BC Geological Survey
Assessment Report
28890

1. Prospecting Report on the Blunt Mountain Project

Omineca Mining District
NTS 093M03 and 093M06
Latitude 55°14'45" North
Longitude 127°14'30" West
UTM NAD 83 Zone 9: 611,787 mW, 6,123,342 mN

For:

Remington Resources Inc.
520 – 700 W. Pender St.
Vancouver, BC
V6C 2T8

By:

Mark Nelson, B.Sc.

November 2006

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3. Summary

The Blunt Mountain property, located 21 km east of New Hazelton, BC, is owned by United Exploration Management. Remington Resources Inc. has an option to acquire the property. The deposit is a polymetallic, Pb +/- Cu +/- Mo +/- Zn +/- Au +/- Ag, vein system that might be related to a porphyry system in the area.

A program of prospecting sample collection and petrographic work was carried out in 2006. The purpose of the program was to verify earlier work done by Atna and Noranda. In addition the old drill core was located.

Results indicate that the galena vein, known as the Mound Vein, contains a significant quantity of Au and Ag along with Pb, Cu and Zn. Results from analyses of samples collected over the four traverses indicates that precious metals have ranges from 10 ppb to 1,500 ppb Au and from 0.05 ppm to 5,410 ppm Ag.

4. Introduction

The main objective of the 2006 Program was to collect rock samples from showings in the central portion of the property for geochemical analysis. Additionally the geochemical analyses are being used to verify existing exploration data.

5. Reliance on Other Experts

Thin section analysis and microscopy was performed by Vancouver GeoTech Labs, #38A – 1640 S.E. Kent Ave., Vancouver, B.C., V5P 2S7. The qualified person in charge of the analysis was J.T. Shearer, M.Sc., P.Geo.

Richard Simpson, prospector, accompanied the 2006 field visit.

6. Location, Access and Physiography

Blunt Mountain is located approximately 21 km east of New Hazelton, BC and 52 km north of Smithers, BC (Fig. 1). The project is located on a north-western extension of the main Blunt Mountain peak.

Figure 1. Location Map

Vehicle access is by a logging road leading from Highway 16 to logging clear-cuts in the Suskwa Valley and then to the edge of the property (Fig. 1). The logging road network terminates below the tree line and does not extend south onto the property. Helicopter access from clear-cuts north of the property is the most efficient method of moving people and equipment onto the property. Highland Helicopters (250-847-3859) operate out of Smithers, BC.

The topography of the project area is mountainous, characterized by steep terrain with young creeks and peaks that are capped with snow year-round. Much of the property is above the tree line. There are a couple of excellent campsites with helicopter landing

areas in the centre of the property. However, they are above the termination of the forest roads.

7. Property Status

The Blunt Mountain Project consists of three contiguous claims located in the Omineca Mining District in central British Columbia - NTS 093M/03 & 093M/06. All three claims are owned by United Exploration Management Inc., which manages them for a prospecting syndicate. The claims were acquired on the British Columbia Mineral Titles Online staking system. Claim information appears on Figure 2 and in Table 1.

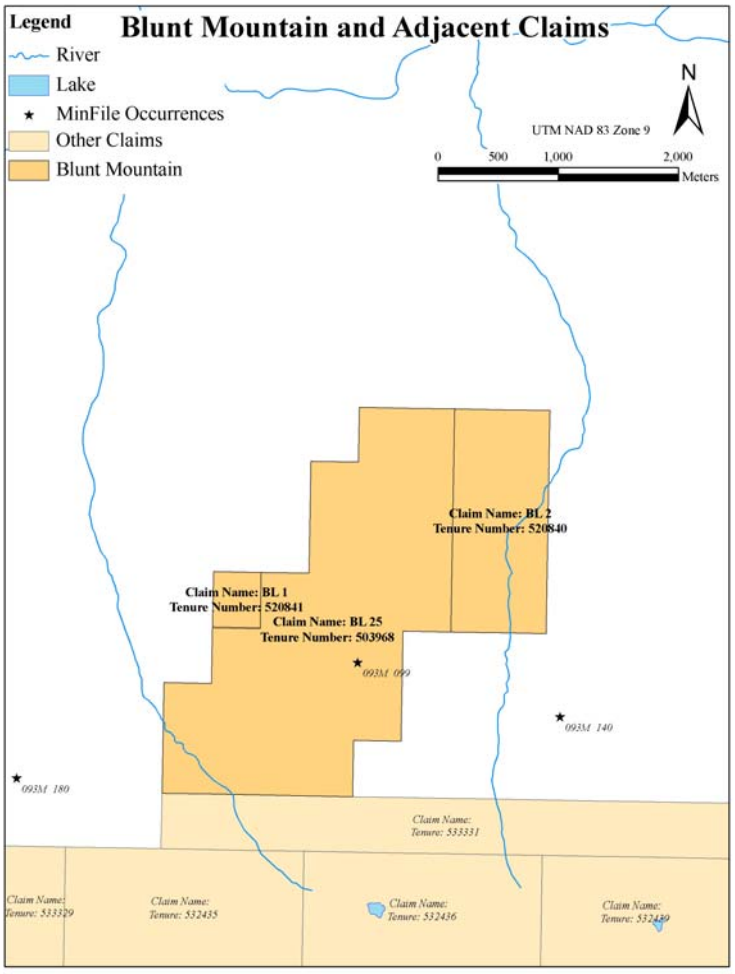


Figure 2. Claim Map

Table 1. Claim Information

Tenure #	Claim Name	Expiry Date	Status	Hectares
503968	BL 25	06 Oct 2009	Active	460.931
520840	BL 2	06 Oct 2009	Active	147.494
520841	BL 1	06 Oct 2009	Active	18.434

8. History

As outlined by Nicholson (2006) the Blunt Mountain area has had sporadic exploration since 1984 when a government funded geochemical survey indicated anomalous silver, lead, arsenic and antimony values the general area around Skilokis Creek. The area was staked by Atna and Noranda who located mineralization in a tributary of Skilokis Creek and in a northwest cirque (North Cirque). Atna and Noranda signed a 50-50 joint venture agreement later that year.

In 1986 and 1987 a large program of prospecting, surficial geochemistry, geological mapping, geophysics surveys, hand trenching and six diamond drill holes (totalling 378 m) was completed. Six significant showings were located along a 3 km structural trend.

In 1990 a further 9 rock geochemical samples were collected for analysis.

9. Geology

The Blunt Mountain property lies within the Intermontaine Belt of British Columbia. Undivided sedimentary rocks of the Bowser Lake Group, Middle Jurassic to Late Cretaceous, underlie the property (Fig. 3). The Late Cretaceous Bulkley Intrusive has intruded this group. A brief summary of the two groups is given below, taken from MacIntyre et al. (1994):

Undivided Bowser Lake Group (uJKB) - interbedded epiclastic feldspathic and volcanic conglomerate, sandstone, siltstone, shale and argillite; minor coal and carbonaceous units (MacIntyre et al., 1994).

Bulkley Intrusions (LKB) - biotite-hornblende granodiorite (LKBgd) to quartz diorite (LKBg), diorite (LKBd), quartz monzonite (LKBqm), rhyolite and quartz-feldspar porphyry (LKBr), feldspar porphyry, biotite-hornblende-feldspar porphyry, biotite-feldspar porphyry, hornblende feldspar porphyry (LKBp); minor andesite, felsite, aplite, alaskite and intrusive breccia; stocks, plugs, sills and dykes; 64 to 84 Ma (MacIntyre et al., 1994).

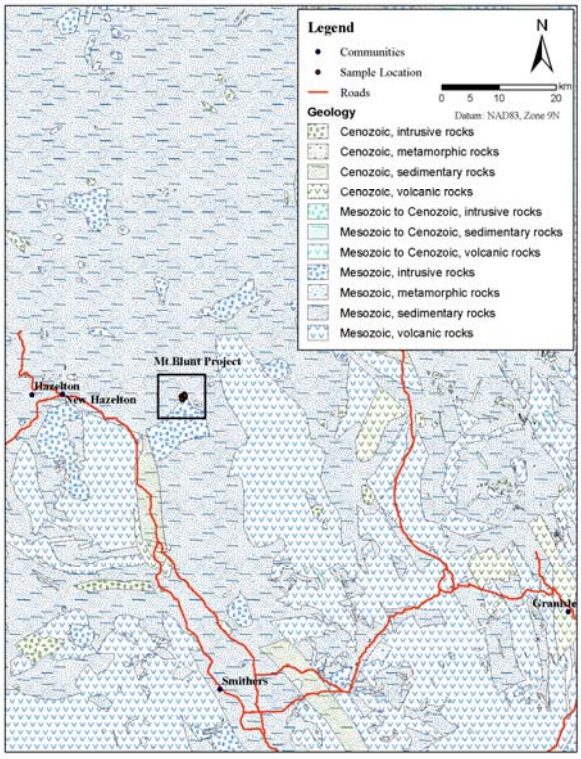


Figure 3. Regional Geology Map

Samples collected for this report were all taken from igneous host rocks, even though the regional geology map (Fig. 3) indicates that the sampled unit was the Bowser Lake Group. The primary unit sampled was a quartz monzonite to granodiorite of the Bulkley Intrusions, however some basaltic samples were collected along Traverses 4 and 5 (Fig. 4). This basaltic unit could represent a Late Cretaceous gabbro (LKgbd; MacIntyre et al., 1994). In the field the more felsic units were labelled quartz diorite, petrographic analysis of MN-03E confirms that the felsic rocks are part of the Bulkley Intrusives.

Mineralization in the region is mostly commonly copper-molybdenum porphyries or silver-gold-lead-zinc veins related to the Bulkley intrusives or Tertiary Babine intrusives.

10. Blunt Mountain Project Mineralized Showings

The MINFILE report (093M 026) reports a porphyry Cu +/- Mo +/- Au deposit. Showings are hosted within the Bulkley Intrusions with a pyrite halo within the Bowser Group. Mineralization occurs in a northeast-trending zone the might extend to the Mount Seaton occurrence (093M 025).

During the 2006 property visit one of the original showings was located at 611,454 mW, 6,123,263 mN (NAD 83, Zone 09). The showing is a 2-3 m sloughed in trench containing an approximately 0.4 m wide vein of massive galena.

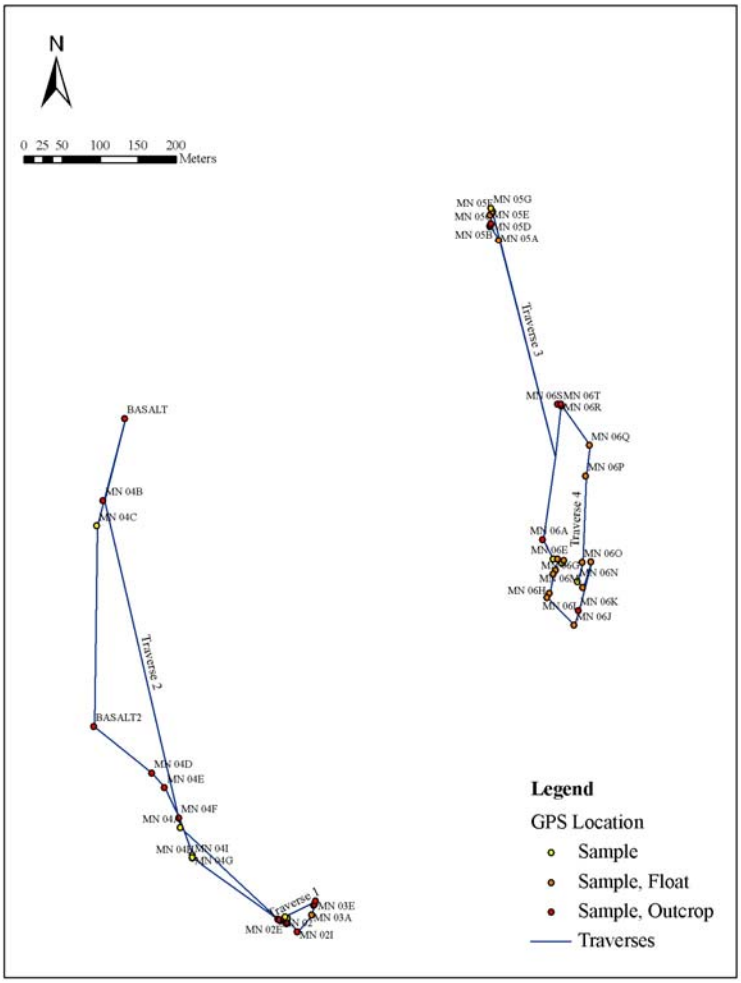


Figure 4. Traverse Overview Map

11. Sample Method and Approach

Samples were collected for geochemical analysis from most areas that appeared to have mineralization or undergone metasomatism. When the area in question was over a metre in width samples were collected in metre intervals starting and ending in apparently barren host rock. All sample locations were recorded using a GPS and are shown in Figure 4. The program tried to collect samples at the top and bottom of the western ridge (traverses 1-3) and then from select locations within the cirque.

