons
Milled	73,319 tonnes	80,798 tons

From a regional perspective (within 150 km radius):

- The AFTON MINE (Teck Corp) near Kamloops, a former producer, is 80 km to the southwest. This mine was in production for 20 years.
- New Gold Inc.'s – New Afton Project (www.newgold.com) 10 km south of Kamloops and started production. The mine is being developed for underground block cave at 11,000 tonnes per day. The proposed average annual production will be 120,000 tonnes of concentrate containing 85,000 ounces of Au, and 75 million pounds of Cu. Proven and probable reserves are Au = 1.05 million ounces, Cu = 993 million pounds, Ag 3.1 million ounces.
- The HIGHLAND VALLEY COPPER (Teck Resources Ltd - 97.5%) near Logan Lake, is located 120 km southwest of BENDGOLD. This mine is the largest mine in Canada and produces Cu and Mo. A total of 42,488,000 tonnes were milled in 2010. The mine is expected to close in 2025.

B. Advanced Development Projects (within 150 km):

From a regional perspective, within 150 km of the BENDGOLD there are a number of active advanced development projects as follows:

The Harper Deposit (MINFILE 082M 009) 20 km to the north, is currently being developed by Yellowhead Mining Inc. of Vancouver (www.yellowheadmining.com) and they have identified a 43-101 compliant resource of over 569 million tonnes grading Cu 0.32% and an inferred resource of 62.7 million tonnes grading Cu 0.33%. Preliminary economic assessments, environmental assessment processes, geotechnical and hydrogeological studies, and First Nations studies are currently underway. Drilling is ongoing.

KGHM AJAX Mining Inc (www.ajaxmine.ca) and Abacus Mining and Exploration Corp (www.amemining.com) have a joint venture at the new AJAX deposit which is beneath the former AJAX PIT at the AFTON MINE (Teck Corp) just south of Kamloops. This joint venture is currently in various environmental assessment and permitting processes. A recent Ni-43-

101 compliant Preliminary Economic Assessment Report (June 22, 2009) indicated the Ajax copper-gold project proposes a 60,000 tonne per day operation producing an average of 110 million pounds of Cu and 100,000 ounces of Au in concentrate per year. Preliminary economic assessments, environmental assessment processes, geotechnical and hydrogeological studies, First Nations studies, and drilling are currently underway

C. **MINFILE Occurrences:**

The early history of exploration in the area is not well known although a number of references were found in the Ministry of Mines Annual Reports and files; and in the Ministry of Energy and Mines MINFILE database) which indicate that prospecting was being done in the area in the mid-1920s. There are no MINFILE occurrences within BENDGOLD, the following MINFILES are located within 1 km of the northwest corner of BENDGOLD:

- **HILLTOP (aka LUCKY STRIKE) 082M-114:** Cu (1 km NW of BENDGOLD):
Copper mineralization, with accompanying silicification, pyritization and potassium feldspar alteration, occurs in the stratigraphically lower zone of the chlorite schist to greenstone unit, just east of its faulted contact with the intrusive. Chalco-pyrite, pyrite and lesser pyrolusite, pyrrhotite, bornite and covellite occur as disseminations and fracture fills in largely brecciated and sheared host rocks. Seven showings occur within a 650 by 250 metre area. A 2.4 metre chip sample of showing #1 assayed 0.72 per cent copper (ARIS Report 3430).
- **HILLTOP 9 - 082M-115:** Cu (1 km NW of BENDGOLD):
Metamorphic rocks consisting of quartz-feldspar chlorite gneiss, sericite chlorite phyllite, limestone and chlorite schist to greenstone of the Lower Cambrian part of the Eagle Bay Formation lie adjacent to the Cretaceous Baldy Batholith. A pod of skarn, 18 by 9 metres, occurs within massive crystalline limestone. It consists of epidote, diopside, calcite, chlorite and garnet with minor pyrrhotite, pyrite and chalcopyrite. A sample assayed 0.14 per cent copper (ARIS Report 3430).

There are a number of MINFILE occurrences in the vicinity of BENDGOLD which are of interest but they are over 7 km from the boundary of BENDGOLD. The following is a brief list of these MINFILES:

- **MINFILE 082M-275 LUCKY BEAR:** Intrusive Au Bi W, quartz veins in granodiorite host. (7.5 km SW of BENDGOLD).
06394 LITSEC – Au 1.30 g/t; Bi 115 ppm; Cu 166 ppm; massive pyrrhotite in quartz vein.
06395 LITTA – Au 1.38 g/t; Bi 130 ppm; Cu 171 ppm; semi-massive pyrrhotite in quartz vein
- **MINFILE 082M-127 NSP:** up to Cu 0.3 % in paragneiss. Former Noranda option. (9 km south of BENDGOLD)
- **SAN MINFILE 082M-135 (aka POP, LEEMAC, WR, LUCKY BEAR, ZEB):** Past producer with polymetallic quartz veins Ag-Pb-Zn+/-Au. The significant mineralization is pyrite, galena, sphalerite, and chalcopyrite. A 1 metre sample gave Ag 278 g/t, Pb 0.47 percent; Zn 0.39 percent; and Au trace. Past underground production occurred in 1982 and recovery was Ag 22,768 grams, Pb 582 kg; Zn 333 kg from 6 metric tonnes.
- **LUCKY-J MINFILE 082M-272 (aka SAM, GRAFFIN):** Graphite: crystalline, flake variety from 2.5 to 4.62 percent graphite; in two steeply-dipping sections 42 m to 49 m and 63m to 77 m. Mineralized structure appears to have true width of 14 m. Fairly massive intersections of graphite.
- **MINFILE 082M-266 CAMGLORIA:** (former Teck Option) Intrusive Au Ag Bi Pb in large quartz vein. (13 km south of BENDGOLD). The following is an overview of the 1999 trenching and drilling results:
 - **Trench 99-01:** Up to 9.36 g/t Au over 2.0 metres. Main vein averages 5.2 metres wide at surface and is typically milky with quartz vein with minor hematite on fractures. Sample #5220 with 1 m interval: 17.62 g/t Au, 66.2 g/t Ag, 745 Bi, 1372 Pb.
 - **Trench 99-02:** Sample #5233 - 2.65g/t Au, Sample #5234 – 7.12 g/t Au.
 - **Hole CC99-01:** Drilled below Trench 99-01. Encountered the main vein (10.7 metres) and its altered structure (33 metre interval). Suggests 60 degree dip to the NW. Sulphide rich upper portion of the contained a 1 meter section 9.57 g/t Au, 128.4 g/t Ag, 160 ppm Bi, 1896 ppm Pb.
 - **Hole CC99-03:** Tested the down dip of Berube Trench #2 on the thickest part of the vein. Intersected 7.3 meter interval of the main vein within a 27.9 metre interval of altered shear zone. The highest value was 1.1 metres grading 0.685 g/t Au, 8.6 g/t Ag, 25 ppm Bi, and 376 ppm Pb.

In the interest of brevity; and for detailed information on these MINFILE occurrences and others please, refer to the following government website: <http://www.empr.gov.bc.ca/MINING/GEOSCIENCE/MINFILE/Pages/default.aspx>

D. ASSESSMENT REPORTS:

There are at least 4 Assessment Reports located within or adjacent (< 1 km) to the BENDGOLD boundary, based on the Assessment Report Information System (ARIS). In the interest of brevity a point form discussion of the results of the work is included in this report. The complete reports can be downloaded from the following website if additional information is required. <http://www.empr.gov.bc.ca/Mining/Geoscience/ARIS/Pages/default.aspx>

The following Assessment Reports were completed on or immediately adjacent to the BENDGOLD claims:

- **05929** - J. A. Fennell, Barriere, BC owner, Donald Rae, P.Geo. July 27, 1976. \$1,348.00.
Drilling 250 feet in two holes. Limestone hosted sulfides – banded to massive.
Up to Cu 0.13%, Ni < 0.1 %, Mo <0.1 %, Au 0.012 oz/t over 3 feet.
- **06792** -J. A. Fennell, Barriere, BC owner; Jay D. Murphy, P.Eng, July 5 1978, \$ 1,291.20.
Limestone hosted sulfides – banded to massive. Cu up to 0.56% over 1 metre and Cu 0.37% over 0.5 metres.
- **29615** - James M. Dawson - owner. Optioned to Garnet Point Resources Corp, Vancouver, B.C., James M. Dawson, P.Eng., February 8, 2008, \$ 32,164.30
Exploration targeted granite-hosted uranium deposit as well as various specific metals (Mo, W, Sn, rare earths and rare metals) in acid, lithophyle, element-rich, granitic rocks.
First Phase: Geochemical Sampling Program on SAS property. Soil samples analyzed for a suite of 35 elements; with sampling at 100 metre stations. Uranium in soils up to 734.3 ppm with mean of 8.8 ppm and standard deviation of 23.9 ppm. There were three anomalous areas and they were deemed worthy of follow-up. Detailed sampling and a radiometric survey recommended. Eastern portions of this assessment report are located in the western portion of the BENDGOLD claims.
- **33216** - David J. Piggin, Kamloops, BC. August 28, 2013, \$ 37,007.66.
28 rock samples were collected and assayed. 18 of these samples were assayed for rare earths.
7 pegmatite dikes were located, sampled and described.
21 soil samples were collected and assayed.
9 stream sediment and 9 moss mat samples collected and assayed.
The following is a brief summary of assay results for selected samples, and for selected elements:
Rock Samples (pegmatites): 10E41572 BG11QPGFT5: Cs 12.4 ppm; Mo 2570 ppm; Nb 88.2 ppm; Rb 553 ppm.
BG11QPG3: Mo >2000 ppm. BG11QPG2: Mo 17.7 ppm.
Soil Samples: 10E41366 BGF00T5: Ag 0.86 ppm. 10E41353 BG11T3: Ag 0.77 ppm; Be 4.36 ppm; Ce 440 ppm; Ga 15.65 ppm; La 137.5 pm; Mo 3.95 ppm; Pb 32.4 ppm; Se 3.2 ppm; Sn 1.3 ppm; U 147.5 ppm; Y 61.90 ppm.
Stream Sediment: 10E41383 BG11SS9: Mo 14.10 ppm. 10E41371 BG11SS3: Mo 8.72 ppm. 10E41373 BG11SS4: Ce 101.50 ppm; Mo 6.68 ppm; W 2.37 ppm.
Moss Mat: 10E41382 BG11MM9: Ag 0.474 ppm; Ce 87.6 ppm, Mo 17.55 ppm; Pb 14.1 ppm; U 101.5 ppm.
10E41374 BG11MM5: Ag 0.41 ppm; Mo 13.4 ppm; Pb 15.85 ppm. 10E41378 BG11MM7: Mo 6.87 ppm; Pb 24.90 ppm; Y 33.2 ppm.

E. Prospector Assistance Program Reports:

In 1998, the author David J. Piggin - Prospector Assistance Grant #98/99 P94 (1998-43) for \$ 10,000.00. Grassroots exploration work was completed over a large area, in part, south of BENDGOLD.

In 1998, Camille Berube - Prospector Assistance Grant #1998/99 P23 (1998-23) for \$ 10,000.00. The CAM-GLORIA MINFILE 082M-266 was discovered during this exploration program.

In 2000, Leonard P. Piggin - Prospector Assistance Grant #2000/01 P73 (2000-22) for \$ 7,500.00. The LUCKY BEAR MINFILE 082M-275 (Au Bi, minor W) was discovered during this program. Numerous anomalous stream sediments and moss mats were collected.

In 2000, Camille Berube - Prospector Assistance Grant #2000/01 P43 (2000-13) for \$ 10,000.00. The LUCKY BEAR MINFILE 082M-275 (Au Bi, minor W) was discovered during this program.

In 2000, Adam Travis, P.Geol – Prospectors Assistance Grant #2000-47 conducted reconnaissance within the area of the BENDGOLD claims.

A copy of each report can found on the following website.

<http://www.empr.gov.bc.ca/Mining/Geoscience/PropertyFile/Pages/1998pros.aspx>

F. **Regional Surveys:**

The following is a partial list of regional publications related to BENDGOLD:

- **Geology of the Adams Lake Plateau-Clearwater-Vavenby Area Paper 1987-2** (Schiarizza and Preto Dec 1982).
- **Till Geochemistry of the Adams Lake Plateau - North Barriere Lake Area (82M/4 and 5)** (Bobrowsky et. al. 1997).
- The map **Geology and Mineralization around the Baldy Batholith, South-central British Columbia (82M/5, parts of 4 - 6), Open File 2000-7 (1:100,000)** (Jim Logan and Richard Mann 2000).
- **Stream Geochemical Exploration for Pluton-Related Quartz-Vein Gold Deposits in Southern British Columbia (NTS 82M4, 5, 6; 92P/8; 82F7) Open File 2000-23.** (Ray Lett, Wayne Jackaman, Lanny Englund 2000).

1. **Bendelin Creek, Pegmatite, Intrusive Related Au Bi Cu: up to Au 6430 ppb, Bi 562 ppm, Cu 900 ppm;**
Within Tenure 849022, an Au Bi Cu discovery was made by Jim Logan (BCGS Geologist) and described in Open File 2000-7 (Logan and Richard Mann April 2000). **Sample 99JLO-2-18-2: Au 6430 ppb, Bi 562 ppm, Cu 900 ppm** (Zone 11, 322634E and 5698509N) and is situated in a “*mus-bio-kspar-qtz pegmatite*”. This quartz pegmatite dyke is 3 metres wide and in a granitic host; and was re-located by David J. Piggitt and Judy Burr in late 2011. A Regional Stream Sediment (RGS) sample on Bendelin Creek returned **82M761068: Au 72 ppb**. Eleven soil samples were collected along the road straddling **Sample 99JLO-2-18-2** and were assayed and reported in ARIS Report 33216.
2. **Regional Stream Sediment** survey: (Au >=5 ppb is in 90 percentile) (Au >=5 ppb is in 90 percentile) **82M761068: Au 72 ppb**. Collected on Bendelin Creek downstream from Sample 99JLO-2-18-2 above. Three other RGS samples in Gollen Creek north and north east of the claim block returned:
82M761058: Au 36 ppb. 82M761054: Au 15 ppb. 82M761057: Au 5 ppb.
3. **Regional Stream Sediment and Moss Mat survey** (Open File 2000-23): A number of Au anomalies were located in the vicinity on the north and east boundary of the claim block. These samples are in the vicinity of the RGS samples above in 1 (b). In Open File 2000-23 the north corner of the BENDGOLD claims is referred to as “**Au - Anomalous Area C**”. The anomalous Au moss mat samples were as follows (with moss mat Au >= 44 ppb is in 90 percentile; Au >= 17 ppb is in 70 percentile):
Moss Mat # 26 (998060) on Gollen Creek: Au 92 ppb.
Moss Mat # 24 (998056) on Fisher Creek: Au 26 ppb (down slope/stream from Tenure 849045).
Moss Mat # 25 (998058) on Stratton Creek: Au 21 ppb
4. **Regional Till Survey** was completed over the area and reported in Open File 1997-9 (Bobrowsky et. al. 1997). This survey reported a number of significant anomalous Mo soil samples as follows (with soil Ag >= 0.3 ppm is in 90 percentile; Mo >= 2 ppm is in 90 percentile):
INA Soil Sample: 969464 - Mo 35 ppm; Zn 120 ppm. INA Soil Sample: 969473 – Mo 29 ppm (Tenure 849022).
INA Soil Sample: 969476 – Mo 16 ppm (Tenure 849022). INA Soil Sample: 969483 – Mo 11 ppm (Tenure 849042).

G. **Regional Till Survey and Intrusive related Rare Metals (RM) and Rare Earth Elements (REE):**

While reviewing the First Order (>90%) till survey results from the Regional Till Survey (Open File 1997-9) a number of first order (>90%) RM and REE anomalies were realized. For the purpose of this report RM and REE are defined based on **Rare Metals and Their Importance - Potential Impact of the TGI-4 Initiative; in International Workshop on Geology of Rare Metals. Open File 2010-10.** Pages 1-2. (Simandl and Lefebure 2010). In this publication:

RM = Nb, Ta, Li, Ga, Ge, Be, Zr, Hf. and REE = Lanthanides plus Y, Sc.

Based on Open File 2010-10 and expert advice (George Simandl pers. com 2011), soil samples with an accumulated sum (RM in ppm + REE in ppm=) of 500 ppm or more should be considered anomalous for RMs and REEs; and that further investigation may be warranted. In reviewing the regional till data numerous samples exceeded 500 ppm.

Almost all of the RM+REE soil anomalies (INA method) when summed [e.g. Ce + Cs + Eu + Hf + La + Lu + Nd + Rb + Sc + Sm + Ta + Tb + Th + U + Yb + also (by LMIC) Nb + Y + Zr = SUM in ppm exceed 500 ppm. In fact, many of the summed RM+REE soil anomalies exceed 1000 ppm. The following is a list of first order soil samples showing only the RM and REE components (only) of the assay results. (Source Open File 1997-9: see ILLUSTRATION #2 below.

1. **Mo plus RM and REE:** The following is a partial list of Regional Till Survey samples (Open File 1997-9) which were anomalous for Mo as well as RM and REEs. See MAP #2 below for locations.

INA Till Sample 969464: Mo 35 ppm; Zn 120 ppm As 15 ppm + RM + REE. The sum of RM and REE is 768.7 ppm.
with Ce 130 ppm; Cs 4 ppm; Eu 2.2 ppm; Hf 8 ppm; La 73 ppm; Lu 0.7 ppm; Nd 47 ppm; Rb 120 ppm; Sc 18 ppm; Sm 8.4 ppm; Ta 1.9 ppm; Tb 1.2 ppm; Th 22 ppm; U 27 ppm; Yb 4.3 ppm; and (by LMIC) Nb 21 ppm, Y 38 ppm, Zr 242 ppm.

INA Till Sample 969473: Mo 29 ppm; + RM + REE. The sum of RM and REE is 819.2 ppm.
with Ce 160 ppm; Cs 4 ppm; Eu 2 ppm; Hf 9 ppm; La 88 ppm; Lu 0.6 ppm; Nd 49 ppm; Rb 100 ppm; Sc 15 ppm; Sm 7.7 ppm; Ta 2.6 ppm; Tb 1.6 ppm; Th 37 ppm; U 24 ppm; Yb 3.7 ppm; and (by LMIC) Nb 40 ppm, Y 28 ppm, Zr 247 ppm.

INA Till Sample 969476: Mo 16 ppm; + RM + REE. The sum of RM and REE is 1,117.3 ppm.
with Ce 210 ppm; Cs 5 ppm; Eu 1.5 ppm; Hf 14 ppm; La 110 ppm; Lu 0.8 ppm; Nd 67 ppm; Rb 180 ppm; Sc 7.9 ppm; Sm 11 ppm; Ta 4.3 ppm; Tb 1.6 ppm; Th 53 ppm; U 11 ppm; Yb 5.2 ppm; and (by LMIC) Nb 42 ppm, Y 39 ppm, Zr 354 ppm.

INA Till Sample 969483: Mo 11 ppm; + RM + REE. The sum of RM and REE is 733.5 ppm.
with Ce 180 ppm; Cs 8 ppm; Eu 0.7 ppm; Hf 5 ppm; La 44 ppm; Lu 0.3 ppm; Nd 26 ppm; Rb 210 ppm; Sc 5.2 ppm; Sm 4.6 ppm; Ta 2.3 ppm; Tb <0.5 ppm; Th 53 ppm; U 10 ppm; Yb 1.9 ppm; and (by LMIC) Nb 29 ppm, Y 15 ppm, Zr 139 ppm.

2. **RM and REE only:** The following is a partial list of Regional Till Survey samples (Open File 1997-9) which were anomalous for RM and REEs only. See MAP #2 on page 3 for locations.

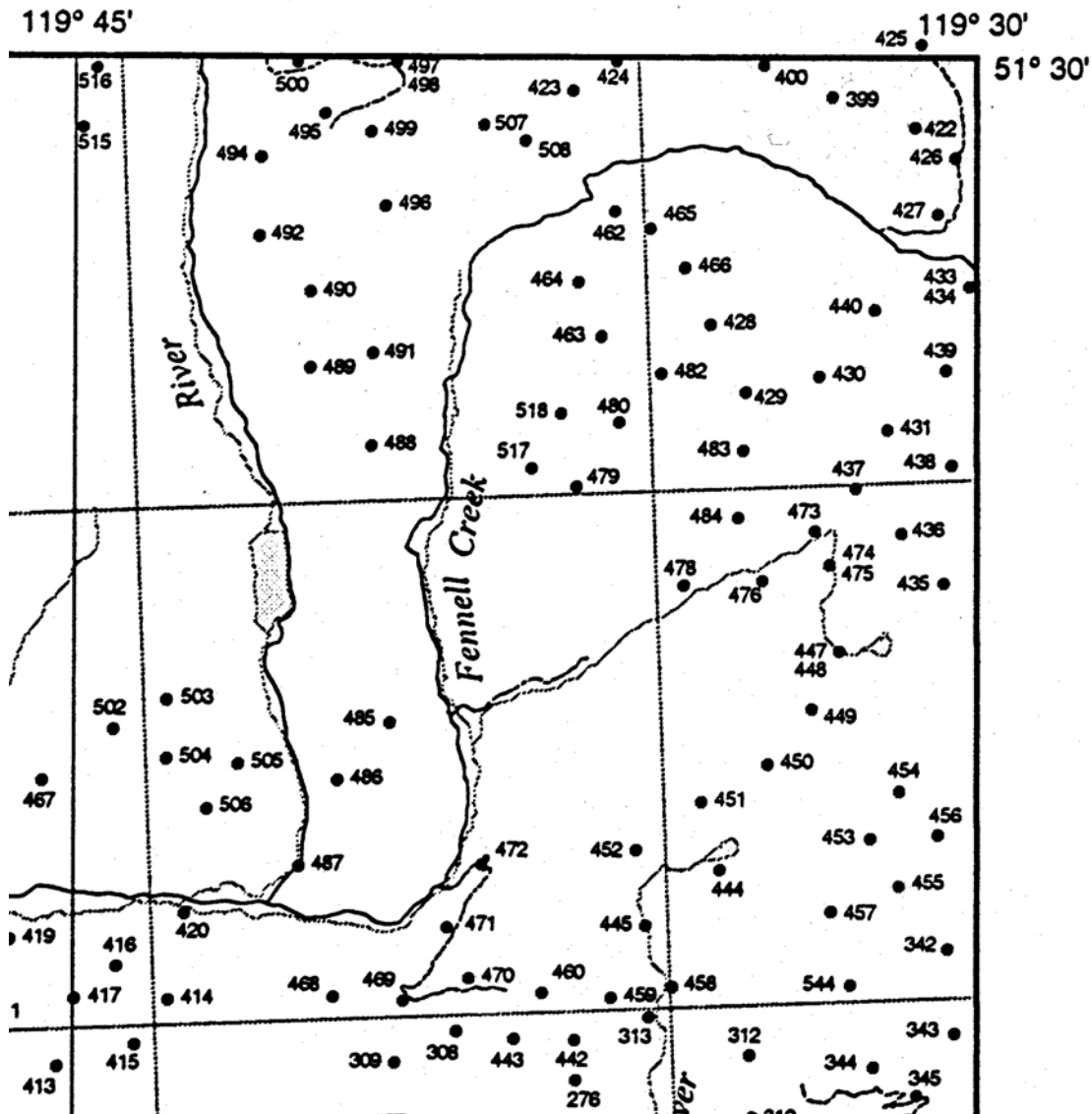
INA Till Sample 969438: RM + REE only. The sum of RM and REE is 1,539.3 ppm
with Ce 220 ppm; Cs 4 ppm; Eu 2.7 ppm; Hf 23 ppm; La 150 ppm; Lu 1 ppm; Nd 71 ppm; Rb 92 ppm; Sc 15 ppm; Sm 11 ppm; Ta 4.3 ppm; Tb <0.5 ppm; Th 85 ppm; U 15 ppm; Yb 5.8 ppm; and (by LMIC) Nb 66 ppm, Y 39 ppm, Zr 667 ppm.

INA Till Sample 969430: RM + REE only. The sum of RM and REE is 1,253.7 ppm.
with Ce 220 ppm; Cs 4 ppm; Eu 2.2 ppm; Hf 14 ppm; La 190 ppm; Lu 0.7 ppm; Nd 86 ppm; Rb 140 ppm; Sc 6.8 ppm; Sm 11 ppm; Ta 3.1 ppm; Tb <0.5 ppm; Th 120 ppm; U 15 ppm; Yb 4.4 ppm; and (by LMIC) Nb 44 ppm, Y 29 ppm, Zr 364 ppm.

INA Till Sample 969474: RM + REE only. The sum of RM and REE is 1,187.5 ppm
with Ce 270 ppm; Cs 6 ppm; Eu 1.1 ppm; Hf 9 ppm; La 130 ppm; Lu 0.8 ppm; Nd 70 ppm; Rb 250 ppm; Sc 6.8 ppm; Sm 13 ppm; Ta 5.1 ppm; Tb 1.6 ppm; Th 73 ppm; U 27 ppm; Yb 5.1 ppm; and (by LMIC) Nb 43 ppm, Y 50 ppm, Zr 225 ppm.

INA Till Sample 969449: RM + REE only. The sum of RM and REE is 1,134.9 ppm
with Ce 190 ppm; Cs 7 ppm; Eu 1.2 ppm; Hf 10 ppm; La 120 ppm; Lu 0.6 ppm; Nd 52 ppm; Rb 300 ppm; Sc 8.1 ppm; Sm 9.5 ppm; Ta 7 ppm; Tb 1.7 ppm; Th 60 ppm; U 12 ppm; Yb 3.8 ppm; and (by LMIC) Nb 51 ppm, Y 33 ppm, Zr 267 ppm.

ILLUSTRATION #2: TILL SAMPLE LOCATIONS: Excerpt from OPEN FILE 1997-9 (Bobrowsky et al April 1997). Map showing the Till Sample locations for the assay results shown on previous pages.



II – TECHNICAL DATA AND INTERPRETATION

2012 EXPLORATION PROGRAM

The property geology described here is based largely on Schiarizza and Preto Dec 1987, Dixon and Warren et al 1997; Logan and Mann April 2000; as well as BC Assessment Report 26216 by G. Evans Dec 1999 (Teck Corp). For detailed information, consult the above references and additional references given in LITERATURE CITED.

