

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

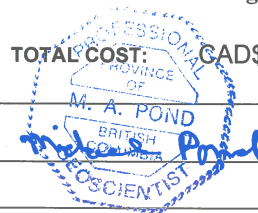
Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Legal Mineral Lease Survey

TOTAL COST: CAD\$127,374.21

AUTHOR(S): Michael Pond, P.Geo.

SIGNATURE(S):



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): #M-4 2012

YEAR OF WORK: 2013

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): statement of work - event # 5484046

January 07, 2014

PROPERTY NAME: Endako Minesite - Mine #0200478

CLAIM NAME(S) (on which the work was done): 507253, 507228, 507250, 1017816, 1017873, 1017817, 1017860,
1017827, 1017773, 1017568, 1017547, 1017549, 1017551, 507165, 507245, 1017774, 1017558, 1017562, 867201

COMMODITIES SOUGHT: molybdenum

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093K/006

MINING DIVISION: Omineca NTS/BCGS: Trim 093K 005 UTM Zone 10

LATITUDE: 54 ° 03 ' 37 " LONGITUDE: 125 ° 09 ' 27 " (at centre of work)

OWNER(S):

1) Thompson Creek Mining Ltd.

2) Sojitz Canada Corp.

MAILING ADDRESS:

Bag 4001

Fraser Lake, BC V0J1S0

Suite 2624, 1055 Dunsmuir St.

Vancouver, BC V7X1L3

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

1) Thompson Creek Mining Ltd.

2)

MAILING ADDRESS:

Bag 4001

Fraser Lake, BC V0J1S0

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

Commodities: Molybdenum Significant Minerals: Molybdenite, Pyrite, Magnetite, Chalcopyrite, Sphalerite, Bornite, Scheelite

Alteration: Sericite, Kaolinite, K-Feldspar, Specularite, Pyrite Alteration Type: Argillic, Potassic, Oxidation

Classification: Stockwork, Vein, Porphyry, Hydrothermal, Epigenetic Type: L05: Porphyry Mo (Low F- type)

Shape: Irregular Modifier: Faulted Dimension: 3353x370x365 metres Strike/Dip: 110/60S

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	_____	_____	_____
Photo interpretation	_____	_____	_____
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	_____	_____	_____
Electromagnetic	_____	_____	_____
Induced Polarization	_____	_____	_____
Radiometric	_____	_____	_____
Seismic	_____	_____	_____
Other	_____	_____	_____
Airborne			
_____	_____	_____	_____
GEOCHEMICAL (number of samples analysed for...)			
Soil	_____	_____	_____
Silt	_____	_____	_____
Rock	_____	_____	_____
Other	_____	_____	_____
DRILLING (total metres; number of holes, size)			
Core	_____	_____	_____
Non-core	_____	_____	_____
RELATED TECHNICAL			
Sampling/assaying	_____	_____	_____
Petrographic	_____	_____	_____
Mineralographic	_____	_____	_____
Metallurgic	_____	_____	_____
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)	_____	_____	_____
Topographic/Photogrammetric (scale, area)	_____	_____	_____
Legal surveys (scale, area)	1:10,000 , 1607 ha.	_____	CAD\$127,374.21
Road, local access (kilometres)/trail	_____	_____	_____
Trench (metres)	_____	_____	_____
Underground dev. (metres)	_____	_____	_____
Other	_____	_____	_____
		TOTAL COST:	CAD\$127,374.21

Assessment Report

Endako Mine 2013 Mineral Claim to Lease Survey

Omineca Mining Division

N.T.S. 93K/3E
Latitude 54⁰ 02' N
Longitude 125⁰ 07' W

Owner/Operator:

Thompson Creek Mining Ltd.
Endako Mines
Bag 4001
Fraser Lake, B.C. V0J 1S0

Prepared for

Ministry of Energy, Mines, & Petroleum Resources
Mining & Minerals Division

by

Michael Pond, P. Geo.
Endako Mines Ltd.

March 27, 2014

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1.0 Summary

The Endako porphyry molybdenite deposit is located 160 kilometres west of Prince George in central British Columbia. The property consists of 56 claims and 25 mineral leases covering approximately 13,156.2 hectares. Thompson Creek Mining Ltd. owns 75% of the operation and Sojitz Moly Resources Inc. owns 25%. The Endako Mine consists of three different open pits: the Endako, Denak East, and Denak West, with a total proven and probable reserve of 305.4 million tonnes grading 0.046% molybdenum as of December 31, 2012, and is currently operating at a rate of approximately 52,000 tonnes per day.

From March through November 2013, field work was completed by BC land surveyors with Focus Corporation. A complete assessment of existing Endako mineral claims and leases were reviewed and confirmed in the field. A proposed boundary defining a conversion from mineral claim to mineral lease was defined, field blazed, and documented with permanent monuments. The lease application was submitted to the Mineral Titles branch on November 07, 2013. The supporting legal survey and full application report was submitted December 19, 2013.

2.0 Introduction

2.1 Terms of Reference

During January of 2013 Thompson Creek Mining put out to bid, a proposal to complete a legal land survey of the Endako Mine property. The legal land survey was a primary requirement to support a mineral claim to lease application to the Mineral Titles Branch. The contract was awarded to Focus Corporation and field work completed from March to November 2013.

This report documents the Endako Mine survey. Existing survey monuments were located, new monuments placed, and 3.91 km of lease boundary blazed. Details of the survey, resulting processing, and lease application are described in Section 3.

The deliverables for the project were the legal land survey, supporting land title search reports, and consultation sessions with the Mineral Titles branch.

The work was conducted under work approval for Mines Act Permit M-4, amended March 08, 2012.

2.2 Property Description and Location

The Endako porphyry molybdenite deposit is located 160 kilometres west of Prince George in central British Columbia. The centre of the property sits at 54° 02'N and 125° 07'W, or 5990212mN and 362020mE, UTM Zone 10, NAD 83 (Figure 1).

The property consists of 56 legacy and converted legacy claims and 25 mineral leases covering an area of approximately 13,156.2 hectares (Figure 2). Appendix 2 contains information on each individual claim and lease. The expiry dates, (event 5484046) for the claims shown in Figure 2 and Appendix 2, are pending acceptance of this report. The property is 75% owned by Thompson Creek Mining Ltd and 25% by Sojitz Moly Resources Inc.

The Endako Mine consists of three open pits: the Endako, Denak East, and Denak West, with a total proven and probable reserve of 305.4 million tonnes grading 0.046% molybdenum (%Mo) (December 31, 2012). Current production is 52,000 tonnes per day.

2.3 Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Endako Mine Property lies within the Interior Plateau, characterized by broad valleys, flat-topped hills, and generally gently rolling terrain. Glaciation moved across the area from the west leaving a distinct east-west grain. Elevations range from 670 metres at Endako village to 1,090 metres at the crest of the Endako Pit. Vegetation consists of relatively open pine forests.

Access to the mine is via 10 kilometres of paved road from the Village of Endako located on Highway 16 northeast of the mine. A network of mine roads provides excellent access to most parts of the property. Prince George, the largest service centre in

northern British Columbia, is 160 kilometres east along Highway 16. Fraser Lake, 20 kilometres to the northeast, is the nearest significant community to the mine.

2.4 Property History

The Endako deposit was discovered in 1927 by local prospectors and explored with a short shaft and tunnel. The leached nature of the mineralization, extensive overburden, low grades, and lack of precious metals led to the claims being dropped in 1958. In 1962, R and P Metals Corporation acquired the property and after encouraging diamond drilling results incorporated Endako Mines Ltd. Further diamond drilling and bulk sampling led to a positive production decision in 1964 and official mine opening on June 8, 1965. Production was expanded from 9,070 tonnes per day to 24,500 tpd in 1967, 27,000 tpd by 1980, and 30,000 tpd in 1993.

Exploration has been ongoing from the mid-sixties to the present, including geochemical sampling, diamond and percussion drilling. In 1997, Endako was sold to Thompson Creek Mining Ltd. (75%) and Nissho Iwai Moly Resources Inc. (25%).

Recent diamond drill programs occurred in 2010 and 2011. The 2010 program comprised 13,778 metres in 91 holes. The program added significant reserves northwest of the existing Denak West Pit. The 2011 program comprised 21,743 metres in 89 holes. The program again completed additional resource definition northwest of the Denak West Pit, as well as step out reserve definition in the main Endako Pit.