12. Sample Preparation, Analysis and Security

12.1 Petrography

Petrographic work, performed by Vancouver GeoTech Labs, is summarized below:

MN-03B
Field name: Quartz diorite
Thin section name: Orthoclase altered, hornblende quartz monzonite
Orthoclase (secondary) 34%, Plagioclase 16%, Quartz 10%, Tourmaline 10%, Hornblende 8%, Calcite 6%, Muscovite-Sericite 4%, Pyrite 2%

MN-03E
Field name: Quartz diorite
Thin section name: Highly orthoclase altered chloritized hornblende quartz monzonite
Orthoclase 21%, Quartz 16%, Muscovite-Sericite 16%, Calcite 14%, Pyrite 8%, Hornblende 7%, Chlorite 6%, Tourmaline 4%, Plagioclase 3%, Vugs 2%, Garnet trace

MN-05E
Field name: Basalt
Thin section name: Fine grained hornblende andesitic tuff
Plagioclase 30%, Hornblende 30%, Quartz 15%, Pyrite 4%, Hematite 2%

MN-06D
Field name: Pyroxenite
Thin section name: Tourmalinite (Tourmaline rock)
Tourmaline 78%, Vugs 17%, Iron oxides (hematite) 5%

MN-06R
Field name: Basalt
Thin section name: Quartz vein with abundant arsenopyrite
Quartz 69%, Arsenopyrite 21%, Cavities 5%, Pyrite 3%, Hematite 2%

MN-06U
Field name: Galena vein
Thin section name: Fractured galena with minor pyrite
Galena 78%, Pyrite 12%, Tetrahedrite 3%, Chlorite 3%, Calcite 2%, Hematite 2%, Quartz 1%

12.2 Geochemical Assays

ALS Chemex, Vancouver, was responsible for analysing the samples. A standard exploration suite was analysed for using their ME-MS41 method (aqua regia digestion followed by ICP-MS and ICP-AES), additionally gold and silver were analyzed for by fire assay and gravimetric finish (GRA21) and samples with high zinc and lead underwent digestion by aqua regia and analysis by ICP-AES or AAS (AA46). Figure 5 shows four regions that have elevated or anomalous results compared to the rest of the sample suite.

The galena vein and the area to the east of the pond (traverse 4, suite MN-06) appear to have anomalous quantities of Mo and Pb (Fig. 6) and one highly anomalous value of 5,410 ppm Ag. The best results were from the tourmalinite float samples collected at the base of the talus slope on traverse 4. The host vein for the tourmalinite was not located up slope.

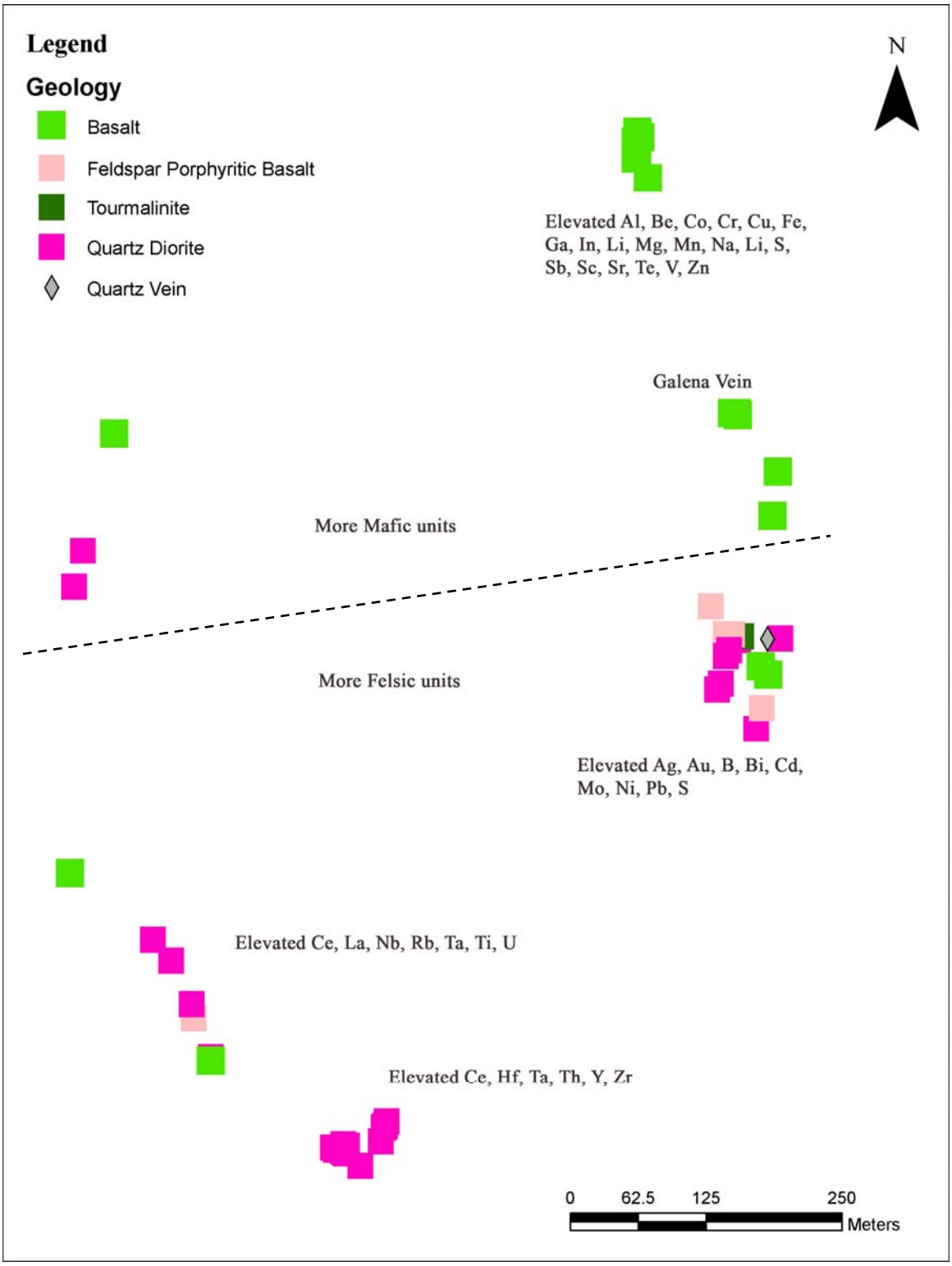


Figure 5. Geology of samples collected; anomalous geochemistry is given.

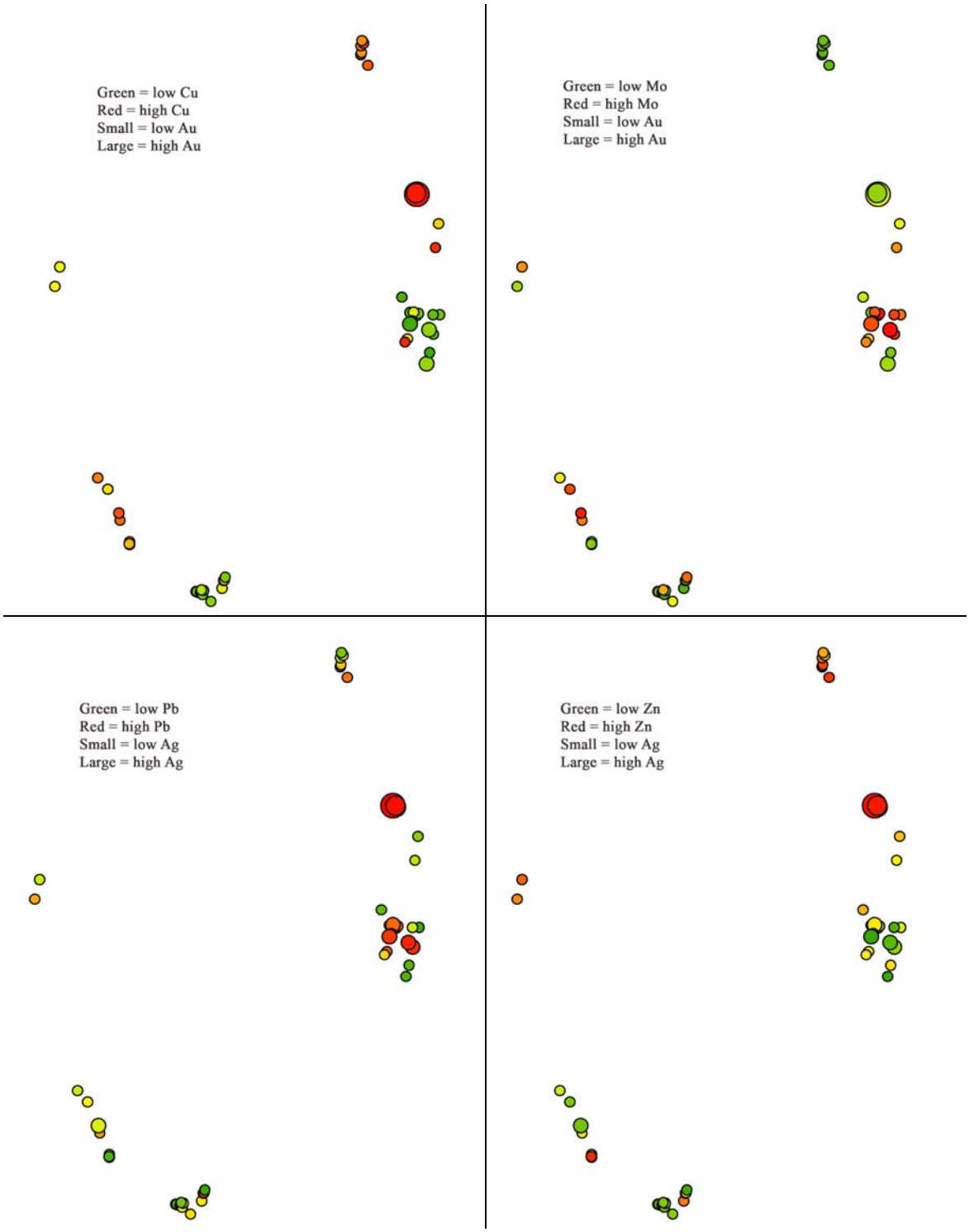


Figure 6. Sketches of geochemical assay results for selected elements.

13. Adjacent Properties

Immediately to the south of the Blunt Mountain claims is an unnamed claim held by Bronx Ventures Inc – Tenure# 533331 – that expires 02 May 2007.

14. Interpretation and Conclusions

The best target found was the polymetallic galena vein, however the vein does have limited exposure. The basaltic units to the north of the galena vein do have some moderate Cu and Zn values and sampling should be extended north.

15. Recommendations

Only one confirmed showing out of the several reported in the past (DeLancey, 1994) have been investigated thoroughly. A more detailed approach to sampling of the area should be undertaken in order to produce a gridded geochemical anomaly map for the claims. Sampling at more regular intervals throughout the cirque is recommended. Further work including the location and mapping of the other showings and mapping the extent of the galena veins is recommended.

16. References

DeLancey, P.R. (1994): Geological and Geochemical (Rock) Report on the Blunt Mountain Mineral Property; *Atna Resources Ltd*.

MacIntyre, D.G., Ash, C.H. and Britton, J.M (1994): Geological Compilation, Skeena-Nass Area, West Central British Columbia (NTS 93 E, L, M; 94D; 103 G, H, I, J, O, P; 104 A, B); *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 1994-14.

Nicholson, G.E. (2006): Summary Geology Report on the Blunt Mountain Mineral Property; *Remington Resources Inc*.

17. Affidavit of Expenses

REMINGTON RESOURCES - BLUNT MOUNTAIN PROJECT
STATEMENT OF EXPENDITURES
Prospecting, Rock Sampling
Fall 2006

PERSONNEL			
NAME	**$/DAY**	**# Days**	**Total + Holiday Pay**
M. Nelson	$325	9	2,925
G. Nicholson	$425	2	850
R. Simpson	$325	6	2,028
Total Wages			**$5,803.00**
EQUIPMENT RENTAL			
4x4 Truck	$90	10	900
Radios, Satellite Phone			1,000
Office, Overhead, Management			1,000
Total Equipment			**$2,900.00**
EXPENSES - AIRCRAFT			
Highland Helicopters			3372.56
Total Expenses - Aircraft			**$3,372.56**
EXPENSES			
Field Equipment			16.94
Fuels (gasoline, diesel, jet fuel)			683.34
Hotel			670.46
Meals			416.11
Office Supplies			38.81
Total Expenses			**$1,825.66**
CONTRACT SERVICES			
ALS Chemex Labs			
102 Assays, 51 Samples			2388.42
Total Contract Services			**$2,388.42**
TOTAL EXPENDITURES			**$13,389.64**

Notes:

Amounts include GST

18. Statement of Qualifications

18.1 Certificate of Mark Nelson, B.Sc.

I, MARK NELSON, of 1005 – 813 Agnes Street, New Westminster, British Columbia hereby certify that:

1. I am a graduate of McGill University with a degree in Geology (B.SC., 2000) and am enrolled in a Masters degree program at Queen's University, Kingston, Ontario;

2. I have worked as a Geologist intermittently since graduation;

3. There are no material facts or material changes in the subject matter of this report that would mislead the reader;

4. I have reviewed and prepared this report from existing public files and from my own knowledge of working on the property;

5. I hereby grant permission for Remington Resources Inc. to use this report for any corporate use normal to their business.

