BRITISH COLUMBIA

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

**ASSESSMENT REPORT**
**TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)]: 2007 PROSPECTING, GEOCHEMICAL, PHYSICAL WORK — TOTAL COST: $ 6375.11

AUTHOR(S): DAVID J. PIGGIN, 140689 — SIGNATURE(S): David J Piggin

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): — YEAR OF WORK: 2007

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S): 4156773 - 2007/JUN/06 to 2007/JUL/04; 4172409 - 2007/JUN/24 to 2007/SEP/30

PROPERTY NAME: SPAPILEM

CLAIM NAME(S) (on which work was done): Tenure 526319 - SPA 2
553124 - SPAP 3

COMMODITIES SOUGHT: Au, Ag, Cu, Zn

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: N/A

MINING DIVISION: KAMLOOPS — NTS: 082M022

LATITUDE: 51 ° 14 ' 40 " — LONGITUDE: -119 ° 38 ' 51 " (at centre of work)

OWNER(S)

1) DAVID J. PIGGIN — 2)

MAILING ADDRESS
91-137 McGill Road
KAMLOOPS, BC. V2C 1L9

OPERATOR(S) [who paid for the work]

1) DAVID J. PIGGIN — 2)

MAILING ADDRESS
SAME

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
BALDY BATHOLITH, GRANITIC INTRUSION, MID-CRETACEOUS POSSIBLE JURASSIC PHASE, Possible IRON CARBONATE ALTERATION, PLUTON-RELATED INTRUSIVE ARE. 1011.518 hectares. ELEVATION 1350 - 1800 metres. ALSO EAGLE BAY ASSEMBLAGE, META-SEDIMENTS.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: N/A

(OVER)

526319+553124

| 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 | 2 | 526319, 553124 | |
| Silt | Stream Sediment 21 | 526319, 553124 | |
| Rock | 15 | 526319, 553124 | |
| Other | Moss Mat 16 | 526319; 553124 | $1240.77 |
| DRILLING (total metres; number of holes, size) | | | |
| Core | | | |
| Non-core | | | |
| RELATED TECHNICAL | | | |
| Sampling/assaying | | | $4000.00 |
| Petrographic | | | |
| Mineralographic | | | |
| Metallurgic | | | $ |
| PROSPECTING (scale, area) | 1011.518 ha | 526319, 553124 | $1000.00 |
| PREPARATORY/PHYSICAL | | | |
| Line/grid (kilometres) | | | |
| Topographic/Photogrammetric (scale, area) | | | |
| Legal surveys (scale, area) | | | |
| Road, local access (kilometres)/trail | | | |
| Trench (metres) | hand trench soil samples | 526319 553124 | $134.34 |
| Underground dev. (metres) | | | |
| Other | *(0.5m x 0.5m x 0.5m) | | |
| | | TOTAL COST | $6375.11 |

# 2007 PROSPECTING, GEOCHEMICAL AND PHYSICAL WORK

ASSESSMENT REPORT FOR THE SPAPILEM CREEK PROPERTY

## MINERAL TENURE 526319 and 553124

(505.860 hectares and 505.658 hectares = 1011.518 hectares)

KAMLOOPS MINING DIVISION
BRITISH COLUMBIA

Latitude 51 deg 14' 40 N; and Longitude 119 deg 38' 51 W
Map Sheet: 082M022

GENERAL LOCATION: HEADWATERS OF SPAPILEM CREEK and UPPER JOHN CREEK.
West of Adams Lake, north of Johnson Lake, east of South Barriere Lake
Approximately 80 kilometres northeast of Kamloops, British Columbia, Canada

September 30, 2007

PREPARED BY:

**David J. Piggin, R.P.F.**
PROSPECTOR, OWNER, & OPERATOR
Free Miner 140689

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## SUMMARY

In summary, a 2007 grassroots exploration program was conducted on Tenure 526319 and 553124, by David J. Piggin the owner and operator, in the vicinity of Spapilem Creek and Upper John Creek with the Adams Plateau area 80 kilometres north east of Kamloops, British Columbia, Canada.

The Baldy Batholith, a Mid-Cretaceous granitic intrusion, is the predominant rock type and was found throughout both claims. The Eagle Bay Assemblege, a Devono-Mississippian meta-sediment, contacted the Baldy Batholith in the northern half of 553124.

A total of 1011 hectares was prospected and samples were collected for assay. A total of 16 moss mats, 21 stream sediment s, 2 soil samples, and 15 rock samples were collected and sent for assay at Eco Tech Laboratories Ltd. in Kamloops, British Columbia.

A number of significant anomalies were observed as follows:

- Moss Mat - SPMMGA with Zn 734 ppm.
- Moss Mat – SPMMHA with Zn 211 ppm.
- Moss Mat – SPMMXA with Au 180 ppb (same location as BCGS Open File 2000-23 Moss Mat 1140 ppb Au)
- Soil Sample – MSQTL1 with Au 75 ppb
- Quartz Vein – SPQZ3 with – Au 1.29 g/t, Bi 60 ppm, Fe >10%, Mo 10 ppm, Ti 0.15%,
- Massive magnitite in same vein as SPQZ3
    - - SPQZFE – Au 6.01 g/t, Bi 165 ppm, Fe > 10%, Mo 20 ppm, Ti 0.29%

It was concluded 526319 and 553124 were prospective for Au and Zn therefore, additional exploration work is planned for 2008.

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APPENDICIES: MAPS and SPREADSHEETS

# I - INTRODUCTION:

The purpose of this report is to provide a summary of the exploration work completed in 2007 by David J. Piggin owner of Mineral Tenure 526319 and 553124. The claims are located at Spapilem Creek and Upper John Creek just west of Adams Lake (Appendix A – Overview Map). The exploration area is located approximately 80 kilometres (km) north east of the City of Kamloops (pop. 80,000+), British Columbia, Canada.

The primary objectives of this 2007 exploration program were as follows:

(a) Confirm the published geological mapping within Tenure 526319 and 553124 in general terms.
(b) Locate and consider previous British Columbia Geological Survey (BCGS) data from open files, in particular a number of gold anomalies from moss mat and stream sediment samples.
(c) Locate or explain the source of various geochemical anomalies with respect to published pluton-intrusive gold related anomalies (e.g. moss mat - Au 1140 ppb).
(d) Prospect, collect, and report new data using grassroots and hand exploration techniques.

**LOCATION AND ACCESS:**

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. There is one access road into Mineral Tenure 526319 and it is via the Adams West Forest Service Road (FSR) and the Spapilem FSR.

Leaving Kamloops travel north on Highway 5 (paved) about 80 km to Louis Creek (just before the town of Barriere). At Louis Creek turn right onto the Agate Bay Public Road (paved). Drive east for 20 km on the Agate Bay Road then turn left (north) onto the Adams-West FSR (gravel: starting at 19.5 km sign). Then turn left at the 35 km sign onto the Spapilem FSR. Stay to the main travelled road and travel uphill until you reach the 12 km sign. Just past the 12 km sign you will be entering into the south boundary of Tenure 526319.