In 2008 Hatch Limited completed a feasibility study for the design and construction of a new mill to increase production from 28,000 tonnes per day (tpd), to 50,000 tpd. On June 1st 2012 the new mill was commissioned. Currently operating at approximately 52,000 tpd, the mill continues to increase operating tonnage and recoveries. In 2012 the mine shipped 8.255 million pounds of Mo.

Figure 1 Property Location Map

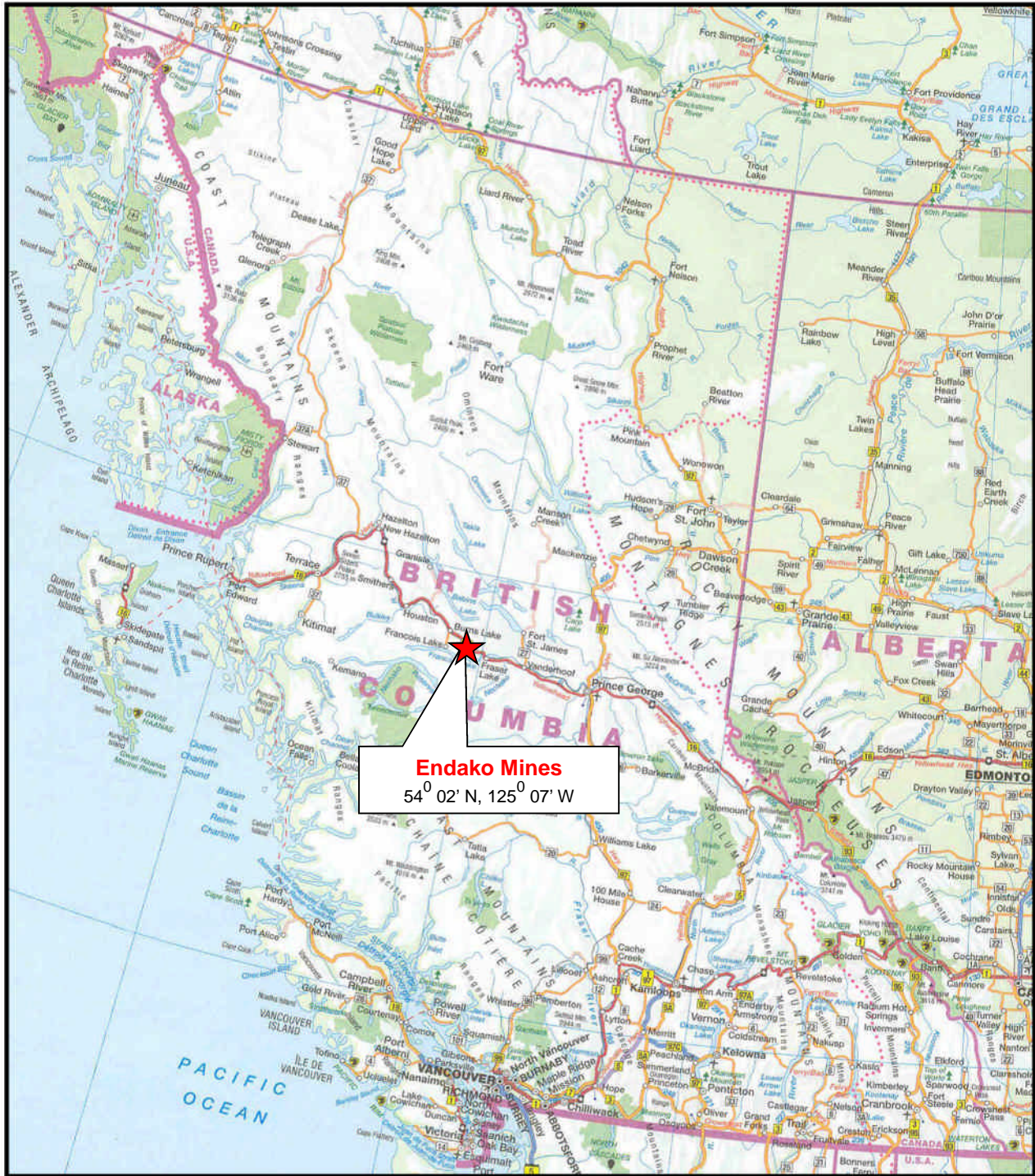
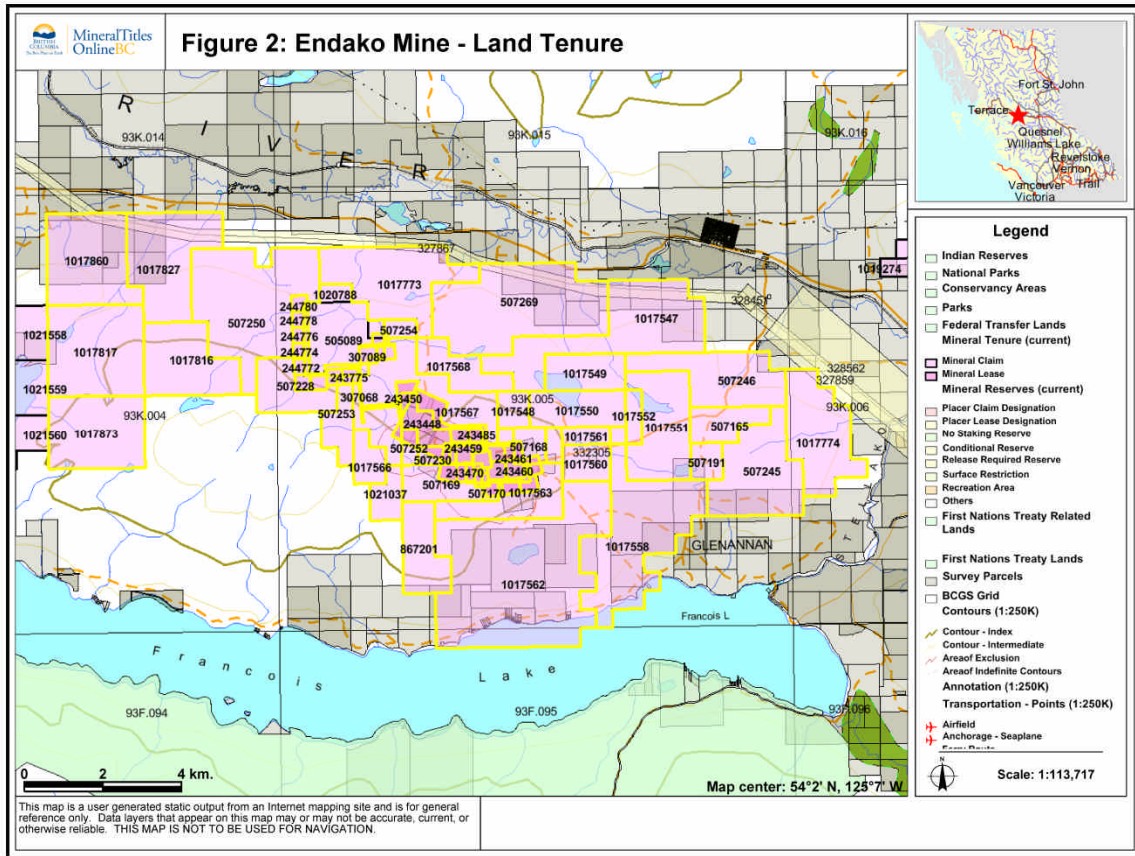


Figure 2 Endako Mine – Land Tenure



3.0 Mine Lease Survey

3.1 Contract

During January 2013 Endako requested bids from three survey companies to bid on a project to complete a mineral title legal survey in support of a mineral claim to mineral lease application. Detailed research and confirmation of the mineral titles held by Thompson Creek (Endako Mines) was to be completed followed by a legal ground survey to define, blaze, and monument the proposed new lease area.

The contract was awarded to Focus Corporation of Prince George, BC. Field work commenced in March 2013 and was completed in November 2013. The supporting Legal Survey was forwarded to Mineral Titles on November 07, 2013.

Figure 3 shows the claims included in the survey and Figure 4 shows the claims for assessment covered by this report.

3.2 Survey Parameters

Map 1, complete with detail insets and data tables fully describe the legal survey for the lease application. Figure 5 shows the existing Endako mineral lease boundary, the new lease application boundary, and the primary survey control monuments. Table 1a, 1b, and 1c list the primary control monument details.

The following text is from the Map 1 legend notes, (Tyler Mikkelson, BCLS).

This plan shows one or more witness posts which are not set on the true corner(s). Bearings to bearing trees are magnetic.