DATED at Vancouver, British Columbia this Thursday, February 8, 2007

Signed

"Mark Nelson"

Appendix 1.

Rock Sample Descriptions

Sample Number, Sample Name, Easting (m), Northing (m), Elevation (m), Description

MN 01, Quartz Diorite, 611087, 6122586, 1835, quartz + 2 feldspars + magnetite + greenish pyroxene; trace light brown/yellow weathering/oxidation; moderately magnetic

MN 02A, Quartz Diorite, 611090, 6122584, 1832, light brown/yellow oxidation, strong dark brown/purple oxidation along some fracture planes; weathered-out sub-cubic voids; moderate-strongly magnetic

MN 02B, Quartz Diorite, 611089, 6122585, 1833, fresher surfaces indicate quartz + feldspar + pyroxene; pervasive light brown/yellow oxidation; void spaces with euhedral quartz 1-3 mm long; moderate-strongly magnetic

MN 02C, Quartz Diorite, 611094, 6122585, 1836, fresher surfaces indicate quartz + feldspar + pyroxene; pervasive light brown/yellow oxidation; moderate-strongly magnetic

MN 02D, Quartz Diorite, 611096, 6122583, 1835, fresher surfaces indicate quartz + feldspar + pyroxene; pervasive light brown/yellow oxidation; moderate-strongly magnetic

MN 02E, Quartz Diorite, 611097, 6122583, 1834, fresher surfaces indicate quartz + feldspar + pyroxene +magnetite; strong light yellow/brown oxidation preferentially along fracture planes; moderate-strongly magnetic; void-filling sulphides possibly pyrite or arsenopyrite

MN 02F, Quartz Diorite, 611098, 6122581, 1835, quartz + feldspar + pyroxene + magnetite; strong oxidation, medium brown, controlled by fractures; weak-moderately magnetic

MN 02G, Quartz Diorite, 611100, 6122588, 1834, fresher surfaces indicate quartz + feldspar + pyroxene; strong oxidation, light brown/yellow with dark brown/purple along select fractures; weak-moderately magnetic

MN 02H, Quartz Diorite, 611096, 6122589, 1831, no fresh surfaces; highly fractured; pervasive oxidation, medium brown/yellow, with dark brown along select fractures; moderately magnetic

MN 02I, Quartz Diorite, 611112, 6122569, 1835, fresh surfaces indicate quartz + feldspar + pyroxene + biotite + magnetite; weak oxidation, light brown/yellow, with dark brown/purple along select fractures; moderately magnetic

MN 03A, Quartz Diorite, 611131, 6122592, 1824, fresh surfaces indicate quartz + feldspar + pyroxene + biotite + magnetite; weak oxidation, light brown/yellow; moderately magnetic; fracture-controlled sulphide veins of pyrite? arsenopyrite?

MN 03B, Quartz Diorite, 611133, 6122605, 1817, quartz + feldspars + pyroxene + biotite + magnetite; weak oxidation, light brown/yellow; moderately magnetic; magnetite band

1-2mm wide running through sample; weak fracture-controlled and disseminated sulphides pyrite? arsenopyrite? with copper oxide weathering chalcopyrite?

MN 03C, Quartz Diorite, 611133, 6122605, 1817, pervasive oxidation, medium brown/yellow, with dark brown/purple along select fractures; strongly magnetic; void-filling sulphides chalcopyrite? pyrite?

MN 03D, Quartz Diorite, 611135, 6122606, 1817, quartz + feldspar + pyroxene + magnetite; strong oxidation, medium brown/yellow, controlled by fractures; moderate-strongly magnetic; fracture-controlled and weak disseminated sulphides pyrite? chalcopyrite? arsenopyrite?

MN 03E, Quartz Diorite, 611136, 6122610, 1816, quartz + feldspar + pyroxene + magnetite; strong oxidation, medium brown/yellow along fractures, dark brown/purple along select fractures; mod magnetic; mm-scale magnetite bands; voids, dissolution features, fractures and disseminated sulphides pyrite? arsenopyrite? chalcopyrite?

MN 04A, Feldspar Porphyritic Basalt, 610959, 6122706, 1838, more mafic than quartz diorite; large feldspar crystals; pervasive alteration, light brown/yellow

MN 04B, Quartz Diorite, 610857, 6123136, 1854, quartz + feldspar + 15% pyroxene; weak alteration, light brown/yellow, on weathered surfaces, dark brown on select fractures

MN 04C, Quartz Diorite, 610849, 6123103, 1851, quartz + feldspar + 20% pyroxene; weak alteration, light brown/yellow weathered surfaces, dark brown on select fractures

MN 04D, Quartz Diorite, 610921, 6122778, 1844, quartz + feldspar + pyroxene; pervasive alteration; medium brown/yellow

MN 04E, Quartz Diorite, 610938, 6122759, 1847, quartz + feldspar + pyroxene; pervasive alteration; medium brown/yellow

MN 04F, Quartz Diorite, 610957, 6122719, 1843, quartz + feldspar + biotite + pyroxene; weak alteration; light brown/yellow; rare vuggs

MN 04G, Quartz Diorite, 610974, 6122670, 1835, quartz + feldspar + pyroxene; pervasive alteration; medium brown/yellow

MN 04H, Quartz Diorite, 610974, 6122666, 1834, quartz + feldspar + 20% pyroxene; weak alteration, light brown/yellow weathered surfaces, dark brown/purple on select fractures; rare vuggs; weak disseminated sulphides pyrite? arsenopyrite? chalcopyrite?

MN 04I, Basalt, 610974, 6122667, 1834, aphanitic; dark grey; weak alteration, light brown/yellow along fractures, dark brown/purple along select fractures; non-magnetic

MN 05A, Basalt, 611377, 6123480, 1535, aphanitic; strong alteration, medium brown/yellow along fractures, dark brown/purple along select fractures; fracture-controlled sulphides pyrite? arsenopyrite? chalcopyrite?

MN 05B, Basalt, 611365, 6123498, 1538, aphanitic; strong alteration, medium brown/yellow along fractures, dark brown/purple along select fractures; fracture-controlled sulphides pyrite? arsenopyrite? chalcopyrite?

MN 05C, Basalt, 611365, 6123499, 1537, aphanitic; strong alteration, medium brown/yellow along fractures, dark brown/purple along select fractures; fracture-controlled sulphides pyrite? arsenopyrite? chalcopyrite?

MN 05D, Basalt, 611367, 6123502, 1539, aphanitic; strong alteration, medium brown/yellow along fractures, dark brown/purple along select fractures; trace disseminated sulphides pyrite? arsenopyrite? chalcopyrite?

MN 05E, Basalt, 611365, 6123513, 1533, aphanitic; strong alteration, medium brown/yellow along fractures, dark brown/purple along select fractures; fracture-controlled sulphides pyrite? arsenopyrite? chalcopyrite?

MN 05F, Basalt, 611369 6123518, 1531, aphanitic; strong alteration, medium brown/yellow along fractures, dark brown/purple along select fractures; fracture-controlled sulphides pyrite? arsenopyrite? chalcopyrite?

MN 05G, Basalt, 611367, 6123523, 1533, aphanitic; strong alteration, medium brown/yellow along fractures, dark brown/purple along select fractures; fracture-controlled sulphides pyrite? arsenopyrite? chalcopyrite?

MN 06A, Feldspar Porphyritic Basalt, 611434, 6123085, 1558, feldspar porphyries in aphanitic, mafic matrix; weak alteration, light brown on weathered surfaces, dark brown on selected fractures; weak disseminated sulphides arsenopyrite? pyrite? gal? sphalerite?

MN 06B, Feldspar Porphyritic Basalt, 611448, 6123060, 1561, feldspar porphyries in aphanitic, mafic matrix; weak alteration, light brown on weathered surfaces, dark brown on selected fractures; trace blebs sulphides arsenopyrite? pyrite?

MN 06C, Quartz Diorite, 611460, 6123054, 1561, quartz + feldspar + pyroxene; strong alteration, light-medium brown/yellow along fractures, dark brown/purple along selected fractures; disseminated sulphides arsenopyrite? pyrite?

MN 06D, Pyroxenite, 611462, 6123057, 1563, black, coarse-grained, acicular, radiating crystals of pyroxene? variable alteration focused along fracture planes, light-medium yellow/brown; no obvious sulphides; non magnetic

MN 06E, Feldspar Porphyritic Basalt, 611454, 6123060, 1565, feldspar +/- quartz porphyries in aphanitic, mafic matrix; moderate alteration, medium yellow/brown along fracture planes; disseminated sulphides pyrite? arsenopyrite?

MN 06F, Quartz Diorite, 611451, 6123045, 1565, strong, pervasive alteration, medium-dark brown/purple oxidation especially along fractures; dark band mm-scale (not magnetite); sulphides occur throughout pyrite? arsenopyrite?

MN 06G, Quartz Diorite, 611448, 6123040, 1571, strong, pervasive alteration, medium-dark brown/purple oxidation especially along fractures; dark band mm-scale (not magnetite); mm-scale vuggs; sulphides occur throughout pyrite? arsenopyrite?

MN 06H, Quartz Diorite, 611444, 6123014, 1574, quartz + feldspar + 30% pyroxene; moderate alteration, light brown/yellow, with dark brown along selected fractures; fracture-controlled, disseminated and vugg-filled sulphide pyrite? arsenopyrite?

MN 06I, Quartz Diorite, 611440, 6123009, 1574, quartz + feldspar + 30% pyroxene; moderate alteration, light brown/yellow, with dark brown along selected fractures; fracture-controlled, disseminated and vugg-filled sulphide pyrite? arsenopyrite?

MN 06J, Quartz Diorite, 611476, 6122973, 1600, quartz + feldspar + pyroxene; weak alteration, light yellow/brown; vuggy quartz vein with pyrite

MN 06K ,Feldspar Porphyritic Basalt, 611481, 6122992, 1600, feldspar porphyries in aphanitic, mafic matrix; weak alteration, light yellow/brown; weak disseminated sulphides pyrite? arsenopyrite?

MN 06L ,Quartz Diorite, 611498, 6123056, 1570, quartz + feldspar + 20% pyroxene; moderate alteration, light brown/yellow, dark brown along select fractures; weakly magnetic; fracture-controlled and disseminated sulphides pyrite + arsenopyrite?

MN 06M, Basalt, 611487, 6123022, 1576, aphanitic; veins of quartz + feldspar; weak alteration, light brown/yellow, dark brown along select fractures; non magnetic; vuggy quartz + arsenopyrite

MN 06N, Basalt, 611480, 6123030, 1572, aphanitic; veins of quartz + feldspar; weak alteration, light brown/yellow, dark brown along select fractures; non magnetic; vuggy quartz + arsenopyrite

MN 06O, Quartz Vein, 611487, 6123055, 1561, very vuggy quartz + black mineral (pyroxene?); large open voids, euhedral quartz + 1cm big, rusty areas

MN 06P, Basalt, 611491, 6123169, 1554, aphanitic; weak alteration, light brown/yellow; weak disseminated sulphides arsenopyrite?

MN 06Q, Basalt, 611496, 6123209, 1551, aphanitic; weak alteration, light brown/yellow; disseminated sulphides arsenopyrite?

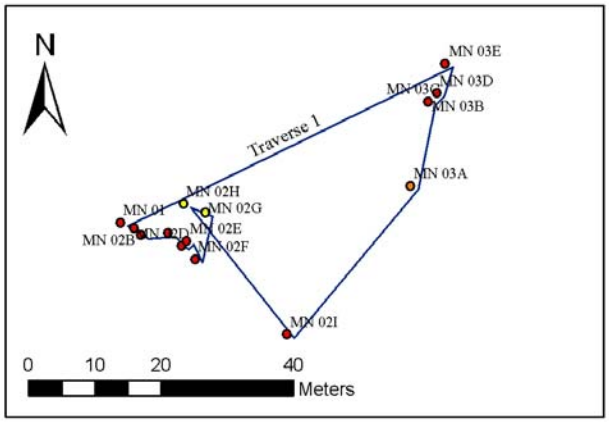
MN 06R, Basalt, 611459, 6123261, 1551, aphanitic; strong, pervasive alteration, dark brown; disseminated sulphides arsenopyrite? galena?