**PROPERTY STATUS:**

Tenure 526319 is made up of 25 units and totals 505.680 hectares (ha), and Tenure 553124 is made up of 25 units and is 505.658 hectares. The property is owned by David J. Piggin (100%) and is in good standing.

**PHYSIOGRAPHY AND CLIMATE:**

The property is located at in the headwaters of Spapilem Creek and Upper John Creek on the Adams Plateau within the Englemann Spruce Sub-Alpine Fir – Biogeoclimatic Zone and the Northern Wet-belt Transition Climatic Region (Lloyd et al 1990). The climate is continental with long cold winters and high snow cover as wells as short, cool summers. Most of the precipitation is in the form of snow. The snow reaches depths or 1 to 4 metres. During the growing season frosts are common and moisture deficits are uncommon.

In terms of elevation, within 526319, the highest areas are in the northwest corner, along the north boundary, in the northeast corner, and in the southwest corner. The central portion of the claim is relatively flat and is water receiving area. Elevation ranges from 1350 metres to 1650 metres.
Tenure 553124 is at the top of the height of land and ranges from 1400 metres to 1800 metres. The north side of the claim faces north and the south half of the claim faces south.

The property is tree covered and is extensively logged with numerous haul roads and skidder trails throughout. Some of the oldest logging roads are brushing in and have immature trees growing on them.

Tenure 526319 faces south and is relatively flat lying with gentle to moderate slopes. Near the south boundary of the claim there is a very steep drop off into Spapilem Creek, and in the west central part of the claim there is a large swamp complex which holds the main stream flow for Spapilem Creek

**LOCAL INFRASTRUCTURE:**

On the Adams West FSR has a power distribution line and telephone line as far as 40 km. This line provides utilities for local residents on Adams Lake, a logging camp at Brennan Creek (37 km), and an adjacent school. There is also a Thompson Nicola Regional District garbage pickup site at 37 km.

**HISTORY:**

The history of exploration in the area is not well known. There is evidence of old placer workings (Au) at the confluence of the Spapilem Creek and Adams Lake. Teck Corporation staked the headwaters of Spapilem Creek to cover a BCGS open file release (moss mat anomaly of Au 1140 ppb). Information on any work they completed is not available to the author.

## II – TECHNICAL DATA AND INTERPRETATION

### 2007 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 more detailed information consult the above references and additional references given in Literature Cited.

**PROPERTY GEOLOGY:**

The following is a brief summary of the geology on Tenure 526319:

This property is located near the contact between the Baldy Batholith Unit **[Kg]**, the Eagle Bay Assemblage Unit **[EB],** and also the Late Devonian Orthogneiss Unit **[Dgnp].** The Eagle Bay is Mississippian in origin, and the Baldy Batholith is Mid Cretaceous. The **Kg** is massive granite and granodiorite (80 to 100 Ma). The **Dgnp** is a granitic orthogniess, which outcrops on the northern and southeastern margins of the **Kg.**

The Eagle Bay Assemblege **[EB]** is a series of low-grade metasedimentary and metavolcanic rocks. The **EBQ** is one of the lowest EB layers, and is underlain by the **Dgn.** The **EBQ** is comprised of mainly micaceous quartzite, grit, phyllite and quartz mica schist, accompanied by minor amounts of chlorite schist, limestone, calcareous phyllite, calc-silicate schist and amphibolite.

Based on regional mapping and field observation of Tenure 526319 almost 100 percent of the claim is within the Baldy Batholith. At the margins of the property the EBQ is the predominant contact rock. The EBQ is about 600 metres north of the north boundary, and the EBQ is about 300 metres from the south boundary. The Dgnp is distal contact to the property.

Tenure 526319 is located approximately 20 km north east of two past producers the Samatosum Mountain (MINFILE 082M-244) and Homestake Mine (MINFILE 082M-025).

**BRITISH COLUMBIA GEOLOGICAL SURVEY DATA (BCGS):**

The BCGS has completed a number of regional geochemistry surveys (till, stream water, steam/moss sediment) which included the Spapilem Creek area, and they are as follows:

(a) *Till Geochemistry of the Adams Lake Plateau - North Barriere Lake Area (82M/4 & 5) – Open File 1997-9.* (Bobrowsky et. al. 1997).
(b) *Regional Stream Water Geochemistry of the Adams Lake – North Barriere Lake Area, British Columbia (NTS 82M/4 and 82M/5) – Open File 1998-9* (Lett, Sibbick, Runnells January 1999)
(c) *Stream Geochemical Exploration for Pluton-Related Quartz Vein Gold Deposits in Southern British Columbia - Open File 2000-23.* (Lett, Jackaman, Englund April 2000).

Anomalies identified in these three open file references, when considered together, were the basis for the 2007 exploration program. The most prominent anomaly was from Lett, Jackaman, Englund April 2000 which had a moss mat sample as follows:

82M/4; Stn 12; ID 998028; UTM 11.314740E.5679950N
Au 1140 ppb (INA); Fe 3.86 % (INA)

In Open File 2000-23, the authors recommend the Spapilem Creek area ("AREA A") as an anomalous area requiring further investigation, and that signatures suggest pluton-related mineralization source. They also indicated stream geochemistry of the Adams Lake area revealed the gold content of moss sediment is much higher than stream sediment collected at the same sample site.

In Open File 1999-9, the authors identify a gold anomaly just north of the till anomaly as follows:

82M/5; ID 969371; UTM 11.314578E.5680904N;
Au 30 ppb (INA)

**2007 EXPLORATION WORKS AND OBJECTIVES:**

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

Sample locations were marked with winter weight survey ribbon, and an aluminum tag or white Tyvek tag. In most circumstances the interval between sample locations was marked with "candy strip orange & black" survey ribbon, and each sample site was marked with florescent orange or florescent pink ribbon. In some cases hip chain was used between sample locations instead of survey ribbon.

A 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 at least 4 satellites were used for waypoints unless narrow gullies, ravines, and heavy timber made waypoint collection problematic.

Sample waypoints were named according to the following naming convention:

- Spapilem Creek location has a prefex of "SP__"
- Stream sediment sample waypoints – "_SS_" (i.e. SPSS__)
- Moss Mat sediment sample waypoints – "_MM_" (i.e. SPMM__)
- Soil or Till sample waypoints – "_TL_" (i.e. SPTL__)
- Float Rock sample waypoints – "_FT_ " (i.e. SPFT__)
- Rock sample waypoints – "_R_" (i.e. SPR__)
- Quartz Veins waypoints – "_QZ_" (i.e. SPQZ__)

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

**(B) Stream Sediment Surveys:**

Stream sediment surveys were collected using a clean plastic hand trowel, black plastic gold pan (40cm diameter), and kraft sample bags. Stream sediments were collected from the centre of the main stream channel. The trowel was used to dig the gravels and sand from the creek bed and the material was dumped into a clean plastic gold pan. Approximately 4.5 litres of gravel, sand, and silt were collected and lightly panned. Gravels were removed. 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. Samples were air dried in Kamloops prior to assay at Eco Tech Laboratories.