Bearings are NAD83 (CSRS) UTM Grid and are derived from differential carrier phase GPS observations and are referred to the central meridian of UTM Zone 10 North. To obtain local astronomic bearings referred to the meridian through 617001, subtract 1'41'41".

The UTM coordinates and estimated network horizontal accuracy are derived from GPS Dual Frequency Baseline Ties to Prince George Active Control Point (GCM106526).

This plan shows UTM grid distances. To compute ground distances based on a mean ellipsoid elevation of 934.804 metres, divide UTM grid distances by the mean combined scale factor of 0.9996894327.

Legacy Claim coordinates were obtained from the Ministry of Energy and Mines and are NAD83(CSRS) UTM Zone 10 North.

Boundaries cut out and/or blazed marked accordingly on the plan.

The original survey monuments at corners 152 and 158 through 200 were destroyed by either mining activity or logging and clearing activity. Ground searches were carried out at corners 158, 159, 161, 169, 177, 178, 179, 198 and 199. For all other destroyed

corners it was clear, referring to the ortho imagery of the area, that original monumentation could not have survived. There are several cancelled District Lots which were surveyed and monumented in the 1960s and 1970s in the area of Mineral Claims 507232, 507168 and 507227. Ground searches were carried out for the monuments established by the surveys of those cancelled District Lots. It was found they had been destroyed by mining disturbance activity or logging and clearing activity.

Corners 158 through 200 were re—established with the following methodology:

1. Corner 177 was found by W.D. McIntosh, BCLS in 2010 and shown on his Plan BCP45012. Corner 177 was re—established using raw field measurements from that survey.
2. A composite plan of the original surveys, adjacent mineral leases and cancelled District Lots 1553 and 1554, was compiled using coordinate geometry. These surveys were originally surveyed in the 1960s and 1970s. The location lines shown on these surveys were used as the common boundary between plans for orientation. The composite coordinates were compared to coordinates obtained from field measurements for the monuments found by the field survey. Based on an analysis of the differences, corners 151, 153, 177, 201, 202, CIP612004 and OAP 1003108 field coordinates were held fixed in a least squares adjustment of the compiled coordinates.
3. Coordinates for corners 150 and 154 through 157 were amended to reflect actual field measurements.

Figure 3 Lease Survey Claims

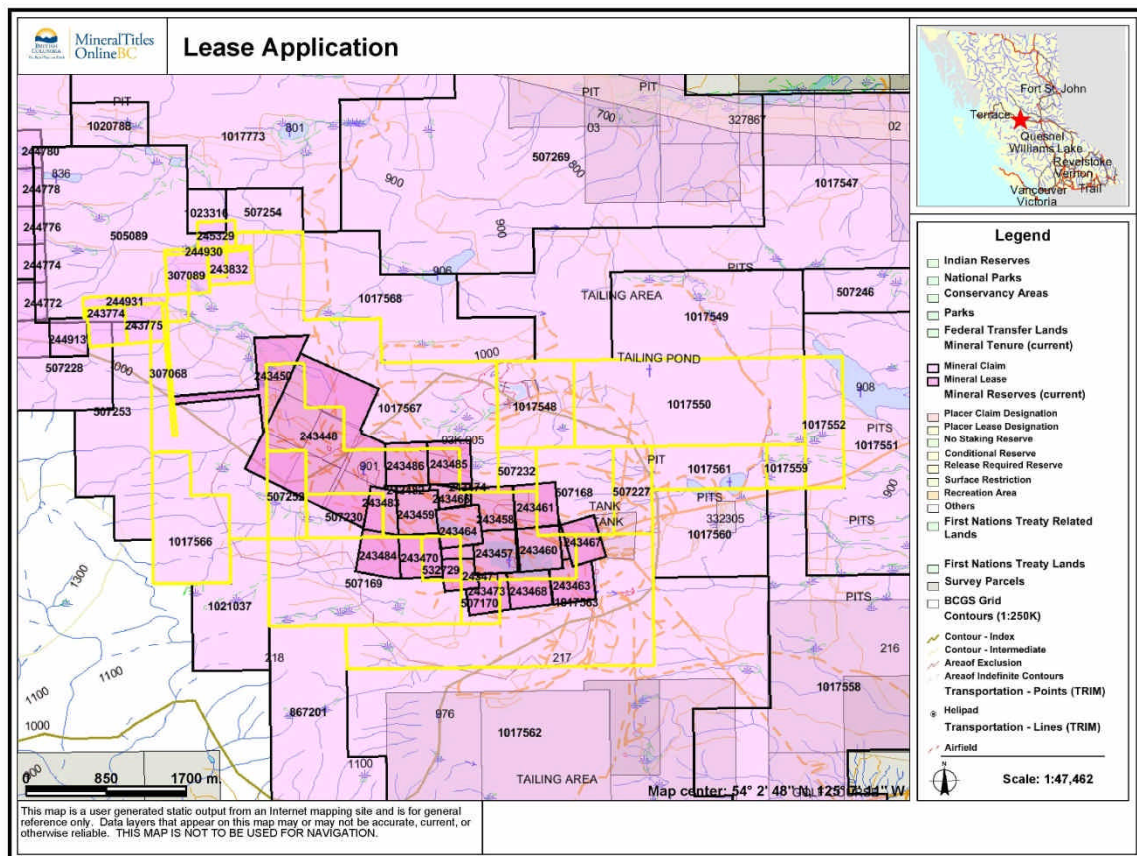


Table 1a, 1b, 1c Survey Monuments

GPS Ties to Capped Posts and GPS Control		
Course	Bearing	Distance
CP1001-CP1003	277°09'43"	4698.909
CP1003 -CP1002	188°27'34"	3306.984
CP1003-CP2	266°50'01"	2602.632
CP1003-CP3	269°56'58"	2603.934
CP1003-CP4	267°51'56"	2606.672
CP1003-WtCP5	267°54'20"	2638.981
CP1003-WtCP6	272°31'16"	2639.898
CP1003-CP7	272°49'08"	2432.416
CP1003-CP8	273°34'52"	1744.018
CP1003-CP9	274°14'11"	1520.186
CP1003-CP10	263°23'23"	1535.066
CP1003-CP11	264°27'50"	1759.707
CP1003-CP12	270°05'23"	1752.975
CP1003-CP13	286°54'41"	1828.766
CP1003-CP14	288°16'22"	1842.787
CP1003-CP15	292°52'59"	1508.774
CP1003-CP16	298°14'19"	1578.906
CP1003-CP17	301°44'40"	1636.488
CP1003-WtCP18	308°19'09"	1391.504
CP1003-617003	130°57'06"	3643.051
CP1001-617003	226°40'47"	2626.405
CP1001-617002	219°52'25"	2549.057
CP 1001-617001	214°43'30"	2876.836
617003-617002	119°10'08"	316.768
617002-617001	180°38'28"	408.183
617001-GCM106526	96°05'52"	151343.524
617001-CP1002	264°46'45"	3524.606
617003-CP1002	254°44'31"	3356.263
CP1002-CP2	325°57'53"	3773.715
CP 1002-C1P 612004	11°08'40"	630.399
617002-1008105	67°15'55"	135.918
CP1003-C1 P612004	187°49'40"	2677.440
617001-617003	334°11'35"	624.866

UTM Coordinate Table Primary Control Monuments		
Corner	Northing	Easting
CP1001	5991759.452	364538.971
CP1002	5989074.275	359390.228
CP1003	5992345.279	359876.723
617001	5989394.995	362900.212
617002	5989803.152	362904.780
617003	5989957.540	362628.182

UTM Coordinate Table External Monuments		
Corner	Northing	Easting
CI P 612004	5989692.787	359512.072
1008101	5989903.182	363032.297
1008105	5989855.680	363030.138
OAP1003108	5989449.531	359899.112

4.0 Conclusions

After the submission of the legal survey on December 19, 2013 to the Surveyor General, (Appendix 4), the following application items have also been completed:

4.1 Lease Application Publication Notice

Figure 6 shows the lease application notice that was published in the BC Gazette on January 23, 2014. The notice was also published in the local mine area for four consecutive weeks in the Omineca Express newspaper (Burns Lake and Vanderhoof); and the Vancouver Sun newspaper from January 25 to February 19, 2014.

Figure 6 BC Gazette Notice

MINING LEASE APPLICATION

Take notice that Thompson Creek Mining Ltd., Bag 4001, Fraser Lake, British Columbia, V0J 1S0, free miner certificate client number 140102, has applied to the Chief Gold Commissioner for the Province of British Columbia, for a mining lease of minerals identified by the mineral claims listed below. The mineral claims will be surveyed and approved by the Surveyor General.