PROPERTY GEOLOGY:

The property geology and rock type descriptions are based entirely on Schiarizza and Preto Dec 1987; Dixon and Warren et al 1997; Logan and Mann April 2000; and GeoFile 2005-4 downloaded from the Ministry of Energy Mines website. For detailed information, consult the above references and additional references given in LITERATURE CITED. See ILLUSTRATION # 5 and TABLE 6 below, and the geology map provided in the APPENDIX.

Regionally, this property is located in the Kootenay Terrane at or near the main contact between the mid-CRETACEOUS Baldy Batholith Unit [**Kg, also KBBgd, KBBmg, mid-JURASSIC mJNHqd and mJNHmd**], the DEVONO-MISSISSIPPIAN Eagle Bay Assemblage Unit [**EB**], and the late DEVONIAN Paragneiss Unit [**Dgnp**].

The Baldy Batholith is generally considered MID-CRETACEOUS at 80 to 100Ma. The **Kg** is a massive granite and granodiorite intrusive. The south eastern portion of the Baldy Batholith (south of Honeymoon Creek) may be considered MIDDLE JURASSIC – NELSON SUITE – Honeymoon Bay Stock (**mJNHqd**) as per Open File:2007-7 (Logan and Mann April 2000). This portion of this batholith hosts CAM-GLORIA MINFILE 082-266 and SPAPILEM GOLD/SPAPILEM100 showings.

The Eagle Bay Assemblage [**EB**], which is a series of low-grade meta-sedimentary and meta-volcanic rocks, and the Late Devonian Paragneiss Unit [**Dgnp**] are present on the northern and northeast edges of BENDGOLD. Limestone Units [**EBt**] were observed on the northeast corner of BENDGOLD (vicinity of the Rusty Robin FSR).

The following is a brief description of the various rock types:

1. **KOOTENAY TERRANE:** Lower Cambrian (and older?) to Mississippian

- (a) **EBF:** *Devonian and/or Mississippian – light to medium grey, rusty weathering feldspathic phyllite, schist and fragmental schist derived from intermediate tuff and volcanic breccia; minor amounts of dark grey phyllite and siltstone.*
- (b) **EBA:** *Devonian – light silvery grey to medium greenish grey sericite-quartz phyllite and sericite-chlorite-quartz phyllite derived from felsic to intermediate volcanic and volcanoclastic rocks, including pyritic, feldspathic and coarsely fragmental varieties; lesser amounts of dark grey phyllite and siltstone, green chloritic phyllite, sericiteic quartzite and pyritic chert (exhlite?).*
- (c) **EBG:** *Lower Cambrian (may include younger and or older rocks) Medium to dark green calcareous chlorite schist, fragmental schist and greenstone derived largely from mafic to intermediate volcanic and volcanoclastic rocks; lesser amounts of limestone and dolostone; minor amounts of quartzite grit and light to dark grey phyllite.*
 - **EBGp:** *dark grey phyllite, calcareous phyllite and limestone; minor amounts of rusty weathering carbonate-sericite-quartz phyllite (metatuff?).*
 - **EBGq:** *light to medium grey quartzite.*
 - **EBGt:** *Tshinakin limestone member – massive light grey finely crystalline limestone dolostone.*
- (d) **EBP:** *Mississippian – dark grey phyllite and slate with interbedded siltstone, sandstone and grit; lesser amounts of conglomerate, limestone, dolostone, chlorite-sericite quartz schist, quartzite and metatuff.*
 - **EBPv:** *metavolcanic breccia and tuff.*
- (e) **EBQ:** *Lower Cambrian ? and Hadrynian ? – light to dark grey quartzite, micaceous quartzite, grit chlorite-muscovite-quartz schist and phyllite; lesser amounts of calcareous phyllite, calc-silicate schist, carbonate and green chlorite schist; eastern exposures include staurolite-garnet-mica schist and amphibolite.*

Note: Described by Logan and Mann (April 2000) as “**HCEBQ**”; and “**HCEBQgn**” includes orthogneiss of unit **Dgn**, as well as sericite-quartz phyllite derived from quartz porphyry dikes and sills.

2. **CRETACEOUS**

- (a) **Kg:** *granite and granodiorite; **Kgp** includes abundant pegmatite; **KBBmg** – medium to coarse grained, pink potassium feldspar megacrystic biotite monzogranite, hornblende-biotite monzodiorite and coarse pegmatite segregations; **KBBgd** – coarse potassium feldspar megacrystic hornblende-biotite granite to granodiorite, coarse equigranular biotite monzogranite (**KBBg**) and medium-grained aplite dikes.*

3. **JURASSIC:**

- (a) **Mid-JURASSIC mJNHqd and mJNHmd:** *coarse equigranular biotite-epidote-hornblende quartz monzodiorite, rare potassium megacrystic phases and monzodiorite phases **mJNHmd**.*

4. **LATE DEVONIAN:**

- (a) **Dgn:** *granite and granodiorite orthogneiss; **Dgnp** – includes sillimanite –bearing paragneiss.*

TABLE 5: GEOLOGY OF THE BENDGOLD CLAIMS: This table gives a detailed summary of each claim based on GeoFile 2005-4 and Open File 2007-7. See also Schiarizza and Preto 1987 and geology maps in the APPENDICIES

Tenure	Geology
849022	KBBmg.
849042	KBBgd north 1/2; KBBmg south 1/2.
849043	KBBgd; KBBmg SW corner.
849045	KBBmg, Dgnp.
849046	KBBgd north 1/3; KBBmg south 2/3.
850242	KBBgd.
850251	KBBgd.
850258	KBBgd west 2/3; KBBmg east 1/3.

GEOLOGY FAULTS: The Adams River Fault (north/south) which follows the Adams River down through the north end of Adams Lake is located 1.5 km east of the northeast corner of BENDGOLD. In addition to this 3 or 4 north/south faults cross perpendicular to Gollen Creek and appear to touch the north boundary of BENDGOLD. Also, Gollen Creek hosts a fault (east/west) called the Vavenby Fault (Schiarizza and Preto Dec 1987 Figure 4 map). See also Illustrations #3 and #4 below.

ILLUSTRATION # 3: Map excerpt directly from Figure 4 of Schiarizza and Preto Dec 1987 showing the geology and faults in the vicinity of North Barriere Lake, East Barriere Lake, Adams Lake (estimated scale <1:100,000). The North on this map is up.

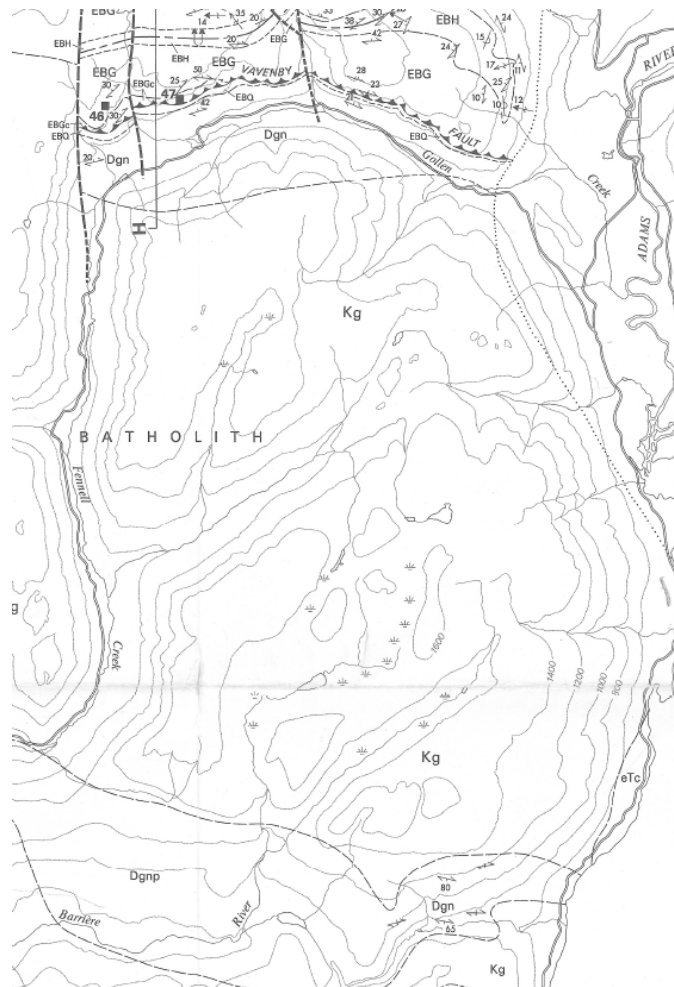
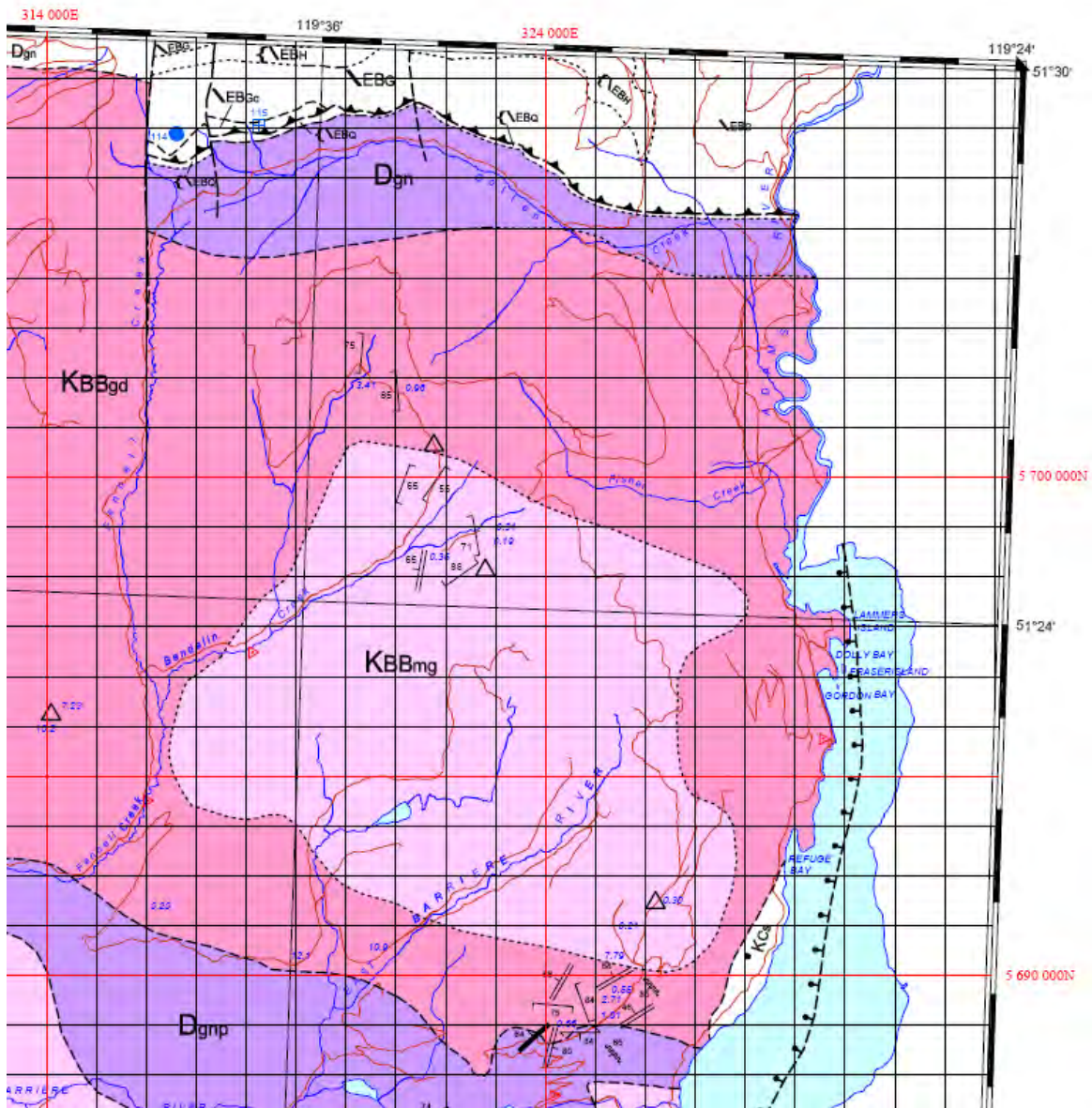


ILLUSTRATION # 4: Map excerpt directly from OPEN FILE 2000-7 Logan and Mann April 2000 showing the geology and faults in the vicinity of North Barriere Lake, East Barriere Lake, Adams Lake (estimated scale <1:100,000). North is up.



2012/2013 EXPLORATION METHODS, WORKS AND OBJECTIVES:

(A) **Sampling Methods and Analysis Procedures:**

Sample locations were marked with winter weight survey ribbon, and/or an aluminum tag or white Tyvek tag. In most circumstances the interval between sample locations was marked with “candy stripe orange & black” survey ribbon, and each sample site was marked with florescent orange or florescent pink ribbon.

A Garmin 60CSx (or Garmin 12XL) was used to collect Global Position System (GPS) waypoints. GPS data was collected using the Universal Transverse Mercator Grid (UTM) in NAD 83 and usually 4 or more satellites were used for waypoints unless narrow gullies, ravines, and heavy timber made waypoint collection problematic. Where the sample location is problematic, in terms of satellite reception (i.e. deep gully, forest cover), and only 2 satellites were obtained the UTM coordinates were interpolated from 3 adjacent waypoints by an iterative process, or by hip chain and compass bearing. Adjusted waypoints were confirmed by referencing the sample location on an orthographic map, at a scale of 1:5000, and/or re-confirming the location with prospecting field notes.

Sample waypoints were named according to the following naming convention:

- The BENDGOLD claims had a prefix of “BG__”.
- Year is given by two digits for 2011. “BG11__”.
- Stream sediment sample waypoints – “_SS_” (i.e. BG11SS__).
- Moss Mat sediment sample waypoints – “_MM_” (i.e. BG11MM__).
- Soil or Till sample waypoints – “_T_” or “_T” (i.e. BG12T__) or (i.e. “_T”).
- Float Rock sample waypoints – “_FT: “ or “_F_” (i.e. BG11FL__).
- Rock sample waypoints – “_R_” (i.e. BG11R__) and are associated with talus or outcrops.
- Grab rock sample waypoints – “_GR_” (i.e. BG11GR__)
- Channel sample waypoints – “_CH_” (i.e. BG11CH__)
- Quartz Veins waypoints – “_Q_” or “_QZ_” or “_QTZ_” (i.e. BG11QZ__) or (i.e. BG11Q__)
- Pegmatite Dike waypoints – “_PG_” (i.e. BG11PG__)
- Quartz Pegmatite Dike waypoints - “_QPG_” (i.e. BG11QPG__)

Important samples sites were photographed with a digital camera for future reference. Rocks, outcrops and sample sites were photographed in the field, and then at home a close up of each sample rock (macro zoom) was taken before being assayed. Before sealing the sample bag for assay, a voucher specimen piece was taken from the sample bag, and marked and securely stored for future reference.

(B) Stream Sediment Surveys:

Usually a stream sediment sample is collected in tandem with a moss mat sample because the moss mats tended to give more reliable data for gold anomalies.

Stream sediment surveys were collected using a clean plastic hand trowel, black or green plastic gold pan (40cm diameter), black plastic door screen (0.1 inch square), and kraft sample bags. Stream sediments were collected from the centre of the main stream channel. A trowel or D-handled spade was used to dig the gravels and sand from the creek bed and the material was dumped into a clean plastic gold pan which had been covered by the black plastic screen. Approximately 4.5 litres of gravel, sand, and silt were collected; sieved with a plastic screen, and lightly panned. Gravels were removed and discarded on the stream bank. The whole remaining sample was troweled or poured into a kraft sample bag. In some cases, the kraft bags were double bagged because they were too wet and would break. The location was GPS'd, and samples were air dried in Kamloops prior to delivery to ALS Minerals (sample prep) in Kamloops and assay at ALS Minerals in Vancouver.

To determine if stream sediment assay results were anomalous they were compared to statistical (90 percentile) references given in Lett, Jackaman, Englund April 2000.

(C) Moss Mat Surveys:

Usually a moss mat sample is collected in tandem with a stream sediment sample because the stream sediment samples tended to give more reliable data for elements other than gold.

Moss mat samples were collected using methods recommended Open File 2000-23 (Lett, Jackaman, Englund April 2000), and based on numerous personal communications with Dr. Ray Letts a co-author. Moss mats were collected by hand from the main stream channel and from (overhanging or partially submerged) moss on the edge of the main water flow. The moss was attached to rocks, logs, and stream banks. Moss Mat samples were compacted tightly into white “cloth” linen-like bags. Approximately 4.0 – 5.0 litres of moss, organics, sands, and silts were collected. Large gravels and sticks were removed unless they were encrusted with sediments. In order to ensure moss mat samples were not cross contaminated while packing them out of the bush the moss mat bags were put into plastic bags. These plastic bags were removed at the vehicle so the samples would not become moldy prior to drying. The location was GPS'd, and samples were air dried in Kamloops prior to delivery to ALS Minerals (sample prep) in Kamloops and assay at ALS Minerals in Vancouver.

Based on recommendations in Open File 2000-23, moss mat sampling is a preferred sampling method for heavy sediments like gold. For the purposes of prospecting at each sample site both a stream sediment sample and a moss mat samples were collected. In the odd case, a moss mat was not collected due to the lack of suitable stream moss for collection purposes. There was no intent to conduct efficacy studies on the two sampling methods as part of this assessment report.

To determine if moss mat assay results were anomalous they were compared to statistical (90 percentile) references given in Lett, Jackaman, Englund April 2000.

(D) Soil Sampling:

Surface soils (exposed in road cuts or skidder trails) containing color anomalies were observed in some locations. On a prospective basis, random soil samples were collected from these apparently altered soil. A shallow pit or hand trench (i.e. 0.5m x 0.5m x 0.4m) was dug with a grub hoe, geotul, or shovel. The soil sample was collected with a clean plastic hand trowel and put in a kraft soil bag. If samples were very wet they were double bagged to ensure the samples was secure. The location was GPS'd and photographed; and samples were then air dried in Kamloops prior to delivery to ALS Minerals (sample Prep) in Kamloops and assay at ALS Minerals in Vancouver. To determine if soil sample assay results were anomalous they were compared to statistical (90 percentile) references given in Open File 1997-9 (Bobrowsky, et al. 1999).

Where possible, soil samples were collected from the top of the B horizon (usually Bf, Bm, Bmf, or Bh) based on the reference *The Canadian System of Soil Classification* (1987) as well as the *Taxonomic Classification of Humus Forms in Ecosystems of British Columbia* (Klinka et al 1981).

(E) Rock Samples:

Rock samples were collected using a geotul, rock hammer, sledge hammer or grub hoe. In certain cases, small prospecting hand trenches (i.e. 0.5m x 0.5m x 0.4m) were made to collect the sample. All samples were broken to a suitable size and collected in plastic samples bags secured with survey ribbon. The plastic bags were permanently marked for identification purposes and survey ribbon (sample no.) was placed inside the bag just in case the markings on the bag were rubbed off.

The location was GPS'd. The collection site and rocks were photographed with a digital camera, and again. (macro zoom) prior to being sent to the assay lab for processing. Where necessary, field notes described the location of the samples and rough sketch maps were made of rock faces showing the detailed sample location. Care was taken to note if samples were a random sample, selective sample, channel sample, grab sample, glacial float sample, stream float sample, or from outcrop. Some rocks were collected, observed and not assayed. These rocks were discarded in a sensitive manner.

(F) Assay and Analytical Procedures:

Most assays were done by ALS Minerals in Vancouver (formerly Alex Stewart Group - Eco Tech Laboratory Limited). ALS Minerals is registered to ISO/IEC 17025-2005 standards to provide complete assurance regarding quality performance. In the interest of brevity, an Analytical Procedure Report is given in the APPENDICES. This document was provided by ALS Minerals. <http://www.alsglobal.com/minerals.aspx>. Acme Analytical Laboratories (Vancouver) Ltd completed some assays through Golden Ridge Resources Ltd. West Kelowna, B.C.

(G) 2012- Exploration and Analytical Results:

For this report, the detailed cost summary is presented at the end of this report just before the APPENDICES. Exploration work completed by David J. Piggan from August 29, 2012 to December 10, 2013 on the BENDGOLD claims. The Mineral Claim Exploration and Development Work/Expiry Date MTOonline documents were recorded under EVENTS 5464070 and 5480642.

TABLE 6: Cost Summary by EVENT Number: The cost summary is at the end of this report just before the APPENDICIES.

Event No.	Date	Area (hectares)	Total Value of Work(\$)	PAC Account (\$)	Total Applied Work (\$)
5464070	August 21, 2013	3,788.6243	\$ 7,466.84	\$ 3,200.08 PAC withdrawal	\$ 10,666.92
5480642	December 12, 2013	2,821.3249	\$6,229.91	(\$3,908.56) PAC credit	\$2,321.35
AREA PROSPECTED		3,788.6243			

In general terms, exploration works involved prospecting, stream sediment sampling, moss mat sampling, soil sampling, outcrop sampling, till float sampling, stream float sampling, small hand trenching in altered soils, hand trenching outcrops, channel sampling, geology mapping, field checking and sampling old historic showings, assaying, and compass/GPS traversing in highly prospective terrain.

The following is a brief summary of the works completed on 3,788.6243 hectares:

- Total Work Expenditures: \$16,896.83. Total Value of Work: \$13,696.75. Total Applied Work Value: \$12,988.27. PAC Account withdrawal \$3,200.08 Event 5464070. PAC Account Credit \$ 3,908.56 Event 5480642 Including \$810.00 from work outside the claim boundary - ALL EXPENDITURES = \$ 17,706.83.
- 11 rock samples were collected and assayed. 6 of these samples were assayed for rare earths. Many of the samples were collected from pegmatite dikes.
- 5 soil samples were collected and assayed.
- 5 stream sediment and 5 moss mat samples collected and assayed.
- 1 hand trench was completed (1.5m x 0.5m x 0.4m). Small trowel digs were made to collect soil samples.
- Work continued on a historic and current database.
- A number of outcrops and infrastructure (roads signs, bridges) were observed and recorded for future reference and exploration.

All exploration, geology, and prospecting related maps, spreadsheets, GPS coordinates, sample descriptions, and assay certificates are given in the APPENDICIES for example:

- Overview maps showing the general location of the geology, samples and prospecting areas.
- Detailed spreadsheets giving the GPS locations of all samples and anomalous samples, sample number, assay tag number and assay certificates, sample descriptions, hand trenches, and etc.
- Detailed maps (1:20,000 and 1:10,000) showing all samples, all anomalous values, and hand trench locations.

Discussion of the 2012/2013 exploration work is provided here in the following sections:

1. Rock Samples: BENDGOLD Pegmatite, Other Pegmatite Dikes, and Other Geology and Rock Anomalies.
2. Soil Samples: Prospecting Soil Samples.
3. Stream Sediment and Moss Mat Samples.
4. Geology and Outcrop Observations.
5. Infrastructure and Hand Trenches.
6. First Nations.

1. ROCK SAMPLES:

A total of 11 rock samples were collected and assayed. A sub-sample of 6 rocks was assayed using a rare earth assay suite. Rock samples were collected from prospective quartz pegmatite dikes and related host rocks, at rock type contacts, and in altered granites. In some cases, a prospecting soil sample (B horizon) was collected next to a rock sample for prospecting purposes. A complete list of all rock samples, GPS coordinates and anomalous results is given in the APPENDIX.

(a) **BENDGOLD PEGMATITE – centre of Tenure 849022** (3 m x 172 degree strike x vertical dip):
A.k.a. Sample 99JLO-2-18-2 Open File 2000-7

In Open File 2000-7 (Logan and Mann April 2000), Jim Logan a BCGS Geologist reported (in part) as follows:

Sample 99JLO-2-18-2: Au 6430 ppb; Bi 562 ppm; Cu 900 ppm “*mus-bio-kspar-qtz pegmatite*”
 (NAD83 Zone 11, 322634E and 5698509N).

This significant gold bismuth anomaly, Bendelin Creek, is located within a quartz pegmatite dike on Tenure 849022. See ILLUSTRATIONS below. A regional stream sediment (RGS) sample at the mouth of Bendelin Creek was Au 72 ppb (RGS sample #82M761068). Clearly, Bendelin Creek is anomalous for Au and further exploration is warranted.

This Au Bi pegmatite anomaly is consistent with other intrusive (quartz) Au Bi MINFILE occurrences in the Baldy Batholith to the south of BENDGOLD which have been explored or discovered by David Piggitt the author. Most notably the CAM-GLORIA MINFILE 082-0266, the LUCKY BEAR MINFILE 082-275, and the recently discovered (David Piggitt) SPAPILEM GOLD (up to Au 6.01 g/t) and SPAPILEM GOLD100 (up to Au 3.4 g/t) showings 6 km west of the CAM-GLORIA showing and currently under option to Mantra Capital Inc. of Vancouver, B. C.

As reported in a previous report ARIS 33216, on September 29, 2011, the **Sample 99JLO-2-18-2** pegmatite was relocated based on the UTM coordinate given in Open File 2000-7. A number of grab rock samples were collected from this dike and assayed. The assay costs (Certificate VAN12201917.1) were paid by Golden Ridge Resources Ltd., 110-2300 Carrington Road, West Kelowna, B.C. V2T 2N6 and their assistance was gratefully acknowledged. The following (Table 7) is a list of the 2011 (previously reported ARIS 33216) anomalous rock samples taken from the same pegmatite dike as **Sample 99JLO-2-18-2**:

TABLE 7: List of 2011 Previously Reported Anomalous Rock Samples taken from Sample 99JLO-2-18-2 (a.k.a. BENDGOLD showing).

Sample Tag	Sample Name	Anomalies and Results of Interest
10E41572 BG11QPGFT5	BG11QPGFT5	Cs 12.4 ppm; Mo 2570 ppm ; Nb 88.2 ppm; Rb 553 ppm
BG11QPG3	BG11QPG3	Mo >2000 ppm. Certificate VAN12001917.1. See Table 8 below.
BG11QPGFT5	BG11QPGFT5	Mo 25.4 ppm
BG11QPG2	BG11QPG2	Mo 17.7 ppm

The following is a list of anomalous rock samples collected and/or assayed in 2012/2013.