**(C) Moss Mat Surveys**

Moss mat samples were collected using methods recommended Open File 2000-23, and based on numerous personal communications with Ray Letts a co-author. Moss mats were collected by hand from the main stream channel. The moss was attached to rocks, logs, and stream banks. The moss material was placed tightly (in a dense mass) into white "cloth" linen-like bags. Approximately 4.0 – 5.0 litres of moss, sands, and silts were collected. Large gravels and sticks were removed. 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. Samples were air dried in Kamloops prior to assay at Eco Tech Laboratories.

**(D) Soil Sampling:**

In a number of cases, surface soils exposed in road cuts or skidder trails were observed to be altered in color. On a prospective basis, random soil sample was collected from the apparent altered soil. The soil was shoveled with a hand trowel and put in a kraft sample bag. Samples were air dried in Kamloops prior to assay at Eco Tech Laboratories.

**(E) Rock Samples:**

Rock samples were collected using a rock hammer or sledge hammer. The samples were broken to a suitable size and collected in plastic bags.

**(F) Assay Lab - Gold, Platinum, Palladium Geochemistry:** (Eco Tech Laboratories)

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to –10 mesh. The sample is split through a Jones riffle until a –250 gram sub sample is achieved. The sub sample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize.

A 15 g sample size is fire assayed using appropriate fluxes. The resultant dore bead is parted and then digested with aqua regia and then analyzed on a Perkin Elmer AA instrument for Gold and Palladium. Platinum is analyzed by ICP.

Appropriate standards and repeat sample (Quality Control Components) accompany the samples on the data sheet. (As per Echo Tech Laboratory documents)

**(G) Analytical Procedure Assessment Report:** (Eco Tech Laboratories)

Multi Element ICP Analysis - A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCl:HN03:H20) which contains beryllium which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit.
Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client. Detection limit data for ICP is as follows:

**Table 1: ICP Detection Limits.**

| Element | Low | Upper | Element | Low | Upper |
|---|---|---|---|---|---|
| Ag | 0.2 ppm | 30.0 ppm | Mo | 1 ppm | 10,000 ppm |
| Al | 0.01 % | 10.0 % | Na | 0.01 % | 10.00 % |
| As | 5 ppm | 10,000 ppm | Ni | 1 ppm | 10,000 ppm |
| Ba | 5 ppm | 10,000 ppm | P | 10 ppm | 10,000 ppm |
| Bi | 5 ppm | 10,000 ppm | Pb | 2 ppm | 10,000 ppm |
| Ca | 0.01 % | 10.00 % | Sb | 5 ppm | 10,000 ppm |
| Cd | 1 ppm | 10,000 ppm | Sn | 20 ppm | 10,000 ppm |
| Co | 1 ppm | 10,000 ppm | Sr | 1 ppm | 10,000 ppm |
| Cr | 1 ppm | 10,000 ppm | Ti | 0.01 % | 10.00 % |
| Cu | 1 ppm | 10,000 ppm | U | 10 ppm | 10,000 ppm |
| Fe | 0.01 % | 10.00 % | V | 1 ppm | 10,000 ppm |
| La | 10 ppm | 10,000 ppm | Y | 1 ppm | 10,000 ppm |
| Mg | 0.01 % | 10.00 % | Zn | 1 ppm | 10,000 ppm |
| Mn | 1 ppm | 10,000 ppm | | | |

**(H) Exploration and Analytical Results:**

In overview, an estimated 1010 hectares was prospected for Au, Ag, Cu, and Zn. Prospecting was involved stream surveys, outcrop sampling, till float sampling, small hand trenches in altered soils, channel sampling and compass traversing in highly deformed terrain. The majority of the work involved stream sediment and moss mat surveys.

A total of 16 moss mats and 21 stream sediment samples were collected from streams within the claim area. At each or the 16 moss mat sites a stream sediment samples was also collected therefore, the attached maps indicate a moss mat and a stream sediment sample was collected at the same location. A total of 3 moss mats and 3 stream sediment samples are currently being assayed and a follow-up report will be provided.

In essence, the writer would walk up the centre of the stream breaking stream float rocks, and systematically or randomly collecting samples. At each site a moss mat and a stream sediment sample was collected. In one case a hand sample of stream quartz was assayed with a nil result.

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.

A total of 2 till samples were collected and small hand trenches were dug (0.5m x 0.5 m x 0.5m) in the vicinity of till sites. A total 15 rock samples were collected and assayed. Ten additional rock samples were taken and not assayed.

Relative to the primary exploration objectives outlined in the introduction, the following works were completed. Please, refer to the maps and assay certificates included in the Appendices for detailed information.

1. Based on field observations along the road cut banks and during compass traverses/stream/moss sampling, the Baldy Batholith is the primary feature within Tenure 526319. The Baldy Batholith at this location is described as "*medium to coarse grained, pink potassium feldspar megacrystic biotite monzogranite, horneblende-biotite monzodiroite and coarse pegmatitie segregations*" (Logan and Mann April 2000). The unit is mapped as "*mg*" and the age of the rock is unknown although the Baldy Batholith is generally considered Mid-Cretaceous and the area near Spapilem Creek may be a Jurassic phase.

   Based on road side observations, the Eagle Bay Assemblege is located about 300 metres south of the south boundary of 526319, and about 600 metres north of the north boundary. In Open File 2000-7, this rock type is mapped as "*HCEBH*" and is described as "*light to medium grey and greenish grey quartzite, grit and chlorite-sericite-quartz schist; minor amounts of pebble conglomerate, medium to dark grey phyllite and limestone; minor amounts of rusty weathering dolomitic sericite-chlorite schist (meatuff?)*".

   Tenure 553124 is split general in half by the contact between the Kg and the EB. The EB is on the north half and the Kg is on the south half.

2. The anomalous moss mat sample#99028 – Au 1140 ppb (82M4 St'n 12) identified in Open File 2000 23 was located and a new sample collected to confirm the anomalous gold values from the British Columbia Geological Survey (BCGS). Sample E125401 SPMMXA (repeat) returned a value of 180 ppb gold. Further prospecting and sampling will be required to explain the anomaly.

3. A prospective zinc anomaly was discovered in the northeast corner of the claims. Moss Mat sample E125411 SPMMGA returned 734 ppm Zn, and sample E125412 SPMMHA returned 211 pppm Zn and 15 ppp Au. The source of this anomaly is unexplained.

4. In the northwest corner of 526319 there is a prospective moss mat Cu Pb (As) anomaly which requires further investigation to determine the source. It is unclear if this anomaly is related to the Zn anomaly in the northeast corner of the claim. Further stream sampling is required in the north central part of the claims between these two areas.