The following mineral claims are subject to the mining lease application:

- **Tenure Numbers 243774-243775, 243832, 244930-244931, 245329, 307068, 307089, 507168-507170, 507227, 507230, 507232, 507252, 532729, 1017548, 1017550, 1017552, 1017559, 1017561, 1017563 and 1017566-1017567**
- **Mineral Titles Map Number 093K005**

Posted at the Chief Gold Commissioner's office in Victoria, British Columbia, this 17th Day of January, 2014.

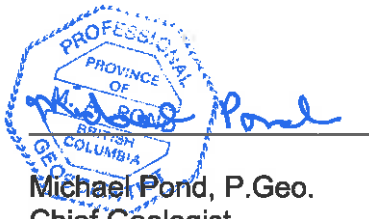
4.2 Lease Consultation

A period of consultation was completed by the Ministry of Energy and Mines with First Nations and other stakeholder groups from January 31 to March 14, 2014.

4.3 Adverse Claim Posting Period

An 80 day adverse claim posting period began January 17, 2014 on the application notice date in the BC Gazette, (section 5.1 above). The lease application is expected to then pass to the Chief Gold Commissioner for the lease grant. A 20 year term has been applied for.

Respectfully submitted,



Michael Pond, P. Geo.
Chief Geologist
Thompson Creek Mining Ltd – Endako Mines
March 27, 2014

Appendix 1

Statement of Author's Qualifications

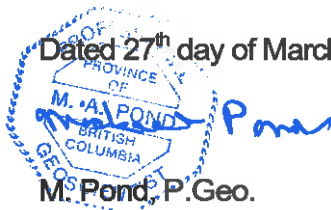
I, Michael Pond, P.Geol. do hereby certify that:

1. I am currently employed as Chief Geologist by:

Thompson Creek Mining Ltd
Endako Mine
Bag 4001,
Fraser Lake, BC V0J1S0

2. I graduated from the University of British Columbia with a Bachelors of Science, Geology in 1982
3. I graduated from the British Columbia Institute of Technology with a Diploma of Technology, CAD/CAM in 1986.
4. I am a Registered Professional Geologist with the Association of Professional Engineers and Geoscientists of BC.
Registration # 18735
5. I have worked as a Geologist for a total of 26 years since my graduation from university.
6. I am responsible for all sections of this report except section 3.2 as noted.
7. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

Dated 27th day of March, 2014.



M. Pond, P. Geol.

Appendix 2

Tenure Information

All 25 Endako Mineral Leases are in good standing to September 2014.

All 56 Endako Mineral Claims are in good standing to the year 2018.


[Print and Close](#)
[Cancel](#)

Mineral Titles Online Viewer

Search criteria:

Criteria	Owner	Tenure Type	Tenure Status
	140102	M	GOOD

Click [here](#) to go back to the previous page
 Click [here](#) to go back to the tenure search page.

Search results: [Download to Excel \(all results\)](#)

Total 81 tenures are found.

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
243448		140102 100%	Mineral	Lease	093K005	1977/may/06	2015/may/06	GOOD	164.53
243450		140102 100%	Mineral	Lease	093K005	1979/sep/06	2014/sep/06	GOOD	36.92
243457		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	19.55
243458		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	18.52
243459		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	19.75
243460		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	20.90
243461		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	20.81
243462		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	0.73
243463		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	18.19
243464		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	18.84
243465		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	2.05
243466		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	7.12
243467		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	16.78
243468		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	17.26
243469		140102 100%	Mineral	Lease	093K005	1964/sep/23	2014/sep/23	GOOD	0.20
243470		140102 100%	Mineral	Lease	093K005	1967/jan/05	2015/jan/05	GOOD	20.19
243471		140102 100%	Mineral	Lease	093K005	1967/jan/05	2015/jan/05	GOOD	16.25
243472		140102 100%	Mineral	Lease	093K005	1967/jan/05	2015/jan/05	GOOD	0.09
243473		140102 100%	Mineral	Lease	093K005	1967/jan/05	2015/jan/05	GOOD	16.30
243474		140102 100%	Mineral	Lease	093K005	1967/jan/05	2015/jan/05	GOOD	2.06
243482		140102 100%	Mineral	Lease	093K005	1971/jan/29	2015/jan/29	GOOD	2.72
243483		140102 100%	Mineral	Lease	093K005	1971/jan/29	2015/jan/29	GOOD	15.08
243484		140102 100%	Mineral	Lease	093K005	1971/jan/29	2015/jan/29	GOOD	19.96
243485		140102 100%	Mineral	Lease	093K005	1971/jan/29	2015/jan/29	GOOD	20.85
243486		140102 100%	Mineral	Lease	093K005	1971/jan/29	2015/jan/29	GOOD	20.70
243774	DIS #35	140102 100%	Mineral	Claim	093K005	1962/jun/29	2023/feb/15	GOOD	25.00
243775	DIS #36	140102 100%	Mineral	Claim	093K005	1962/jun/29	2023/feb/15	GOOD	25.00
243832	DAT #410	140102 100%	Mineral	Claim	093K005	1962/nov/19	2023/feb/15	GOOD	25.00

244772	SAM 18	140102 100%	Mineral	Claim	093K005	1969/apr/17	2023/feb/15	GOOD	25.00
244774	SAM 20	140102 100%	Mineral	Claim	093K005	1969/apr/17	2023/feb/15	GOOD	25.00
244776	SAM 22	140102 100%	Mineral	Claim	093K005	1969/apr/17	2023/feb/15	GOOD	25.00
244778	SAM 24	140102 100%	Mineral	Claim	093K005	1969/apr/17	2023/feb/15	GOOD	25.00
244780	SAM 26	140102 100%	Mineral	Claim	093K005	1969/apr/17	2023/feb/15	GOOD	25.00
244913	SAM 80	140102 100%	Mineral	Claim	093K005	1969/sep/12	2023/feb/15	GOOD	25.00
244915	SAM 82	140102 100%	Mineral	Claim	093K005	1969/sep/12	2023/feb/15	GOOD	25.00
244930	DAT 5 FR.	140102 100%	Mineral	Claim	093K005	1969/oct/31	2023/feb/15	GOOD	25.00
244931	DAT 6 FR.	140102 100%	Mineral	Claim	093K005	1969/oct/31	2023/feb/15	GOOD	25.00
245329	CORA #5	140102 100%	Mineral	Claim	093K005	1971/may/03	2023/feb/15	GOOD	25.00
307068	DIS 2 FRAC.	140102 100%	Mineral	Claim	093K005	1969/jul/25	2023/feb/15	GOOD	25.00
307089	DAT #409	140102 100%	Mineral	Claim	093K005	1962/nov/19	2023/feb/15	GOOD	25.00
507165		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	151.91
507168		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	75.96
507169		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	170.95
507170		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	19.00
507191		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	75.97
507227		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	37.98
507228		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	246.78
507230		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	37.98
507232		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	18.99
507245		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	474.84
507246		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	398.65
507250		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	834.88
507252		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	37.98
507253		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	132.91
507254		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	37.96
507269		140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	815.97
532729		140102 100%	Mineral	Claim	093K	2006/apr/20	2023/feb/15	GOOD	18.99
867201	SATELLITE	140102 100%	Mineral	Claim	093K	2011/jul/22	2023/jul/22	GOOD	228.02
1017547	Kendo 02	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	664.25
1017548	Kendo 01	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	75.95
1017549	Kendo 4	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	189.83
1017550	Kendo 3	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	227.84
1017551	Kendo 06	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	398.76
1017552	Kendo 05	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	56.96
1017558	Kendo 08	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	721.99
1017559	Kendo 07	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	18.99
1017560	Kendo 10	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	113.95
1017561	Kendo 09	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	56.97
1017562	Kendo	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	1349.27

	12								
1017563	Kendo 11	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	265.94
1017566	Kendo 14	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	94.96
1017567	Kendo 13	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	569.57
1017568	Kendo 15	140102 100%	Mineral	Claim	093K	2005/feb/15	2023/feb/15	GOOD	189.82
1017773	KENDO 20	140102 100%	Mineral	Claim	093K	2013/mar/14	2019/mar/14	GOOD	531.24
1017774	KENDO 21	140102 100%	Mineral	Claim	093K	2013/mar/14	2018/mar/14	GOOD	436.75
1017816	KENDO 22	140102 100%	Mineral	Claim	093K	2013/mar/15	2018/mar/15	GOOD	379.61
1017817	KENDO 23	140102 100%	Mineral	Claim	093K	2013/mar/15	2018/mar/15	GOOD	569.37
1017827	KENDO 24	140102 100%	Mineral	Claim	093K	2013/mar/16	2018/mar/16	GOOD	493.22
1017860	KENDO 25	140102 100%	Mineral	Claim	093K	2013/mar/17	2018/mar/17	GOOD	493.22
1017873	KENDO 25	140102 100%	Mineral	Claim	093K	2013/mar/18	2017/mar/18	GOOD	455.70
1021037		140102 100%	Mineral	Claim	093K	2013/jul/16	2018/jul/16	GOOD	94.98

Total 81 tenures are found.