TABLE 8: List of 2012/2013 New Anomalous Rock Samples:

Sample Tag	Sample Name	Anomalies and Results of Interest
BG11QPG3	BG11QPG3	Mo 0.73 percent. Certificate VAN12001917A.1. See Table 7 above. Taken from Sample 99JLO-2-18-2 pegmatite dike.
10E41586_BG12QPG22	BG12QPG22	Mo 24.9 ppm. Taken from Sample 99JLO-2-18-2 pegmatite dike.
Outside of Claim Boundary 10E41588_BG12BK88B	BG12BK88B	Ba 950 ppm; Ce 134.5 ppm; Li 137.5 ppm; Ni 179 ppm; Sc 6.1 ppm; Sr 603 ppm; V 129 ppm; Y 17.4 ppm.

ILLUSTRATION #5: View of pegmatite dike in Bendelin Creek looking in easterly direction (and slightly uphill) across the strike. Believed to be the location of Sample 99JLO-2-18-2: Au 6430 ppb, Bi 562 ppm, Cu 900 ppm (Zone 11, 322634E and 5698509N) and is situated in a “*mus-bio-kspar-qtz pegmatite*” within Tenure 850247. This Au Bi Cu discovery was made by Jim Logan (BCGS Geologist) and described in Open File 2000-7 (Logan and Richard Mann 2000). The quartz pegmatite dyke is 3 metres wide (white-ish in foreground) and in a granitic host (gray-ish behind Judy Burr - 165 cm tall) and was re-located by David J. Piggitt and Judy September 29, 2011. (IMG_0545.JPG). 2012/2013 assay results for BG11QPG3 indicate up to Mo 0.73 percent in Certificate VAN12001917A.1



The road into **Sample 99JLO-2-18-2** was blocked by a large soil berm and log, and the bridge across Bendelin Creek had been removed. So access to the site was problematic. The road into the pegmatite dike was heavily brushed-in within with alder for about 70 percent of the 3.2 km walk into the showing. The road was not passable by an all-terrain vehicles (ATV) due to the brush.

ILLUSTRATION #6: View of pegmatite dike in Bendelin Creek looking in southerly direction (and steeply uphill) along the strike. Same location as Illustration #5 above. (IMG_0544 BENDGOLD.jpg)



ILLUSTRATION #7: Sample BG11QPG3 taken from BENDGOLD pegmatite with Mo >2000 ppm. This sample was re-assayed in 2012/2013 and returned Mo 0.73 percent. Note the smokey grey quartz within the pegmatitic matrix (IMG_1024 BG11QPG3).



ILLUSTRATION #8: Close-up of Sample BG11QPG3 taken from BENDGOLD pegmatite with Mo >2000 ppm. This sample was re-assayed in 2012/2013 and returned Mo 0.73 percent.. Smokey grey quartz within the pegmatitic matrix as well as mineralization on right hand side of rock (IMG_1028 BG11QPG3).



ILLUSTRATION #9: Close-up of host granite taken from the BENDGOLD pegmatite (IMG_0565 host rock view).



Although Au was not present in the rocks sampled at the BENDGOLD pegmatite, numerous highly anomalous Mo (up to 0.73 percent – including visible Mo) were observed. The potential for a Au Mo porphyry in this portion of the Baldy Batholith must be carefully considered.

Additional Au Mo exploration is warranted to determine the source of the Au in **Sample 99JLO-2-18-2**, the extent of the pegmatite hosted Mo observed, and the Au in Bendelin Creek gravels **RGS Sample #82M761068**. This work is considered to be a high priority. Exploration should include clearing or brushing the access road, rock sampling, channel sampling, soil and stream sediment surveys, geological mapping, and geophysical surveys.

The following rock samples were anomalous for Mo:

- 10E41572 BG11QPGFT5 (Cs 12.4 ppm; Mo 2570 ppm; Nb 88.2 ppm; Rb 553 ppm)
- BG11QPG3 (Mo 0.73 percent)
- BG12QPG22 (Mo 24.9 ppm – see Illustration #10 on the following page)
- BG11QPG2 (Mo 17.7 ppm)

Sample 10E41572 BG11QPGFT5 was also anomalous for Cs, Nb, and Rb. These elements are considered as RM and/or REE.

ILLUSTRATION #10: Rock sample 10E41586_BG12QPG22 assayed up to Mo 24.9 ppm. (IMG_1440.jpg)



(b) Other Pegmatite Dikes:

Exploration of the Bendelin Creek road system and the Fisher Creek road system identified a number of pegmatite dikes some them over 8 metres wide. The pegmatite dikes varied in character from a large vein system down to a veinlet and/or a stockwork system. In some cases, it was problematic to determine when one dike started/ended and the next pegmatite started/ended. These pegmatite dikes were exposed during road construction and logging operations. A program of pegmatite mapping is required to determine if they are mineralized and if their orientation can be used to consider the source of the pegmatitic flows.

(c) Other Geology and Rock Anomalies:

Paragneiss: In a previous report ARIS 33216, on the boundary between Tenures 850251 and 850258 an unmapped **Dgnp** unit was observed and a sample collected as follows: 10E41571 BG99RA – Ca 1.57 percent; Mo 7.08 ppm (rusty paragneiss). The extent of this unit within the Batholith is unknown.

Limestone, EBt: In a previous report ARIS 33216; in the center of Tenure 850242, along the Rusty Robin FSR and north of Fisher Creek, a number of **EBt** limestone units were observed in large outcrops along the road and in logged areas. (See **ILLUSTRATION 15** below) These units were previously unmapped. This suggests that the **EB (EBt)** encroaches deeper into the Baldy Batholith on the northeast corner of BENDGOLD claims than previously mapped. This suggests the limestone unit is adjacent to or within the Baldy Batholith intrusion. Therefore, the pegmatite dikes, mentioned above, are in close proximity to the **EBt** outcrops. The known limestone units are about 3 km north of the pegmatite dikes. In a previous report ARIS 33216, a one grab sample was collected from **EBt** units outcrop and it returned Ca > 25 percent with no mineralization observed.

ROCKS IN SUMMARY: Based on observations in a previous report ARIS 33216, and on observations and assays from this report, as well as regional data:

- In Open File 2000-23, Moss Mat #24 at the bottom of Fisher Creek returned Au 26 ppb which is anomalous. Based on the RGS stream sediment survey Bendelin Creek is anomalous for Au 72 ppb.
- All the pegmatite dikes found to date were located within Tenures 849022, 849043, and 849046. These tenures are located in the headwaters of Bendelin Creek and Fisher Creek.
- The apparent area of the “known” pegmatite dikes (exposed by road cuts) can be described by an equilateral triangle with sides 2.5 km long. The eastern flank of the triangle has the majority of the pegmatites and they are situated along on the Fisher FSR.
- Almost all of the pegmatite dykes have a near vertical dip.
- The pegmatites and host granites seem to carry varying amounts of Au; Mo; Rb; and other RM and REE.
- The presence of limestone north of Fisher Creek in Tenure 849242 - within or adjacent the granitic intrusion; and the presence of numerous pegmatite dikes in Tenures 849022, 849043, and 849046 may suggest the possibility for a porphyry style deposit.

Additional prospecting, rock sampling, and exploration is required to assess the source and continuity of the anomalous Au; Mo; Rb; and other RM and REE found in Open File 2000-7, Open File 1997-9 (till) , and Open File 2000-23 (moss mats, stream seds). See also the sections given below on soil samples, stream sediments and moss mats.

2. SOIL SAMPLES:

A total of 5 prospecting soil samples were collected and assayed. None of the 5 soil samples were anomalous for Au or Mo but they were anomalous for various RM and/or REE. All soil sample locations, UTM Coordinates, maps, and assay results, including anomalous values, are reported in the APPENDIX in spreadsheets, detailed maps, and assay certificates.

Soil samples were collected in a kraft soil bag using a geotul and plastic trowel. A small hand trench (less than 0.4m x 0.4m x 0.4m) was made where the ground was rocky. Also, prospecting soil samples were taken where glacial float boulders, or observed soil alteration suggested that mineralization may be present.

Additional soil sampling is required in 2014 and 2015 to determine the source of the Au and Mo rock anomalies as well as identify the source of anomalies observed in a previous report ARIS 33216. Including soil grids, and roadside sampling along the Fisher FSR, Rusty Robin FSR, Bendelin FSR is recommended.

3. STREAM SEDIMENT AND MOSS MAT SAMPLES:

A total of 5 stream sediment and 5 moss mat samples were collected. A stream sediment sample was paired with a moss mat sample. For clarity, a stream sediment (e.g. BG13SS1) was taken at the same “time”, “sample site”, and on the same “stream” as its paired moss mat (e.g. BG13MM1). The targeted streams were located in the vicinity of anomalous regional till survey samples or in areas where no previous sampling was done.

In essence, the writer would walk up the centre of the stream breaking stream float rocks, and systematically or randomly collecting samples. At pre-selected or random sites a moss mat and a stream sediment sample was collected. Based on the work of Lett et al (April 2000), the preferred sampling method for gold (in this area) is a moss mat survey because the gold values have a wider variation than a stream sediment survey. Stream sediment surveys are useful for gold and other elements. Moss mat are the preferred method in high energy streams (high gradient). Most of the creeks within the BENDGOLD claims are moderate to high energy streams with some creeks running at 25 to 50 percent in some cases. For example, Fisher Creek, Bendelin Creek, and the creeks flowing north into Gollen Creek or west into Fennell Creek.

In Open File 2000-23, the authors identified the northeast corner of the BENDGOLD claims (Gollen Creek – Fisher Creek area) as an anomalous area for Au in streams based on their stream sediment and moss mat results. Previous RGS sample also identified a number of stream anomalies for example, Bendelin Creek.

ILLUSTRATION #11: Stream Sediment (bottom row) and Moss Mat (top row) samples which have been air dried prior to deliver to ALS Minerals in Kamloops. (IMG_1682.jpg).



ILLUSTRATION #12: David J. Piggin prospecting on Tenure 849022. Collecting a stream sediment 10E41075 BG13SS1 and moss mat 10E41073 BG13MM1 sample (shown above) from the headwaters of Bendelin Creek. (IMG_1572.JPG).



The assay results and locations are reported in the APPENDICES in spreadsheets, detailed maps, and assay certificates. The following two tables give selected anomalous stream sediments and moss mat results for selected elements. Anomalous results were compared to results in Open File 2000-23.

TABLE 9: List of Selected Anomalous Stream Sediment Samples for Selected Elements:

Sample Tag	Selected Anomalous Results
10E41075_BG13SS1	Bi 2.96

TABLE 10: List of Selected Anomalous Moss Mat Samples for Selected Elements:

Sample Tag	Selected Anomalous Results	Tenure/Drainage
10E41578_BG12MM14 on assay certificate		This should have read 10E41579_BG12MM14
10E41578_BG12MM15 on assay certificate.	Ag 0.27 ppm; Mn 3260 ppm; Mo 3.98 ppm; Pb 14.9 ppm	This should have read 10E41580_BG12MM15
10E41073_BG13MM1	Mo 4.91 ppm	

Based on these results and results from the previous report ARIS 33216, additional streams sediment surveys and moss mats are required throughout the BENDGOLD area and especially in Bendelin Creek, south of Bendelin Creek to the claim boundary, Fisher Creek, and the creeks related to the limestone outcrops in the vicinity of Tenure 850242.

4. GEOLOGY AND OUTCROP OBSERVATIONS:

The area has numerous outcrop exposures due to the natural topography, glaciation, as well as road construction and logging. On upper slopes or higher elevations there are relatively shallow to medium depth soils due to glaciation. Therefore, an extensive program of geological mapping and outcrop mapping is required. The geological mapping may focus on locating and mapping pegmatite dikes, limestone in contact with intrusive granite, porphyritic textures in granites, alterations zones, and identifying possible targets for porphyry deposit occurrences.

A number of outcrops and geological features were observed during sampling, and recorded (GPS'd) during field reconnaissance and prospecting works. This information will be used for future exploration work. A partial list is included in the APPENDIX along with the list of samples for future reference and future geological mapping.

5. INFRASTRUCTURE AND HAND TRENCHES:

One hand trenches was constructed 1.5m x 0.5m x 0.4m and a soil sample collected BG12TB.

The road into the BENDGOLD PEGMATITE (BCGS Sample 99JLO-2-18-2: Au 6430 ppb, Bi 562 ppm, Cu 900 ppm; and BG11QPG3: Mo 0.73 percent) on the south side of Bendelin Creek is not passable by vehicle as the bridge is not passable; and the road is brushed in and is not passable to all-terrain-vehicles. See also photo on next page. There is no connecting road between Bendelin Creek and the Fisher Road.

6. FIRST NATIONS: Based on current government information, the following First Nations may have aboriginal interests in the BENDGOLD mineral tenure(s) area. This is a preliminary First Nations contact list and should not be considered conclusive.

- Adams Lake, Chief and Council, Hillcrest Road, PO Box 588, Chase, British Columbia, V0E 1M0
Phone: 250-679-8841, Fax: 250-679-8813
- Neskonlith, Chief and Council, PO Box 608, Chase, British Columbia, V0E 1M0
Phone: 250-679-3295, Fax 250-679-5306
- North Thompson – Simpcw, Chief and Council, PO Box 220, Barriere, British Columbia, V0E 1E0
Phone: 250-672-9995, Fax 250-672-5858
- Little Shuswap Indian Band, Chief and Council, PO Box 1100, Chase, British Columbia, V0E 1M0
Phone: 250-679-3203, Fax 250-679-3220

ILLUSTRATION #13: Judy Burr prospecting on the road to BENDGOLD PEGMATITE . The road is brushed in with alder, willow, aspen and cottonwood. The walk into the BENDGOLD PEGMATITE is 3.2 km. (IMG_1570.JPG).



III – CONCLUSIONS AND RECOMMENDATIONS:

SUMMARY: Based on the previous report ARIS 33216 and on this report, as well as previously published work (Open File 1997-9: P. Bobrowsky et al 1997) (Open File 2000-7 Logan and Mann April 2000) (Open File 2000-23, Lett et al April 2000) (RGS Surveys), further exploration work is required as follows:

1. Overview:

In general terms, prospecting and sampling for the source of pegmatite, soil and stream anomalies is required by: soil, stream, and outcrop sampling and mapping; prospecting for new discoveries; geological mapping; airborne and ground geophysical surveys and related mapping; database management; trenching; and drilling as well as First Nations information sharing and consultation.

2. Specific Exploration Objectives:

- Determine the source of Au, Mo, Mo Ag Pb, RM+REE anomalies in pegmatites/granites and streams within Bendelin Creek and Fisher Creek.
- Improve access into the south side of Bendelin Creek by brushing the road for ATV access. Currently, the walk-in distance is about 3.2 km.
- Determine the source of the pervasive Au; Mo; Mo Ag Pb; RM+REE anomalies in regional soils and stream sediments.
- Locate, map, describe, and sample the numerous pegmatite dikes; and to locate the source of the pegmatitic fluids by mapping the strike and dip, alteration, and textures (e.g. porphyritic textures).
- Map previously unmapped paragneiss (Dgnp) and limestone (EBt) within the Baldy Batholith.

- Assess the potential for Mo (Ag Pb) or Mo Au porphyry deposit in this portion of the intrusion. A five year program of \$1,000,000 is recommended, commencing in 2014 and 2015.

THE DETAILS:

The following conclusions and recommendations were made based on the exploration work completed by David J. Piggin on the BENDGOLD claims from August 29, 2012 to December 10, 2013 as per Events 5464070 and 5480642; ARIS Report 33216 by David J. Piggin; a number of anomalous Au in streams occurrences (RGS Survey; Open File 2000-23); a number of Mo, Rare Metal (RM) and Rare Earth Element (REE) till samples from Open File 1997-7; as well as rock samples and geological mapping from Open File 2000-7. .

1. Exploration Work Completed:

The following is a brief summary of the works completed on 3,788.6243 hectares:

- Total Work Expenditures: \$16,896.83. Total Value of Work: \$13,696.75. Total Applied Work Value: \$12,988.27. PAC Account withdrawal \$3,200.08 Event 5464070. PAC Account Credit \$ 3,908.56 Event 5480642. Including \$810.00 from work outside the claim boundary - ALL EXPENDITURES = \$ 17,706.83.
- 11 rock samples were collected and assayed. 6 of these samples were assayed for rare earths.
- 5 soil samples were collected and assayed.
- 5 stream sediment and 5 moss mat samples collected and assayed.
- One hand trench was made 1.5m x 0.5m x 0.4m.
- Work continued on a historic and current database.
- A number of outcrops and infrastructure (roads signs, bridges) were observed and recorded for future reference and exploration.
- **Rock Samples:** The most notable results from this report were taken from the BENDGOLD pegmatite dike: BG11QPG3: Mo 0.73 percent which was re-assay of a previous result of Mo >2000 ppm.
10E41586_BG12QPG22: Mo 24.9 ppm
NOTE: Important previous results (ARIS 33216) from this pegmatite dike were as follows:
10E41572 BG11QPGFT5: Cs 12.4 ppm; Mo 2570 ppm; Nb 88.2 ppm; Rb 553 ppm.
BG11QPG2: Mo 17.7 ppm.
10E41558 BG11PG7GR*: Ce 82.10 ppm; Gd 3.27 ppm; Hf 4 ppm; Nd 27.4; Pr 8.31 ppm; Rb 268 ppm;
Sm 4.72 ppm; Sr 198.5 ppm; Zr 140 ppm.
10E41569 BG11QPG2BR2: Ba 877 ppm, Ce 84.5 ppm; Dy 2.96 ppm; Er 1.61 ppm; Gd 3.45 ppm; Hf 4.1 ppm;
Ho 0.57 ppm; Nd 26.6 ppm; Pr 8.16 ppm; Sm 4.61 ppm; Zr 140 ppm.
- **Soil Samples:** No new Au Mo soil anomalies were reported in this investigation. Although some RM and/or REE anomalies were observed.
NOTE: Important previous results (ARIS 33216) from soil samples were as follows:
10E41366 BGF00T5: Ag 0.86 ppm; Be 1.48 ppm; Ga 12.2 ppm; Hf 0.98 ppm; In 0.027 ppm; Sc 3.9 ppm;
Ti 0.154 ppm; Zr 67.5 ppm.
10E41353 BG11T3: Ag 0.77 ppm; Be 4.36 ppm; Ce 440 ppm; Co 15.2 ppm; Ga 15.65 ppm; Ge 0.27 ppm;
Hf 0.07 ppm; La 137.5 ppm; Mo 3.95 ppm; Pb 32.4 ppm; Se 3.2 ppm; Sn 1.3 ppm; Ti 0.19 ppm;
U 147.5 ppm; Y 61.90 ppm.
- **Moss Mats and Stream Sediment Samples:** No new significant moss mat and/or stream sediment samples were observed except for 10E41578_BG12MM15 (Ag 0.27 ppm; Mn 3260 ppm; Mo 3.98 ppm; Pb 14.9 ppm) and 10E41073_BG13MM1 (Mo 4.91 ppm).

Based on previous work and on this report, there appears to be an Ag Mo Pb anomaly associated with many of the stream and moss mat samples.

NOTE: Important previous results (ARIS 33216) from stream sediment and moss mat samples were as follows:

Site A: 10E41383 BG11SS9: Mo 14.10 ppm.

10E41382 BG11MM9: Ag 0.474 ppm; Ce 87.6 ppm, Mo 17.55 ppm; Pb 14.1 ppm; U 101.5 ppm.

Site B: 10E41371 BG11SS3: Mo 8.72 ppm; Ni 13 ppm; V 43 ppm.

10E41370 BG11MM3: Mo 9.29 ppm; Y 25.3 ppm.

Site C: 10E41375 BG11SS5: Mo 8.15 ppm.
10E41374 BG11MM5: Ag 0.41 ppm; Mo 13.4 ppm; Pb 15.85 ppm.
Site D: 10E41385 BG11SS10: Mo 4.91 ppm.
10E41384 BG11MM10: Mo 9.44 ppm; Pb 15 ppm.
Site E: 10E41379 BG11SS7: Mo 4.84 ppm; Pb 10.15 ppm
10E41378 BG11MM7: Mo 6.87 ppm; Pb 24.90 ppm; Y 33.2 ppm

2. Au in Streams:

Based on the BCGS RGS stream surveys and Open File 2000-23 (Letts April 2000) Bendelin Creek (Au 72 ppb) and Fisher Creek (Au 26 ppb) are anomalous for Au. Bendelin Creek hosts the **BCGS Sample 99JLO-2-18-2: Au 6430 ppb, Bi 562 ppm, Cu 900 ppm** (Zone 11, 322634E and 5698509N) which is situated in a “*mus-bio-kspar-qtz pegmatite*” (Open File 2000-7, Logan and Mann April 2000).

Grab samples taken from Sample 99JLO-2-18-2 were not anomalous for Au but were anomalous for Mo. Rock samples **10E41572 BG11QPGFT5** (Cs 12.4 ppm; **Mo 2570 ppm**; Nb 88.2 ppm; Rb 553 ppm), **BG11QPG3 (Mo 0.73 percent)**, 10E41586_BG12QPG22 (Mo 24.9 ppm), and BG11QPG2 (Mo 17.7 ppm) are anomalous for Mo; and in the case of 10E41572 BG11QPGFT5 anomalous for Cs, Nb, and Rb.

Extensive stream and soil sampling is required to identify the source of the Au and Mo anomalies in Bendelin Creek, Fisher Creek, and other creeks tributary to the headwaters of Fennell Creek and Gollen Creek.

3. Ag, Mo, and RM+REE in Soil/Till:

Based on Open File 2010-10 (Simandl and Lefebure, 2010 pages 1-2) and expert advice (George Simandl pers. com 2011), soil samples with an accumulated sum (RM in ppm +REE in ppm) of 500 ppm or are anomalous for RMs and REEs; and further investigation is warranted (RM = Nb, Ta, Li, Ga, Ge, Be, Zr, Hf; and REE = Lanthanides plus Y, Sc).

In reviewing the regional till data, all regional till samples at BENDGOLD exceeded 500 ppm for example:

Mo plus RM and REE: The following is a partial list of Regional Till Survey samples (Open File 1997-9) which were anomalous for Mo as well as RM and REEs.

INA Till Sample 969464: Mo 35 ppm; Zn 120 ppm + RM + REE.

The sum of RM and REE is 768.7 ppm.

INA Till Sample 969473: Mo 29 ppm; + RM + REE. The sum of RM and REE is 819.2 ppm.

INA Till Sample 969476: Mo 16 ppm; + RM + REE. The sum of RM and REE is 1,117.3 ppm.

INA Till Sample 969483: Mo 11 ppm; + RM + REE. The sum of RM and REE is 733.5 ppm.

RM and REE only: The following is a partial list of Regional Till Survey samples (Open File 1997-9) which were anomalous for RM and REEs only. See MAP #2 on page 3 for locations.

INA Till Sample 969438: RM + REE only. The sum of RM and REE is 1,539.3 ppm

INA Till Sample 969430: RM + REE only. The sum of RM and REE is 1,253.7 ppm.

INA Till Sample 969474: RM + REE only. The sum of RM and REE is 1,187.5 ppm

INA Till Sample 969449: RM + REE only. The sum of RM and REE is 1,134.9 ppm

Soils samples collected and assayed for this report (Tenures 849022, 849043 and 849046) suggest Ag Mo Pb opportunities in Bendelin Creek and Fisher Creek in additions to the Mo and RM+REE identified in the regional soils data. Additional soil sampling is required throughout the BENDGOLD area and especially in Bendelin Creek, south of Bendelin Creek to the claim boundary, Fisher Creek, and the creeks related to the limestone outcrops in the vicinity of Tenure 850242.

4. Stream Sediments and Moss Mats:

Most of the creeks within the BENDGOLD claims are moderate to high energy streams with many creeks running at 25 to 50+ percent in some cases. Therefore, the streams tend to “flush sediments” during periods of heavy run off. For example, Fisher Creek, Bendelin Creek, and the creeks which flow north into Gollen Creek or west into Fennell Creek.

A stream sediment sample and moss mat sample were collected at each location to improve the reliability of the stream data collected. This follows, in part, the recommendations in Open File 2000-3 (Letts et al April 2000) concerning the of moss mats for Au and heavier metals.

The headwaters of Fisher Creek are anomalous for Ag Mo Pb and Y. Additional streams sediment surveys and moss mats are required throughout the BENDGOLD area and especially in Bendelin Creek, south of Bendelin Creek to the claim boundary, Fisher Creek, and the creeks related to the limestone outcrops in the vicinity of Tenure 850242.

5. Pegmatite Dikes, Porphyritic Textures In Intrusive Rocks, Limestone Outcrops:

Numerous pegmatite dikes were observed in the headwaters of Fisher Creek along the Fisher FSR and in Bendelin Creek. The following is a brief summary of conclusions related to the pegmatite dikes.

- All the pegmatite dikes found to date were located within Tenures 849022, 849043, and 849046.
- The apparent area of the “known” pegmatite dikes (exposed by road cuts) can be described by an equilateral triangle with sides 2.5 km long. The eastern flank of the triangle has the majority of the pegmatites and they are situated along on the Fisher FSR.
- The character of the dikes varied from large veins 8+ metres wide, to a series of veins and stockwork over 50+ linear metres of outcrop, to small veinlets and single veins.
- Almost all of the pegmatite dykes have a near vertical dip.
- The pegmatites and host granites seem to carry varying amounts of Au; Mo, Rb; and other RM and/or REE.
- The presence of limestone north of Fisher Creek in Tenure 849242 - within or adjacent the granitic intrusion; and the presence of numerous pegmatite dikes in Tenures 849022, 849043, and 849046 may suggest the possibility for a porphyry style deposit.
- **A Census of Maximum Values for RM and REE:** Ce in soils up to 440 ppm. Cs in rock up to 12.4 ppm. Dy in rock up to 2.96 ppm. Ga in rock up to 44.7 ppm. Ge in rock up to 0.12 ppm. Er in rock up to 1.43 ppm. Eu in rock up to 0.52 ppm. Ge in rock up to 0.13 ppm. Gd in rock up to 3.45 ppm. Hf in rock up to 4.1 ppm. Ho in rock up to 0.57 ppm. In in rock up to 0.054 ppm. La in soil up to 137.5 ppm. Li in soil up to 106.5 ppm. Nb in rock up to 88.2 ppm. Nd in rock up to 27.4 ppm. Pr in rock up to 8.31 ppm. Rb is common to granites and pegmatites with grades up to Rb 553 ppm. Re in rock up to 0.007 ppm. Sc in rock up to 15.8 ppm. Se in rock up to 1.6 ppm. Sm in rock up to 4.72 ppm. Ta in rock up to 23.5 ppm. Tb in rock up to 0.44 ppm. Te in rock up to 0.19 ppm. Th in rock up to 33.4 ppm. Tl in rock up to 1.8 ppm. Tm in rock up to 0.25 ppm. U in rock up to 13.75 ppm. Y in rock up to 15.8 ppm. Yb in rock up to 1.75 ppm. Zr in rock up to 140 ppm.