MN 06S, Basalt, 611454, 6123263, 1553, aphanitic; strong, pervasive alteration, dark brown; disseminated sulphides arsenopyrite? galena?

MN 06T, Basalt, 611458, 6123263, 1551, aphanitic; strong, pervasive alteration, dark brown; disseminated sulphides arsenopyrite? galena?

Appendix 2.

Traverse Detailed Maps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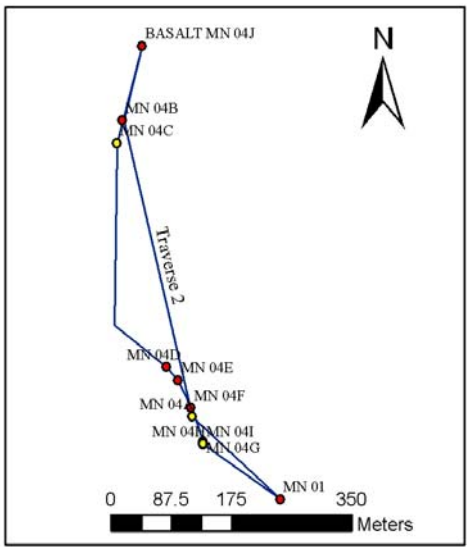
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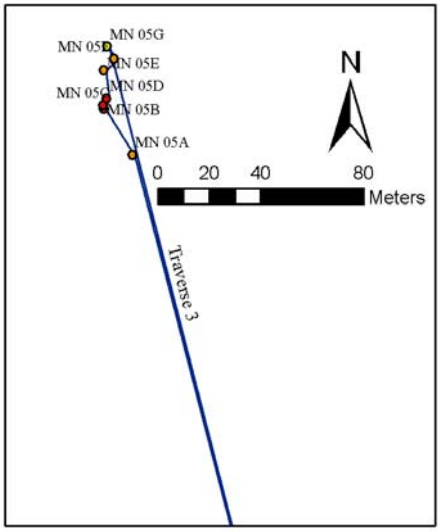
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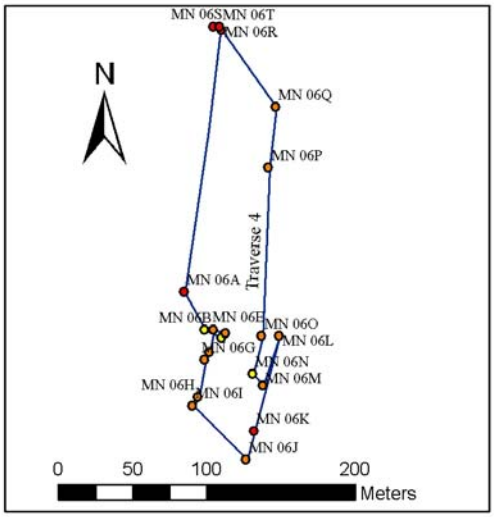
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MN 06O
MN 06L
MN 06G
MN 06N
MN 06M
MN 06H
MN 06I
MN 06K
MN 06J
0 50 100 200
Meters

Appendix 3.

Petrographic Studies

Vancouver GeoTech Labs
#38A – 1640 S.E. Kent Ave., Vancouver, B.C. V5P 2S7
Phone: 604-812-7070, Fax: 604-677-5983, info@thinsection.com

PETROGRAPHIC REPORT

Report For: Remington

Samples: MN-06R, MN-06D, MN-06U, MN-03B, MN-03E, MN-05E

Note: Detail field relationship descriptions were not included with sample submission and Vancouver GeoTech Labs personnel were not involved in sample collection.

Summary: This suite of 6 specimens (see list of samples on page 2) contains 2 highly mineralized quartz veins MN-06R and MN-06U dominated by arsenopyrite and galena respectively, one sample of almost entirely tourmaline, two specimens characterized by abundant secondary potassium feldspar (orthoclase) and a fine grained andesitic tuff.

Black tourmaline (schorl) iron rich, is present in three specimens

Digital photomicrographs are contained in the attached CD and can be opened with regular Windows based software contained in programs such as Office 2003. Scale on Photomicrographs is shown by gradations – 100 divisions equals 1.69mm (each division is 0.017mm for Magnification A, Magnification B is twice as large).

If you have any questions regarding the attached petrographic descriptions or would like other specific lines of inquiry addressed, please call me at 970-6402.

Yours truly,

J.T. (Jo) Shearer, M.Sc., P.Geo.

List of Specimens

#	Specimen Number	Thinsection Name
1	MN-06R	Quartz vein with abundant Arsenopyrite
2	MN-06D	Tourmaline (massive)
3	MN-06U	Fractured Galena with Minor Pyrite
4	MN-038	Orthoclase Altered Hornblende Quartz Monzonite
5	MN-03E	Highly Orthoclase Altered Chloritized Hornblende Quartz Monzonite
6	MN-05E	Fine Grained Hornblende Andesitic Tuff

List of Digital Photomicrographs

Photo #	Sample Section & #		Description – All Magnification A
001	MN-06R	9.0x57.1	Bladed arsenopyrite, reflected light
002	MN-06D	17.3x75.4	Tourmaline, plane light, with numerous cavities
004	MN-06D	23.4x65.5	Hematite and tourmaline, plane light
005	MN-06U	21.5x72.1	Galena flowing around Pyrite, plus some tetrahedrite below
006	MN-03B	22.6x69.0	Muscovite-Kspar altering plagioclase and quartz to the right
007	MN-03E	27.0x60.9	Altered plagioclase by K-spar, muscovite with corroded quartz
008	MN-05E	28.1x55.0	Cherty replacement of plagioclase and ragged hornblende

Digital photomicrographs are contained in the attached CD and can be opened with regular Windows based software contained in programs such as Office 2003. Scale on Photomicrographs is shown by gradations – 100 divisions equals 1.69mm (each division is 0.017mm for Magnification A, Magnification B is twice as large)

Vancouver GeoTech Labs
#38A – 1640 S.E. Kent Ave., Vancouver, B.C. V5P 2S7

-- PETROGRAPHIC DESCRIPTION --

FOR: Remington

SPECIMEN NUMBER: MN-06R

HANDSPECIMEN DESCRIPTION:

Rusty weathering, minor scorodite on weathered surface, highly silicified, medium grey, medium crystalline, rusty fractures, acicular arsenopyrite is abundant as needles up to 4mm in length, quartz crystals up to 1.5mm long, quartz within fractures is somewhat granulated, minor massive arsenopyrite lenses, minor massive pyrite, minor vugs.

HANDSPECIMEN NAME: Arsenopyrite Bearing Crystalline Quartz Vein

THINSECTION EXAMINATION:

ESTIMATED MODE:

Arsenopyrite	21%
Pyrite	3%
Galena	trace
Quartz	69%
Cavities	5%
Hematite	2%

Abundant white arsenopyrite forms triangular to diamond shaped bladed crystals throughout (refer to photomicrograph at 9.0x57.1). Most arsenopyrite grains contain numerous very tiny gangue inclusions.
Minor pyrite occurs in close proximity to the more abundant arsenopyrite but pyrite does not form inclusions or have inclusions of arsenopyrite. Some pyrite crystals have been replaced by hematite. Traces of galena occur touching arsenopyrite but mainly between quartz grains. Quartz forms an interlocking mosaic of irregular grains up to 0.9mm in length characterized with undulatory extinction. All quartz grain boundaries are smooth.

ROCK NAME: Quartz Vein with Abundant Arsenopyrite

Vancouver GeoTech Labs
#38A – 1640 S.E. Kent Ave., Vancouver, B.C. V5P 2S7

-- PETROGRAPHIC DESCRIPTION --

FOR: Remington

SPECIMEN NUMBER: MN-06D

HANDSPECIMEN DESCRIPTION:
Jet black, very crystalline, composed of radiating sprays or bundles of narrow crystals, tourmaline main mineral, very vuggy, some vugs filled with iron oxides

HANDSPECIMEN NAME: Tourmalinite (Tourmaline Rock)

THINSECTION EXAMINATION:

ESTIMATED MODE:

Tourmaline	78%
Vugs	17%
Iron Oxides (Hematite)	5%

Tourmaline forms a jumbled mosaic of stubby cross-sectional views and long bladed crystals up to several mm in length. The cross sectional views are highly zoned (refer to photomicrograph at 17.3x75.4). Birefringence varies from green to light pink. All crystals are pleochroic in green to brown. The long bladed crystals are characterized by small triangular pits.
Minor hematite fills the space between the large tourmaline crystals (refer to photomicrograph at 23.9x65.5, x-nicols and plane light).

ROCK NAME: Tourmalinite (Tourmaline Rock)

Vancouver GeoTech Labs
#38A – 1640 S.E. Kent Ave., Vancouver, B.C. V5P 2S7

-- PETROGRAPHIC DESCRIPTION --

FOR: Remington

SPECIMEN NUMBER: MN-06U

HANDSPECIMEN DESCRIPTION:
Dominated by galena (90%), cut by sub-parallel veinlets/fractures filled with calcite-quartz, minor lenses of pyrite, pyrite also filling fractures, section cut sub-parallel to galena cleavage, some chlorite filled fractures, some pyrite oxidized.

HANDSPECIMEN NAME: Fractured Galena with Minor Pyrite

THINSECTION EXAMINATION:

ESTIMATED MODE:

Galena	78%
Tetrahedrite	3%
Pyrite	12%
Hematite	2%
Calcite	2%
Chlorite	3%
Quartz	1%

Galena forms large sheets with wavy cleavage and highly fractured. Rarely, there are small greenish inclusions in the galena of tetrahedrite (possibly friebergite variety). Tetrahedrite also forms small lenses up to 0.3mm across.
Pyrite occurs as rounded anhedral grains up to 0.4mm in diameter. In places, galena has "flowed" around the pyrite "knots" (refer to photomicrograph at 21.5x72.8).

ROCK NAME: Fractured Galena with Minor Pyrite

Vancouver GeoTech Labs
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-- PETROGRAPHIC DESCRIPTION --

FOR: Remington

SPECIMEN NUMBER: MN-03B

HANDSPECIMEN DESCRIPTION:
Hypidiomorphic granular, medium crystalline, light grey weathering, very abundant K-spar, zoned anhedral plagioclase, abundant anhedral quartz, black tourmaline veinlet 6mm wide, sharp contacts, traces of pyrite, plagioclase up to 3mm in diameter, K-spar appears secondary, potassic alteration, the tourmaline veinlet contains K-spar, k-spar is also replacing plagioclase

HANDSPECIMEN NAME: Hornblende-Quartz Monzonite (Postassic altered)

THINSECTION EXAMINATION:

ESTIMATED MODE:

Plagioclase	16%
Muscovite-Sericite	4%
Orthoclase (secondary)	34%
Calcite	6%
Hornblende	8%
Chlorite	4%
Tourmaline	10%
Quartz	15%
Pyrite	2%

Tourmaline veinlet has long bladed crystals jumbled in with stubby cross-sectional views. The tourmaline veinlet has a quartz envelope up to 1.2mm wide.
Hornblende form rims around chlorite cores partly replacing primary plagioclase. Chlorite also forms isolated clots – perhaps completely replacing hornblende. Plagioclase is commonly replaced by cloudy orthoclase. Plagioclase is also replaced by relatively coarse crystalline muscovite (sericite) and calcite (refer to photomicrograph at 22.6x69.0).
Quartz occurs also as large rounded “ameboid” grains which are only slightly altered.
Pyrite grains are somewhat corroded and contain numerous gangue inclusions.

ROCK NAME: Orthoclase Altered, Hornblende Quartz Monzonite

Vancouver GeoTech Labs
#38A – 1640 S.E. Kent Ave., Vancouver, B.C. V5P 2S7

-- PETROGRAPHIC DESCRIPTION --

FOR: Remington

SPECIMEN NUMBER: MN-03E

HANDSPECIMEN DESCRIPTION:
Rusty weathering, hypidiomorphic granular, medium crystalline, abundant secondary K-spar, primary euhedral plagioclase, anhedral rounded quartz, feathery chloritized hornblende, black tourmaline along quartz veinlet, disseminated pyrite throughout, some k-spar controlled by fractures

HANDSPECIMEN NAME: Hornblende Quartz Monzonite (K-spar altered)

THINSECTION EXAMINATION:

ESTIMATED MODE:

Orthoclase	21%
Calcite	14%
Plagioclase	3%
Muscovite-Sericite	16%
Quartz	16%
Hornblende	7%
Pyrite	8%
Chlorite	6%
Tourmaline	4%
Vugs	2%
Garnet	trace

Pyrite forms sub-rounded grains which appear corroded and close spatial position with secondary muscovite, chlorite and tourmaline.
Quartz grains are also corroded or replaced by Chlorite.
Plagioclase mostly replaced by sericite-muscovite assemblage (refer to photomicrograph at 27.0x60.9). Orthoclase also replaces plagioclase.
Calcite forms granular lenses possibly replacing mafics (hornblende) and feldspar.
Tourmaline crystals developed along narrow quartz veinlets and occasionally small tourmaline needles within quartz. Tourmaline clusters also associated with pyrite.