Click [here](#) to go back to the previous page
Click [here](#) to go back to the tenure search page.

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Appendix 3

Mineral Titles Online – Event 5484046

Appendix 4

Survey Plan – Submission to Surveyor General

**SURVEY PLAN
SUBMISSION TO SURVEYOR GENERAL
LAND TITLE AND SURVEY AUTHORITY**

By incorporating your electronic signature into this electronic plan, you:
(a) represent that you are a subscriber and that you have incorporated your electronic signature in accordance with section 93.93(3) of the *Land Act*, RSBC 1996, c.245; and
(b) certify the matters set out in section 93.93(4) of the *Land Act*.
Each term used in this representation and certification is to be given the meaning ascribed to it in Part 7.2 of the *Land Act*.

1. BC LAND SURVEYOR IDENTIFICATION: (Name, address, phone number)

Deduct LTSA Fees? Yes

2. PLAN IDENTIFICATION:

Plan Type: Grid:
Plan Number: Control Number:

This original plan number assignment was done under Commission #:

Survey Type:

LOCATION:

Quarter Unit: Exception: Unit: P&NG Block: P&NG Group: - -

Land District:

LOCATION:

Exception: LS: Section:

Township: Range: Meridian:

3. PARCEL IDENTIFICATION AND LEGAL DESCRIPTION OF PARCEL(S) AS DESIGNATED BY THE SURVEYOR GENERAL:

[PIN] [LEGAL DESCRIPTION]

4. CERTIFICATION:

(YYYY/Month/DD)

The checklist was filed under ECR#:

on this date:

(YYYY/Month/DD)

5. ALTERATION:

This is an alteration to a previous version of this plan identified by control number:

DESCRIPTION OF ALTERATION:

ADDITIONAL PARCEL IDENTIFICATION

PARCEL IDENTIFICATION AND LEGAL DESCRIPTION OF PARCEL(S) AS DESIGNATED BY THE SURVEYOR GENERAL:

[PIN_.....]LEGAL DESCRIPTION]

"
"

[PIN_.....]LEGAL DESCRIPTION_

"
"

[PIN_.....]LEGAL DESCRIPTION]

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[PIN_.....]LEGAL DESCRIPTION]

"

[PIN_.....]LEGAL DESCRIPTION]

"
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[PIN_.....]LEGAL DESCRIPTION]

"

[PIN_.....]LEGAL DESCRIPTION]

"
"

[PIN_.....]LEGAL DESCRIPTION]

"



ADDITIONAL PARCEL IDENTIFICATION

PARCEL IDENTIFICATION AND LEGAL DESCRIPTION OF PARCEL(S) AS DESIGNATED BY THE SURVEYOR GENERAL:

[PIN_.....]LEGAL DESCRIPTION]

"
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[PIN_.....]LEGAL DESCRIPTION_

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[PIN_.....]LEGAL DESCRIPTION]

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[PIN_.....]LEGAL DESCRIPTION]

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[PIN_.....]LEGAL DESCRIPTION]

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ADDITIONAL PARCEL IDENTIFICATION

PARCEL IDENTIFICATION AND LEGAL DESCRIPTION OF PARCEL(S) AS DESIGNATED BY THE SURVEYOR GENERAL:

[PIN_.....]LEGAL DESCRIPTION]

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[PIN_.....]LEGAL DESCRIPTION_

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[PIN_.....]LEGAL DESCRIPTION]

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[PIN_.....]LEGAL DESCRIPTION]

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Appendix 5

Computer Software List

1. Project locations were accurately sited using a Trimble GPS system. Data input and output functions used “Trimble Geomatics Office”, version 1.60.
2. Many plotting and drafting functions were done with the Autodesk – “Autocad 2013” program.
3. General report and documentation has been done using the “Microsoft Office Professional Plus 2010 Suite”. (Word, Excel, Outlook)
4. Document PDF file creation and edits have been done using Nuance “PDF Converter Professional 6.0”.
5. PDF document review and collaboration have also used the Adobe Systems Inc, “Adobe Reader 9”, version 10.1.3.
6. Simple text data file edits and review used the Helios Software Solutions – “TextPad” program, version 5.4.2.
7. Map GIS and coordinate translations were done with “MapInfo” version 8.5.2.
8. Regional and detailed locations and imagery were plotted from “Google Earth”, version 6.2.2.6613.
9. Screen Captures completed with Techsmith SnagIt version 9.1.3.