5. A number of stream sediment samples returned anomalous Bi and Pb anomalies. Future explorations should consider the importance of these Bi Pb anomalies to the potential for mineralization. For example, bismuth is an important feature of the CAMGLORIA MINFILE occurance (082M-266, BC Assessment Report 26,216), which is just east is of Spapilem Creek. The

CAMGLORIA is an intrusive gold occurrence in large quartz vein with a megacrystic monzonite host.

6. In the centre of 553124, a till sample MSQTL1 was collected in the cut bank of a skidder trail. The soil was altered and had a red tinge as well as some quartz float. This till sample returned a gold value of 75 ppb, Bi 25 ppm, Mo 2 ppm, Pb 56 ppm. Additional grassroots exploration is required in this area.

7. South of MSQTL1 in the centre of 553124 a quartz/magnetite vein was observed a long a road cut. The magnetite was massive although some stringers of magnetite were observed in the quartz vein. The magnetite may form a vein on the footwall of the quartz vein.
   The quartz vein was up to 25 cm wide and was sampled separately from the magnetite which was massive by nature. A significant gold anomaly was discovered as follows:

   **E125437 SPQZ3 – Au 1.29 g/t, Bi 60 ppm, Fe >10%, Mo 10 ppm, Ti 0.15%,**
   **E124440 SPQZFE – Au 6.01 g/t, Bi 165 ppm, Fe > 10%, Mo 20 ppm, Ti 0.29%**

8. Numerous float rocks in soil, till or streams were broken and checked for mineralization. A few samples were assayed with no significant assay results. A total of 4 small incidental hand trenches were dug (0.5m x 0.5m x0.5m) in iron carbonate altered soils near with a nil result.

## III – Conclusions and Recommendations:

As a result of the 2007 exploration work the following conclusions and recommendations were made.

1. The British Columbia Geological Survey Open File reports are extremely useful for prospecting the Spapilem Creek area. There is a wealth of geological, geochemical, sampling, and exploration information in the till, stream chemistry, moss mat, and stream sediment data.
2. The anomalous moss mat sample#99028 – Au 1140 ppb (82M4 St'n 12) identified in Open File 2000-23 indicates this area is prospective for gold. Sample E125401 SPMMXA (repeat) returned 180 ppb Au therefore, further surveys are required to determine the source of the gold anomaly. This could be placer gold or possibly intrusive related.
3. A new Zn anomaly was discovered in two moss mats in the north east corner of the claims. These two samples are 90 metres apart in separate water courses. The sample numbers were E125411 SPMMGA with 734 ppm Zn, and sample E125412 SPMMHA with 211 pppm Zn and 15 ppp Au. This Zn anomaly requires further sampling to identify the source of the Zn.
4. A significant gold anomaly was located in a quartz vein on a road cut in 553124. The discovery appears to associated with magnetite as the best gold values were observed in massive magnetite.

   **E125437 SPQZ3 – Au 1.29 g/t, Bi 60 ppm, Fe >10%, Mo 10 ppm, Ti 0.15%,**
   **E124440 SPQZFE – Au 6.01 g/t, Bi 165 ppm, Fe > 10%, Mo 20 ppm, Ti 0.29%**

   This discovery requires further sampling and exploration.

## List of Literature Cited


Bobrowsky, P., Leboe, E., Sixon-Warren, A., Ledwon, A., MacDougall, D., and Sibbick, S. 1997: Till Geochemistry of the Adams Plateau-North Barriere Lake area (82M/4 and 5). B.C. Ministry of Employment and Investment. Open File 1997-9.

Cathro, M., and Lefebure, D. 1999: Several New Plutonic-related Gold, Bismuth Tungsten Occurrences in southern British Columbia. Geological Fieldwork 1999, p. 207-211. B.C. Ministry of Energy and Mines. Paper 2000-1

Dixon-Warren, A., Bobrowsky, P., Leboe, E., and Ledwon, A. 1997b: Terrain geology map of the Adams Plateau area, NTS 82 M/4, scale 1:50 000; B.C. Ministry of Employment and Investment, Open File 1997-7.

Evans, G., Dec 1999. Teck Corp: 1999 Geological & Geophysical & Geochemical & Diamond Drilling - Report on the Cam Gloria Property, Kamloops Mining Division, British Columbia. Geological Survey Branch, BC Assessment Report 26,216.

Leboe, E., Bobrowsky, P., Dixon-Warren, A. and Ledwon, A. 1997: Terrain geology map of the North Barriere Lake area NTS 82 M/5, scale 1:50 000; B.C. Ministry of Employment and Investment, Open File 1997-6.

Lett, R., Jackaman, W., Englund, L. April 2000: Stream Geochemical Exploration for Pluton-Related Quartz-Vein Gold Deposits in Southern British Columbia, NTS 82M/4, 5, 6; 92P/8; 82F7. B.C. Ministry of Energy and Mines, Open File 2000-23.

Lett, R., Sibbick, S., Runnels, J. January 1999: Regional stream water geochemistry of the Adams Lake-North Barriere Lake area, British Columbia (NTS 82M/4 and 82M/5). B.C. Ministry of Energy and Mines, Open File 1998-9.

Lloyd, D., Angove, G., Hope, G., and Thompson, C., 1990. A guide to site identification and interpretation for the Kamloops Forest Region. B.C. Ministry of Forests, Research Branch, Victoria, B.C. Land Management Handbook No. 23.

Logan, J., Mann, R. April 2000: 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. Open File 2000-7.

Schiarizza, P. and Preto, V. (1987): Geology of the Adams Plateau-Clearwater-Vavenby Area; B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1987-2.

# AUTHORS QUALIFICATIONS

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

- Director and Member of the Kamloops Exploration Group (KEG).
- Plan and participate in all the KEG meetings in Kamloops since 1997.
- Attend the Cordilleran Roundup and maintain a prospector's booth most years.
- KEG Prospectors Course (University College of the Cariboo) in 1997.
- Attended numerous KEG short courses trips for prospecting, geochemistry, (basic) geophysics, mineralization, ore bodies, and formations such as the Nicola Volcanics.
- Attended numerous KEG field trips to Afton (Abacus), New Gold Inc (underground), Gibraltar, Mount Polley, Highland Valley Copper, Samatosum, and etc.
- Conducted numerous "one on one" field tours of properties with company geologists, and government geologists.
- Completed Prospectors Assistance Grant #98/99 P94.
- Completed contract staking for mining companies.
- Completed contracts for over 75 line kilometers of soil surveys for mining companies.
- Collected 2000+ of soil samples.
- Collected and assayed 100+ soil samples.
- Collected and assayed 100+ moss mats and stream sediments samples.
- Collected and assayed hundreds of rock samples.
- Completed courses in Forest Hydrology, Forest Soils, Forest Ecology, Statistics, and Mensuration.
- Project Management Courses and business processes.
- Budgeted and implemented up to $ 1.2 million per year of forestry related contracts.
- Contracted and supervised professionals working to a scientific standard.
- Registered Professional Forester (2412.)