The occurrence of pegmatites dikes at BENDGOLD, granitic rocks with a porphyritic texture; the mapping of alterations zones; and the mapping of limestone outcrops in close proximity to the intrusive may be useful in assessing the potential for a Mo Au (Bendelin Creek) or Mo (Ag Pb) (Fisher Creek) porphyry deposit in this portion of the intrusion; and therefore, is a priority for exploration.

6. **British Columbia Geological Survey** (BCGS) Open File reports are extremely useful for prospecting the BENDGOLD area. There is a wealth of geological, mapping, geochemical, sampling, and exploration information in the till, stream chemistry, moss mat, stream sediment, and mapping data. The GeoFile 2005-4 download data set proved to be invaluable for spatial mapping purposes. It was noted that GeoFile 2005-4 needs to be updated with respect to new mapping available in Open File 2000-7. Personal communication with Dr. Ray Letts, Dr. George Simandl, and Jim Logan both of the BCGS proved invaluable for exploration.
7. **Spatial Data:** Work has commenced on a digital database for BENDGOLD. There are published and government data files for stream chemistry, stream surveys, soil and till sampling, rock sampling, heavy metal concentrates, and related information. There is a need to bring all this data together into a spatial data base to help define targets.

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AUTHORS QUALIFICATIONS

The author has been a prospector since 1997 and has the following qualifications:

- Registered Professional Forester (2412).
- Retired in 2009 from the Ministry of Forests and Range, Southern Interior Forest Region with 35 years of meritorious service.
- Director, Vice President, and Member of the Kamloops Exploration Group (KEG).
- Plan and participate in KEG meetings in Kamloops since 1997.
- Attend the Cordilleran Roundup (Vancouver) and maintained a prospector's booth for most years.
- Attend the KEG (Kamloops) and maintained a prospector's booth for most years.
- KEG Prospectors Course (University College of the Cariboo) in 1997.
- Attended numerous KEG and Geoscience BC short courses or field trips for prospecting, geochemistry, (basic) geophysics, mineralization, ore bodies, and formations such as the Nicola Volcanics.
- Attended numerous KEG and Geoscience BC field trips to Afton (Abacus), New Gold Inc (underground), Gibraltar, Mount Polley, Highland Valley Copper, Samatosum, Copper Mountain, and etc.
- Conducted numerous "one on one" field tours of properties with company geologists, and government geologists.
- Conducted one rotary wing geological inspection with geologist.
- Completed Prospectors Assistance Grant #98/99 P94.
- Completed contract staking for mining companies.
- Completed contracts for over 80 line kilometers of soil surveys for mining companies.
- Collected 2500+ of soil samples for assay by exploration companies.
- Collected 500+ prospecting soil samples.
- Collected 400+ moss mats and stream sediments samples.
- Collected 400+ rock samples.
- Completed advanced courses in Mathematics and Physics in the 1970s; and Forest Sciences such as Forest Hydrology, Forest Soils, Forest Ecology, Statistics, and Forest Mensuration in the 1980s..
- Project Management Courses, Continuous Improvement, Conflict Resolution, Coaching & Facilitating (meetings and teams), and business processes.
- Member of Provincial Working Groups related to government initiatives.
- Budgeted and implemented up to \$ 1.2 million per year of forestry related contracts.
- Contracted and supervised professionals working to a scientific standard.
- Certified Incident Commander for forest fires.
- Completed Assessment Reports as follows:
 - 29378 July 4, 2007 \$ 6,375.11;
 - 29407 November 18, 2007 \$ 11,040.10;
 - 29569 August 26, 2007 ;
 - 29709 December 20, 2007 \$ 7,037.87;
 - 29960 March 1, 2008 \$ 25,177.09;
 - 30869 June 2, 2009, \$ 29,959.06;
 - 32076 for Astral Mining Corporation, June 7, 2011, \$ 78,250.27;
 - 32383 for Astral Mining Corporation \$21,824.78;
 - 33202 SASKUM BEAR for David J. Piggan,
 - 33216: BENDGOLD for David J. Piggan, \$ 37,007.66
 - 33190 HONEYMOON and BARRIERE RIDGE Astral Mining Corporation, July 18, 2012, \$ 344,154.71.
 - ***** HONEYMOON and BARRIERE RIDGE Astral Mining Corporation, April 2, 2013, \$ 97,303.43.
- Optioned/sold the MAGNUM Claims (near Ajax Pit at Afton) to New Gold Inc, near Kamloops, British Columbia.
- Optioned the HONEYMOON Claims to Acrex Ventures Ltd., Vancouver, British Columbia.
- Optioned the HONEYMOON Claims S to Astral Mining Corporation, Vancouver, British Columbia.
- Optioned the BARRIERE RIDGE Claims to Astral Mining Corporation, Vancouver, British Columbia.

Software Programs and Equipment Used, In Support of this Report

The following computer software and equipment used in support of the exploration and development work, and in the preparation of this report.

1. Microsoft Office 2010: EXCEL, WORD, OUTLOOK, ACCESS.
2. Internet Explorer (version 7).
3. Mineral Tenures Online mapping software.
4. ARIS MapBuilder.
5. MINFILE, Ministry of Mines – Open Files and related data.
6. Arcview 3.2a and ArcGIS
7. Adobe Acrobat 9 Pro.
8. Trackmaker version 13.1 (freeware) for GPS download.
9. DNR Garmin GPS download.
10. Garmin 12XL – Global Positioning Unit.
11. Garmin GPSmap 60CSx – Global Positioning Unit.
12. Canon A630 and A1100 digital camera.
13. ICOM road radio and hand held radio for safety.
14. Stone Blaze, belt chain, surveying tool.
15. Hand held Ranger Silva Compass, Azimuth.
16. Clinometer, Sunnto, (degrees, percent).
17. Iwamoto Hand lens.
18. Survey ribbon (various colours), metal tags, and tyvek tags with wire.
19. Rock hammer, geotul, and various sledge hammers, shovels, and trowels.
20. Gold pan, black, for collecting sediment samples prior to bagging.
21. Black plastic door screen (0.1 inch square mesh) for screening stream sediment samples.
22. Samples were collected with plastic bags (rock), stream sediments/soil (kraft bags), moss mats (linen bags).
23. 2 Trapper Nelson pack boards with sacks.
24. Ford, F150 4x4 pickup, with canopy/boat racks.
25. Shindawa powersaw and Husqvarna Chainsaw.
26. Forest Fire Prevention: 1 hand tank pump (fire), fire extinguishers, shovels, grub hoes, axes.
27. First aid kit for safety.

BENDGOLD: COST SUMMARY

Event	Dates	Total Value of Work	Total Applied Work Value	PAC
5464070	August 21, 2013	\$ 7,466.84	\$ 10,666.92	\$3,200.08
5480642	December 12, 2013	\$ 6,229.91	\$ 2,321.35	\$ (3,908.56)
TOTALS		\$ 13,696.75	\$ 12,988.27	
		PAC credit	\$ 3,908.56	

Aug 29, 2012 to
Aug 21, 2013
Aug 22, 2013 to
Dec 10, 2013

Total Amount of Work before PAC Credit		\$ 16,896.83
Total Expenditures outside claim boundary		\$ 810.00
		\$ 17,706.83

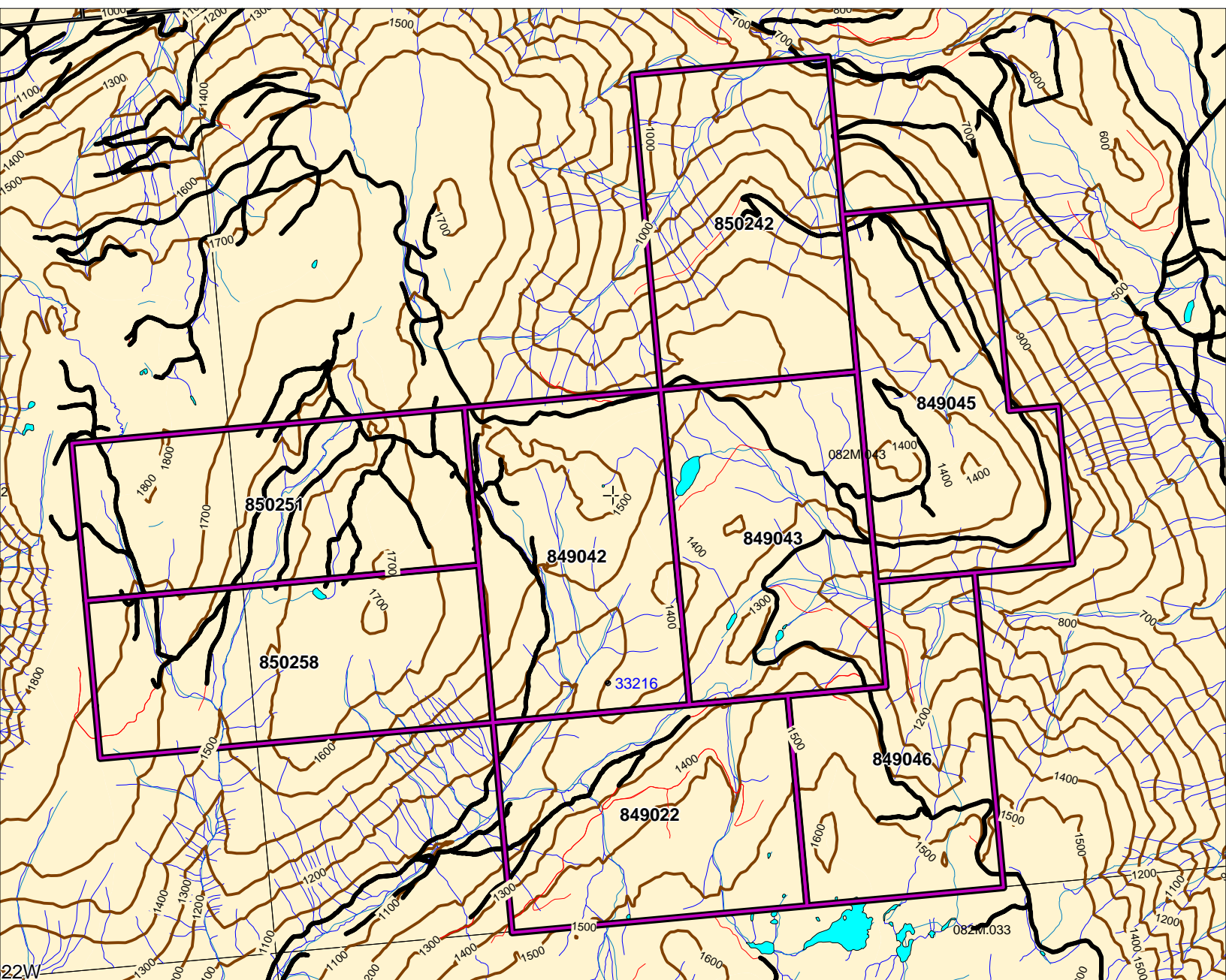
Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
David J. Piggin, RPF, Prospector	September 13, 2012	1	\$350.00	\$350.00	
Judy Burr, Prospector	September 13, 2012	1	\$300.00	\$300.00	
David J. Piggin, RPF, Prospector	September 15, 2012	1	\$350.00	\$350.00	
David J. Piggin, RPF, Prospector	September 20, 2012	1	\$350.00	\$350.00	
David J. Piggin, RPF, Prospector	October 12, 2012	1	\$350.00	\$350.00	
Leonard Piggin, Prospector	October 12, 2012	1	\$350.00	\$350.00	
David J. Piggin, RPF, Prospector	April 15, 2013	1	\$350.00	\$350.00	
David J. Piggin, RPF, Prospector	September 3, 2013	1	\$350.00	\$350.00	
David J. Piggin, RPF, Prospector	September 26, 2013	1	\$350.00	\$350.00	
Judy Burr, Prospector	September 26, 2013	1	\$300.00	\$300.00	
David J. Piggin, RPF, Prospector	October 8, 2013	1	\$350.00	\$350.00	
David J. Piggin, RPF, Prospector	October 9, 2013	1	\$350.00	\$350.00	
David J. Piggin, RPF, Prospector	October 10, 2013	1	\$350.00	\$350.00	
				\$4,100.00	\$4,100.00
Office Studies	List Personnel (note - Office only, do not include field days)				
Literature search		1	\$350.00	\$350.00	
Review assay certificates		1.5	\$350.00	\$525.00	
Database compilation		2	\$350.00	\$700.00	
			\$350.00	\$0.00	
Computer modelling			\$0.00	\$0.00	
Reprocessing of data			\$0.00	\$0.00	
General research		1	\$350.00	\$350.00	
Report preparation		6	\$350.00	\$2,100.00	
Other (specify) Professional/technical discussions with Acme and ALS concerning resampling, and rare earth assays.		1.5	\$350.00	\$525.00	
Other (specify)			\$350.00	\$0.00	
				\$4,550.00	\$4,550.00
Airborne Exploration Surveys	Line Kilometres / Enter total invoiced amount				

Aeromagnetics			\$0.00	\$0.00	
Radiometrics			\$0.00	\$0.00	
Electromagnetics			\$0.00	\$0.00	
Gravity			\$0.00	\$0.00	
Digital terrain modelling			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
Remote Sensing	Area in Hectares / Enter total invoiced amount or list personnel				
Aerial photography			\$0.00	\$0.00	
LANDSAT			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Geological mapping	0			\$0.00	
Regional	note: expenditures here			\$0.00	
Reconnaissance	should be captured in Personnel			\$0.00	
Prospect	field expenditures above			\$0.00	
Underground				\$0.00	
Trenches				\$0.00	
				\$0.00	\$0.00
Ground geophysics	Line Kilometres / Enter total amount invoiced list personnel				
Radiometrics				\$0.00	
Magnetics				\$0.00	
Gravity				\$0.00	
Digital terrain modelling				\$0.00	
Electromagnetics	note: expenditures for your crew in the field			\$0.00	
SP/AP/EP	should be captured above in Personnel			\$0.00	
IP	field expenditures above			\$0.00	
AMT/CSAMT				\$0.00	
Resistivity				\$0.00	
Complex resistivity				\$0.00	
Seismic reflection				\$0.00	
Seismic refraction				\$0.00	
Well logging	Define by total length			\$0.00	
Geophysical interpretation				\$0.00	
Petrophysics				\$0.00	
Other (specify)				\$0.00	
				\$0.00	\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Drill (cuttings, core, etc.)			\$0.00	\$0.00	
Rock Certificate KL13064018	10E41584_BG12QPG87A, 10E41585_BG12QPG86A, 10E41586_BG12QPG22, 10E41587_BG12QPG88A, 10E41588_BG12BK88B, 10E41589_BG12ALTA	6	\$48.69	\$292.11	

Rock Certificate KL13064018	samples not inside claim boundary	5	\$48.69	(\$243.43)	
Moss Mat Certificate KL13064019	10E41578_BG12MM13, 10E41578_BG12MM14, 10E41578_BG12MM15	3	\$51.63	\$154.90	
Stream sediment Certificate KL13062830	10E41581_BG12SS13, 10E41582_BG12SS14, 10E41583_BG12SS15	3	\$57.25	\$171.74	
Soil Certificate KL13068231	10E41573_BG12TA, 10E41574_BG12TB, 10E41575_BG12TC, 10E41576_BG12QPG86T1, 10E41577_BG12ALTAT1	5	\$42.89	\$214.47	
Soil Certificate KL13064031	samples not inside claim boundary	5	\$42.89	(\$214.47)	
Moss Mat Certificate KL13184935	10E41073_BG13MM1 10E41074_BG13MM2	2	\$27.95	\$55.89	
Stream sediment Certificate KL13184936	10E41075_BG13SS1 10E40176_BG13SS2	2	\$21.40	\$42.79	
Moss Mat Certificate KL13199948	10E41073_BG13MM1 10E40174_BG13MM2	2	\$40.90	\$81.80	
Stream Sediment Certificate KL13199949	10E41075_BG13SS1 10E40176_BG13SS2	2	\$40.90	\$81.80	
Rock (resample) VAN12001917A.1	BG11QPG1, BG11QPG2, BG11QPG2A, BG11QPG3, BG11QPG4, BG11QPGFT5	6	\$35.52	\$213.14	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$850.75	\$850.75
Drilling	No. of Holes, Size of Core and	No.	Rate	Subtotal	
Diamond			\$0.00	\$0.00	
Reverse circulation (RC)			\$0.00	\$0.00	
Rotary air blast (RAB)			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
Other Operations	Clarify	No.	Rate	Subtotal	
Trenching			\$0.00	\$0.00	
Bulk sampling			\$0.00	\$0.00	
Underground development			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
				\$0.00	\$0.00
Reclamation	Clarify	No.	Rate	Subtotal	
After drilling			\$0.00	\$0.00	
Monitoring			\$0.00	\$0.00	

APPENDICIES

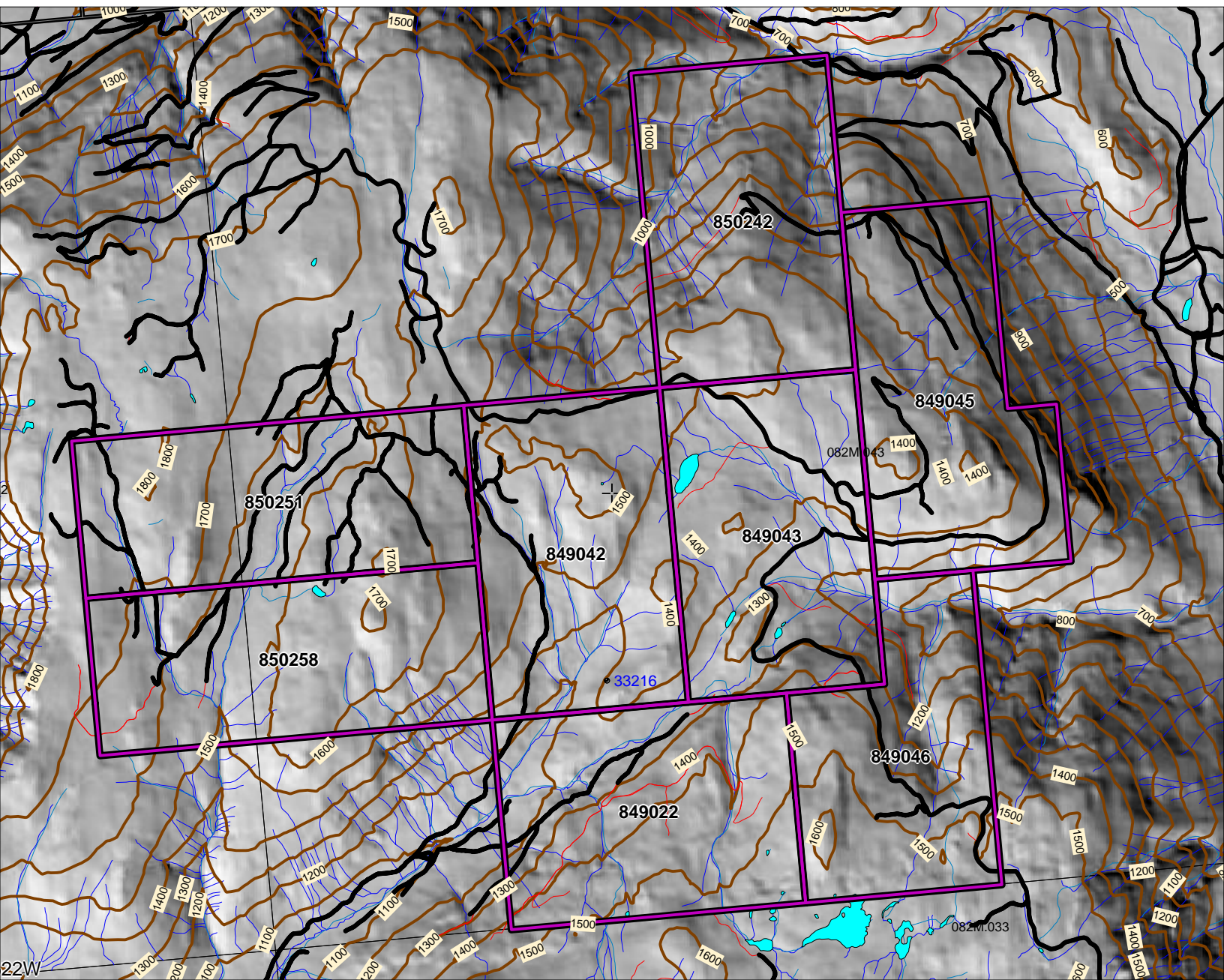
BENDGOLD: OVERVIEW OF TENURES, ROADS, AND CONTOURS



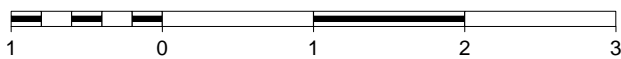
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BENDGOLD: OVERVIEW OF TENURES, ROADS, AND CONTOURS



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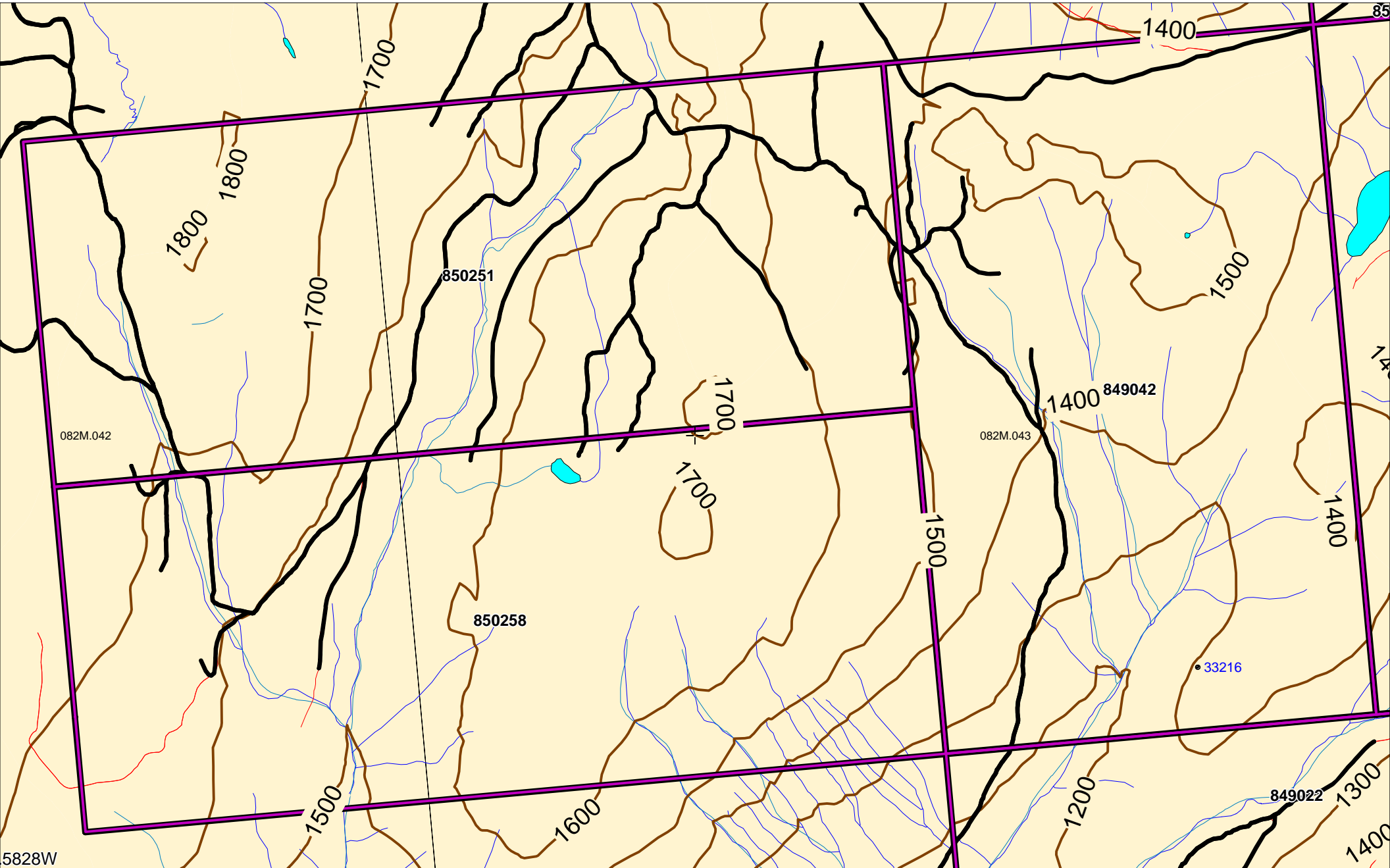