ROCK NAME: Highly Orthoclase Altered Chloritized Hornblende Quartz Monzonite

Vancouver GeoTech Labs
#38A – 1640 S.E. Kent Ave., Vancouver, B.C. V5P 2S7

-- PETROGRAPHIC DESCRIPTION --

FOR: Remington

SPECIMEN NUMBER: MN-05E

HANDSPECIMEN DESCRIPTION:
Rusty weathering, fine crystalline, dark to light grey, salt and pepper texture, rusty fractures filled with pyrite, no k-spar, tiny 0.2mm plagioclase phenocrysts, light grey aphanitic fragment 3mm across, hornblende abundant

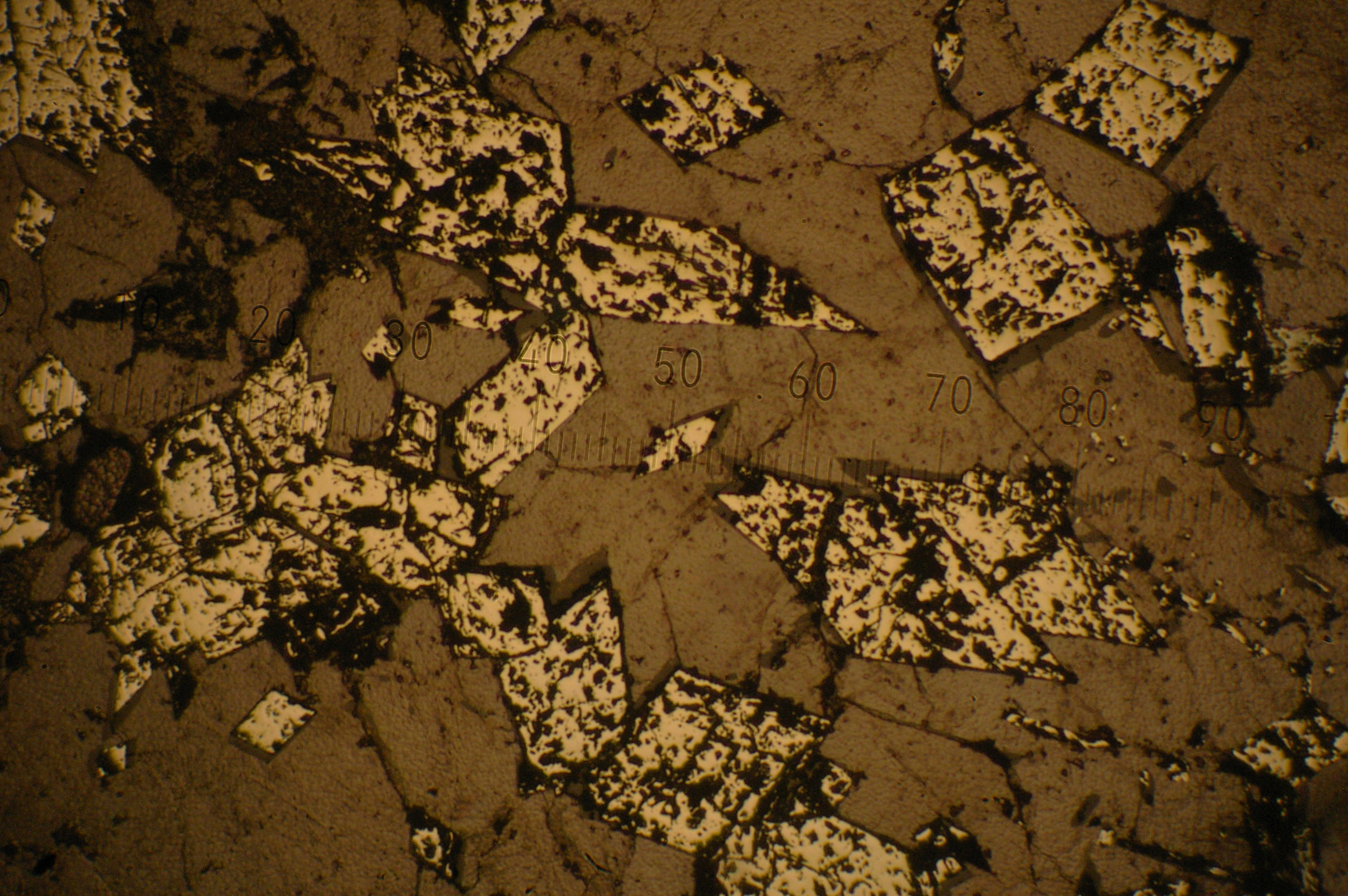
HANDSPECIMEN NAME: Fine Grained Dioritic/Andesitic Tuff

THINSECTION EXAMINATION:

ESTIMATED MODE:	
Plagioclase	30%
Quartz	15%
Pyrite	4%
Hematite	2%
Hornblende	30%

Pyrite forms small ragged grains up to 0.08mm in diameter disseminated throughout. Hematite was observed filling fractures. In some fractures, pyrite also coats the sides up to 0.03mm wide.
Hornblende occurs as slightly ragged elongated grains up to 0.3mm in length. Rarely, hornblende forms larger grains up to 0.8mm encased in pyrite.
Plagioclase forms teardrop shaped grains up to 0.3mm which are distinctly cloudy.(altered) which is mainly fine grained quartz (chert). Quartz occurs as rounded composite grains in the 0.2mm range and as angular eyes. (Refer to photomicrograph at 28.1x55.0 showing cherty replacement and ragged hornblende.)