## Software Programs 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 2007: EXCEL and WORD
2. Internet Explorer (version 6).
3. Mineral Tenures Online mapping software.
4. ARIS MapBuilder
5. Arcview 3.2a
6. Trackmaker version 13.1 (freeware) for GPS download.
7. Garmin 12XL – Global Positioning Unit.
8. Kodak Digital Camera.
9. Stone Blaze, belt chain, surveying tool.
10. Hand held Ranger Silva Compass, Azimuth.
11. Clinometer, Sunnto, (degrees, percent).
12. Survey ribbon (various colours), metal tags, and tyvek tags.
13. Rock hammer, and various sledge hammers, shovels, and trowels.
14. Gold pan, black for collecting sediment samples prior to bagging.
15. Samples collected with plastic bags (rock), stream sediments (kraft bags), moss mats (linen bags).
16. 2 Trapper Nelson pack boards with sacks.
17. Ford, F150 4x4 pickup, with canopy
18. Shindawa powersaw
19. 2 hand tank pumps (fire) and fire extinguishers for fire prevention
20. First aid kit for safety.

# 526319 553124 Claim Map Overview Roads

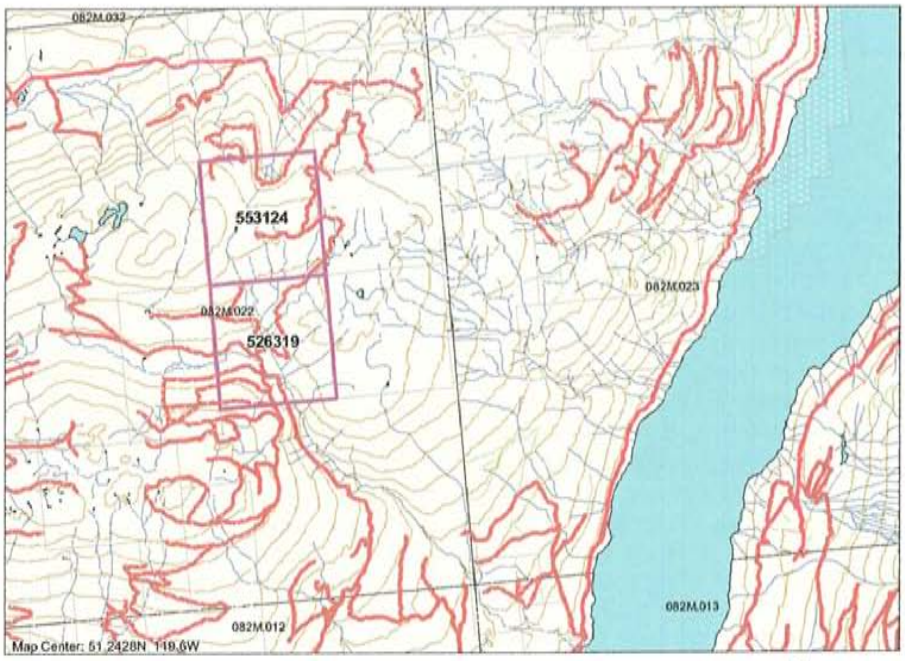
**Mineral Titles Layers**

- My Property Tenure
- All Mineral Tenures

**Topographic Layers**

- Railways 1:20K
- Roads 1:20K
  - Gravel Road
  - Paved Road
  - Rough Road
- Roads 1:20K undefined
- Contours with Labels 1:20K (<50K)
- Lakes 1:20K
- Rivers 1:20K