KILOMETERS

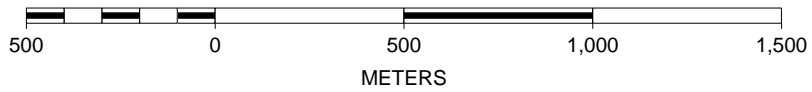
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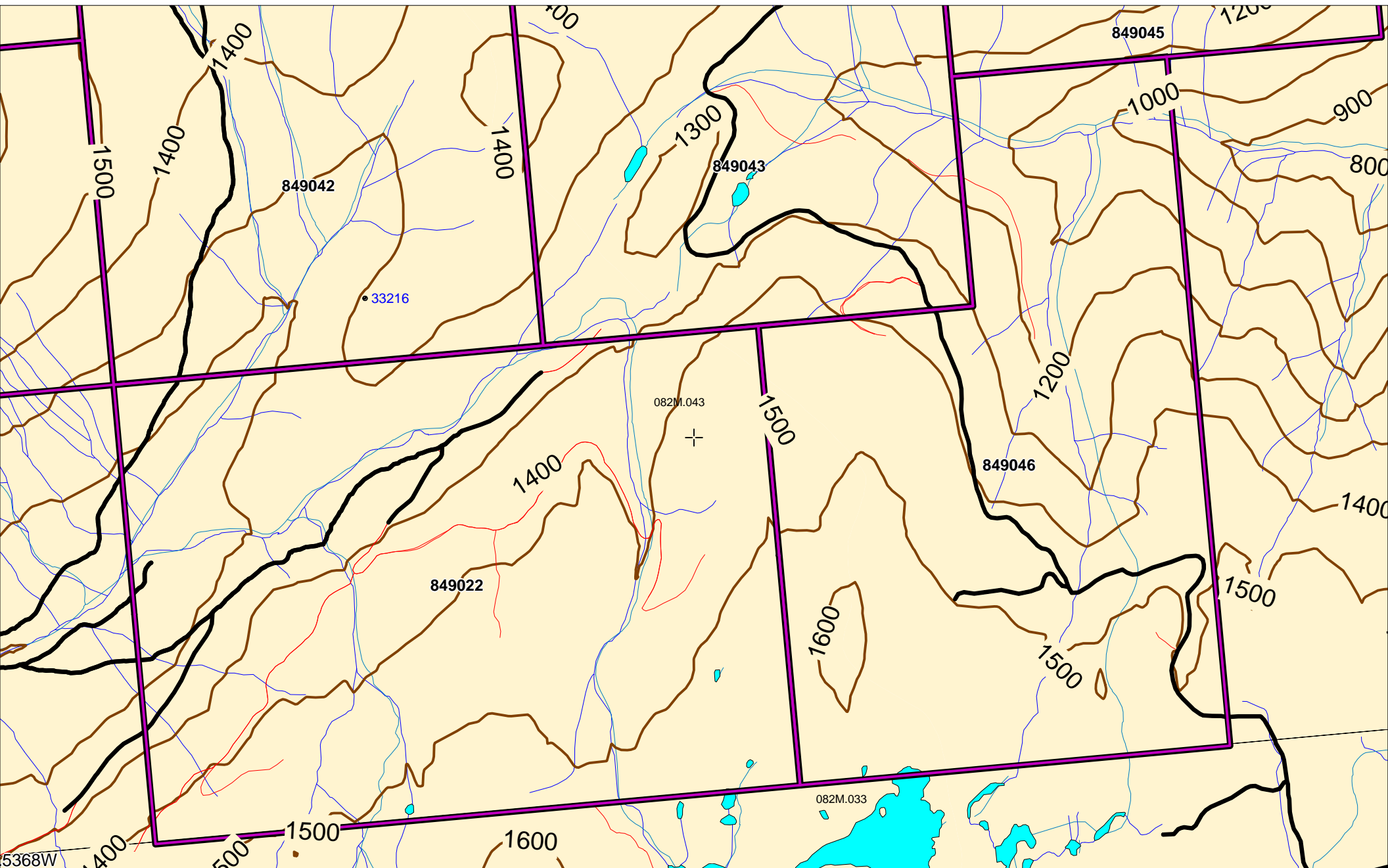
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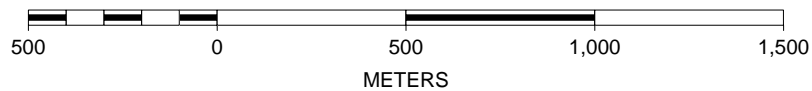
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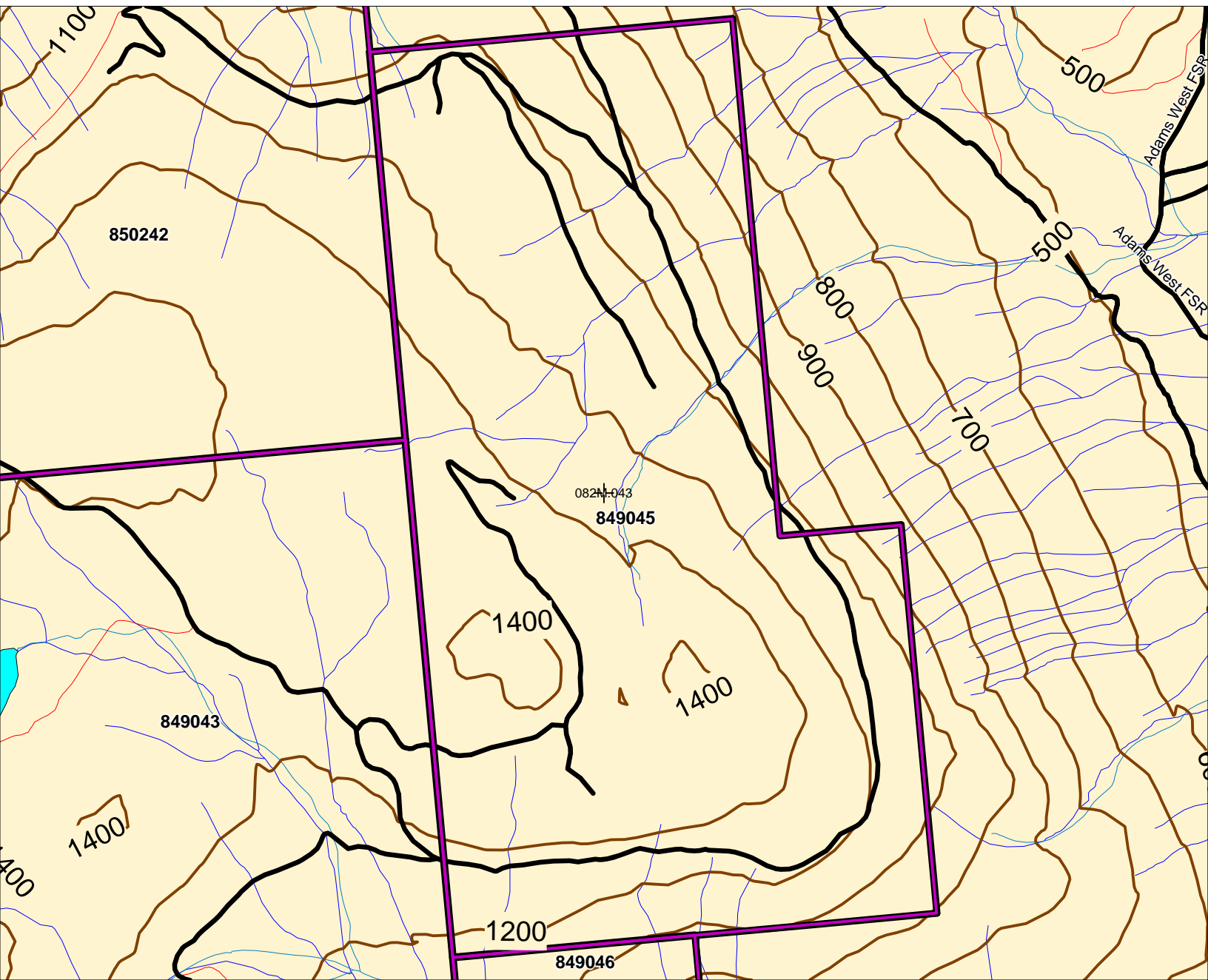
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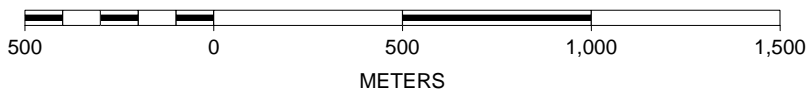
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BENDGOLD: DETAIL - TENURES, ROADS, AND CONTOURS (EAST)



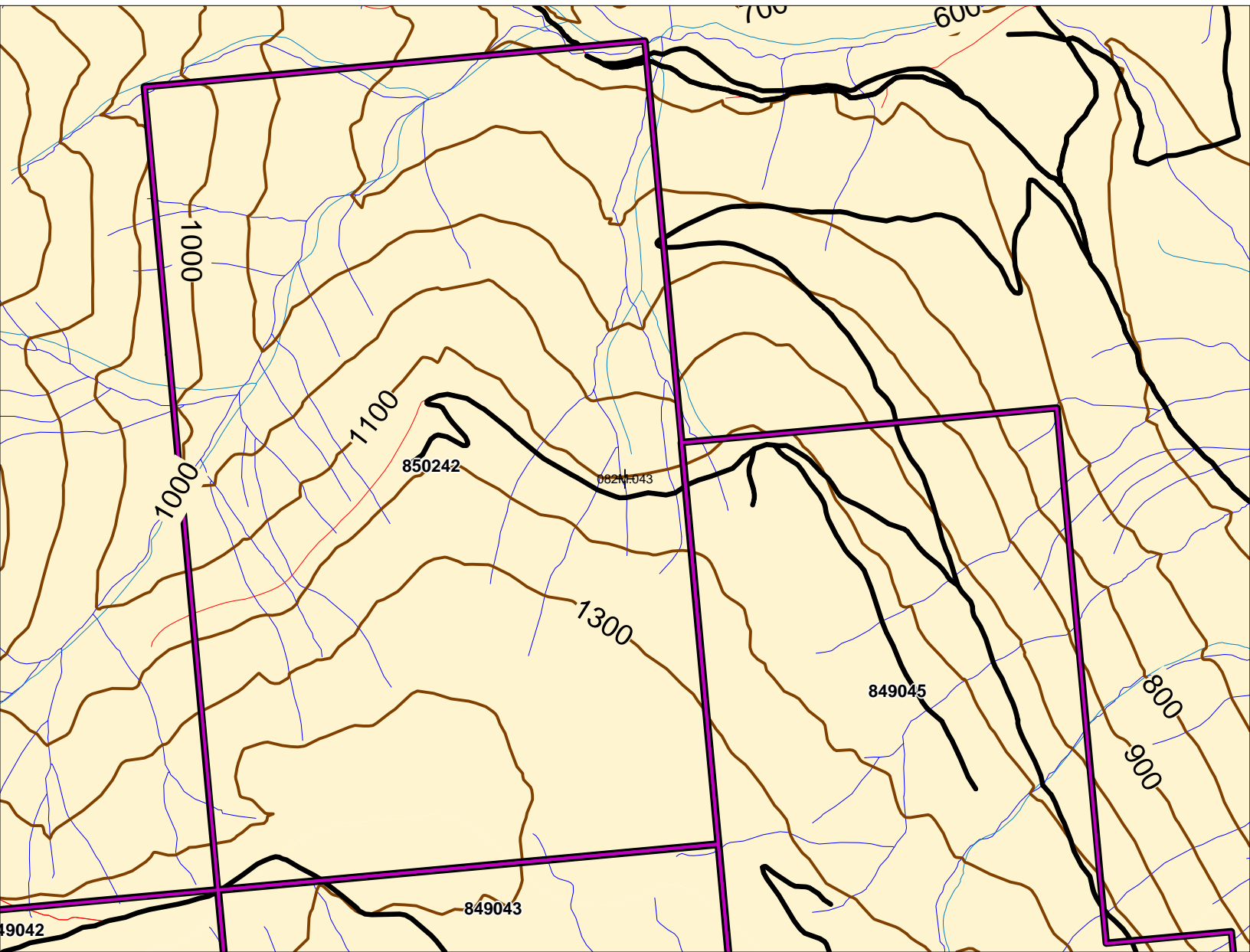
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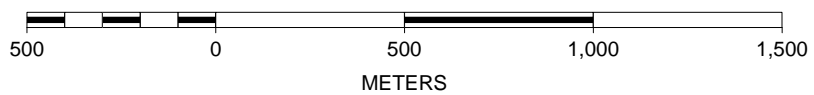
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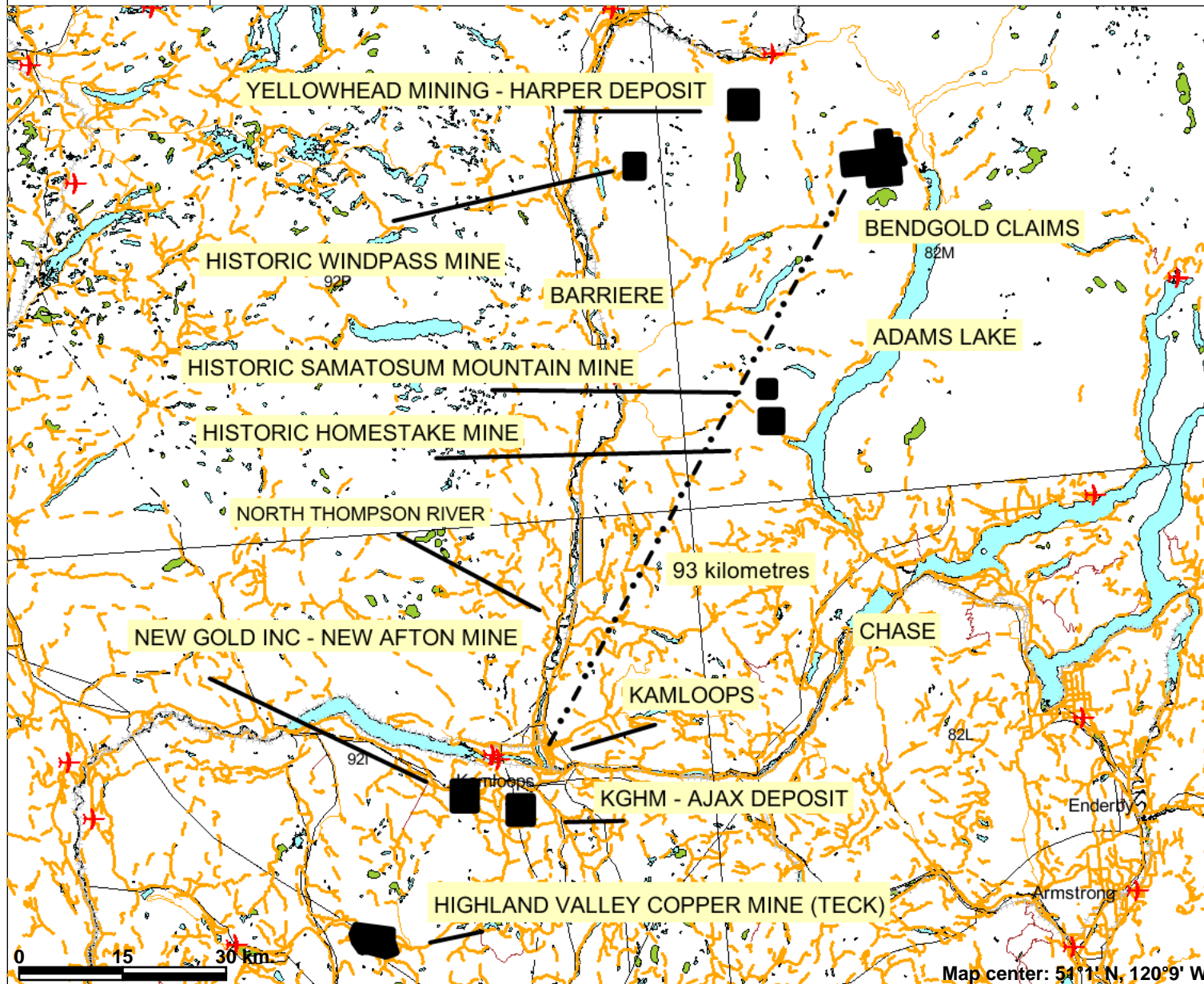
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BENDGOLD, AND OTHER DEPOSITS



Legend

NTS Grid
 Annotation (1:250K)
 Transportation - Points (1:250K)

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

Transportation - Lines (1:250K)

- Ferry Route
- Aerial Cableway
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 3 Lanes
- Road - Paved.lanes.2or More.Divided
- Road (Paved Undivided) - Not Elevated - 1 Lane
- Road (Paved Undivided) - Not Elevated - 2 Lanes
- Road - Paved.lanes.3or More.Undivided
- Road (Unimproved)
- Road - Loose.access Dry Weather
- Road (Winter Road)
- Road - Paved.lanes.2.Undivided
- Road - Paved.lanes.2.Undivided.U/C
- Road - Paved.Divided.access.Non Standard
- Track - Cart/Tractor
- Causeway (Railway)
- Cut (Roadway)
- Trail
- Tunnel
- Bridge
- Rail Line - Narrow Gauge - Single Track

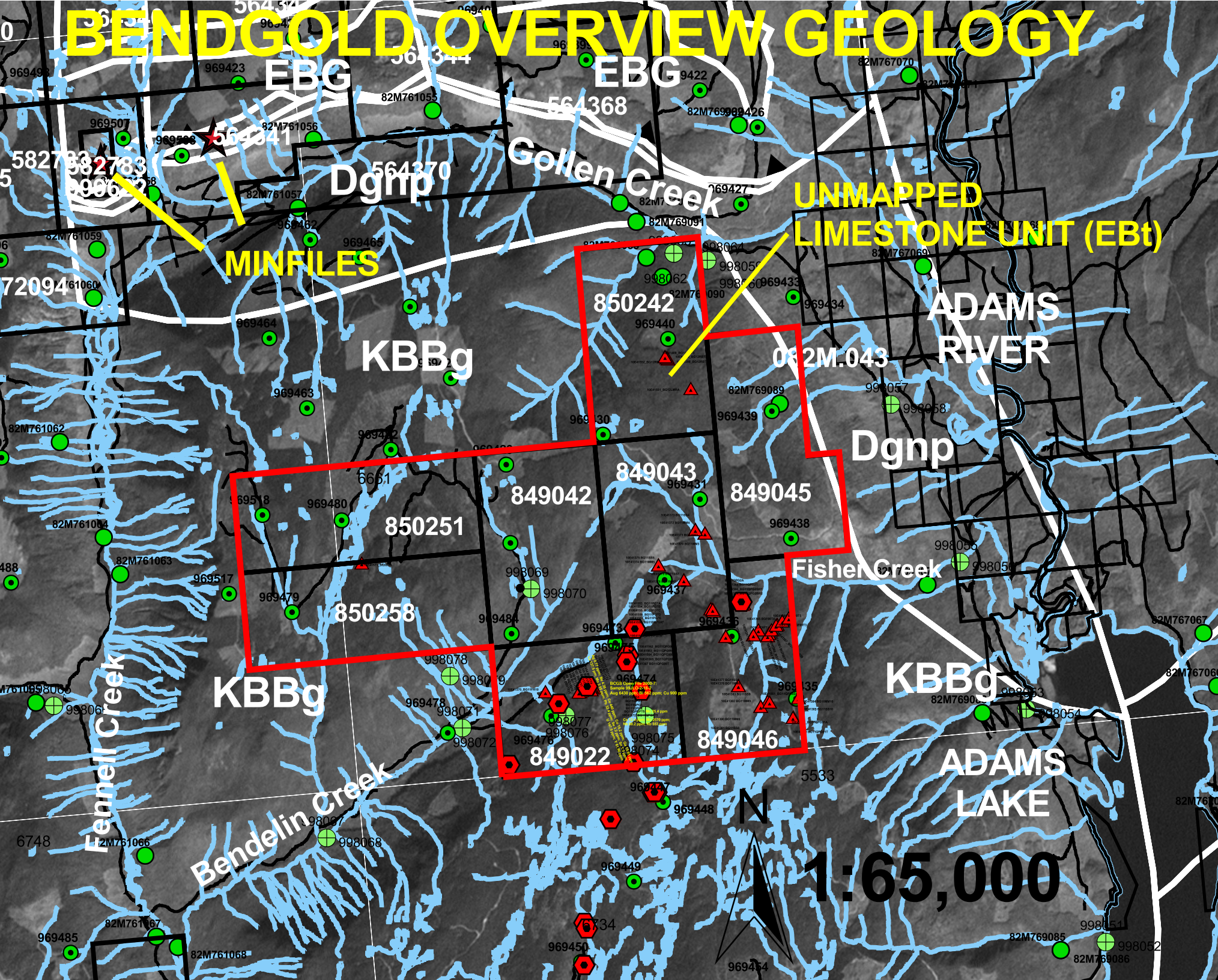
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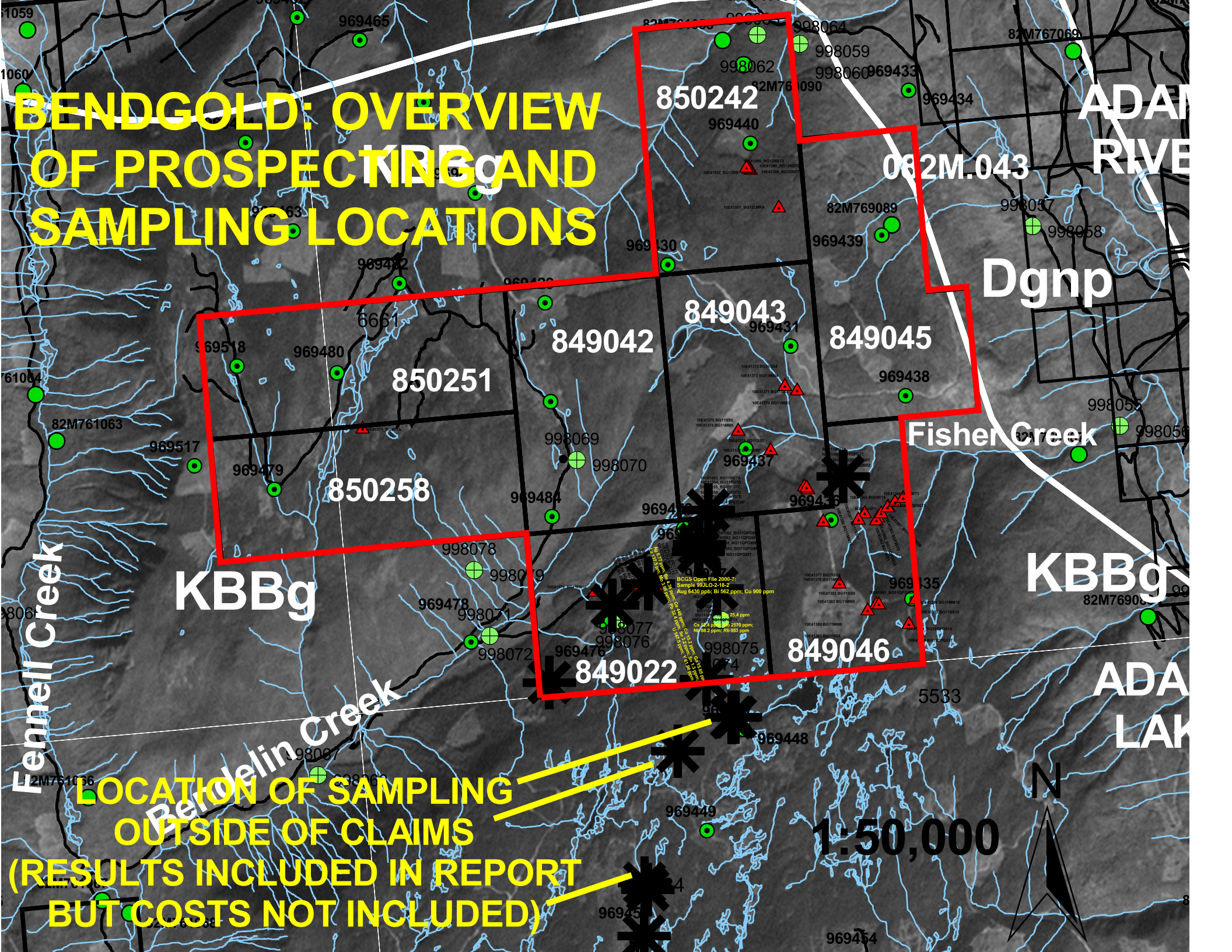
Map center: 51°1' N, 120°9' W

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.