ROCK NAME: Fine Grained Hornblende Andesitic Tuff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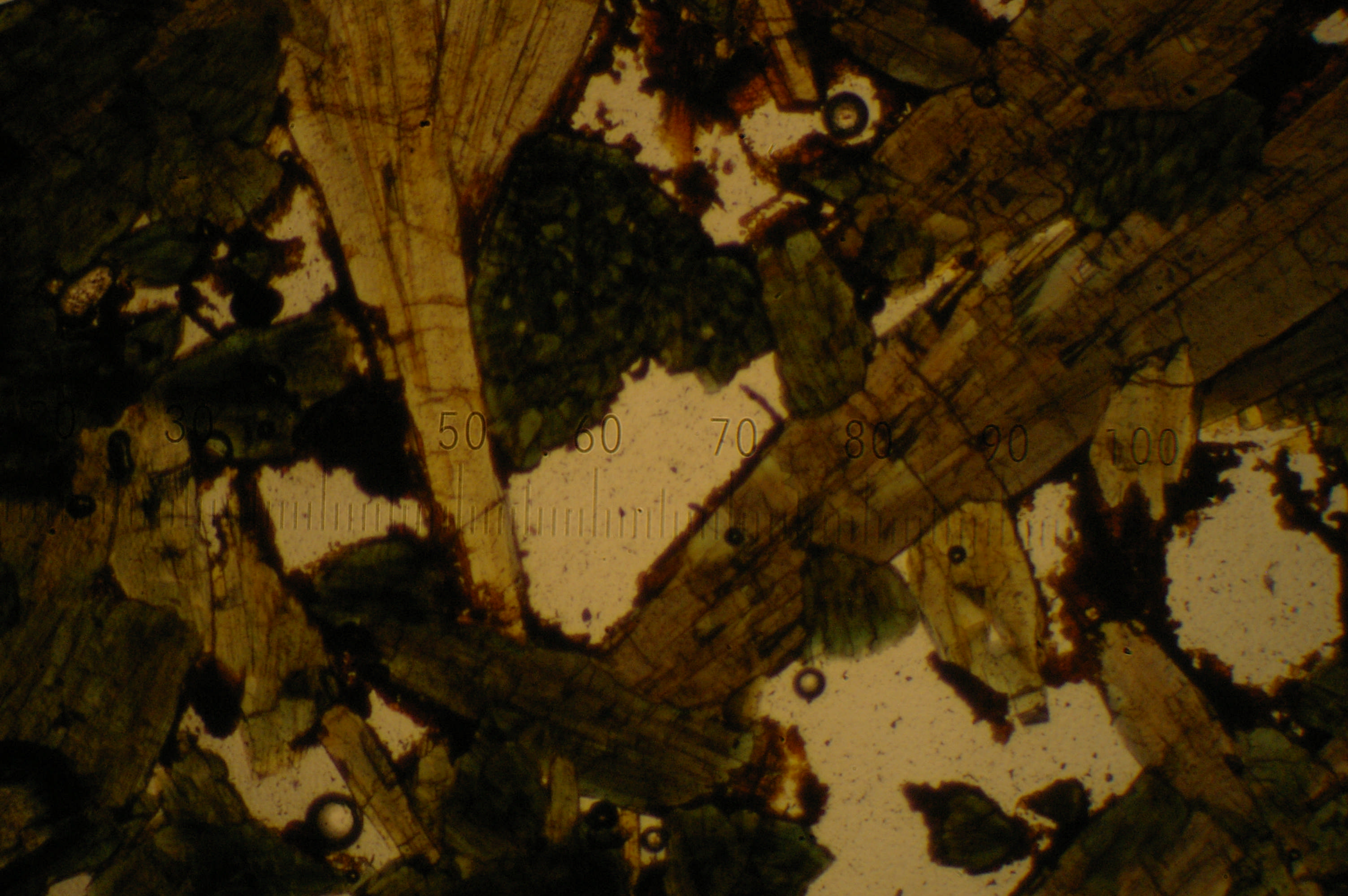
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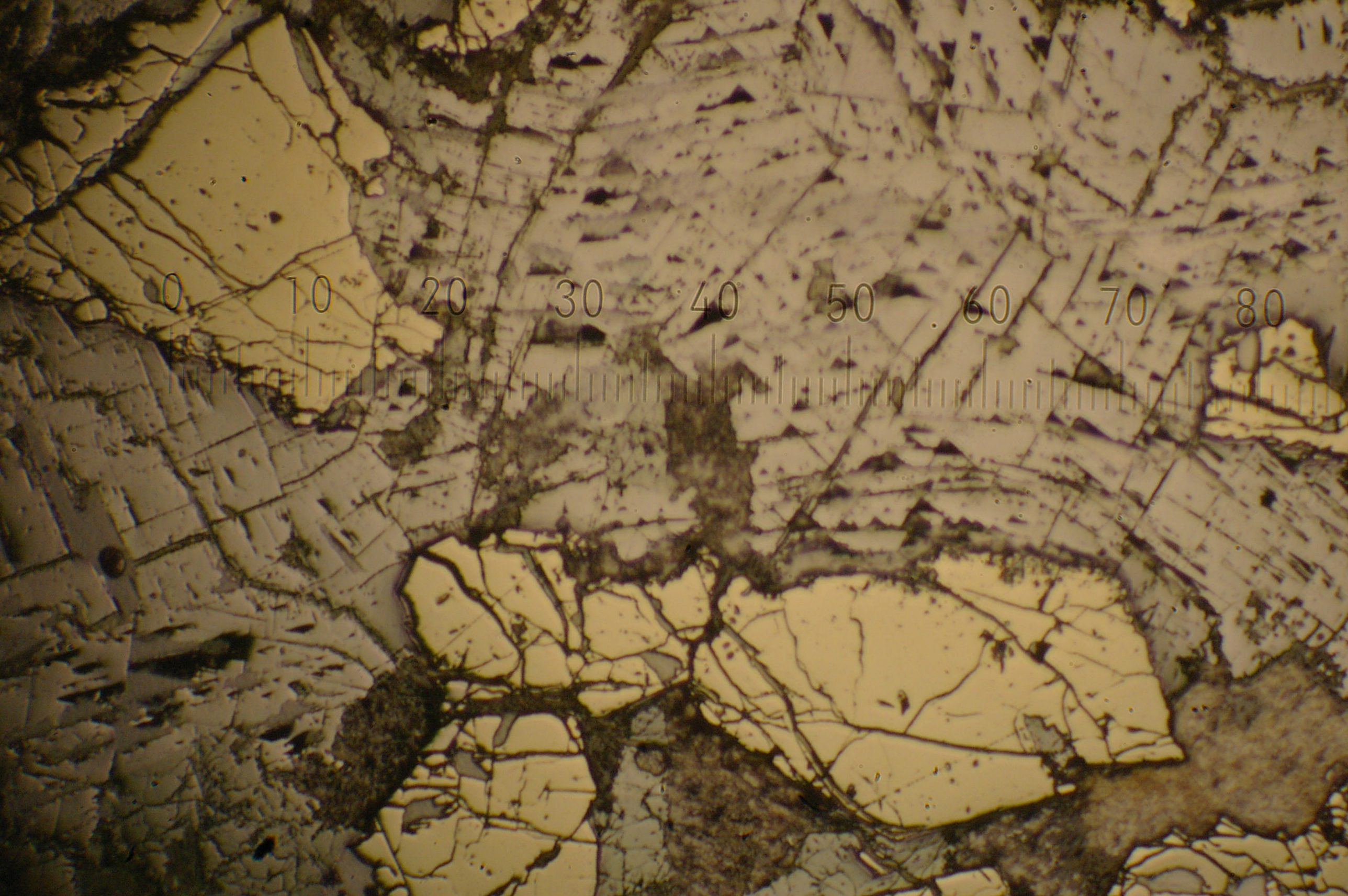
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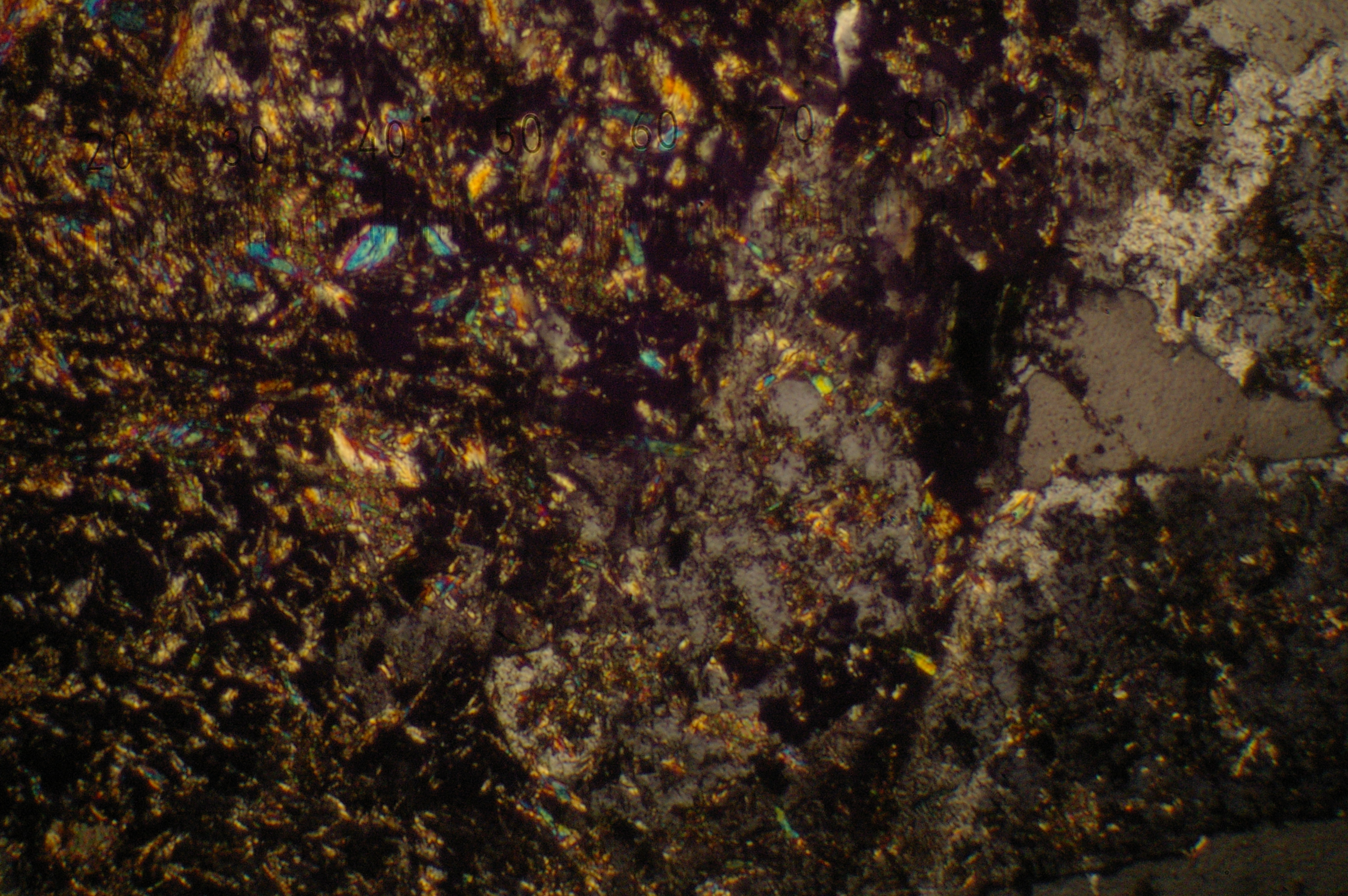
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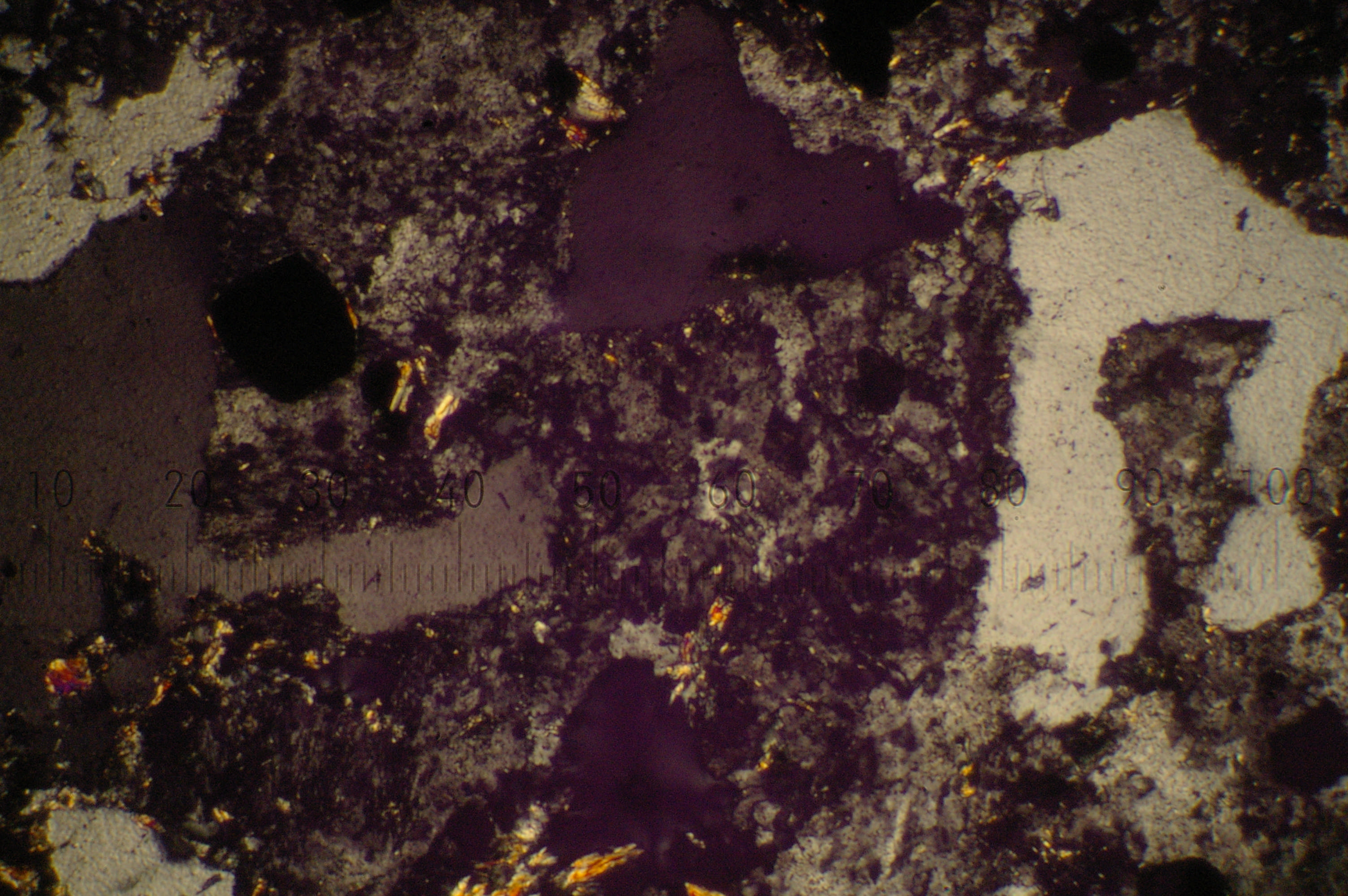
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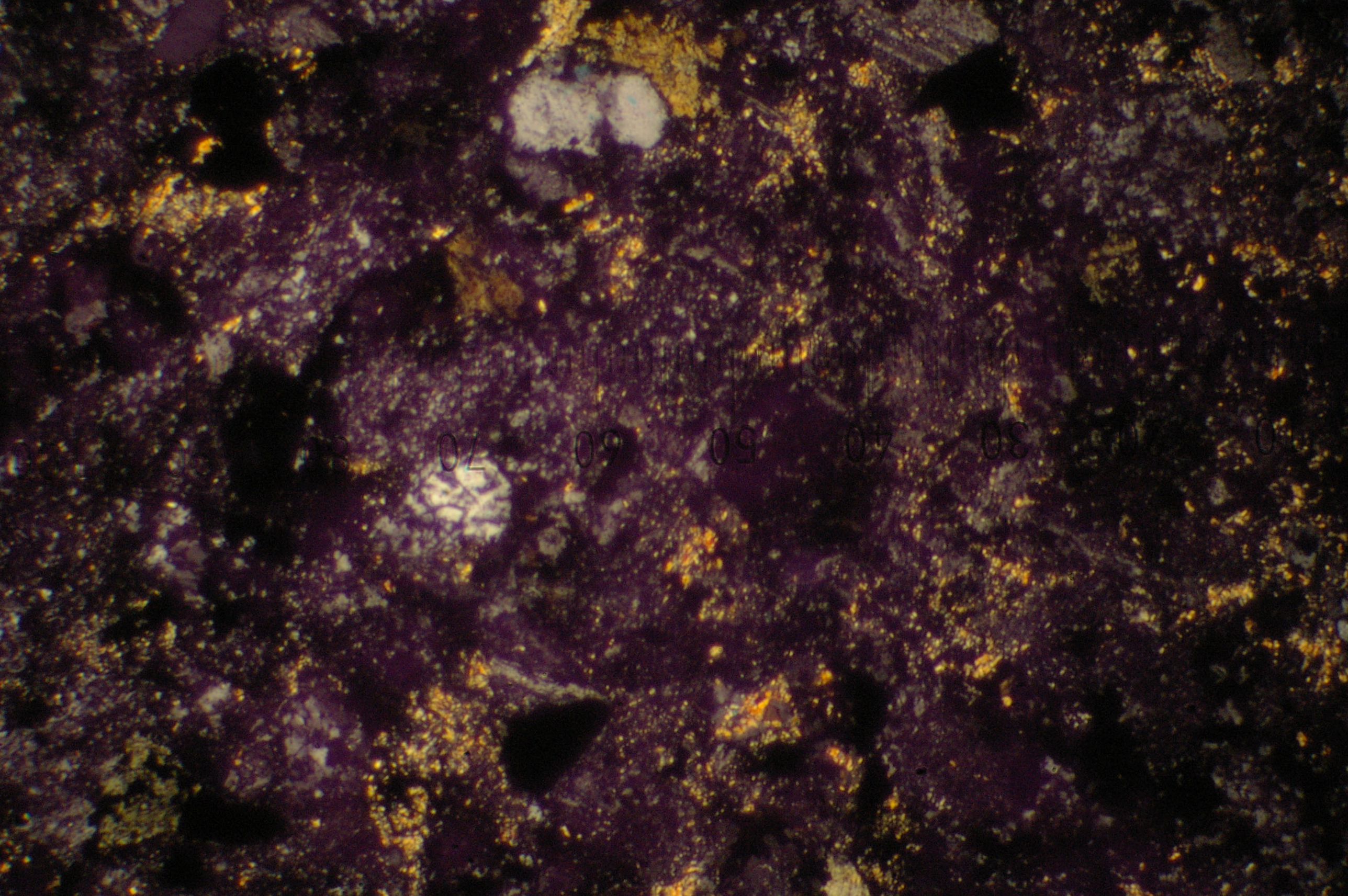

Appendix 4.