Appendix 6

Program Expenditures

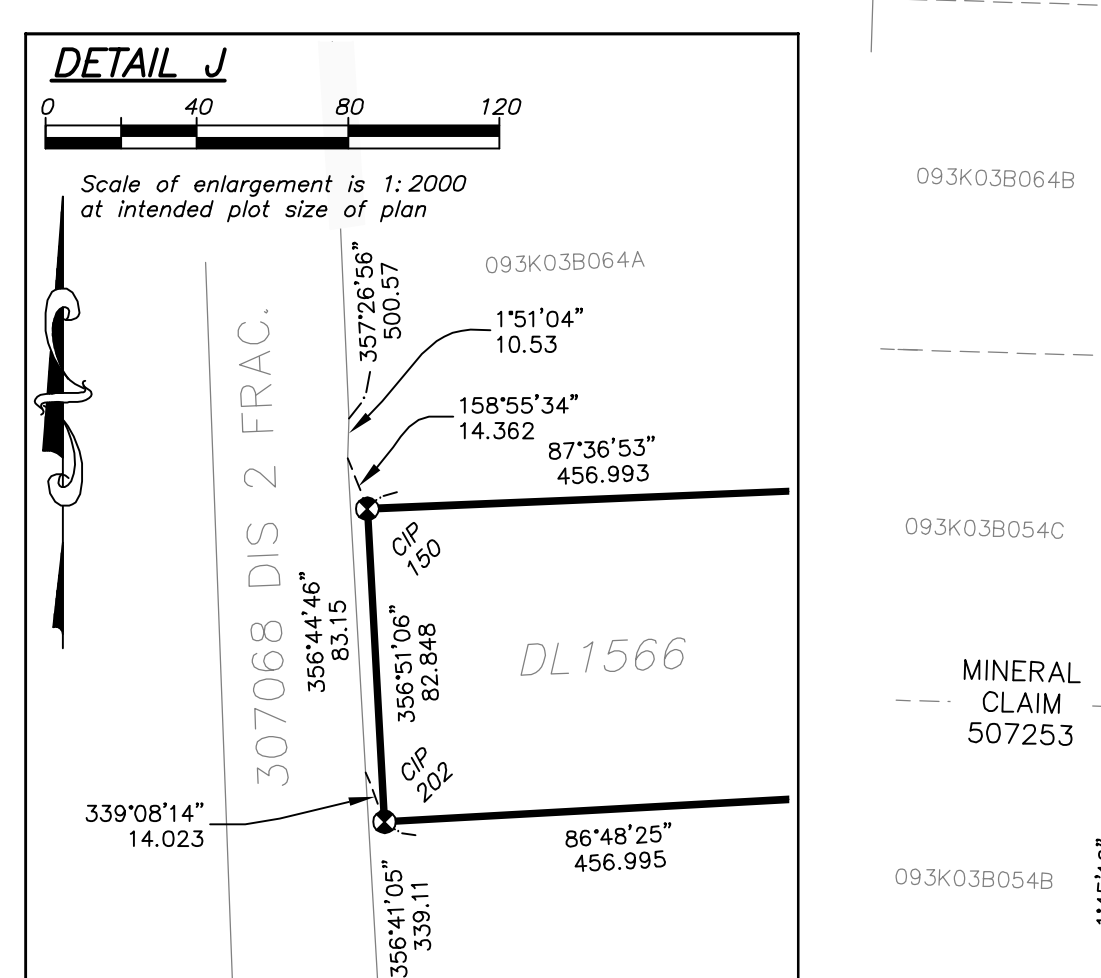
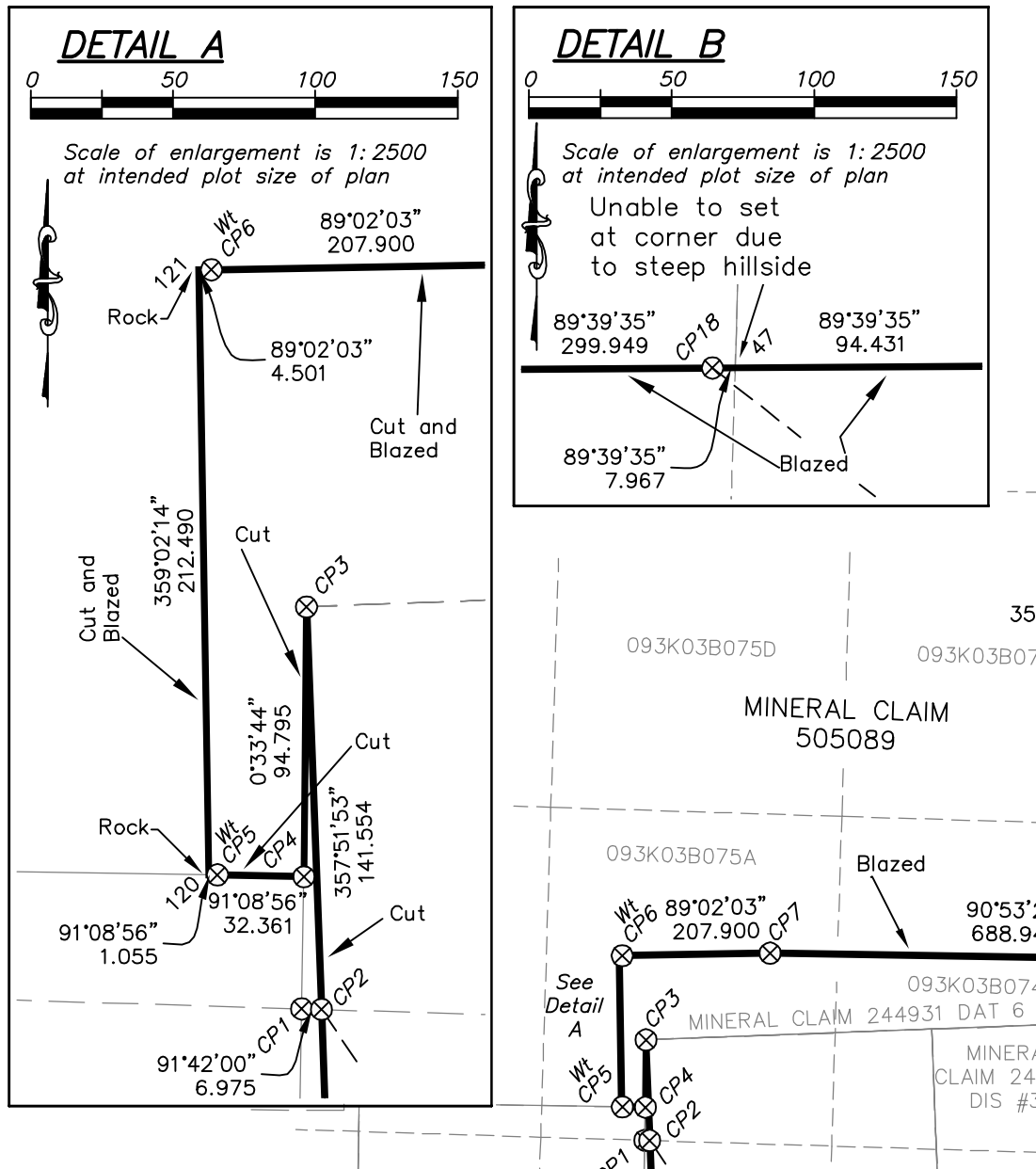
Focus Corporation : Project File , 010043062

Endako Mines : Project File , 610449

Purchase order	Date	Invoice	Voucher	Fees
PO012263	5/09/13	406145	POI051190	\$7,910.20
PO012263	7/11/13	409576	POI055698	\$28,146.45
PO012263	8/15/13	411139	POI058057	\$32,033.56
PO012263	9/19/13	412498	POI060414	\$22,335.40
PO012263	2/06/14	421332	POI069465	\$9,184.39
PO012263	2/06/14	421333	POI069463	<u>\$27,764.21</u>
				\$127,374.21