BEND GOLD OVERVIEW GEOLOGY



BENDGOLD: OVERVIEW OF PROSPECTING AND SAMPLING LOCATIONS



LOCATION OF SAMPLING OUTSIDE OF CLAIMS (RESULTS INCLUDED IN REPORT BUT COSTS NOT INCLUDED)

1:50,000

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BENDGOLD: ROCK, SOIL, MOSS MAT, STREAM SEDIMENT SAMPLES; HAND TRENCH; AND GEOLOGY									
LIST OF ALL SAMPLES INCLUDING ANOMALOUS RESULTS									
Sample Names are paired for each moss mat and stream sediment sample (e.g. BG13MM1 is the same location as BG13SS1)									
UTM Coordinates are in NAD83.		A total of 26 samples collected: 11 rocks, 5 soil, 5 moss mats, 5 stream sediments.							
ROCK SAMPLES ONLY:									
A total of 11 rock samples were assayed; of which 6 samples were also assayed for rare earths and rare earth elements.									
Sample Tag	Sample Name	Assay Certificate	Waypoint	Zone	Easterly	Northerly	Elevation (m)	Anomalous Values	Comment
BG11QPG3	BG11QPG3	VAN12001917.1	99jlo-2-18	11	322586.176	5698555.499	1360.14	Mo >2000 ppm	grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPG3	BG11QPG3	VAN12001917A.1	99jlo-2-18	11	322586.176	5698555.499	1360.14	Mo 0.73 percent	grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
10E41586_BG12QPG22	BG12QPG22	KL13064018	99jlo-2-18	11	322586.176	5698555.499	1360.14	Mo 24.9 ppm	grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
Outside of Claim Boundary 10E41587_BG12QPG88A	BG12QPG88A	KL13064018	Bg12qpg88a	11	322680.277	5696631.507	1618.97		grab sample; pegmatite dike, 14 to 20cm, strike 80 to 86 deg, vertical dip
Outside of Claim Boundary 10E41588_BG12BK88B	BG12BK88B	KL13064018	Bg12qpg88a	11	322680.277	5696631.507	1618.97	Ba 950 ppm; Ce 134.5 ppm; Li 137.5 ppm; Ni 179 ppm; Sc 6.1 ppm; Sr 603 ppm; V 129 ppm; Y 17.4 ppm.	grab sample; host rock adjacent to pegmatite dike, 14 to 20cm, strike 80 to 86 deg, vertical dip
Outside of Claim Boundary 10E41589_BG12ALTA	BG12ALTA	KL13064018	Bg12alta	11	322037.274	5694606.181	1577.4		grab sample; alteration rock

ROCK SAMPLES ONLY - continued.									
Sample Tag	Sample Name	Assay Certificate	Waypoint	Zone	Easterly	Northerly	Elevation (m)	Anomalous Values	Comment
BG11QPG1	BG11QPG1	VAN12001917.1	99jlo-2-18	11	322586.176	5698555.499	1360.14		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPG1	BG11QPG1	VAN12001917A.1	99jlo-2-18	11	322586.176	5698555.499	1360.14		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPG2	BG11QPG2	VAN12001917.1	99jlo-2-18	11	322586.176	5698555.499	1360.14		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPG2	BG11QPG2	VAN12001917A.1	99jlo-2-18	11	322586.176	5698555.499	1360.14		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPG2A	BG11QPG2A	VAN12001917.1	Bg11qpg2a	11	324931.254	5699479.219	1218.11		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPG2A	BG11QPG2A	VAN12001917A.1	Bg11qpg2a	11	324931.254	5699479.219	1218.11		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
Outside of Claim Boundary 10E41584_BG12QPG87A	BG12QPG87A	KL13064018	Bg12qpg87a	11	322119.805	5695203.148	1597.34		grab sample; pegmatite dike, no strike or dip, small narrow
Outside of Claim Boundary 10E41585_BG12QPG86A	BG12QPG86A	KL13064018	Bg12qpg86a	11	322146.046	5695120.755	1588.93		grab sample; pegmatite dike, 188 deg strike, 75 deg dip to east

ROCK SAMPLES ONLY - continued.									
Sample Tag	Sample Name	Assay Certificate	Waypoint	Zone	Easterly	Northerly	Elevation (m)	Anomalous Values	Comment
BG11QPG4	BG11QPG4	VAN12001917.1	99jlo-2-18	11	322586.176	5698555.499	1360.14		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPG4	BG11QPG4	VAN12001917A.1	99jlo-2-18	11	322586.176	5698555.499	1360.14		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPGFT5	BG11QPGFT5	VAN12001917.1	99jlo-2-18	11	322586.176	5698555.499	1360.14		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
BG11QPGFT5	BG11QPGFT5	VAN12001917A.1	99jlo-2-18	11	322586.176	5698555.499	1360.14		grab sample; pegmatite dike, same as BCGS sample 99jlo-2-18
SOILS SAMPLES ONLY: A total of 5 samples collected and assayed.									
Sample Tag	Sample Name	Assay Certificate	Waypoint	Zone	Easterly	Northerly	Elevation (m)	Anomalous Values	Comment
Outside of Claim Boundary 10E41573_BG12TA	BG12TA	KL13068231	Bg12ta	11	323378.731	5696932.474	1555.53	Ce 56.4 ppm; Li 30.9 ppm; Nb 5.52 ppm	Bf horizon
Outside of Claim Boundary 10E41574_BG12TB	BG12TB	KL13068231	Bg12tb	11	323350.987	5696935.489	1551.44	Nb 3.82 ppm	Bf horizon, rusty brown soil stain
Outside of Claim Boundary 10E41575_BG12TC	BG12TC	KL13068231	Bg12tc	11	323330.447	5696933.663	1548.32	Be 1.18 ppm; Ce 171 ppm; La 50.4 ppm; Li 45.8 ppm; Nb 2.93 ppm; U 56.6 ppm; Y 24.4 ppm	Bf horizon

Outside of Claim Boundary 10E41576_BG12QPG86T 1	BG12QPG86T1	KL13068231	Bg12qpg86a	11	322146.046	5695120.755	1588.93	Nb 4.7 ppm	south of BG12QPG86A due to snow, ice
Outside of Claim Boundary 10E41577_BG12ALTAT1	BG12ALTAT1	KL13068231	Bg12alta	11	322037.274	5694606.181	1577.4	Li 56.8 ppm; Nb 11.05 ppm; Sn 1.2 ppm	soil sample alteration BG12ALTA

MOSS MAT SAMPLES ONLY: A total of 5 samples collected and assayed.

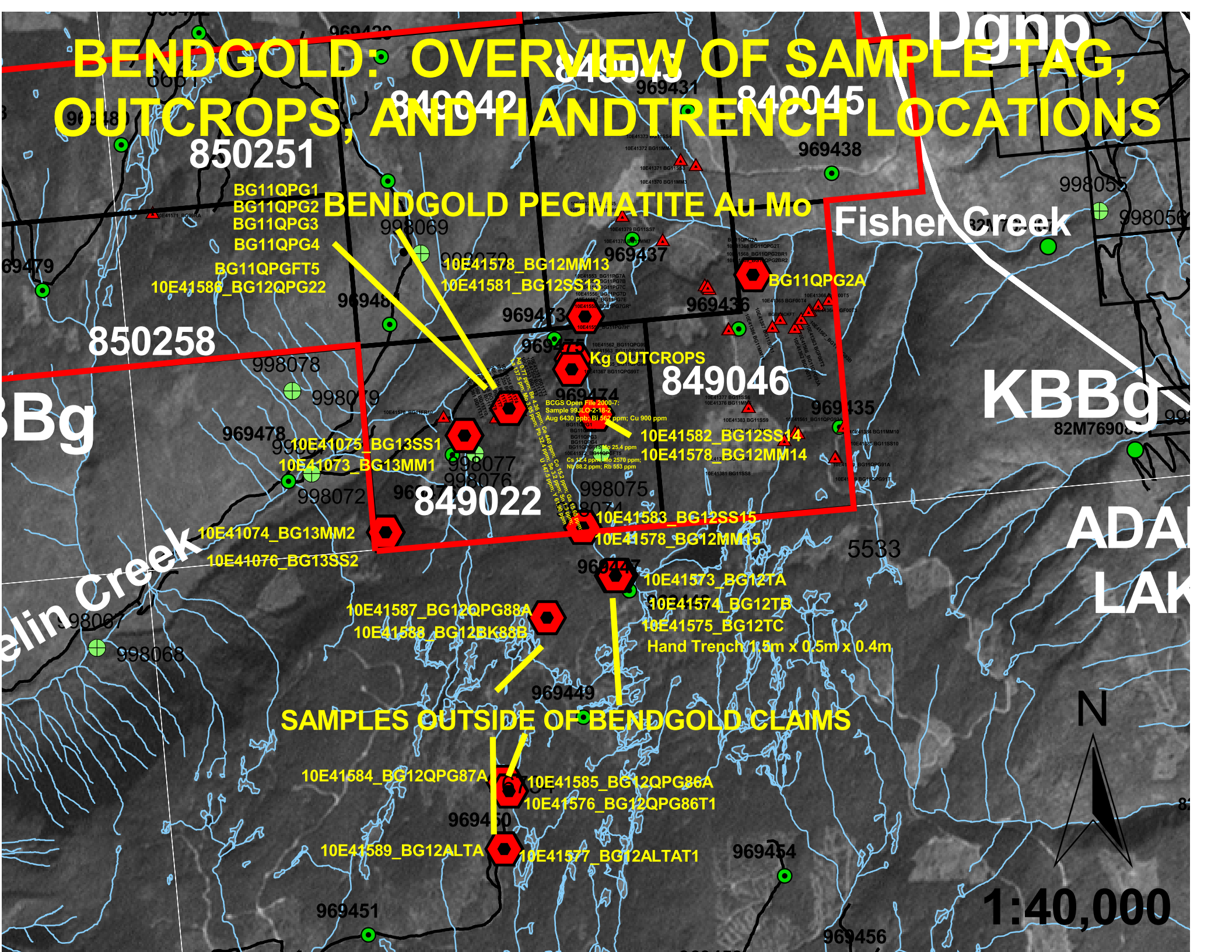
Sample Tag	Sample Name	Assay Certificate	Waypoint	Zone	Easterly	Northerly	Elevation (m)	Anomalous Values	Comment
10E41578_BG12MM13	BG12MM13	KL13064019	Bg12mm13	11	323368.325	5699293.43	1293.57		
10E41578_BG12MM14 see comments	BG12MM14	KL13064019	Bg12mm14	11	323351.007	5698401.779	1409.41		sample tag should read 10E41579_BG12MM14
10E41578_BG12MM15 see comments	BG12MM15	KL13064019	Bg12mm15	11	323106.308	5697401.969	1529.33	Ag 0.27 ppm; Mn 3260 ppm; Mo 3.98 ppm; Pb 14.9 ppm	sample tag should read 10E41580_BG12MM15
10E41073_BG13MM1	BG13MM1	KL13184935	Bg13mm1	11	322150.89	5698365.087	1346.68		Au only
10E41073_BG13MM1	BG13MM1	KL13199948	Bg13mm1	11	322150.89	5698365.087	1346.68	Mo 4.91 ppm	multi-element
10E41074_BG13MM2	BG13MM2	KL13184935	Bg13mm2	11	321331.33	5697586.928	1408.93		Au only
10E41074_BG13MM2	BG13MM2	KL13199948	Bg13mm2	11	321331.33	5697586.928	1408.93		multi-element

STREAM SEDIMENT SAMPLES ONLY: A total of 5 samples collected and assayed.

Sample Tag	Sample Name	Assay Certificate	Waypoint	Zone	Easterly	Northerly	Elevation (m)	Anomalous Values	Comment
10E41581_BG12SS13	BG12SS13	KL13068230	Bg12mm13	11	323368.325	5699293.43	1293.57		
10E41582_BG12SS14	BG12SS14	KL13068230	Bg12mm14	11	323351.007	5698401.779	1409.41		
10E41583_BG12SS15	BG12SS15	KL13068230	Bg12mm15	11	323106.308	5697401.969	1529.33		
10E41075_BG13SS1	BG13SS1	KL13184936	Bg13mm1	11	322150.89	5698365.087	1346.68		Au only
10E41075_BG13SS1	BG13SS1	KL13199949	Bg13mm1	11	322150.89	5698365.087	1346.68	Bi 2.96	multi-element
10E41076_BG13SS2	BG13SS2	KL13184936	Bg13mm2	11	321331.33	5697586.928	1408.93		Au only
10E41076_BG13SS2	BG13SS2	KL13199949	Bg13mm2	11	321331.33	5697586.928	1408.93		multi-element

HAND TRENCH AND GEOLOGY:									
Category	Category Type		Waypoint	Zone	Easterly	Northerly	Elevation (m)	Anomalous Values	Comment
trench: Outside of Claim Boundary	hand trench		Bg12tb	11	323350.987	5696935.489	1551.44	sample BG12TB collected	1.5m x 0.5m x 0.4m
geology	outcrop		Kgoutcropla	11	323220.001	5698927.87	1372.64		Kg intrusive outcrop
geology	outcrop		Kgoutcroplc	11	323192.627	5698838.703	1408.93		Kg intrusive outcrop
geology	outcrop		Kgoutcroplb	11	323207	5698851	1400		Kg intrusive outcrop

BENDGOLD: OVERVIEW OF SAMPLE TAG, OUTCROPS, AND HAND TRENCH LOCATIONS



251

969438

BENDGOLD: SAMPLE TAGS, OUTCROP, HAND TRENCH LOCATIONS

Fi

BG11QPG1
BG11QPG2
BG11QPG3
BG11QPG4
BG11QPGFT5
10E41586_BG12QPG22

10E41581_BG12SS13
10E41578_BG12MM13

969437
969436

BG11QPG2A

BENDGOLD
PEGMATITE Au Mo

Kg OUTCROPS

849046

BCGS Open File 2000-7:
Sample 99JLO-2-18-2
Aug 6430 ppb; Bi 562 ppb; Ce 100 ppb;
La 137.5 ppm; Mo 3.96 ppm; Be 4.36 ppm; Ce 440 ppm; Co 15.2 ppm; Ga 15.65 ppm;
U 141.5 ppm; Se 3.2 ppm; Y 61.90 ppm;

10E41582_BG12SS14
10E41578_BG12MM14

10E41075_BG13SS1
10E41073_BG13MM1

849022

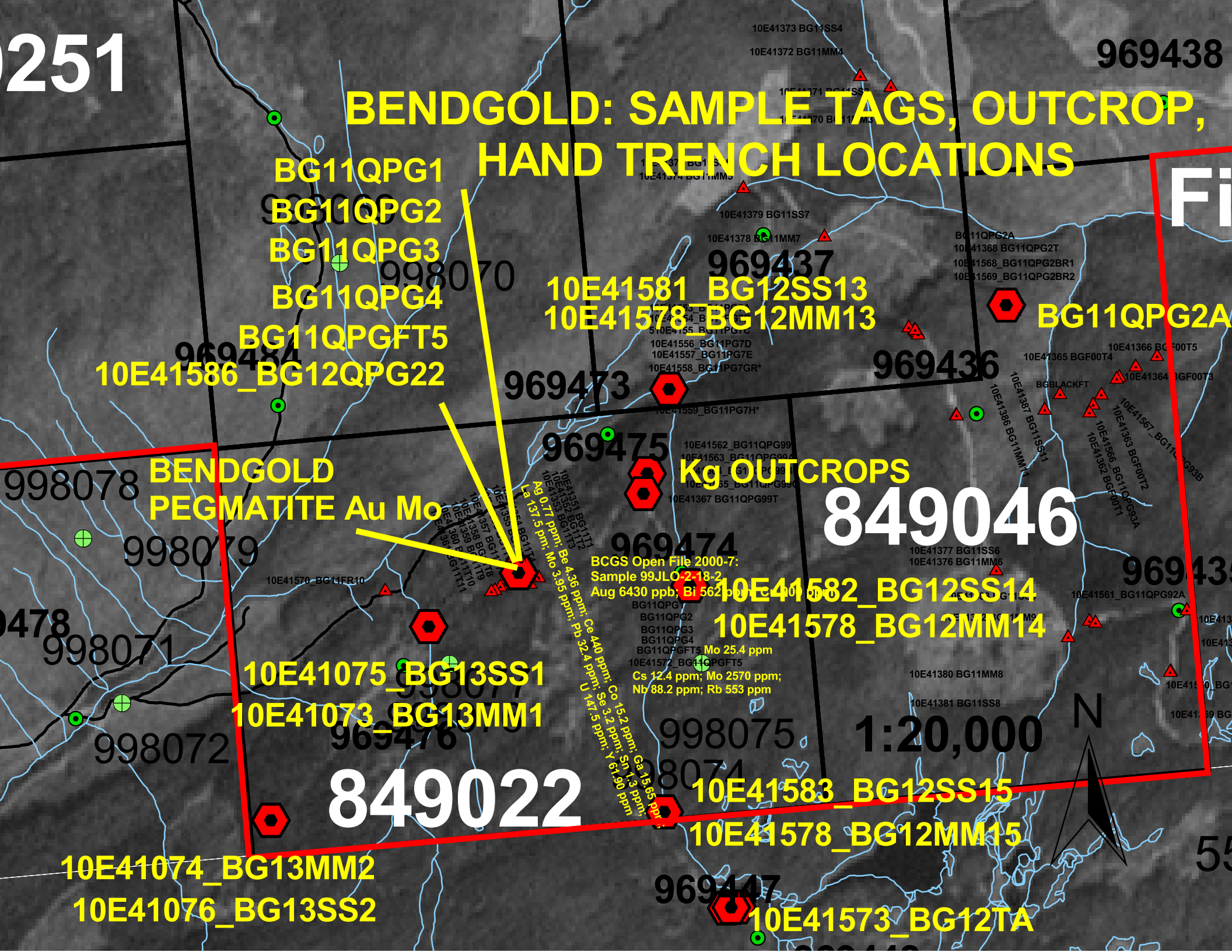
10E41074_BG13MM2
10E41076_BG13SS2

10E41583_BG12SS15
10E41578_BG12MM15

10E41573_BG12TA

1:20,000

N



**BENDGOLD
PEGMATITE Au Mo**

**10E41075_BG13SS1
10E41073_BG13MM1**

849022

**10E41074_BG13MM2
10E41076_BG13SS2**

**10E41587_BG12QPG88A
10E41588_BG12BK88B**

**BENDGOLD: SAMPLE TAGS,
OUTCROP, HAND TRENCH LOCATIONS**

10E41584_BG12QPG87A

**10E41585_BG12QPG86A
10E41576_BG12QPG86T1**

**10E41589_BG12ALTA
10E41577_BG12ALTAT1**

BCGS Open File 2000-7:
Sample 99JLO-2-18-2
Aug 6430 ppb, Br 162 ppb, Cs 12.4 ppm, Mo 2570 ppm, Nb 88.2 ppm, Rb 553 ppm, U 11.1 ppm, Y 9.1 ppm, Zr 106 ppm
BG11QPG1
BG11QPG2
BG11QPG3
BG11QPG4
BG11QPGF5 Mo 25.4 ppm
10E41572_BG11QPGF5
Cs 12.4 ppm; Mo 2570 ppm; Nb 88.2 ppm; Rb 553 ppm

**10E41582_BG12SS14
10E41578_BG12MM14
10E41583_BG12SS15
10E41578_BG12MM15**

**10E41573_BG12TA
10E41574_BG12TB
10E41575_BG12TC
Hand Trench 1.5m x 0.5m x 0.4m**

1:20,000



BENDGOLD: ANOMALOUS SAMPLES

ROCK:
10E41586_BG12QPG22
Mo 24.9 ppm

ROCK:
BG11QPG3:
Mo 0.73 percent

9694 BENDGOLD PEGMATITE Au Mo

Stream Sediment:
10E41075_BG13SS1
Bi 2.96 ppm

Moss Mat:
10E41073_BG13MM1
Mo 4.91 ppm

Moss Mat: 10E41578_BG12MM15
Ag 0.27 ppm; Mo 3.98 ppm; Pb 14.9 ppm

Soil: 10E41574_BG12TB: Nb 3.82 ppm

**Soil: 10E41575_BG12TC: Be 1.18 ppm;
Ce 171 ppm; La 50.4 ppm; Nb 2.93 ppm;**

**Soil: 10E41573_BG12TA:
Ce 56.4 ppm; Li 30.9 ppm;
Ni 55.0 ppm;**

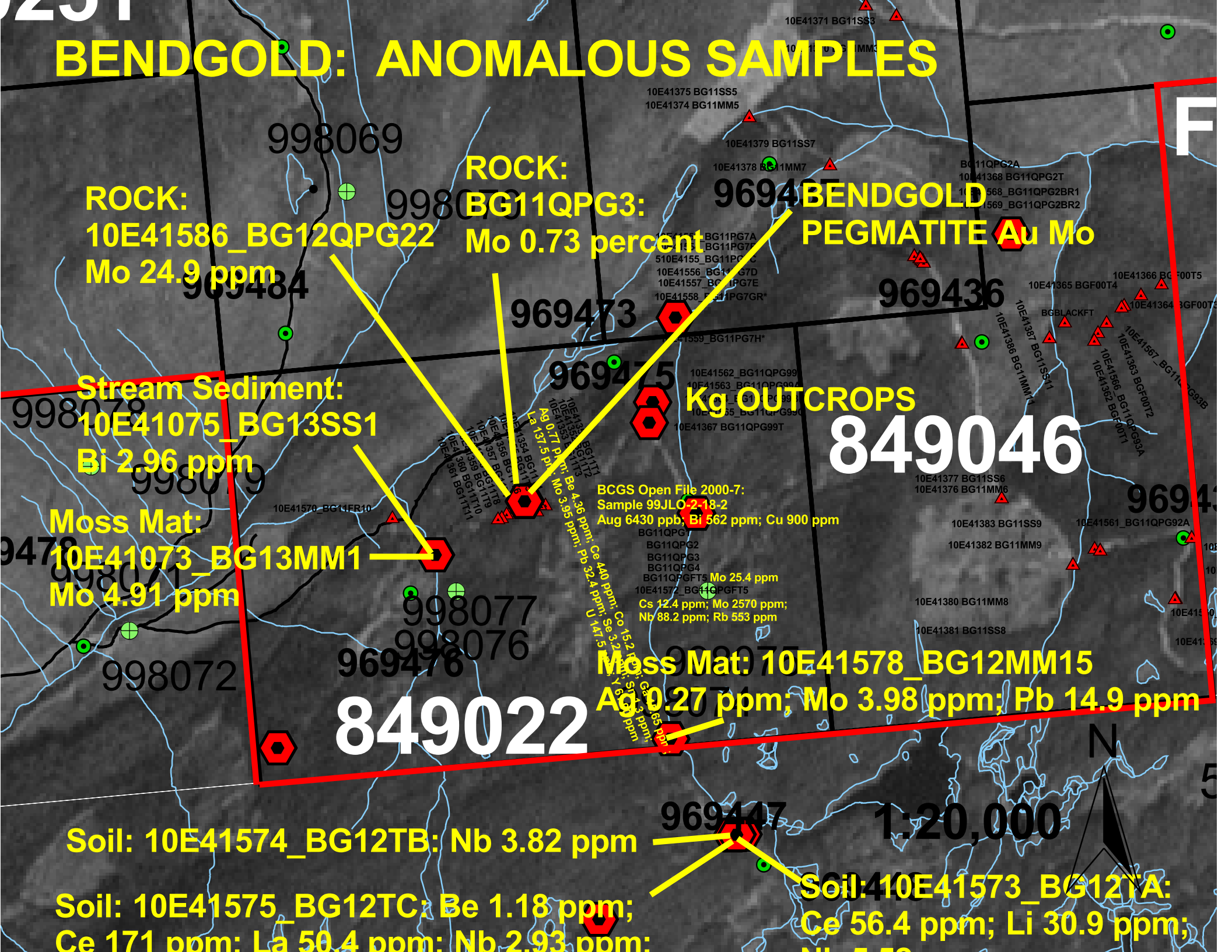
849046

849022

**BCGS Open File 2000-7:
Sample 99JLO-2-18-2
Aug 6430 ppb; Bi 562 ppm; Cu 900 ppm
BG11QPG1
BG11QPG2
BG11QPG3
BG11QPG4
BG11QPGFT5 Mo 25.4 ppm
10E41572_BG11QPGFT5
Cs 12.4 ppm; Mo 2570 ppm;
Nb 88.2 ppm; Rb 553 ppm**

**Ag 0.77 ppm; Mo 4.36 ppm; Pb 32.4 ppm; Co 15.2 ppm;
La 137.5 ppm; Be 4.36 ppm; Bi 562 ppm; Cu 900 ppm;
Mo 0.73 percent; Nb 88.2 ppm; Rb 553 ppm;
U 141.5 ppm; Ga 165 ppm;**

1:20,000



10E41073_BG13MM1
Mo 4.91 ppm

849022

Mass Mat: 10E41578_BG12MM15
Ag 0.27 ppm; Mo 3.98 ppm; Pb 14.9 ppm

Soil: 10E41574_BG12TB: Nb 3.82 ppm

Soil: 10E41575_BG12TC: Be 1.18 ppm;
Ce 171 ppm; La 50.4 ppm; Nb 2.93 ppm;
U 56.6 ppm; Y 24.4 ppm

Soil: 10E41573_BG12TA:
Ce 56.4 ppm; Li 30.9 ppm;
Nb 5.52 ppm

BENDGOLD: ANOMALOUS RESULTS FROM OUTSIDE CLAIMS

Soil: 10E41576_BG12QPG86T1: Nb 4.7 ppm

Soil: 10E41577_BG12ALTAT1:
Li 56.8 ppm; Nb 11.05 ppm; Sn 1.2 ppm

1:20,000



10E41572_BG12QPGFT5
Cs 12.4 ppm; Mo 2570 ppm;
Nb 88.2 ppm; Rb 553 ppm

10E41380_BG11MM8
10E41381_BG11SS8

10E41382_BG11MM9
10E41383_BG11MM10
10E41384_BG11MM11

55

6734

969450

969454



998072

998077
998076
969476

998074

969447

969449

969450

969454

BENDGOLD: GEOLOGY AND SAMPLE LOCATIONS

KBBg

ADAMS RIVER

BENDGOLD PEGMATITE Au Mo

Dgnp

KBBg

KBBg

ADAMS LAKE

Fennell Creek

Bendelin Creek

Fisher Creek

850242

082M.043

849043

849045

849042

850251

850258

849046

849022

5533

**BG11QPG1
BG11QPG2
BG11QPG3
BG11QPG4
BG11QPGFT5
10E41586_BG12QPG22**

**10E41581_BG12SS13
10E41578_BG12MM13**

BG11QPG2A

Kg OUTCROPS

**10E41075_BG13SS1
10E41073_BG13MM1**

**10E41582_BG12SS14
10E41578_BG12MM14**

**10E41074_BG13MM2
10E41076_BG13SS2**

**10E41583_BG12SS15
10E41578_BG12MM15**

**10E41587_BG12QPG88A
10E41588_BG12BK88B**

**10E41573_BG12TA
10E41574_BG12TB
10E41575_BG12TC**

Hand Trench 1.5m x 0.5m x 0.4m

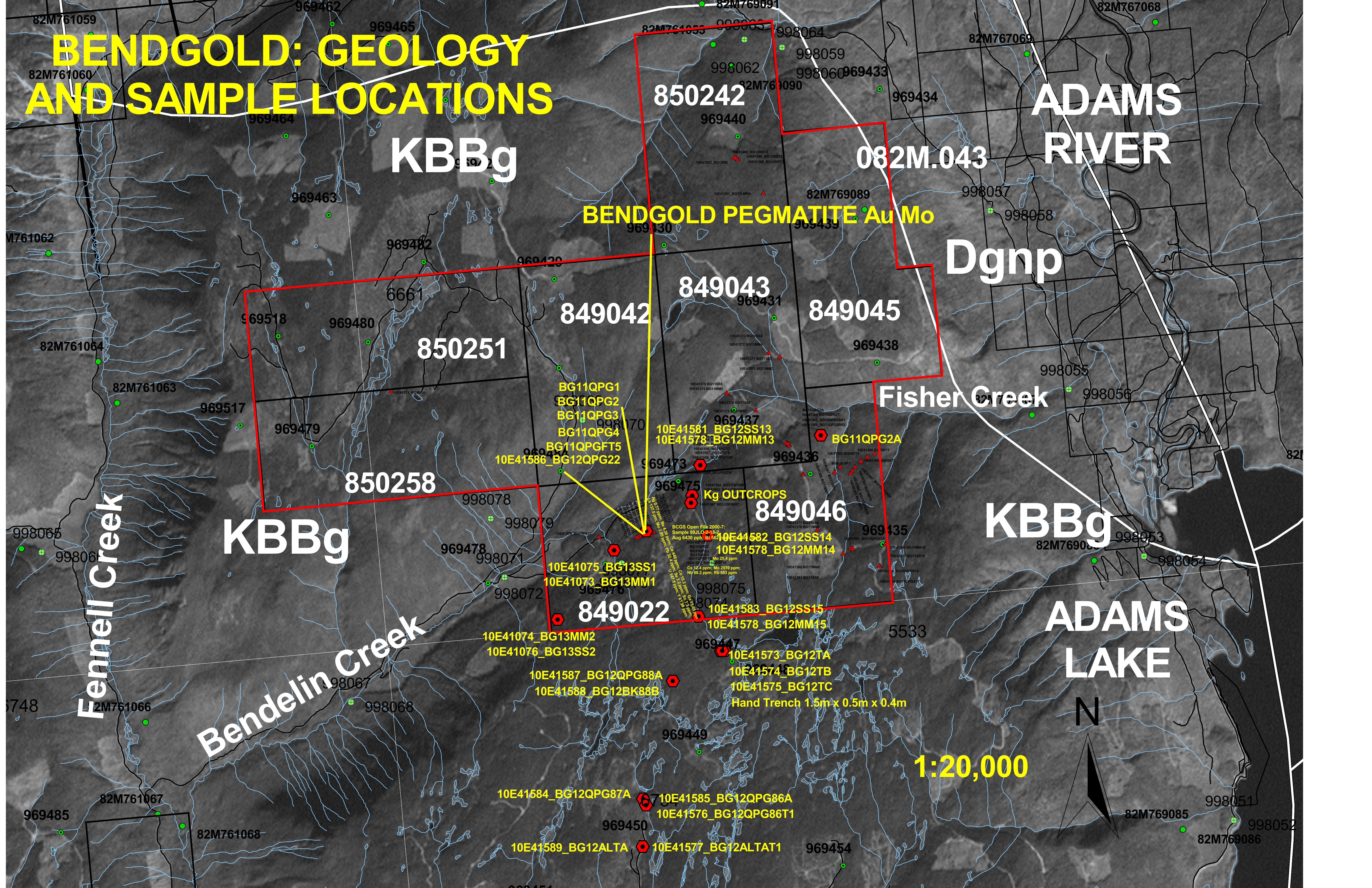
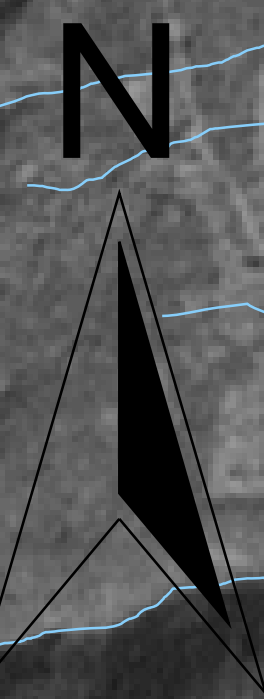
10E41584_BG12QPG87A