Assay Results

VA06117810 - Finalized
CLIENT : "NICASS - Nicholson And Associates"
# of SAMPLES : 51
DATE RECEIVED : 2006-10-26 DATE FINALIZED : 2006-11-30
PROJECT : "Mt. Blunt"
CERTIFICATE COMMENTS : "Interference: Samples with Molybdenum >500ppm will cause a low bias on Cadmium-MS41<1ppm. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd ICP-AES results shown."
PO NUMBER : " "

	Au-GRA21	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	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
SAMPLE	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
MN01	<0.05	0.07	0.93	4.3	<0.2	<10	150	0.21	0.13	0.44	0.12	25.5	6.4	11	2.54	4.7	2.56	5.65	0.11	0.27	<0.01	0.013	0.34	12.4	14.6	0.52	207	1.75
MN02A	<0.05	0.15	0.85	6.3	<0.2	<10	40	0.25	0.75	0.16	0.07	13.15	1	12	2.77	5.9	3.09	5.65	0.08	0.31	0.01	0.012	0.11	4.5	3.9	0.31	75	2.7
MN02B	<0.05	0.08	1.03	4.6	<0.2	<10	40	0.32	0.39	0.08	0.04	18.15	3.2	8	2.27	4.6	4.77	6.78	0.1	0.3	<0.01	0.016	0.13	9.4	6.4	0.52	115	1.33
MN02C	<0.05	0.12	1.15	9.1	<0.2	<10	30	0.31	0.35	0.38	0.05	20.9	0.8	7	3.31	6.2	1.43	5.9	0.1	0.31	<0.01	0.013	0.1	8.2	6.9	0.34	129	2.54
MN02D	<0.05	0.17	1.06	8.1	<0.2	<10	60	0.25	0.53	0.18	0.02	20.2	1.6	9	2.52	6.3	2.86	6.27	0.1	0.3	<0.01	0.018	0.15	9.4	6.5	0.4	116	3.25
MN02E	<0.05	0.18	0.45	8.9	<0.2	<10	140	0.24	1.48	0.07	0.03	9.89	0.8	13	2.4	5.3	5.5	6.79	0.15	0.2	<0.01	0.033	0.18	4.2	1.6	0.1	42	1.87
MN02F	<0.05	0.13	1.01	6	<0.2	<10	50	0.18	0.3	0.43	0.09	17.25	0.9	6	2.78	4.4	1.17	3.41	0.07	0.24	<0.01	0.01	0.04	6.1	4.9	0.22	107	0.51
MN02G	<0.05	0.11	1.34	9.8	<0.2	10	20	0.31	0.57	0.22	0.05	17.35	1.6	9	4.27	2.9	2.4	7.2	0.1	0.29	<0.01	0.044	0.12	7.6	9.4	0.71	153	1.49
MN02H	<0.05	0.14	1.31	8.6	<0.2	20	20	0.28	0.99	0.08	0.04	13.5	1.7	18	4.55	5.5	5.66	6.91	0.12	0.27	0.01	0.049	0.09	5.5	8	0.65	109	3.49
MN02I	<0.05	0.16	1.01	5.8	<0.2	10	110	0.23	0.21	0.27	0.09	17.15	5.1	8	2.31	4.6	2.73	5.05	0.1	0.26	0.01	0.016	0.25	8.4	5.5	0.32	170	2.12
MN03A	<0.05	0.19	0.99	3.1	<0.2	10	590	0.25	0.31	1.18	0.41	25.2	3.6	11	6.37	11.5	2.68	4.99	0.1	0.18	<0.01	0.012	0.25	11.1	9.9	0.59	238	0.95
MN03B	<0.05	0.07	1.23	3.8	<0.2	10	70	0.21	0.24	0.7	0.12	20	8.5	19	2.74	3.5	3.05	5.29	0.08	0.21	0.01	0.014	0.22	10.3	12.5	0.63	247	3.61
MN03C	<0.05	0.13	1.24	6	<0.2	10	100	0.21	0.28	0.37	0.14	13.55	10	11	2.23	5.2	4.83	6.77	0.11	0.21	<0.01	0.01	0.25	6.8	9.9	0.75	183	3.18
MN03D	<0.05	0.79	2.48	24.8	<0.2	10	50	0.4	0.57	0.56	0.12	16.45	6.4	7	2.31	25.2	8.09	9.25	0.13	0.15	0.01	0.039	0.28	8.3	22.9	0.93	1150	0.93
MN03E	<0.05	0.19	0.79	3.5	<0.2	20	110	0.21	0.7	0.13	0.03	6.03	19.4	14	1.62	4.1	5.87	1.98	0.08	0.18	<0.01	0.013	0.24	3	5.2	0.12	92	11.8
MN04A	<0.05	0.3	1.68	10.5	<0.2	10	70	0.38	0.4	0.91	0.15	17.75	10.8	77	1.82	90.7	3.26	8.65	0.15	0.28	<0.01	0.056	0.13	8.1	16.5	1.14	329	10.15
MN04B	<0.05	0.11	2.3	7.3	<0.2	<10	280	0.26	0.06	0.68	0.37	22	14	10	6.72	16.4	3.62	7.5	0.15	0.09	<0.01	0.03	0.99	9.3	18.2	1.03	531	3.98
MN04C	<0.05	0.14	1.61	17.2	<0.2	<10	200	0.21	0.1	0.52	1.1	29.6	10.3	19	6.29	20.8	2.97	5.95	0.13	0.08	0.01	0.024	0.74	13.1	16.6	0.8	441	1.67
MN04D	<0.05	0.21	1.5	12.6	<0.2	<10	160	0.28	0.67	0.51	0.11	18.35	2	8	3.29	64.2	2.98	7.92	0.12	0.11	<0.01	0.037	0.42	9.6	12.3	0.62	217	2.75
MN04E	<0.05	0.15	1.04	3.9	<0.2	<10	180	0.11	0.27	0.31	0.03	25.7	1.8	7	3.45	25.7	2.26	5.54	0.11	0.14	<0.01	0.03	0.46	15.1	9.6	0.42	157	19.65
MN04F	<0.05	1.34	1.54	2.1	<0.2	<10	210	0.16	0.31	0.33	0.01	31.6	3	21	7.49	119	3	8.03	0.13	0.14	<0.01	0.207	0.72	16.8	10.8	0.68	205	91.4
MN04G	<0.05	0.15	1.42	5.9	<0.2	<10	180	0.16	0.29	0.36	0.16	19.6	6.7	10	6.47	49.8	2.8	7.28	0.12	0.22	<0.01	0.029	0.59	9.9	12.6	0.82	205	2.95
MN04H	<0.05	0.35	1.43	7.1	<0.2	<10	190	0.19	0.75	0.36	0.24	22.5	4.2	10	8.33	131.5	3.02	6.88	0.12	0.21	<0.01	0.038	0.68	11.5	12.7	0.78	206	2.79
MN04I	<0.05	0.12	2.43	25.3	<0.2	10	450	0.49	0.07	0.44	10.35	24.1	18.5	40	3.99	38.6	4.21	7.63	0.15	0.04	<0.01	0.044	0.57	11	20.1	0.96	599	1.34
MN05A	<0.05	0.32	3.89	22.7	<0.2	10	390	0.33	0.11	1.25	2.48	9.44	16.4	29	3.15	118.5	4.72	10.95	0.15	0.03	0.01	0.163	0.71	3.9	20.6	0.91	688	1
MN05B	<0.05	0.13	2.1	14.5	<0.2	<10	320	0.32	0.14	0.25	0.24	10.95	19	23	2.77	33.9	4.1	7.42	0.12	0.02	<0.01	0.032	0.35	4.8	18.5	0.93	478	0.77
MN05C	<0.05	0.13	1.71	85.1	<0.2	<10	180	0.16	0.16	0.39	0.67	8.57	22.8	35	1.52	54.9	4.37	6.54	0.13	0.03	<0.01	0.033	0.22	3.5	12.8	0.71	401	1.77
MN05D	<0.05	0.15	3.69	65.1	<0.2	<10	150	0.36	0.27	0.77	0.42	10.95	41.5	70	4.07	56.9	7.66	13.75	0.2	0.03	<0.01	0.053	0.42	4.8	27.4	1.28	571	0.98
MN05E	<0.05	0.24	2.68	21	<0.2	<10	410	0.21	0.29	0.19	0.32	14.05	27.1	27	2.03	65.4	5.78	9.5	0.12	0.03	<0.01	0.048	0.24	6.3	23.4	1.24	563	1.06
MN05F	<0.05	0.28	2.59	57	<0.2	10	160	0.19	0.85	0.4	0.12	9.14	17.5	13	1.23	124.5	4.06	7.36	0.07	0.02	<0.01	0.019	0.23	4.6	22.3	0.83	381	1.23
MN05G	<0.05	0.16	2.7	16.8	<0.2	<10	160	0.4	0.39	0.25	0.25	13.7	34.3	35	2.15	59.7	5.65	9.4	0.13	0.03	<0.01	0.028	0.32	6.2	23.3	1.49	505	1.2
MN06A	<0.05	0.09	2.24	13.8	<0.2	<10	60	0.28	0.17	1.1	0.25	26.4	16	71	2.2	2.7	5.45	12.05	0.14	0.36	<0.01	0.028	0.2	13.6	20	1.83	389	1.85
MN06B	<0.05	0.06	2.51	12.9	<0.2	<10	40	0.22	0.09	1.5	0.17	24.1	13	59	1.35	2.4	4.57	10.95	0.11	0.14	0.02	0.06	0.15	12.9	20.2	2.15	476	1.34
MN06C	<0.05	0.23	0.86	33.8	<0.2	40	130	0.08	1.94	0.19	<0.01	48.7	22.3	9	3.6	5.5	3.93	5.65	0.18	0.03	0.01	0.017	0.5	30.2	6.8	0.46	127	4900
MN06D	<0.05	0.36	0.25	31.4	<0.2	180	40	0.07	0.45	0.02	<0.01	1.77	2.6	4	0.53	3.5	1.26	1.22	<0.05	0.06	<0.01	0.01	0.1	1.1	0.7	0.06	40	106
MN06E	<0.05	1.36	2.7	9.7	<0.2	<10	80	0.14	9.34	0.47	0.06	10.15	53.6	79	27.3	7.1	6.97	11.25	0.15	0.55	0.04	0.036	2.13	5	21.6	2.49	286	12.3
MN06F	<0.05	0.46	1.52	5.4	<0.2	30	330	0.11	1.31	0.24	0.03	5.11	12.6	6	2.57	1.8	6.56	7.13	0.1	0.07	0.01	0.036	0.38	2.5	12.6	0.91	270	67.3
MN06G	0.11	1.07	0.15	2.9	<0.2	210	10	0.05	1.05	0.01	<0.01	2.8	1.2	3	0.36	2	1.06	0.73	<0.05	0.04	0.01	0.01	0.04	1.6	0.4	0.04	26	15
MN06H	<0.05	0.71	2.67	7.5	<0.2	<10	30	0.18	1.33	0.69	0.22	19.05	27	37	2.29	21.5	5.64	13.7	0.17	0.21	<0.01	0.043	0.22	9.6	29.3	2.57	385	2.9
MN06I	<0.05	0.55	1.6	10.6	<0.2	<10	80	0.26	0.64	0.5	0.35	22	10.7	21	3.6	182	3.19	9.81	0.11	0.39	0.01	0.07	0.25	11.4	20.6	1.05	280	4.05
MN06J	0.2	0.59	0.14	121.5	0.2	20	10	<0.05	0.37	0.02	0.02	>500	3.7	4	0.36	4.7	1.85	4.01	0.45	0.06	0.04	0.01	0.06	400	0.7	0.03	63	1.59
MN06K	<0.05	0.06	2.26	5.3	<0.2	<10	50	0.17	0.1	1.17	0.18	26.4	8.4	52	1.5	2	5.17	9.09	0.11	0.12	0.02	0.039	0.22	13.7	17.2	1.81	397	1.28
MN06L	<0.05	0.05	1.95	7.7	<0.2	10	90	0.19	0.59	0.49	0.07	43.9	9.7	15	4.17	3.6	4.44	12.55	0.12	0.07	<0.01	0.021	0.43	25.3	24.5	1.61	216	10.35
MN06M	<0.05	3.81	0.32	87.3	<0.2	120	30	0.09	0.8	0.03	<0.01	8.1	4.1	4	0.79	3	1.89	1.63	<0.05	0.05	0.02	0.02	0.17	4.7	0.9	0.05	49	50.9
MN06N	0.17	1.1	0.17	59.9	<0.2	150	10	0.08	0.39	0.05	<0.01	2.86	5.6	12	0.66	4.7	2.44	2.03	<0.05	0.06	0.01	0.028	0.04	1.6	0.9	0.04	25	110
MN06O	<0.05	0.31	0.05	3.6	<0.2	30	30	<0.05	0.41	0.01	<0.01	0.59	3.6	7	0.63	3.4	0.8	0.36	<0.05	<0.02	0.01	<0.005	0.03	0.3	0.6	0.01	46	33.5
MN06P	<0.05	0.25	3.01	50.5	<0.2	10	180	0.21	6.69	0.6	0.15	12.45	14.7	24	8.52	180	5.78	14.5	0.17	0.15	0.01	0.057	0.65	6	41.6	1.61	376	3.81
MN06Q	0.07	0.09	2.71	5.2	<0.2	10	260	0.47	0.1	0.67	0.12	20.2	11.4	29	5.02	33.1	2.57	8.12	0.11	0.03	0.01	0.026	0.52	8.5	22.2	1.14	264	2.03
MN06R	1.5	>100	0.04	>10000	1.2	<10	10	<0.05	0.06	0.01	620	0.95	0.6	1	0.15	574	9.19	1.31	0.12	<0.02	3.91	4.93	0.03	1.9	0.3	0.01	171	1.9
MN06S	<0.05	>100	0.03	1695	<0.2	<10	10	<0.05	0.92	0.01	211	0.32	0.1	<1	0.05	792	1.42	0.57	0.05	<0.02	1.23	5.64	<0.01	1.1	0.2	0.01	15	0.11
MN06T	0.37	>100	0.06	>10000	<0.2	<10	10	<0.05	0.07	0.01	228	1.15	0.4	23	0.2	328	7.21	0.9	0.09	<0.02	1.45	4.46	0.03	2.2	0.3	0.01	159	1.48