**Grid Layers**



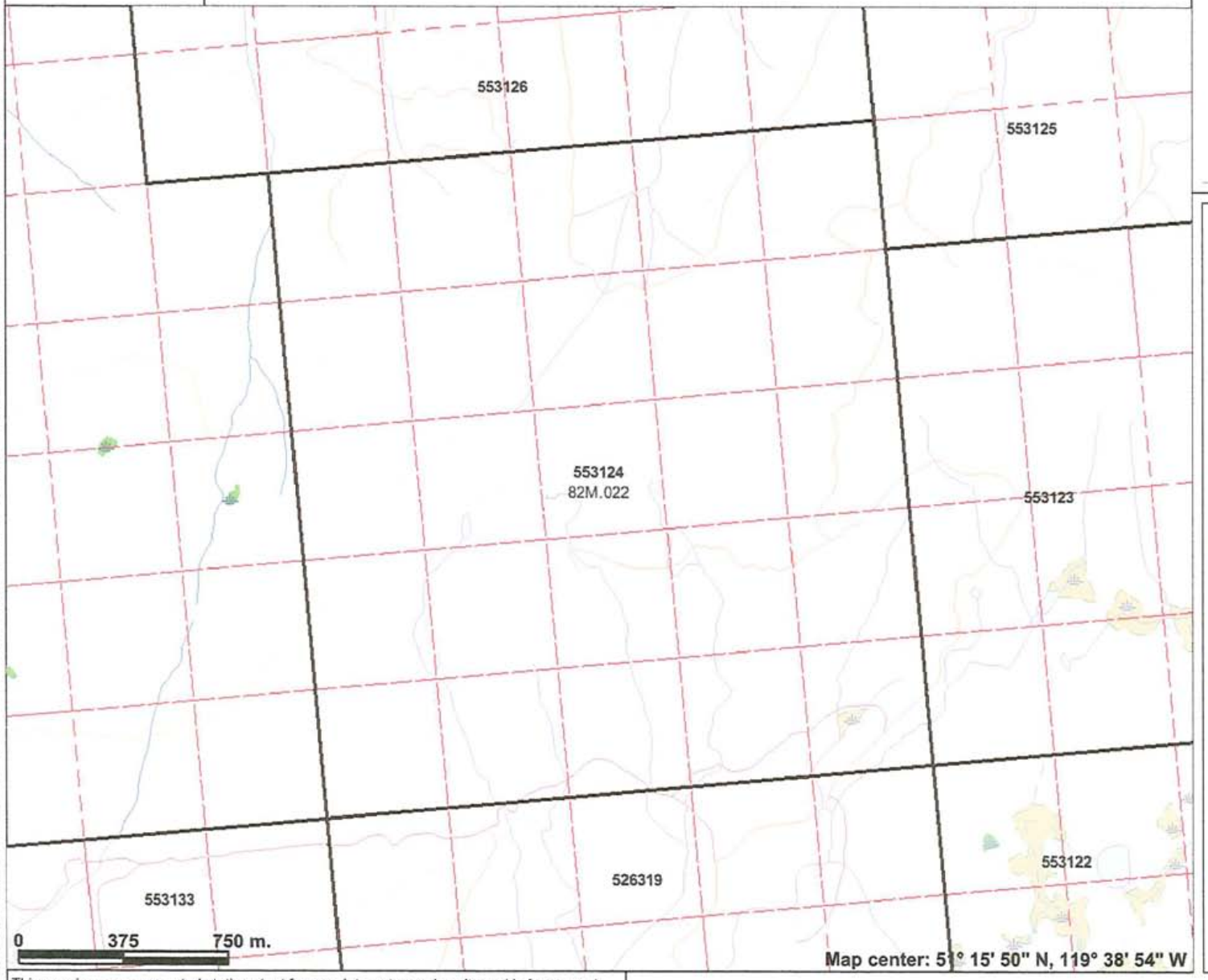

SCALE 1 : 138,177

2 0 2 4 6

MILES

N

# 553124 Claim Map





## Legend

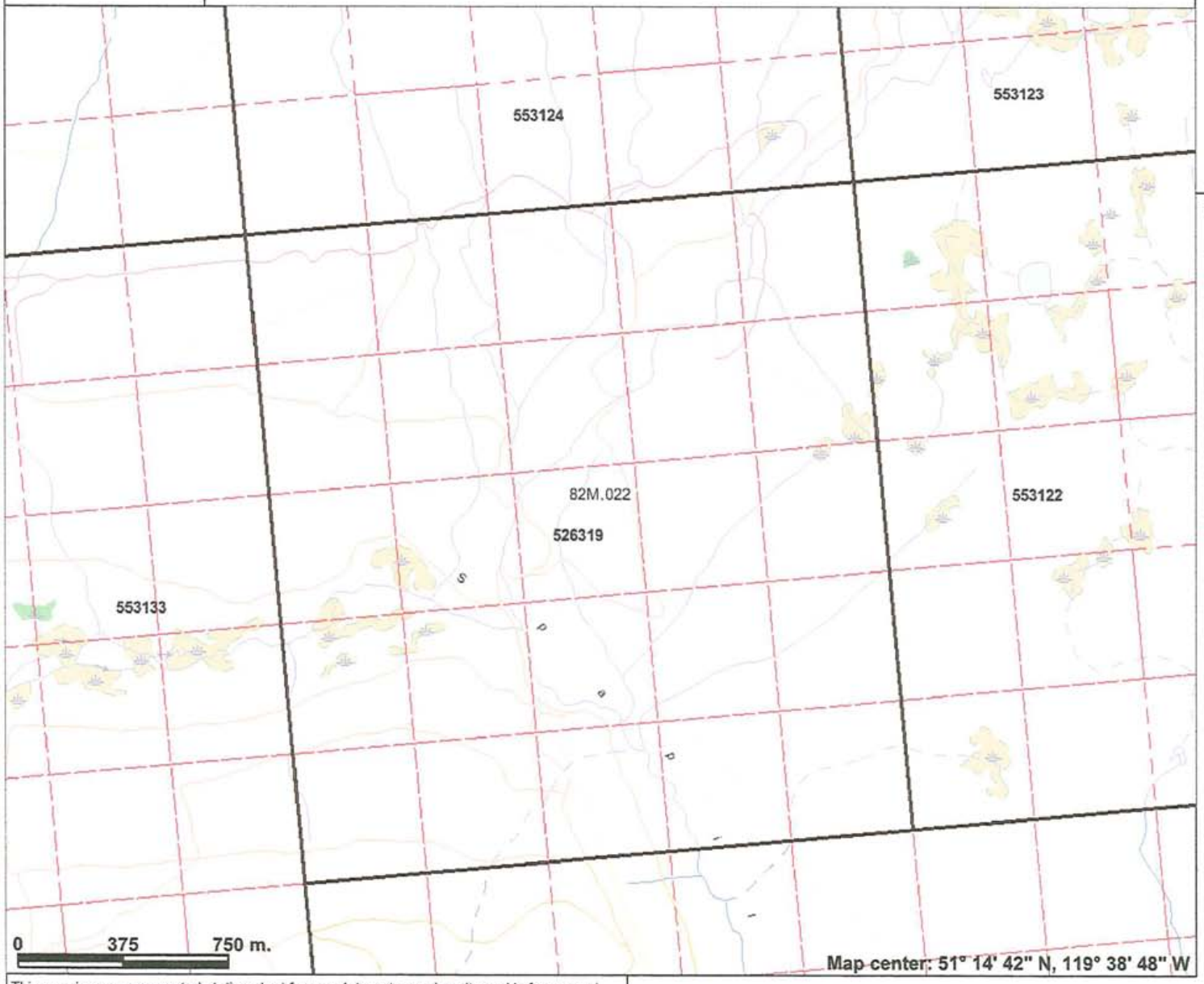
- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid (LRDW)
- Mineral Tenures (Mineral - LRDW)
- Mineral Claim
- Mineral Lease
- Reserves (Mineral - LRDW Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Division (MTO)
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip

N

Scale: 1:21,272

Map center: 51° 15' 50" N, 119° 38' 54" W

# 526319 Claim Map





## Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid (LRDW)
- Mineral Tenures (Mineral - LRDW)
- Mineral Claim
- Mineral Lease
- Reserves (Mineral - LRDW Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Division (MTO)
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip

N

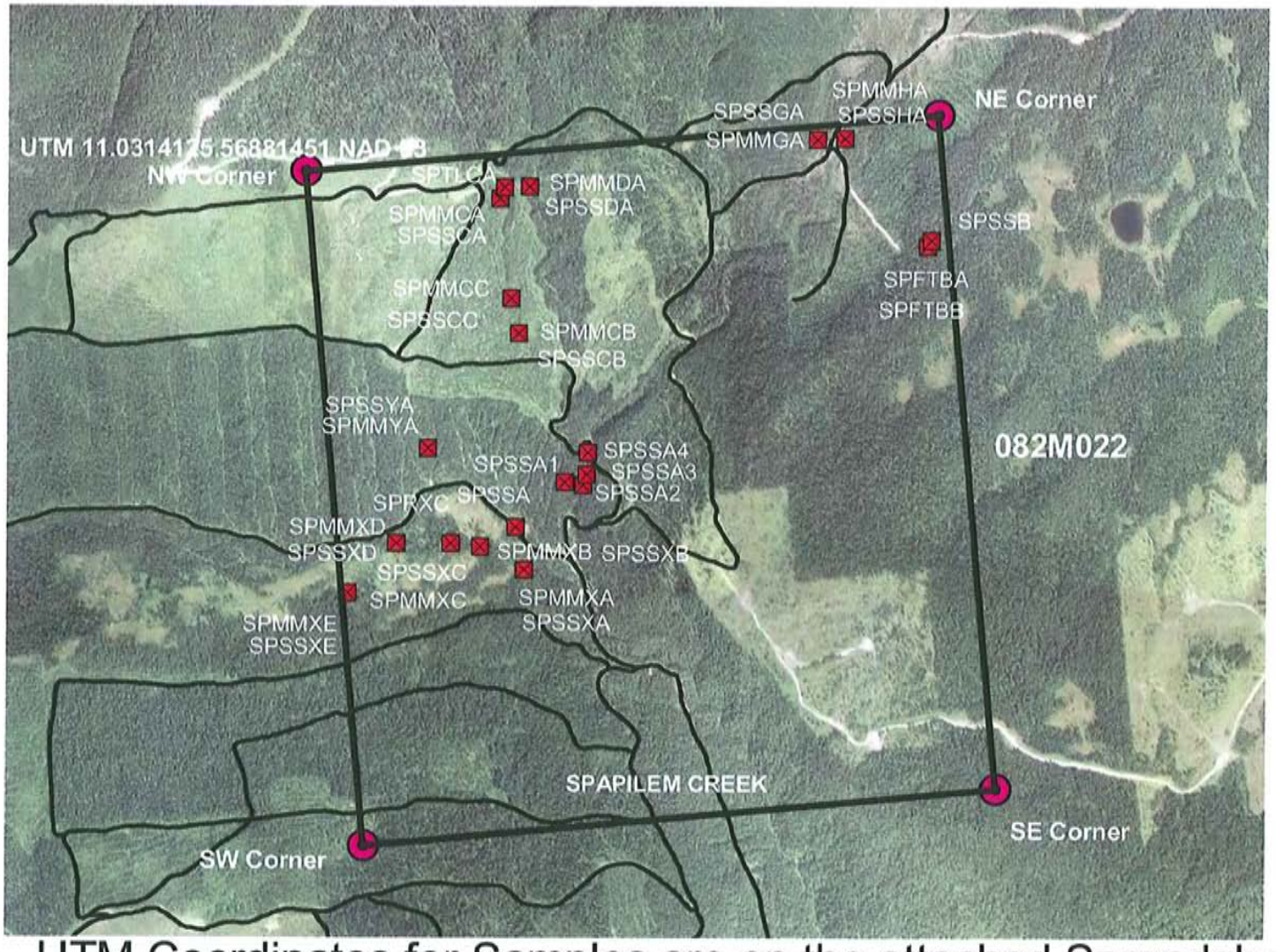
Scale: 1:21,272

| Tenure 526319: GPS Coordinates for Sample Locations and File Key to Assay Certificates | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Moss Mat = MM | | Stream Sediment = SS | | | | | |
| Claim | Zone | easterly | northerly | Elev (m) | Comment | AssayFile | Sample Type | Sample_Tag | Waypoint |
| | | | | | | | | | |
| 526319 | 11 | 314093.061 | 5680001.029 | | same spssxe | AK7-0889i.xls | MM | E125405 SPMMXE | SPMMXE |
| 526319 | 11 | 314093.061 | 5680001.029 | | same spmmxe | AK7-0890i.xls | SS | E125410 SPSSXE | SPSSXE |
| 526319 | 11 | 314276.446 | 5680147.864 | | same spmmxd | AK7-0889i.xls | MM | E125404 SPMMXD | SPMMXD |
| 526319 | 11 | 314276.446 | 5680147.864 | | same spmmxd | AK7-0890i.xls | SS | E125409 SPSSXD | SPSSXD |
| 526319 | 11 | 314423.752 | 5680457.856 | | same spssya | AK7-0889i.xls | MM | E125415 SPMMYA | SPMMYA |
| 526319 | 11 | 314423.752 | 5680457.856 | | spmmya | AK7-0890i.xls | SS | E125416 SPSSYA | SPSSYA |
| 526319 | 11 | 314463.421 | 5680124.967 | | same spssxc | AK7-0889i.xls | MM | E125403 SPMMXC | SPMMXC |
| 526319 | 11 | 314463.421 | 5680124.967 | | | AK7-1128i.xls | Rock | E125434 SPRXC | SPRXC |
| 526319 | 11 | 314463.421 | 5680124.967 | | same spmmxc | AK7-0890i.xls | SS | E125408 SPSSXC | SPSSXC |
| 526319 | 11 | 314562.996 | 5680100.460 | 1462 | same spssxb | AK7-0889i.xls | MM | E125402 SPMMXB | SPMMXB |
| 526319 | 11 | 314562.996 | 5680100.460 | 1462 | spmmxb | AK7-0890i.xls | SS | E125407 SPSSXB | SPSSXB |
| 526319 | 11 | 314691.229 | 5680153.154 | | | AK7-0699i.xls | *SS Rep:* | 06399 SPSSA | SPSSA |
| 536319 | 11 | 314691.229 | 5680153.154 | | | AK7-0699i.xls | SS | 06399 SPSSA | SPSSA |
| 526319 | 11 | 314703.455 | 5680004.007 | | same spssxa | AK7-0889i.xls | MM | E125401 SPMMXA | SPMMXA |
| 526319 | 11 | 314703.455 | 5680004.007 | | same spssxa | AK7-0889i.xls | *MM Rep:* | E125401 SPMMXA | SPMMXA |
| 526319 | 11 | 314703.455 | 5680004.007 | | same as spmmxa | AK7-0890i.xls | SS | E125406 SPSSXA | SPSSXA |
| 526319 | 11 | 314703.455 | 5680004.007 | | same as spmmxa | AK7-0890i.xls | *SS Rep:* | E125406 SPSSXA | SPSSXA |
| 526319 | 11 | 314771.844 | 5680931.390 | | same spsscc | AK7-0889i.xls | MM | E125423 SPMMCC | SPMMCC |
| 526319 | 11 | 314771.844 | 5680931.390 | | spmmcc | AK7-0890i.xls | SS | E125424 SPSSCC | SPSSCC |
| 526319 | 11 | 314772.683 | 5681275.950 | 1608 | same as SPSSCA | AK7-0889i.xls | MM | E125419 SPMMCA | SPMMCA |
| 526319 | 11 | 314772.683 | 5681275.950 | 1608 | same as SPSSCA | AK7-0889i.xls | *MM Rep:* | E125419 SPMMCA | SPMMCA |
| 526319 | 11 | 314772.683 | 5681275.950 | 1608 | same as SPMMCA | AK7-0890i.xls | SS | E125420 SPSSCA | SPSSCA |
| 526319 | 11 | 314772.683 | 5681275.950 | 1608 | same as SPMMCA | AK7-0890i.xls | *SS Rep:* | E125420 SPSSCA | SPSSCA |
| 526319 | 11 | 314782.835 | 5680810.356 | 1550 | same as SPSSCB | AK7-0889i.xls | MM | E125421 SPMMCB | SPMMCB |
| 526319 | 11 | 314782.835 | 5680810.356 | 1550 | same as spmmcb | AK7-0890i.xls | SS | E125422 SPSSCB | SPSSCB |
| 526319 | 11 | 314794.627 | 5681312.781 | 1608 | 30 m East of SPSSCA | AK7-0891i.xls | soil | 06346 SPTLCA | SPTLCA |
| 526319 | 11 | 314794.627 | 5681312.781 | 1608 | 30 m East of SPSSCA | AK7-0891i.xls | *Soil Rep:* | 06346 SPTLCA | SPTLCA |
| 526319 | 11 | 314878.832 | 5680282.537 | | SPPA and 0 + 50 m | AK7-0890i.xls | SS | 06342 SPSSA1 | SPSSA1 |
| 526319 | 11 | 314878.832 | 5680282.537 | | SPPA and 0 + 50 m | AK7-0699i.xls | SS | 06400 SPSSA1 | SPSSA1 |
| 526319 | 11 | 314880.539 | 5681304.898 | | same as SPSSDA | AK7-0889i.xls | MM | E125417 SPMMDA | SPMMDA |
| 526319 | 11 | 314880.539 | 5681304.898 | | same as SPMMDA | AK7-0890i.xls | SS | E125418 SPSSDA | SPSSDA |
| 526319 | 11 | 314940.502 | 5680267.171 | | SPPA and 0 + 100 m | AK7-0890i.xls | SS | 06343 SPSSA2 | SPSSA2 |
| 526319 | 11 | 314956.308 | 5680300.044 | | SPPA and 0 + 150 m | AK7-0890i.xls | SS | 06344 SPSSA3 | SPSSA3 |
| 526319 | 11 | 314969.086 | 5680373.637 | | SPPA and 0 + 200 m | AK7-0890i.xls | SS | 06345 SPSSA4 | SPSSA4 |
| 526319 | 11 | 315882.840 | 5681341.038 | 1596 | same spssga | AK7-0889i.xls | MM | E125411 SPMMGA | SPMMGA |
| 526319 | 11 | 315882.840 | 5681341.038 | 1596 | same spmmga | AK7-0890i.xls | SS | E125412 SPSSGA | SPSSGA |
| 526319 | 11 | 315976.612 | 5681332.891 | 1579 | same spssha | AK7-0889i.xls | MM | E125413 SPMMHA | SPMMHA |
| 526319 | 11 | 315976.612 | 5681332.891 | 1579 | same spmmha | AK7-0890i.xls | SS | E125414 SPSSHA | SPSSHA |
| 526319 | 11 | 316213.984 | 5680929.620 | 1604 | quartz in granite | AK7-1142i.xls | ROCK | E125442 SPFTBA | SPFTBA |
| 526319 | 11 | 316213.984 | 5680929.620 | 1604 | quartz in granite | AK7-1142i.xls | ROCK | E125443 SPFTBB | SPFTBB |
| 526319 | 11 | 316229.662 | 5680948.765 | 1608 | near rusty granite | AK7-0890i.xls | SS | 06348 SPSSB | SPSSB |