**10E41585_BG12QPG86A
10E41576_BG12QPG86T1**

10E41589_BG12ALTA

10E41577_BG12ALTAT1

1:20,000



850258

849046

849022

BENDGOLD PEGMATITE Au Mo
BCGS SAMPLE 99JLO-2-18-2:
Au 6430 ppb; Bi 562 ppm; Cu 900 ppm
BG11QPG1
BG11QPG2
BG11QPG3 --- Mo 0.73 percent
BG11QPG4
BG11QPGFT5
Mo 2570 ppm ---
Mo 24.9 ppm --- 10E41586_BG12QPG22

Kg OUTCROPS

Bi 2.96 ppm --- 10E41075_BG13SS1
Mo 4.91 ppm --- 10E41073_BG13MM1

Ag 0.27 ppm; Mo 3.98 ppm; Pb 14.9 ppm
10E41578_BG12MM15
10E41583_BG12SS15

Ce 56.4 ppm; Li 30.9 ppm; Nb 5.52 ppm
10E41573_BG12TA

10E41574_BG12TB --- Nb 3.82 ppm

10E41575_BG12TC

Hand Trench 1.5m x 0.5m x 0.4m

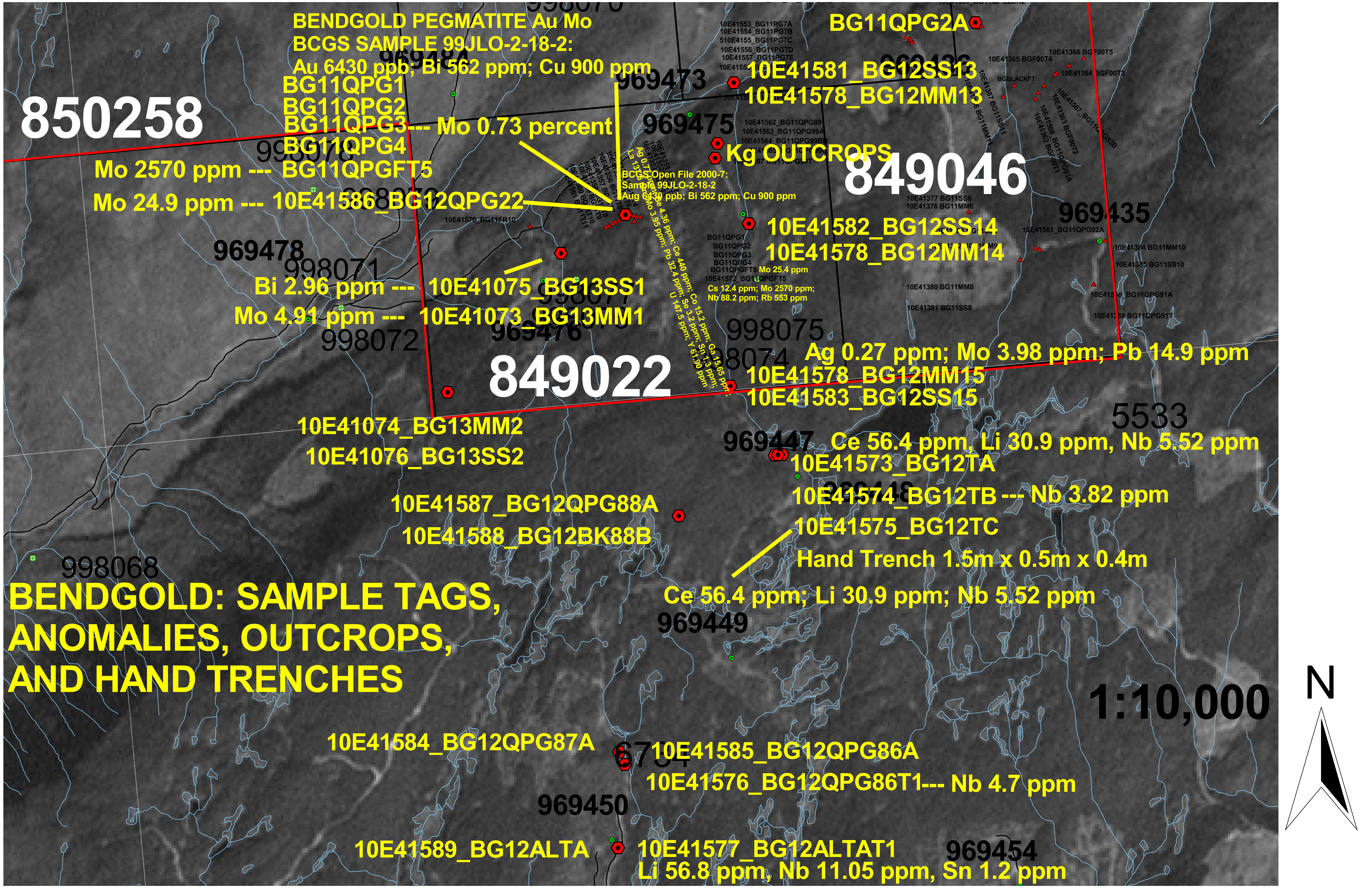
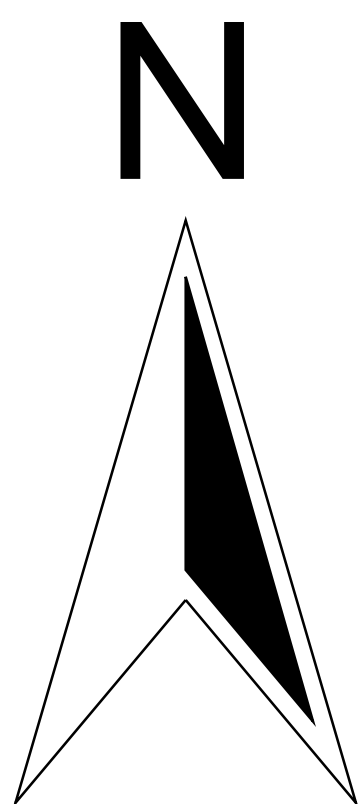
Ce 56.4 ppm; Li 30.9 ppm; Nb 5.52 ppm
969449

10E41585_BG12QPG86A
10E41576_BG12QPG86T1--- Nb 4.7 ppm

10E41577_BG12ALTAT1
Li 56.8 ppm; Nb 11.05 ppm; Sn 1.2 ppm

**BENDGOLD: SAMPLE TAGS,
ANOMALIES, OUTCROPS,
AND HAND TRENCHES**

1:10,000





Sample Preparation Package

PREP- 31

Standard Sample Preparation: Dry, Crush, Split and Pulverize

Sample preparation is the most critical step in the entire laboratory operation. The purpose of preparation is to produce a homogeneous analytical sub-sample that is fully representative of the material submitted to the laboratory.

The sample is logged in the tracking system, weighed, dried and finely crushed to better than 70 % passing a 2 mm (Tyler 9 mesh, US Std. No.10) screen. A split of up to 250 g is taken and pulverized to better than 85 % passing a 75 micron (Tyler 200 mesh, US Std. No. 200) screen. This method is appropriate for rock chip or drill samples.

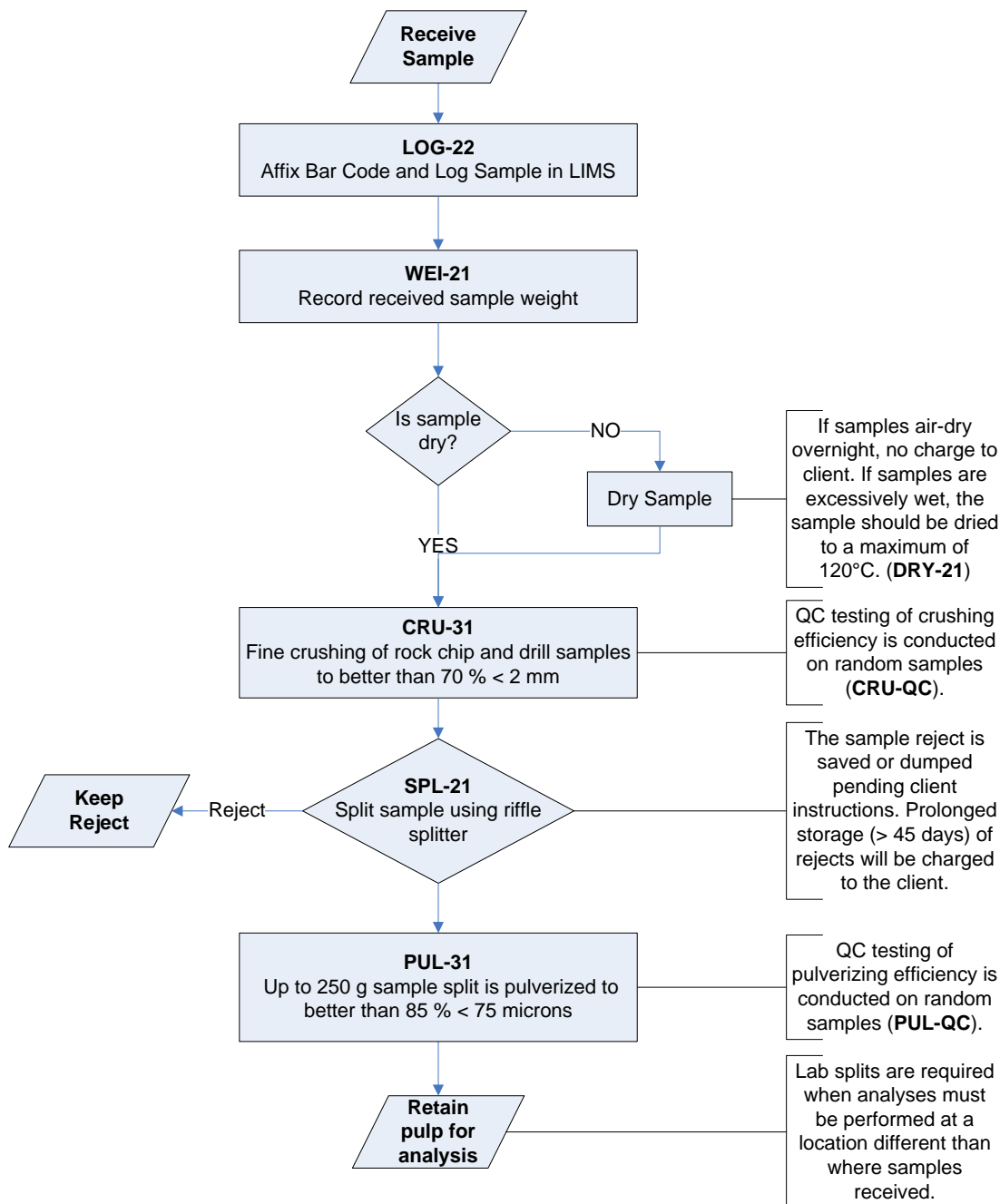
Method Code	Description
LOG-22	Sample is logged in tracking system and a bar code label is attached.
DRY-21	Drying of excessively wet samples in drying ovens. This is the default drying procedure for most rock chip and drill samples.
CRU-31	Fine crushing of rock chip and drill samples to better than 70 % of the sample passing 2 mm.
SPL-21	Split sample using riffle splitter.
PUL-31	A sample split of up to 250 g is pulverized to better than 85 % of the sample passing 75 microns.

Revision 02.03
Feb 22, 2010



Sample Preparation Package

Flow Chart - Sample Preparation Package - PREP- 31 Standard Sample Preparation: Dry, Crush, Split and Pulverize



Revision 02.03
Feb 22, 2010



Fire Assay Procedure

Au- AA23 & Au- AA24 Fire Assay Fusion, AAS Finish

Sample Decomposition:

Fire Assay Fusion (FA-FUS01 & FA-FUS02)

Analytical Method:

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA23	Gold	Au	ppm	30	0.005	10.0	Au- GRA21
Au-AA24	Gold	Au	ppm	50	0.005	10.0	Au- GRA22

Revision 04.00
Aug 17, 2005

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Geochemical Procedure

Au- TL43, Au- TL44

Determination of Trace Level Gold by Solvent Extraction – Graphite furnace AAS or ICPMS finish

Sample Decomposition:

Aqua regia gold digestion (GEO-AuAR01/02)

Analytical Method:

Inductively coupled mass spectrometry (ICPMS) or Atomic absorption spectrometry (AAS)

A finely pulverised sample (25 – 50 g) is digested in a mixture of 3 parts hydrochloric acid and 1 part nitric acid (aqua regia). This acid mixture generates nascent chlorine and nitrosyl chloride, which will dissolve free gold and gold compounds such as calaverite, AuTe_2 .

The dissolved gold is complexed and extracted with Kerosene/DBS and determined by graphite furnace AAS. Alternatively gold is determined by ICPMS directly from the digestion liquor. This method allows for the simple and economical addition of extra elements by running the digestion liquor through the ICPAES or ICPMS.

Note: Samples high in sulphide or carbon content may lead to low gold recoveries unless they are roasted prior to digestion.

Method	Element	Sample Mass	Units	Lower Limit	Upper Limit	Default Overlimit Method
Au-TL43	Gold	25 g	ppm	0.001	1	Au-OG43
Au-TL44	Gold	50 g	ppm	0.001	1	Au-OG44

Revision 01.00
Mar 27, 2006

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Geochemical Procedure

ME- MS41

Ultra- Trace Level Methods Using ICP- MS and ICP- AES

Sample Decomposition:

Aqua Regia Digestion (GEO-AR01)

Analytical Method:

Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.50 g) is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples are then analysed by ICP-MS for the remaining suite of elements. The analytical results are corrected for inter-element spectral interferences.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	25
Arsenic	As	ppm	0.1	10 000
Gold	Au	ppm	0.2	25
Boron	B	ppm	10	10 000
Barium	Ba	ppm	10	10 000
Beryllium	Be	ppm	0.05	1 000
Bismuth	Bi	ppm	0.01	10 000
Calcium	Ca	%	0.01	25
Cadmium	Cd	ppm	0.01	1 000
Cerium	Ce	ppm	0.02	500
Cobalt	Co	ppm	0.1	10 000
Chromium	Cr	ppm	1	10 000

Revision 04.00
Sep 20, 2006

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Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10 000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10 000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.02	500
Mercury	Hg	ppm	0.01	10 000
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.2	10 000
Lithium	Li	ppm	0.1	10 000
Magnesium	Mg	%	0.01	25
Manganese	Mn	ppm	5	50 000
Molybdenum	Mo	ppm	0.05	10 000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.05	500
Nickel	Ni	ppm	0.2	10 000
Phosphorus	P	ppm	10	10 000
Lead	Pb	ppm	0.2	10 000
Rubidium	Rb	ppm	0.1	10 000
Rhenium	Re	ppm	0.001	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10 000
Scandium	Sc	ppm	0.1	10 000
Selenium	Se	ppm	0.2	1 000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10 000

Revision 04.00
Sep 20, 2006

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Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit
Tantalum	Ta	ppm	0.01	500
Tellurium	Te	ppm	0.01	500
Thorium	Th	ppm	0.2	10000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10 000
Uranium	U	ppm	0.05	10 000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.05	10 000
Yttrium	Y	ppm	0.05	500
Zinc	Zn	ppm	2	10 000
Zirconium	Zr	ppm	0.5	500

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

Revision 04.00
Sep 20, 2006

RIGHT SOLUTIONS RIGHT PARTNER

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: DAVID PIGGIN
91- 137 MCGILL ROAD
KAMLOOPS BC V2C 1L9

Page: 1
Finalized Date: 21- APR- 2013
This copy reported on
22- APR- 2013
Account: DAVIPI

CERTIFICATE KL13064018

Project: Bendgold Project

P.O. No.:

This report is for 6 Rock samples submitted to our lab in Kamloops, BC, Canada on 15- APR- 2013.

The following have access to data associated with this certificate:

DAVID PIGGIN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: DAVID PIGGIN
ATTN: DAVID PIGGIN
91- 137 MCGILL ROAD
KAMLOOPS BC V2C 1L9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
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To: DAVID PIGGIN
 91- 137 MCGILL ROAD
 KAMLOOPS BC V2C 1L9

Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21- APR- 2013
 Account: DAVIPI

Project: Bendgold Project

CERTIFICATE OF ANALYSIS KL13064018

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ST43	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.02	0.1	1	
10E41584_BG12QPG87A		1.57	0.0001	0.02	0.31	0.2	<0.2	<10	10	0.24	0.09	0.07	0.02	8.31	0.3	3
10E41585_BG12QPG86A		2.87	0.0001	0.01	0.32	0.1	<0.2	<10	<10	0.25	0.05	0.04	0.01	3.13	0.2	3
10E41586_BG12QPG22		2.48	0.0001	<0.01	0.26	<0.1	<0.2	<10	10	0.33	0.05	0.08	0.02	1.02	0.1	2
10E41587_BG12QPG88A		2.28	<0.0001	0.02	0.27	<0.1	<0.2	<10	20	0.15	0.09	0.03	<0.01	3.67	0.3	2
10E41588_BG12BK88B		2.56	0.0005	0.04	4.15	<0.1	<0.2	<10	950	1.00	0.02	1.63	0.15	134.5	37.2	38
10E41589_BG12ALTA		2.98	0.0001	0.01	1.04	<0.1	<0.2	<10	50	0.39	0.11	0.41	0.03	53.2	1.3	4

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: DAVID PIGGIN
 91- 137 MCGILL ROAD
 KAMLOOPS BC V2C 1L9

Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 21- APR- 2013
 Account: DAVIPI

Project: Bendgold Project

CERTIFICATE OF ANALYSIS KL13064018

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
10E41584_BG12QPG87A		0.89	7.2	0.41	1.57	<0.05	0.08	<0.01	<0.005	0.18	4.4	5.6	0.02	237	0.16	0.05
10E41585_BG12QPG86A		0.64	2.9	0.29	1.80	<0.05	0.02	<0.01	<0.005	0.20	1.4	5.2	0.01	61	0.10	0.05
10E41586_BG12QPG22		0.74	4.2	0.23	1.65	<0.05	<0.02	<0.01	0.007	0.19	0.4	6.8	<0.01	145	24.9	0.04
10E41587_BG12QPG88A		2.20	2.9	0.23	1.18	<0.05	<0.02	<0.01	0.008	0.16	1.6	4.2	0.05	31	0.20	0.02
10E41588_BG12BK88B		4.13	38.3	5.23	9.15	0.20	0.36	0.01	0.027	0.33	69.5	137.5	3.70	628	0.65	0.29
10E41589_BG12ALTA		2.75	5.3	1.00	3.73	0.07	0.07	<0.01	0.007	0.35	28.2	41.9	0.15	191	0.11	0.06



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 Account: DAVIPI

Project: Bendgold Project

CERTIFICATE OF ANALYSIS KL13064018

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
10E41584_BG12QPG87A		1.62	1.3	150	2.4	22.9	<0.001	0.01	<0.05	0.3	<0.2	0.4	14.8	0.01	<0.01	5.3
10E41585_BG12QPG86A		1.67	0.5	100	0.9	28.2	<0.001	<0.01	<0.05	0.3	<0.2	0.7	1.9	<0.01	<0.01	1.7
10E41586_BG12QPG22		1.22	0.4	350	0.7	24.3	<0.001	<0.01	<0.05	0.3	<0.2	0.8	1.3	0.01	0.04	0.3
10E41587_BG12QPG88A		1.27	1.1	60	1.3	15.6	<0.001	<0.01	<0.05	0.4	<0.2	0.5	5.7	<0.01	<0.01	1.8
10E41588_BG12BK88B		0.30	179.0	2210	5.9	15.3	<0.001	0.04	<0.05	6.1	0.5	0.6	603	0.01	0.02	3.0
10E41589_BG12ALTA		2.83	1.2	250	3.9	46.2	<0.001	<0.01	<0.05	1.0	0.2	1.2	36.4	0.01	0.01	21.6

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CERTIFICATE OF ANALYSIS KL13064018

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
10E41584_BG12QPG87A		<0.005	0.12	5.82	1	0.12	1.81	12	1.4
10E41585_BG12QPG86A		<0.005	0.13	1.69	1	0.15	0.83	3	0.5
10E41586_BG12QPG22		<0.005	0.11	3.05	1	0.30	2.17	6	<0.5
10E41587_BG12QPG88A		<0.005	0.08	2.09	1	0.10	1.25	3	<0.5
10E41588_BG12BK88B		0.230	0.13	0.96	129	0.06	18.40	69	13.7
10E41589_BG12ALTA		0.062	0.33	2.09	7	0.07	5.68	40	2.0



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Project: Bendgold Project

CERTIFICATE OF ANALYSIS KL13064018

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
 ME- MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.
 CRU- 31 CRU- QC LOG- 22 PUL- 31
 PUL- QC SPL- 21 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
 Au- ST43 ME- MS41



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CERTIFICATE KL13064019

Project: Bendgold Project
 P.O. No.:
 This report is for 3 Other samples submitted to our lab in Kamloops, BC, Canada on 15- APR- 2013.
 The following have access to data associated with this certificate:
 DAVID PIGGIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS KLI3064019

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
10E41578_BG12MM13		3.04	0.0002	0.08	0.67	0.9	<0.2	<10	50	0.81	0.12	0.32	0.39	46.1	4.3	6
10E41578_BG12MM14		2.41	0.0001	0.07	0.59	0.8	<0.2	<10	50	0.79	0.10	0.24	0.42	34.3	4.6	3
10E41578_BG12MM15		1.28	0.0004	0.27	1.08	1.0	<0.2	<10	100	1.35	0.12	0.86	0.82	61.5	7.9	3

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CERTIFICATE OF ANALYSIS KL13064019

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
10E41578_BG12MM13		1.38	5.1	1.13	2.69	0.05	0.02	0.06	0.009	0.08	22.8	14.3	0.12	1340	2.15	0.01
10E41578_BG12MM14		1.15	3.3	0.93	2.59	<0.05	<0.02	0.05	0.009	0.05	15.2	11.8	0.07	2030	2.83	0.01
10E41578_BG12MM15		0.89	7.2	1.29	3.44	0.10	0.04	0.14	0.014	0.09	58.3	11.2	0.08	3260	3.98	0.01

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CERTIFICATE OF ANALYSIS KL13064019

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
10E41578_BG12MM13		1.30	3.5	780	6.7	7.9	<0.001	0.06	0.06	0.6	0.4	0.3	24.5	<0.01	0.02	1.7
10E41578_BG12MM14		1.05	2.0	530	7.4	6.3	<0.001	0.05	0.06	0.4	0.4	0.3	18.5	<0.01	0.03	0.6
10E41578_BG12MM15		1.00	2.9	1060	14.9	6.9	<0.001	0.14	0.12	0.5	0.9	0.4	62.8	0.01	0.05	0.5



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CERTIFICATE OF ANALYSIS KL13064019

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
10E41578_BG12MM13		0.018	0.14	26.9	16	0.23	11.35	42	<0.5
10E41578_BG12MM14		0.015	0.17	34.8	12	0.07	8.26	36	<0.5
10E41578_BG12MM15		0.014	0.27	83.0	13	0.10	23.0	37	<0.5



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CERTIFICATE OF ANALYSIS KL13064019

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method:

Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ST43 ME- MS41



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CERTIFICATE KL13068230

Project: Bengold Project
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 The following have access to data associated with this certificate:
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

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 ATTN: DAVID PIGGIN
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 KAMLOOPS BC V2C 1L9

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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Project: Bengold Project

CERTIFICATE OF ANALYSIS KL13068230

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm	ME- MS41 Cs ppm
		0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
10E41581_BG12SS13		0.73	0.02	0.42	0.4	<0.2	<10	30	0.29	0.08	0.15	0.11	33.0	2.6	6	1.23
10E41582_BG12SS14		1.24	0.01	0.39	0.5	<0.2	<10	20	0.39	0.05	0.10	0.18	32.5	3.0	3	1.08
10E41583_BG12SS15		0.61	0.05	0.31	0.4	<0.2	<10	20	0.27	0.05	0.17	0.11	36.6	1.7	2	0.71

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CERTIFICATE OF ANALYSIS KL13068230

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
10E41581_BG12SS13		2.4	0.98	2.16	<0.05	<0.02	0.01	0.005	0.03	15.9	17.7	0.14	460	1.13	0.01	1.70
10E41582_BG12SS14		1.7	0.83	2.21	<0.05	0.02	0.01	0.005	0.03	13.9	16.3	0.09	953	2.15	<0.01	1.89
10E41583_BG12SS15		1.1	0.57	1.72	<0.05	<0.02	0.02	0.006	0.02	21.6	13.1	0.05	504	1.75	<0.01	1.49