Map 1

Lease Survey

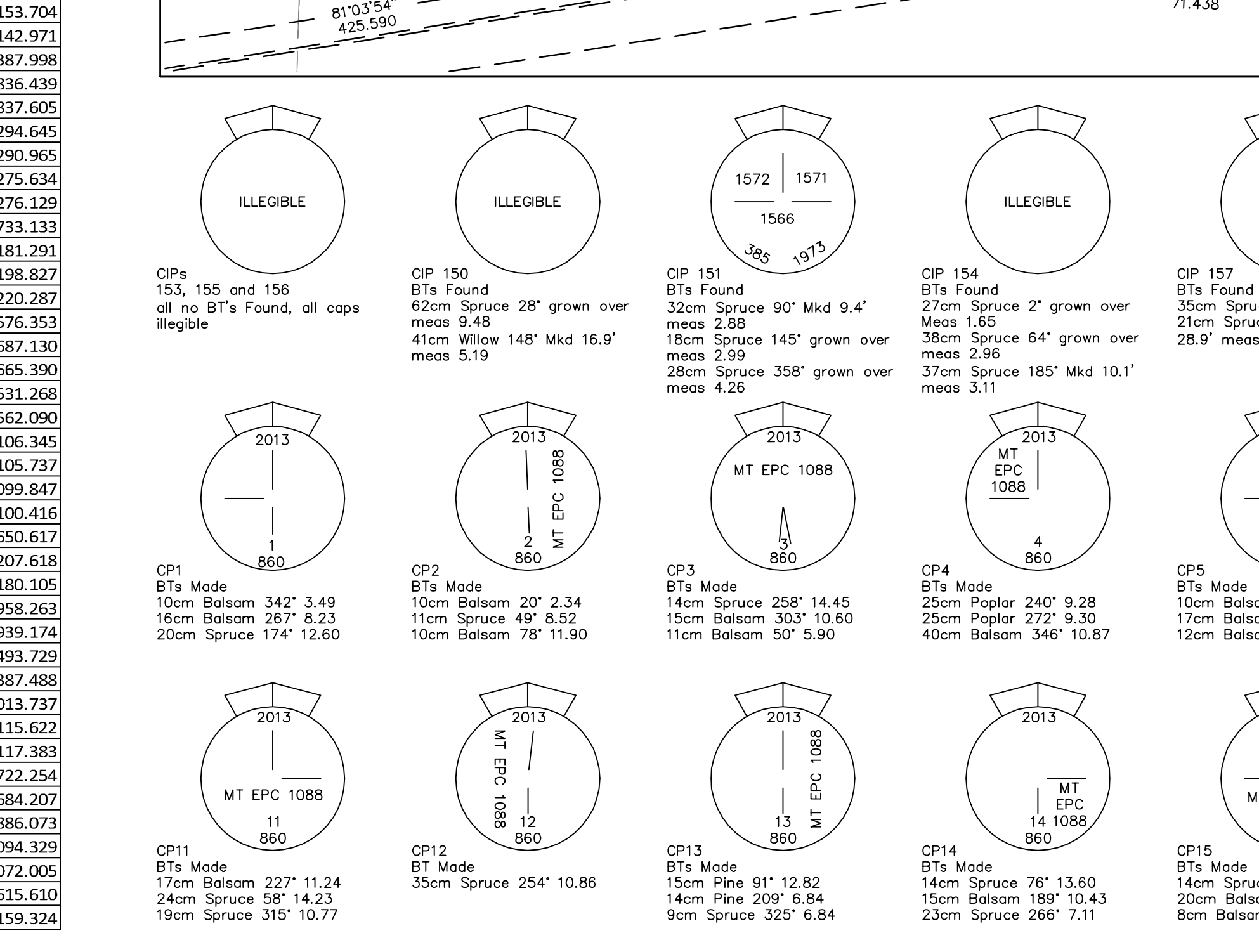
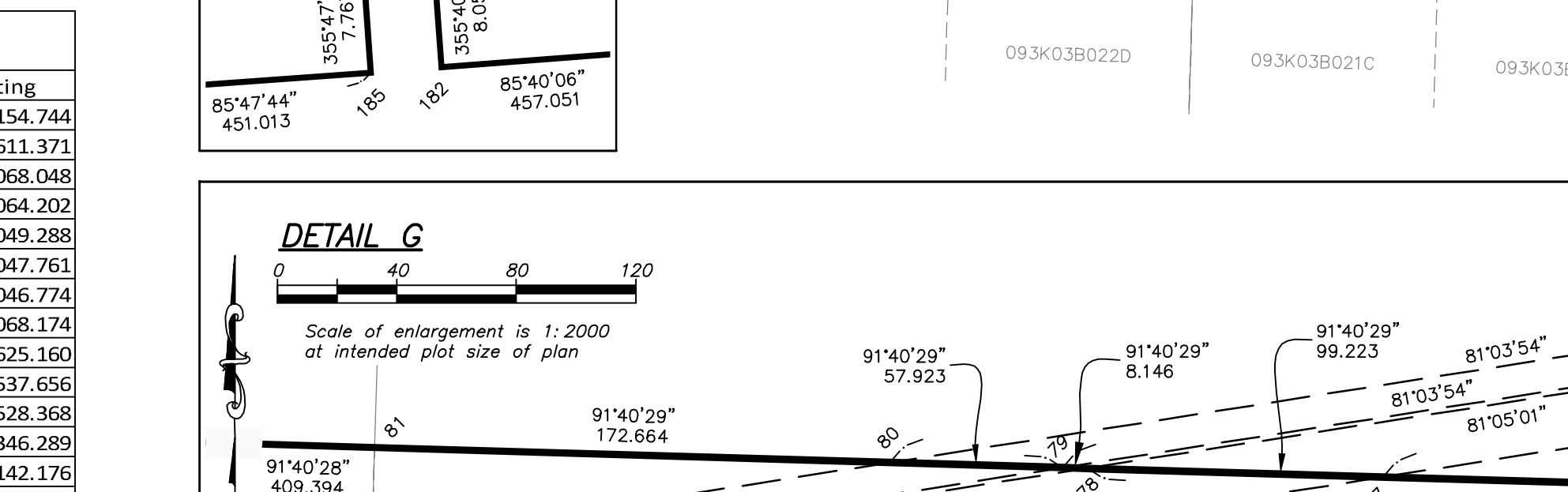
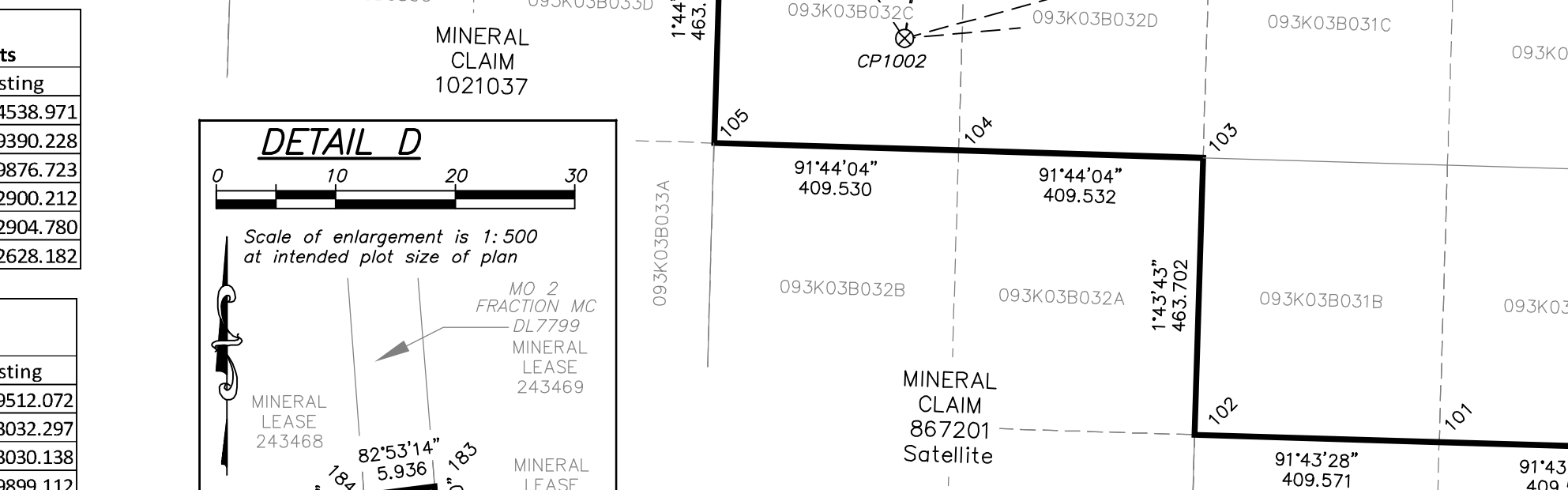
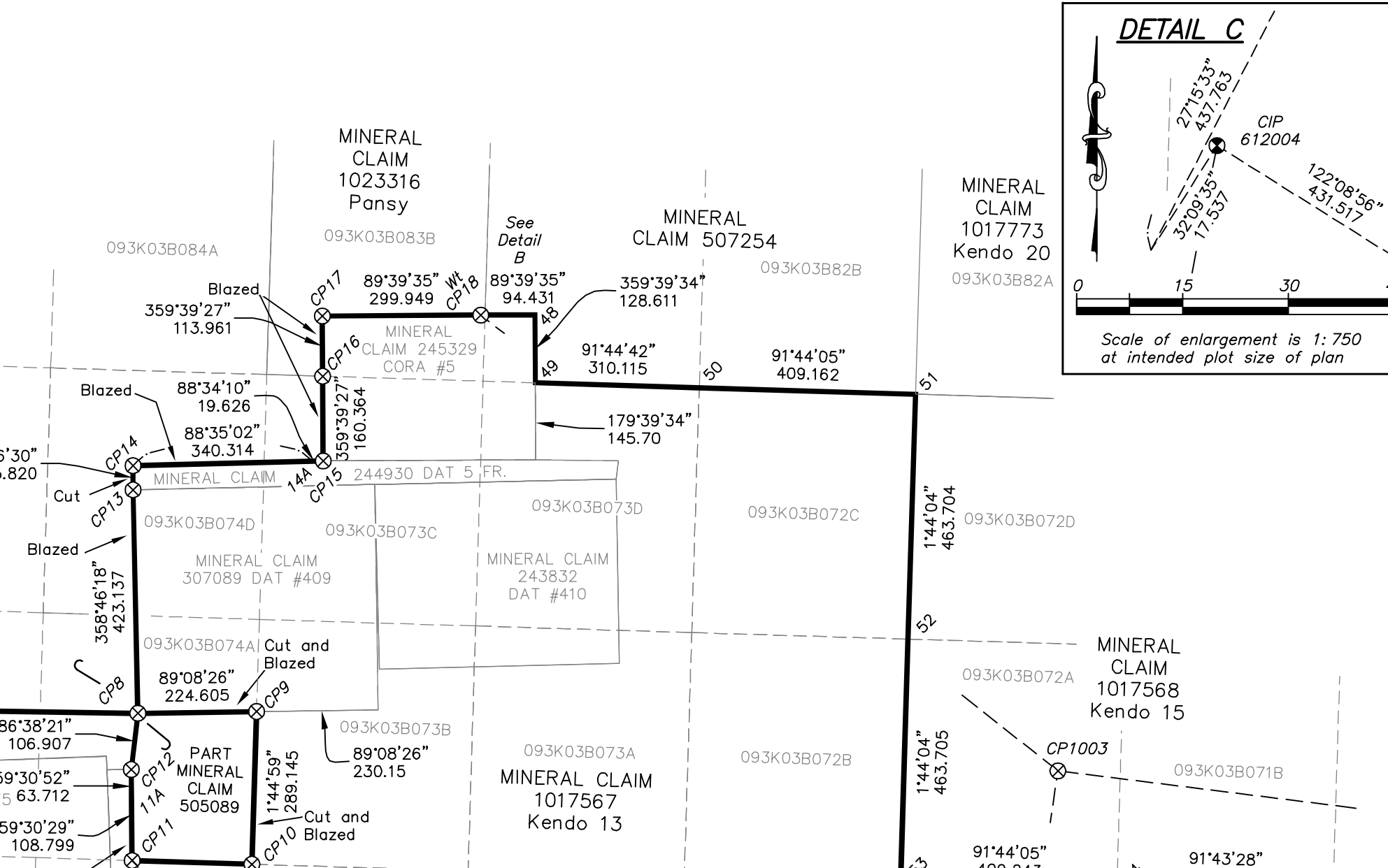


UTM Coordinate Table External Boundaries. Table with columns: Corner, Northing, Easting. Lists coordinates for various corners from CP1 to CP15.