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	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Ag-AA46	Pb-AA46	Zn-AA46	Ag-GRA21
Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Pb	Zn	Ag
%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
0.07	1.65	4.5	820	8.9	29.5	<0.001	<0.01	0.72	1.9	0.2	0.7	21	0.01	<0.01	18.9	0.189	0.27	2.3	63	0.62	8.81	29	4.5				
0.08	1.03	4.4	560	9.5	17.7	<0.001	0.21	1.42	2	1.5	4.2	36.2	0.01	0.05	16.4	0.166	0.16	4.27	61	0.27	5.93	17	5.3				
0.09	0.43	4.2	710	6.1	18.3	<0.001	0.25	1.05	3.9	1.1	2.1	30.5	<0.01	0.02	16.6	0.099	0.15	2.42	71	0.26	5.76	17	5.1				
0.07	0.65	6.8	800	15.8	14.5	<0.001	0.06	1.33	2.4	0.6	2.5	24.1	0.01	0.01	17.9	0.126	0.13	3.3	41	0.36	12	23	5.2				
0.07	1.03	5.2	700	12.5	17.9	<0.001	0.17	1.39	2.9	1.1	2.2	29.9	0.01	0.03	20.2	0.159	0.17	4.85	58	0.48	7.21	20	5				
0.19	1.69	2.1	670	8	22.2	<0.001	0.86	1.45	1.7	7.2	3.1	82.9	<0.01	0.14	14.9	0.186	0.22	4.03	61	0.27	1.29	7	4				
0.07	0.89	5	860	11.3	4.9	<0.001	0.07	1.42	1.4	0.4	1.8	25.3	0.01	<0.01	14.3	0.127	0.05	3.6	30	0.34	10.85	20	3.8				
0.07	0.44	7.3	1090	10.1	18.3	<0.001	0.11	1.35	5.3	0.9	2.4	31.3	0.01	0.03	17.2	0.127	0.17	5.41	75	0.33	9.01	30	4.7				
0.07	0.26	7	1050	6.6	16.1	<0.001	0.23	0.78	4.1	2	2	24.3	<0.01	0.07	14.2	0.07	0.14	2.91	121	0.18	4.75	23	4.4				
0.07	1.02	3.7	490	11.7	19.5	<0.001	<0.01	0.79	2.6	0.4	1.1	22.7	<0.01	0.02	16.3	0.163	0.18	8.27	53	0.33	6.67	24	5.2				
0.08	0.54	4.8	900	11.5	20.1	0.001	0.41	0.86	3.6	0.7	0.9	42.8	0.01	0.01	15.9	0.098	0.18	3.15	44	0.2	14	94	3.4				
0.04	0.1	6.4	770	3.1	14.9	0.001	0.49	0.24	2.7	0.5	0.3	13.3	<0.01	0.02	14.8	0.018	0.12	1.83	37	0.25	8.35	28	4.1				
0.07	0.93	6.4	780	13.4	17	0.001	0.9	0.7	4.8	0.9	1.1	16.4	0.01	0.02	15.6	0.169	0.15	1.88	64	0.38	7.31	31	4.1				
0.03	0.09	8.5	860	68.3	21.2	0.001	1.03	0.45	3.2	0.8	0.6	8.8	<0.01	0.04	15.3	0.013	0.16	3.81	57	0.16	7.72	46	3.1				
0.02	0.06	6.2	770	2	16.9	0.005	1.98	0.17	0.8	1.3	0.3	6	<0.01	0.14	12.5	<0.005	0.13	3.68	11	0.07	4.25	6	4				
0.07	1.05	35.1	1920	12.9	7.6	0.001	0.2	1.63	4.3	0.6	0.9	17.9	0.01	0.04	6.3	0.184	0.1	10.55	68	0.79	6.35	47	12.4				
0.2	0.59	5.6	1060	9.8	64	0.001	0.01	0.86	8.5	0.6	0.5	53.7	<0.01	0.01	11.8	0.26	0.42	3.01	99	0.66	14.7	111	1.8				
0.11	0.94	4.7	1050	12.7	60.3	<0.001	<0.01	2.2	4.8	0.5	0.3	28.3	<0.01	<0.01	14.4	0.255	0.3	2.54	79	0.55	11.85	93	1.4				
0.06	1.53	2.5	740	9.8	30.6	<0.001	<0.01	3.36	3.2	0.5	0.6	17.5	0.01	0.05	19.1	0.206	0.26	5.24	51	0.72	6.91	32	2.1				
0.12	1.43	1.1	670	10.9	30.6	0.001	0.02	0.77	2.2	0.4	1.1	24.7	0.01	0.04	20.1	0.182	0.3	8.01	39	0.69	7.15	23	3.1				
0.1	1.64	1.7	920	10	65.5	0.001	0.08	0.65	4.6	0.9	1.5	40.6	0.01	0.08	15	0.265	0.61	6.42	71	0.58	8.79	22	2.4				
0.11	2.04	3	760	8.4	48.8	0.001	0.3	1	6.9	0.6	0.8	19.2	0.01	0.03	18.1	0.212	0.48	10.7	67	0.71	9.31	29	4.4				
0.12	1.42	4.4	750	12.1	61.8	0.001	0.61	1.24	7.2	0.7	1	27.7	0.01	0.04	18.6	0.222	0.59	6.74	66	0.84	10.15	35	4.2				
0.1	0.08	21.8	930	4	17.9	0.001	0.01	3.62	13.4	0.6	0.5	48	<0.01	0.01	2.8	0.203	0.26	0.85	163	0.19	10.65	873	0.6				
0.31	0.11	14.9	900	18.6	23.5	<0.001	0.84	4.81	12.5	1.1	0.5	177	<0.01	0.17	1.7	0.171	0.45	0.3	135	0.18	7.12	450	0.6				
0.09	0.12	17.3	660	7.1	11.1	<0.001	0.82	5.3	10.4	0.7	0.3	26.7	<0.01	0.15	1.4	0.115	0.14	0.31	123	0.13	5.52	90	0.8				
0.13	0.14	23.8	840	13.3	7.5	0.001	1.07	8.86	11.9	1.1	0.2	148.5	<0.01	0.18	1.6	0.123	0.16	0.37	137	0.15	7.53	143	0.6				
0.26	0.14	37.5	940	12.4	15.3	0.001	2.25	13.05	16.9	0.8	0.5	71.6	<0.01	0.18	1	0.2	0.2	0.32	336	0.19	8.35	151	0.5				
0.08	0.1	23.4	690	8.5	9.2	0.001	0.92	4.69	11.5	1	0.3	20.7	<0.01	0.22	1.8	0.092	0.12	0.62	142	0.08	6.5	109	1.4				
0.13	0.05	17.1	190	10.2	5.8	0.001	0.86	10.2	4.9	1.2	<0.2	77.2	<0.01	0.16	1.3	0.03	0.07	0.22	54	0.06	3.1	49	0.8				
0.11	0.09	27.3	770	6.9	10.2	0.001	1.82	4.28	11.3	1.3	0.2	24.7	<0.01	0.52	1.6	0.108	0.15	0.42	180	0.07	5.71	77	0.8				
0.07	0.61	34.2	1690	6.1	18.5	<0.001	0.13	1.45	5.9	0.4	1.3	33.1	<0.01	0.03	6	0.262	0.18	0.63	114	0.3	8.38	62	13.5				
0.09	0.31	35.7	1770	6.4	10.9	<0.001	0.1	1.54	7.2	1	0.9	31.4	0.01	0.03	4.3	0.225	0.14	0.7	104	0.24	8.1	47	3.4				
0.08	0.98	4.8	530	8.2	32.9	0.274	1.11	0.79	2.6	2.8	2	14.9	<0.01	0.76	7	0.12	0.34	6.81	47	1.16	6.9	22	1.4				
<0.01	0.09	0.9	110	46.3	7.5	0.003	0.03	1.42	0.7	0.8	1.3	5.6	<0.01	0.1	1.7	0.007	0.06	0.35	11	0.25	0.47	23	1.7				
0.06	0.2	35.7	1640	28.8	188.5	0.001	4.08	0.76	16.4	5.7	1.3	26.3	<0.01	4.21	5.3	0.378	2.17	1.97	150	0.15	6.51	46	20.4				
0.01	0.26	2.7	1230	9.8	26.9	0.003	0.94	0.57	2.2	2.5	2	23.6	<0.01	0.35	7.7	0.046	0.25	1.32	56	6.57	3.36	28	1.5				
<0.01	0.09	0.6	60	78.4	3.7	0.001	0.08	1.5	0.5	0.9	1.5	8.9	<0.01	0.12	1.4	0.006	0.04	0.18	5	0.29	0.43	3	1				
0.06	0.37	47.3	1830	43.1	17.5	<0.001	0.96	1.63	11.3	0.7	1.5	20.9	<0.01	0.19	5.2	0.236	0.21	0.54	121	0.36	7.52	43	6.8				
0.08	0.26	12	960	11.8	16.3	<0.001	0.45	0.88	6.2	0.5	0.9	22.9	<0.01	0.12	5.9	0.157	0.22	1.24	68	0.35	6.25	46	14.2				
<0.01	0.15	1.2	360	4.5	5.2	<0.001	0.67	1.89	0.6	1.1	0.6	18.3	<0.01	0.06	11.1	0.008	0.05	1.25	9	0.48	8.54	3	1.3				
0.1	0.32	26.4	1720	5.4	12.7	<0.001	0.05	1.17	4	0.8	0.8	49.4	0.01	0.05	4.2	0.255	0.15	0.48	103	0.22	7.02	47	2.6				
0.08	0.54	4.3	1170	3.6	34.6	0.001	1.42	0.34	5.8	0.8	1	15.9	<0.01	0.11	7.5	0.138	0.3	2.06	110	0.29	8.25	33	1.2				
<0.01	0.08	0.8	400	128.5	13.1	0.001	0.36	3.86	0.6	0.5	1.8	4.7	<0.01	0.06	1.8	<0.005	0.11	0.59	11	0.36	0.72	26	1.5				
<0.01	0.07	1	530	213	3.2	0.003	0.27	1.51	0.6	0.5	1.3	6.5	<0.01	0.06	1.6	0.005	0.03	0.24	24	0.85	0.61	11	1.6				
<0.01	0.18	1.1	20	9.8	2.1	0.005	0.12	0.57	0.3	0.7	0.2	3.2	<0.01	0.03	0.4	<0.005	0.04	0.06	3	0.68	0.12	8	<0.5				
0.13	0.1	12.2	760	9.3	42.8	<0.001	1.1	2.25	11.1	1.6	1	56.3	<0.01	4.87	1.3	0.213	0.77	1.44	137	0.35	6.57	44	3.3				
0.22	0.1	16.2	770	8	15.8	0.001	0.02	0.33	7.7	0.4	0.6	53.7	<0.01	0.05	1.6	0.165	0.23	0.44	107	0.2	7.36	55	0.5				
<0.01	0.15	0.6	20	>10000	1.9	<0.001	6.48	>10000	0.3	2.6	3	3.8	<0.01	0.03	<0.2	<0.005	0.53	0.18	2	0.11	0.46	>10000	<0.5	288	4.06	2.25	
<0.01	<0.05	<0.2	10	>10000	0.2	<0.001	>10.0	9880	0.1	6.5	3.1	4.9	<0.01	0.03	<0.2	<0.005	1.03	0.05	1	<0.05	0.11	7900	<0.5	>1500	>30.0		5410
<0.01	0.11	1.1	20	>10000	1.3	<0.001	3.56	>10000	0.3	0.4	1.1	4.6	<0.01	0.01	<0.2	<0.005	0.47	0.23	2	0.08	0.35	1740	<0.5	362	4.9		