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Project: Bengold Project

CERTIFICATE OF ANALYSIS KL13068230

Sample Description	Method Analyte Units LOR	ME- MS41 Ni ppm	ME- MS41 P ppm	ME- MS41 Pb ppm	ME- MS41 Rb ppm	ME- MS41 Re ppm	ME- MS41 S %	ME- MS41 Sb ppm	ME- MS41 Sc ppm	ME- MS41 Se ppm	ME- MS41 Sn ppm	ME- MS41 Sr ppm	ME- MS41 Ta ppm	ME- MS41 Te ppm	ME- MS41 Th ppm	ME- MS41 Ti %
10E41581_BG12SS13		3.2	460	3.0	5.8	<0.001	<0.01	<0.05	0.8	0.2	0.2	5.7	<0.01	0.01	10.5	0.025
10E41582_BG12SS14		1.9	300	3.8	5.7	<0.001	<0.01	<0.05	0.5	0.2	0.3	4.5	<0.01	<0.01	7.4	0.019
10E41583_BG12SS15		1.4	490	3.2	4.3	<0.001	<0.01	<0.05	0.3	0.3	0.2	7.1	<0.01	<0.01	7.1	0.018



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CERTIFICATE OF ANALYSIS KL13068230

Sample Description	Method Analyte Units LOR	ME- MS41 Ti ppm 0.02	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5	Au- ST43 Au ppm 0.0001
10E41581_BG12SS13		0.06	4.56	17	0.07	5.51	32	<0.5	0.0003
10E41582_BG12SS14		0.12	8.40	11	0.05	4.96	31	<0.5	<0.0001
10E41583_BG12SS15		0.08	11.55	6	<0.05	7.57	19	<0.5	<0.0001



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CERTIFICATE OF ANALYSIS KL13068230

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g).
ME- MS41

Applies to Method:

LABORATORY ADDRESSES

Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ST43 ME- MS41

Applies to Method:



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Project: Bendgold Project
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 This report is for 5 Soil samples submitted to our lab in Kamloops, BC, Canada on 15- APR- 2013.
 The following have access to data associated with this certificate:
 DAVID PIGGIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

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Signature: 
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CERTIFICATE OF ANALYSIS KL13068231

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.0001	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
10E41573_BG12TA		0.52	0.0001	0.02	1.31	0.6	<0.2	<10	30	0.72	0.16	0.10	0.05	56.4	2.3	5
10E41574_BG12TB		0.46	0.0002	0.03	1.53	0.7	<0.2	<10	20	0.60	0.13	0.13	0.06	42.4	2.0	6
10E41575_BG12TC		0.50	0.0004	0.11	1.12	0.5	<0.2	<10	40	1.18	0.18	0.09	0.08	171.0	3.5	9
10E41576_BG12QPG86T1		0.49	0.0006	0.21	1.46	0.7	<0.2	<10	40	0.49	0.21	0.08	0.13	38.6	1.3	3
10E41577_BG12ALTAT1		0.48	0.0002	0.08	1.46	0.5	<0.2	<10	60	0.77	0.22	0.15	0.05	54.0	2.1	4

**** See Appendix Page for comments regarding this certificate ****



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
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To: DAVID PIGGIN
 91- 137 MCGILL ROAD
 KAMLOOPS BC V2C 1L9

Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 20- APR- 2013
 Account: DAVIPI

Project: Bendgold Project

CERTIFICATE OF ANALYSIS KL13068231

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
10E41573_BG12TA		2.03	2.0	1.40	4.99	0.06	0.04	0.03	0.015	0.10	29.8	30.9	0.20	321	0.38	0.01
10E41574_BG12TB		1.36	2.0	1.25	4.02	<0.05	0.05	0.03	0.010	0.05	22.2	21.0	0.16	223	0.52	0.01
10E41575_BG12TC		1.75	2.3	1.20	4.17	0.08	0.03	0.04	0.011	0.06	50.4	45.8	0.17	212	0.30	0.01
10E41576_BG12QPG86T1		1.93	3.5	1.12	4.00	<0.05	0.06	0.09	0.013	0.05	20.6	22.3	0.10	137	0.41	0.01
10E41577_BG12ALTAT1		3.55	1.5	1.28	5.15	0.06	0.03	0.04	0.010	0.17	28.5	56.8	0.21	214	0.18	0.01

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Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 20- APR- 2013
 Account: DAVIPI

Project: Bendgold Project

CERTIFICATE OF ANALYSIS KL13068231

Sample Description	Method	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Ti	Ti	U	V	W	Y	Zn	Zr
Units		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LOR		0.005	0.02	0.05	1	0.05	0.05	2	0.5
10E41573_BG12TA		0.028	0.14	2.49	11	0.07	7.87	68	1.4
10E41574_BG12TB		0.023	0.09	2.08	11	0.07	6.60	45	1.6
10E41575_BG12TC		0.021	0.10	56.6	11	0.13	24.4	42	0.7
10E41576_BG12QPG86T1		0.020	0.08	1.86	9	0.10	4.52	36	1.9
10E41577_BG12ALTAT1		0.061	0.28	2.17	10	0.08	5.78	60	1.1



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Page: 1
Finalized Date: 23- OCT- 2013
Account: DAVIPI

CERTIFICATE KL13184935

Project: Bendgold

P.O. No.:

This report is for 2 Other samples submitted to our lab in Kamloops, BC, Canada on 10- OCT- 2013.

The following have access to data associated with this certificate:

DAVID PIGGIN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS

To: DAVID PIGGIN
ATTN: DAVID PIGGIN
91- 137 MCGILL ROAD
KAMLOOPS BC V2C 1L9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: DAVID PIGGIN
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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 23- OCT- 2013
Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13184935

CERTIFICATE COMMENTS	
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada. LOG- 22 SCR- 41 WEI- 21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au- ST43



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Page: 2 - A
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 23- OCT- 2013
Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13184935

Sample Description	Method Analyte Units LOR	WEI- 21	Au- ST43
		Recvd Wt. kg	Au ppm
		0.02	0.0001
10E41073_BG13MM1		3.99	0.0006
10E41074_BG13MM2		2.66	0.0003

***** See Appendix Page for comments regarding this certificate *****



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To: DAVID PIGGIN
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Page: 1
 Finalized Date: 29- OCT- 2013
 Account: DAVIPI

CERTIFICATE KL13184936

Project: Bendgold
 P.O. No.:
 This report is for 2 Stream Sediment samples submitted to our lab in Kamloops, BC, Canada on 10- OCT- 2013.
 The following have access to data associated with this certificate:
 DAVID PIGGIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- ST43	Super Trace Au - 25g AR	ICP- MS

To: DAVID PIGGIN
 ATTN: DAVID PIGGIN
 91- 137 MCGILL ROAD
 KAMLOOPS BC V2C 1L9

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***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 29- OCT- 2013
Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13184936

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ST43 Au ppm
10E41075_BG13SS1		0.59	0.0005
10E41076_BG13SS2		0.75	0.0003

***** See Appendix Page for comments regarding this certificate *****



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 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: DAVID PIGGIN
 5- 2363 DEMAMIEL DRIVE
 SOOKE BC V9Z 1K3

Page: 1
 Finalized Date: 19- NOV- 2013
 Account: DAVIPI

CERTIFICATE KL13199948

Project: Bendgold
 P.O. No.:
 This report is for 2 Other samples submitted to our lab in Kamloops, BC, Canada on 8- NOV- 2013.
 The following have access to data associated with this certificate:
 DAVID PIGGIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME- MS41	51 anal. aqua regia ICPMS

To: DAVID PIGGIN
 ATTN: DAVID PIGGIN
 5- 2363 DEMAMIEL DRIVE
 SOOKE BC V9Z 1K3

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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 SOOKE BC V9Z 1K3

Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 19- NOV- 2013
 Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199948

Sample Description	Method Analyte Units LOR	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2
10E41073_BG13MM1		0.13	0.92	0.9	<0.2	<10	40	1.30	0.54	0.25	0.32	56.2	3.4	5	2.55	4.9
10E41074_BG13MM2		0.17	1.06	0.5	<0.2	<10	50	1.04	0.09	0.33	0.33	59.3	2.8	4	1.40	4.2



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Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 19- NOV- 2013
 Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199948

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
10E41073_BG13MM1		1.11	3.55	0.07	<0.02	0.05	0.012	0.05	26.7	19.6	0.12	1080	4.91	<0.01	2.41	3.2
10E41074_BG13MM2		0.58	2.62	0.08	<0.02	0.06	0.007	0.06	37.5	14.3	0.08	1050	1.28	0.01	1.84	2.5

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Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 19- NOV- 2013
 Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199948

Sample Description	Method Analyte Units LOR	ME- MS41 P ppm 10	ME- MS41 Pb ppm 0.2	ME- MS41 Rb ppm 0.1	ME- MS41 Re ppm 0.001	ME- MS41 S % 0.01	ME- MS41 Sb ppm 0.05	ME- MS41 Sc ppm 0.1	ME- MS41 Se ppm 0.2	ME- MS41 Sn ppm 0.2	ME- MS41 Sr ppm 0.2	ME- MS41 Ta ppm 0.01	ME- MS41 Te ppm 0.01	ME- MS41 Th ppm 0.2	ME- MS41 Ti % 0.005	ME- MS41 Tl ppm 0.02
10E41073_BG13MM1		670	10.3	9.5	0.001	0.05	0.10	0.5	0.4	0.5	18.3	0.01	0.01	2.4	0.022	0.13
10E41074_BG13MM2		600	6.4	6.9	<0.001	0.06	0.09	0.2	0.4	0.3	35.6	0.02	<0.01	0.3	0.021	0.09

***** See Appendix Page for comments regarding this certificate *****



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 SOOKE BC V9Z 1K3

Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 19- NOV- 2013
 Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199948

Sample Description	Method Analyte Units LOR	ME- MS41 U ppm 0.05	ME- MS41 V ppm 1	ME- MS41 W ppm 0.05	ME- MS41 Y ppm 0.05	ME- MS41 Zn ppm 2	ME- MS41 Zr ppm 0.5
10E41073_BG13MM1		20.6	16	0.07	12.65	38	<0.5
10E41074_BG13MM2		30.2	10	<0.05	12.55	31	<0.5

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SOOKE BC V9Z 1K3

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 19- NOV- 2013
Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199948

CERTIFICATE COMMENTS	
Applies to Method:	ANALYTICAL COMMENTS Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g). ME- MS41
Applies to Method:	LABORATORY ADDRESSES Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND- 02 ME- MS41



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 SOOKE BC V9Z 1K3

Page: 1
 Finalized Date: 22- NOV- 2013
 Account: DAVIPI

CERTIFICATE KL13199949

Project: Bendgold
 P.O. No.:
 This report is for 2 Stream Sediment samples submitted to our lab in Kamloops, BC, Canada on 8- NOV- 2013.
 The following have access to data associated with this certificate:
 DAVID PIGGIN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND- 02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME- MS41	51 anal. aqua regia ICPMS

To: DAVID PIGGIN
 ATTN: DAVID PIGGIN
 5- 2363 DEMAMIEL DRIVE
 SOOKE BC V9Z 1K3

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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 22- NOV- 2013
 Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199949

Sample Description	Method Analyte Units LOR	ME- MS41 Ag ppm 0.01	ME- MS41 Al % 0.01	ME- MS41 As ppm 0.1	ME- MS41 Au ppm 0.2	ME- MS41 B ppm 10	ME- MS41 Ba ppm 10	ME- MS41 Be ppm 0.05	ME- MS41 Bi ppm 0.01	ME- MS41 Ca % 0.01	ME- MS41 Cd ppm 0.01	ME- MS41 Ce ppm 0.02	ME- MS41 Co ppm 0.1	ME- MS41 Cr ppm 1	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2
10E41075_BG13SS1		0.06	0.59	0.8	<0.2	<10	30	0.71	2.96	0.15	0.16	41.8	2.4	6	1.86	4.1
10E41076_BG13SS2		0.04	0.51	0.1	<0.2	<10	20	0.41	0.06	0.10	0.15	38.3	2.7	3	0.98	1.4

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Page: 2 - B
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 22- NOV- 2013
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Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199949

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm
10E41075_BG13SS1		0.99	2.65	<0.05	<0.02	0.01	0.007	0.04	19.2	16.8	0.11	600	2.64	0.01	1.97	3.1
10E41076_BG13SS2		0.58	1.81	0.05	<0.02	0.01	<0.005	0.02	18.8	11.0	0.06	588	1.00	0.01	1.84	2.0

***** See Appendix Page for comments regarding this certificate *****



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Page: 2 - C
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 22- NOV- 2013
 Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199949

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		P ppm 10	Pb ppm 0.2	Rb ppm 0.1	Re ppm 0.001	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.2	Ti % 0.005	Tl ppm 0.02
10E41075_BG13SS1		390	11.9	6.9	<0.001	0.01	0.09	0.6	0.3	0.4	8.1	0.01	0.01	6.6	0.024	0.09
10E41076_BG13SS2		230	3.9	4.1	<0.001	0.01	<0.05	0.3	0.3	0.2	7.6	0.02	<0.01	2.7	0.024	0.05

***** See Appendix Page for comments regarding this certificate *****



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Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 22- NOV- 2013
 Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199949

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm
		0.05	1	0.05	0.05	2	0.5
10E41075_BG13SS1		6.32	15	0.06	6.82	36	<0.5
10E41076_BG13SS2		6.76	11	<0.05	5.04	19	<0.5



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 22- NOV- 2013
Account: DAVIPI

Project: Bendgold

CERTIFICATE OF ANALYSIS KL13199949

CERTIFICATE COMMENTS	
Applies to Method:	<p style="text-align: center;">ANALYTICAL COMMENTS</p> <p>Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g). ME- MS41</p>
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. FND- 02 ME- MS41</p>



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

www.acmelab.com

Client: **Golden Ridge Resources Ltd**
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6 Canada

Submitted By: David Piggin
Receiving Lab: Canada-Vancouver
Received: August 22, 2012
Report Date: September 05, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12001917A.1

CLIENT JOB INFORMATION

Project: Pegmatite
Shipment ID:
P.O. Number
Number of Samples: 6

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
4B03	6	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN
7KP1	1	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN

SAMPLE DISPOSAL

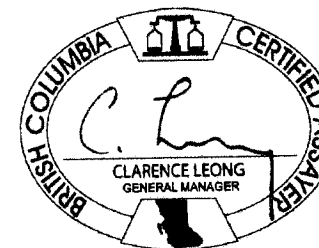
RTRN-PLP Return
RTRN-RJT Return

ADDITIONAL COMMENTS

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

Invoice To: David J. Piggin
91 - 137 McGill Road
Kamloops BC V2C 1L9
CANADA

CC:



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



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Golden Ridge Resources Ltd**
 110 - 2300 Carrington Road
 West Kelowna BC V2T 2N6 Canada

Project: Pegmatite
 Report Date: September 05, 2012

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12001917A.1

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	
BG11QPG1	Rock	133	3	0.6	2.3	21.2	1.0	18.0	121.2	4	35.4	4.2	0.9	2.3	<8	1.0	8.9	6.7	1.2	2.4	0.25
BG11QPG2	Rock	66	5	0.6	4.1	32.1	0.2	58.3	254.5	15	42.8	6.7	1.1	2.0	9	3.3	4.3	4.8	1.7	3.0	0.29
BG11QPG2A	Rock	172	2	0.3	6.6	12.0	<0.1	6.4	341.8	2	46.8	0.6	0.5	1.1	<8	0.6	0.8	1.5	0.9	1.1	0.11
BG11QPG3	Rock	256	3	0.3	3.3	8.2	2.5	10.0	159.1	3	34.0	2.4	1.7	2.5	<8	2.9	11.0	1.6	0.4	0.6	0.06
BG11QPG4	Rock	11	<1	0.2	0.2	<0.5	<0.1	0.7	2.7	<1	0.6	0.2	<0.2	<0.1	<8	<0.5	0.8	<0.1	0.3	0.2	<0.02
BG11QPGFT5	Rock	97	6	0.5	4.5	27.0	0.5	45.5	273.4	12	27.0	5.3	1.0	3.2	<8	2.4	6.6	8.0	1.6	3.1	0.35

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Project: Pegmatite
Report Date: September 05, 2012

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CERTIFICATE OF ANALYSIS

VAN12001917A.1

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	7KP
Analyte		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.001
BG11QPG1	Rock	0.9	0.40	0.06	0.53	0.17	0.99	0.17	0.67	0.12	1.03	0.16	N.A.
BG11QPG2	Rock	1.1	0.39	0.11	0.49	0.12	0.66	0.15	0.41	0.07	0.52	0.07	N.A.
BG11QPG2A	Rock	<0.3	0.10	0.09	0.15	0.03	0.18	0.04	0.10	0.02	0.19	0.02	N.A.
BG11QPG3	Rock	0.5	0.17	0.04	0.09	0.02	0.21	0.03	0.15	0.04	0.41	0.06	0.730
BG11QPG4	Rock	<0.3	0.06	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01	N.A.
BG11QPGFT5	Rock	1.5	0.50	0.07	0.70	0.16	0.86	0.20	0.59	0.11	1.06	0.13	N.A.



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QUALITY CONTROL REPORT

VAN12001917A.1

Method	Analyte	4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm
Unit	MDL	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
Pulp Duplicates																					
BG11QPG3	Rock	256	3	0.3	3.3	8.2	2.5	10.0	159.1	3	34.0	2.4	1.7	2.5	<8	2.9	11.0	1.6	0.4	0.6	0.06
REP BG11QPG3	QC																				
BG11QPGFT5	Rock	97	6	0.5	4.5	27.0	0.5	45.5	273.4	12	27.0	5.3	1.0	3.2	<8	2.4	6.6	6.0	1.6	3.1	0.35
REP BG11QPGFT5	QC	99	3	0.3	4.3	27.4	0.5	47.6	279.3	12	26.6	5.5	1.0	2.6	<8	3.0	6.5	6.6	1.5	2.8	0.36
Reference Materials																					
STD NBLG	Standard																				
STD SO-18	Standard	486	<1	24.6	6.6	16.9	9.1	18.9	25.8	13	376.2	6.6	9.6	15.1	194	13.1	274.2	31.3	12.6	25.8	3.31
STD SO-18	Standard	489	2	24.9	6.6	16.5	9.0	19.5	26.2	14	389.3	7.0	10.1	14.9	201	13.1	277.4	31.2	12.7	26.6	3.34
STD W107	Standard																				
STD W107 Expected																					
STD SO-18 Expected		514	1	26.2	7.1	17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45
BLK	Blank																				
BLK	Blank	<1	<1	0.2	<0.1	<0.5	<0.1	0.2	<0.1	<1	<0.5	0.1	<0.2	<0.1	<8	<0.5	0.2	<0.1	<0.1	<0.1	<0.02



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Project: Pegmatite

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QUALITY CONTROL REPORT

VAN12001917A.1

Method		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	7KP	
Analyte		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.001
Pulp Duplicates													
BG11QPG3	Rock	0.5	0.17	0.04	0.09	0.02	0.21	0.03	0.15	0.04	0.41	0.06	0.730
REP BG11QPG3	QC												0.759
BG11QPGFT5	Rock	1.5	0.50	0.07	0.70	0.16	0.86	0.20	0.59	0.11	1.06	0.13	N.A.
REP BG11QPGFT5	QC	1.1	0.56	0.07	0.64	0.15	1.01	0.19	0.53	0.10	0.95	0.15	
Reference Materials													
STD NBLG	Standard												<0.001
STD SO-18	Standard	13.8	2.81	0.82	2.82	0.46	2.75	0.58	1.68	0.25	1.88	0.25	
STD SO-18	Standard	12.5	3.00	0.86	2.86	0.46	2.78	0.57	1.70	0.24	1.81	0.25	
STD W107	Standard												0.046
STD W107 Expected													0.045
STD SO-18 Expected		14	3	0.89	2.93	0.53	3	0.62	1.84	0.27	1.79	0.27	
BLK	Blank												<0.001
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01	



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Submitted By: Linda Dandy
Receiving Lab: Canada-Vancouver
Received: April 23, 2012
Report Date: April 30, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12001917.1

CLIENT JOB INFORMATION

Project: Pegmatite
Shipment ID:
P.O. Number
Number of Samples: 6

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include R200-250, 3B01, and 1DX1.

SAMPLE DISPOSAL

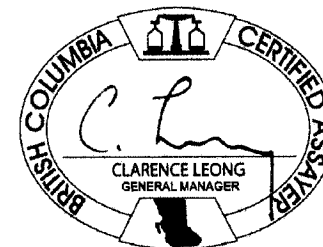
RTRN-PLP Return
RTRN-RJT Return

ADDITIONAL COMMENTS

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

Invoice To: Golden Ridge Resources Ltd
110 - 2300 Carrington Road
West Kelowna BC V2T 2N6
Canada

CC: Larry Nagy
Greg Dawson
David Piggitt



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Project: Pegmatite
 Report Date: April 30, 2012

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CERTIFICATE OF ANALYSIS

VAN12001917.1

Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
BG11QPG1	Rock	2.98	<2	6.0	15.7	25.7	145	0.2	0.5	0.4	234	0.31	1.8	<0.5	0.7	<1	1.0	0.5	0.2	<2	0.06
BG11QPG2	Rock	2.54	<2	17.7	4.7	6.8	21	<0.1	0.5	0.3	65	0.30	<0.5	<0.5	0.9	1	<0.1	0.1	<0.1	<2	0.04
BG11QPG2A	Rock	0.99	<2	0.4	2.9	7.6	24	<0.1	0.3	0.1	29	0.15	<0.5	<0.5	0.4	1	0.1	0.1	0.3	<2	0.02
BG11QPG3	Rock	2.32	<2	>2000	4.0	7.4	16	0.1	0.6	0.1	80	0.28	0.5	<0.5	1.6	1	4.8	0.1	5.1	<2	0.01
BG11QPG4	Rock	1.63	<2	3.4	2.1	4.5	14	<0.1	0.7	0.1	28	0.26	<0.5	1.0	<0.1	<1	<0.1	0.1	<0.1	<2	<0.01
BG11QPGFT5	Rock	2.40	<2	25.4	2.3	2.7	8	<0.1	0.5	0.2	72	0.28	<0.5	<0.5	0.8	<1	<0.1	<0.1	<0.1	<2	0.07



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Project: Pegmatite
Report Date: April 30, 2012

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CERTIFICATE OF ANALYSIS

VAN12001917.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	P	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	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
BG11QPG1	Rock	0.030	<1	<1	<0.01	44	0.002	<20	0.18	0.082	0.06	0.2	0.03	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BG11QPG2	Rock	0.018	<1	<1	0.01	5	0.002	<20	0.26	0.049	0.16	0.2	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
BG11QPG2A	Rock	0.011	<1	<1	<0.01	17	<0.001	<20	0.12	0.021	0.14	<0.1	0.02	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BG11QPG3	Rock	0.004	<1	1	<0.01	13	<0.001	<20	0.11	0.022	0.11	2.0	<0.01	<0.1	<0.1	0.50	<1	1.1	<0.2
BG11QPG4	Rock	<0.001	<1	1	<0.01	10	<0.001	<20	0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BG11QPGFT5	Rock	0.033	<1	<1	<0.01	5	0.002	<20	0.25	0.047	0.17	0.2	<0.01	0.2	0.1	<0.05	2	<0.5	<0.2



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 Report Date: April 30, 2012

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QUALITY CONTROL REPORT

VAN12001917.1

Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
BG11QPG1	Rock	2.98	<2	6.0	15.7	25.7	145	0.2	0.5	0.4	234	0.31	1.8	<0.5	0.7	<1	1.0	0.5	0.2	<2	0.06
REP BG11QPG1	QC			5.5	14.8	23.3	138	0.2	0.5	0.4	234	0.30	1.8	<0.5	0.7	1	1.0	0.5	0.2	<2	0.06
BG11QPG2	Rock	2.54	<2	17.7	4.7	6.8	21	<0.1	0.5	0.3	65	0.30	<0.5	<0.5	0.9	1	<0.1	0.1	<0.1	<2	0.04
REP BG11QPG2	QC		<2																		
Reference Materials																					
STD DS8	Standard			12.4	107.3	136.5	315	1.8	36.9	7.7	624	2.50	24.5	102.2	6.4	59	2.2	4.9	6.2	38	0.67
STD OREAS45CA	Standard			1.2	440.0	20.6	54	0.2	202.2	80.9	833	13.32	3.6	40.7	6.9	8	0.1	0.2	0.1	180	0.38
STD OXC88	Standard		195																		
STD OXC99	Standard		926																		
STD OXC88 Expected			203																		
STD OXC99 Expected			932																		
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	2	<0.1	24.3	68.4	191	0.5	2.2	3.8	548	1.90	3.5	1.0	5.1	58	0.9	1.5	0.3	34	0.45



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 Report Date: April 30, 2012

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QUALITY CONTROL REPORT

VAN12001917.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																			
BG11QPG1	Rock	0.030	<1	<1	<0.01	44	0.002	<20	0.18	0.082	0.06	0.2	0.03	<0.1	<0.1	<0.05	<1	<0.5	<0.2
REP BG11QPG1	QC	0.028	<1	<1	<0.01	42	0.002	<20	0.18	0.079	0.06	0.2	0.02	0.2	<0.1	<0.05	<1	<0.5	<0.2
BG11QPG2	Rock	0.018	<1	<1	0.01	5	0.002	<20	0.26	0.049	0.16	0.2	<0.01	0.4	<0.1	<0.05	2	<0.5	<0.2
REP BG11QPG2	QC																		
Reference Materials																			
STD DS8	Standard	0.081	12	119	0.60	285	0.101	<20	0.87	0.083	0.42	2.5	0.22	2.3	5.7	0.16	4	5.3	4.9
STD OREAS45CA	Standard	0.035	15	623	0.11	152	0.100	<20	2.97	0.011	0.06	<0.1	0.05	37.5	<0.1	<0.05	16	<0.5	<0.2
STD OXC88	Standard																		
STD OXG99	Standard																		
STD OXC88 Expected																			
STD OXG99 Expected																			
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.079	10	4	0.51	167	0.109	<20	0.91	0.098	0.49	<0.1	0.02	2.3	0.4	<0.05	4	0.5	<0.2

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