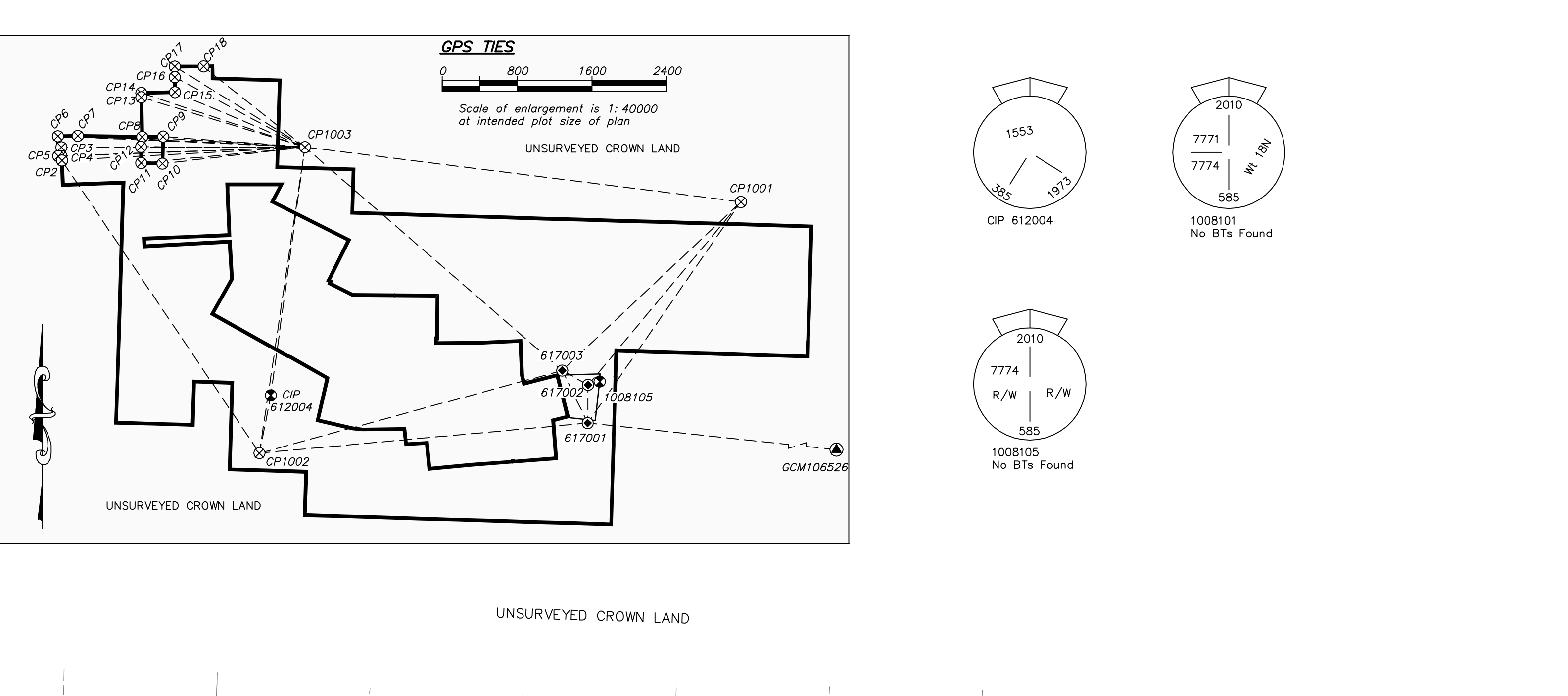
UTM Coordinate Table Primary Control Monuments. Table with columns: Corner, Northing, Easting. Lists coordinates for primary control monuments from CP1001 to CP17003.

UTM Coordinate Table External Boundaries. Table with columns: Corner, Northing, Easting. Lists coordinates for external boundaries from CIP150 to CIP1515.

UTM Coordinate Table External Boundaries. Table with columns: Corner, Northing, Easting. Lists coordinates for external boundaries from CIP1516 to CIP15115.



GPS Ties to Capped Posts and GPS Control. Table with columns: Course, Bearing, Distance. Lists GPS tie data for various courses from CP1001 to CP17003.



SURVEY PLAN OF MINERAL CLAIMS 243774, 243775, 243832, 244930, 244931, 245329, 307068, 307089, 507168, 507169, 507170, 507227, 507230, 507232, 507252, 532729, 1017548, 1017550, 1017552, 1017555, 1017561, 1017563, 1017566 AND 1017567 ALL IN RANGE 5 COAST DISTRICT. BCGS 93K.005

The intended plot size of this plan is 1120mm in width by 864mm in height (E size) when plotted at a scale of 1:10000. This plan shows one or more true posts which are not set on the true corner(s). Bearings to bearing trees are magnetic. Bearings are NAD83 (CSRS) UTM Grid and are derived from differential carrier phase GPS observations and are referred to the central meridian of UTM Zone 10 North. To obtain local astronomic bearings referred to the meridian through 617001, subtract 1.411°.

The UTM coordinates and estimated network horizontal accuracy are derived from GPS Dual Frequency Baseline Ties to Prince George Active Control Point (GCM106256). This plan shows UTM grid distances. To compute ground distances based on a mean ellipsoid elevation of 634.804 meters above the UTM grid distances by the mean combined scale factor of 0.9996894327. Legacy Claim coordinates were obtained from the Ministry of Energy and Mines and are NAD83(CSRS) UTM Zone 10 North.

Boundaries cut out end/or blazed marked accordingly on the plan. The original survey monuments at corners 152 and 158 through 200 were destroyed by either mining activity or logging and clearing activity. Ground searches were carried out at corners 158, 159, 161, 169, 177, 178, 179, 188 and 199. For all other destroyed corners it was clear referring to the ortho imagery of the area, that original monumentation could not have survived. There are several cancelled District Lots which were surveyed and monumented in the 1960s and 1970s in the area of Mineral Claims 507232, 507168 and 507227. Ground searches were carried out for the monuments established by the surveys of these cancelled District Lots. It was found they had been destroyed by mining disturbance activity or logging and clearing activity.

Corners 158 through 200 were re-established with the following methodology: 1. Corner 177 was found by W.D. McIntosh, BOLS in 2010 and shown on his Plan BCP45012. Corner 177 was re-established using raw field measurements from that survey.

2. A composite plan of the original surveys, adjacent mineral leases and cancelled District Lots 1553 and 1554, was compiled using coordinate accuracy. These surveys were originally surveyed in the 1960s and 1970s. The location lines shown on these surveys were used as the common boundary between plans for orientation. The coordinate coordinates were compared to coordinates obtained from field measurements for the monuments found by the field survey. Based on an analysis of the differences, corners 151, 153, 177, 201, 202, CIP12004 and CIP100168 field coordinates were held firm in a least squares adjustment of the compiled coordinates.

3. Coordinates for corners 150 and 154 through 157 were amended to reflect actual field measurements.

- Legend: denotes control monument found, denotes standard capped post found, denotes standard iron post found, denotes aluminum post found, denotes steel H-Pile Pillar (25cm beam set approximately 6 metres in the ground with 1.4m above ground with steel plate and 1/2" bolt on top), denotes standard capped post placed, denotes traverse bar placed, CIP denotes old standard capped post found, CP denotes capped post, WT denotes witness monument, BT denotes bearing tree, Mkd denotes marked, Meas denotes measured, ha denotes hectare, UTM denotes Universal Transverse Mercator, NF denotes nothing found, Approx denotes approximate, Bdy denotes boundary, 093K03A0596A denotes cell designation.



BOOK OF REFERENCE CLAIM AREAS. Table with columns: MINERAL CLAIM, AREA (ha). Lists areas for various mineral claims from 243774 to 1017567.

The Association of BC Land Surveyors has granted relief from full compliance with GSI Rule 3-4(1)(g) as it relates to showing bearings and distances of certain boundaries of legacy claims on this plan.

This plan lies within the Regional Division of Bulkley-Nechako.

The field survey represented by this plan was completed on the 23rd day of September, 2013, by Tyler Mikkelsen, B.C.L.S. (B60).