| Tenure 553124: GPS Coordinates for Sample Locations and File Key to Assay Certificates | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MM = MM | | SSiment = SS | | | | | |
| Claim | Zone | easterly | northerly | Elev (m) | Comment | AssayFile | Sample Type | Sample_Tag | Waypoint |
| | | | | | | | | | |
| | | | | | | | | | |
| 553124 | 11 | 315731.144 | 5682895.046 | | | AK7-1128i.xls | ***Rk Rep*** | E125429 MSQ2 | MSQ2 |
| 553124 | 11 | 315095.080 | 5682928.727 | | | AK7-0889i.xls | MM | E125425 MSQMMA | MSQMMA |
| 553124 | 11 | 314534.707 | 5681969.564 | | to be assayed | TBA | MM | E125444 | SPMMCG |
| 553124 | 11 | 314623.862 | 5681844.505 | | to be assayed | TBA | MM | E125446 | SPMMCH |
| 553124 | 11 | 314967.262 | 5681692.938 | | to be assayed | TBA | MM | E125448 | SPMMDG |
| 553124 | 11 | 315751.714 | 5682904.459 | | | AK7-1128i.xls | Rock | E125435 MSQ1 | MSQ1 |
| 553124 | 11 | 315731.144 | 5682895.046 | | | AK7-1128i.xls | Rock | E125429 MSQ2 | MSQ2 |
| 553124 | 11 | 315684.769 | 5682897.313 | | | AK7-1128i.xls | Rock | E125430 MSQ3 | MSQ3 |
| 553124 | 11 | 315693.636 | 5682175.569 | | magnetite, alter.zone | AK7-1142i.xls | ROCK | E125439 SPA1 | SPA1 |
| 553124 | 11 | 314076.851 | 5681506.599 | | float in road cut, green | AK7-1142i.xls | ROCK | E125441 SPFT1 | SPFT1 |
| 553124 | 11 | 315693.636 | 5682175.569 | | magnetite quartz vein | AK7-1142i.xls | ROCK | E125436 SPQZ1 | SPQZ1 |
| 553124 | 11 | 315693.636 | 5682175.569 | | magnetite quartz vein | AK7-1142i.xls | ROCK | E125438 SPQZ2 | SPQZ2 |
| 553124 | 11 | 315693.636 | 5682175.569 | | magnetite quartz vein | AK7-1142i.xls | ROCK | E125437 SPQZ3 | SPQZ3 |
| 553124 | 11 | 315693.636 | 5682175.569 | | magnetite quartz vein | AK7-1142i.xls | ROCK | E125440 SPQZFE | SPQZFE |
| 553124 | 11 | 316297.177 | 5682392.167 | | | AK7-1128i.xls | Rock | E125431 SPRUST | SPRUST |
| 553124 | 11 | 316297.177 | 5682392.167 | | | AK7-1128i.xls | Rock | E125432 SPRUST1 | SPRUST1 |
| 553124 | 11 | 315693.636 | 5682175.569 | | magnetite quartz vein | AK7-1142i.xls | *Rk Rep* | E125436 SPQZ1 | SPQZ1 |
| 553124 | 11 | 315731.144 | 5682895.046 | | | AK7-1128i.xls | *Rk Resp* | E125429 MSQ2 | MSQ2 |
| 553124 | 11 | 315693.636 | 5682175.569 | | magnetite quartz vein | AK7-1142i.xls | *Rk Resp* | E125436 SPQZ1 | SPQZ1 |
| 553124 | 11 | 315566.428 | 5682846.631 | | | AK7-0891i.xls | soil | 06347 MSQTL1 | MSQTL1 |
| 553124 | 11 | 315095.080 | 5682928.727 | | | AK7-0890i.xls | SS | E125426 MSQSSA | MSQSSA |
| 553124 | 11 | 314534.707 | 5681969.564 | | to be assayed | TBA | SS | E125445 | SPSSCG |
| 553124 | 11 | 314623.862 | 5681844.505 | | to be assayed | TBA | SS | E125447 | SPSSCH |
| 553124 | 11 | 314967.262 | 5681692.938 | | to be assayed | TBA | SS | E125449 | SPSSDG |
| 553124 | 11 | 315624.661 | 5682237.175 | | float in road cut | AK7-1128i.xls | Rock | E125433 SPWHIT | SPWHIT |

# Tenure # 526319 Sample Locations
# Spapilem Creek, near Adams Lake

David J. Piggin, # 140689




UTM Coordinates for Samples are on the attached Spreadsheet

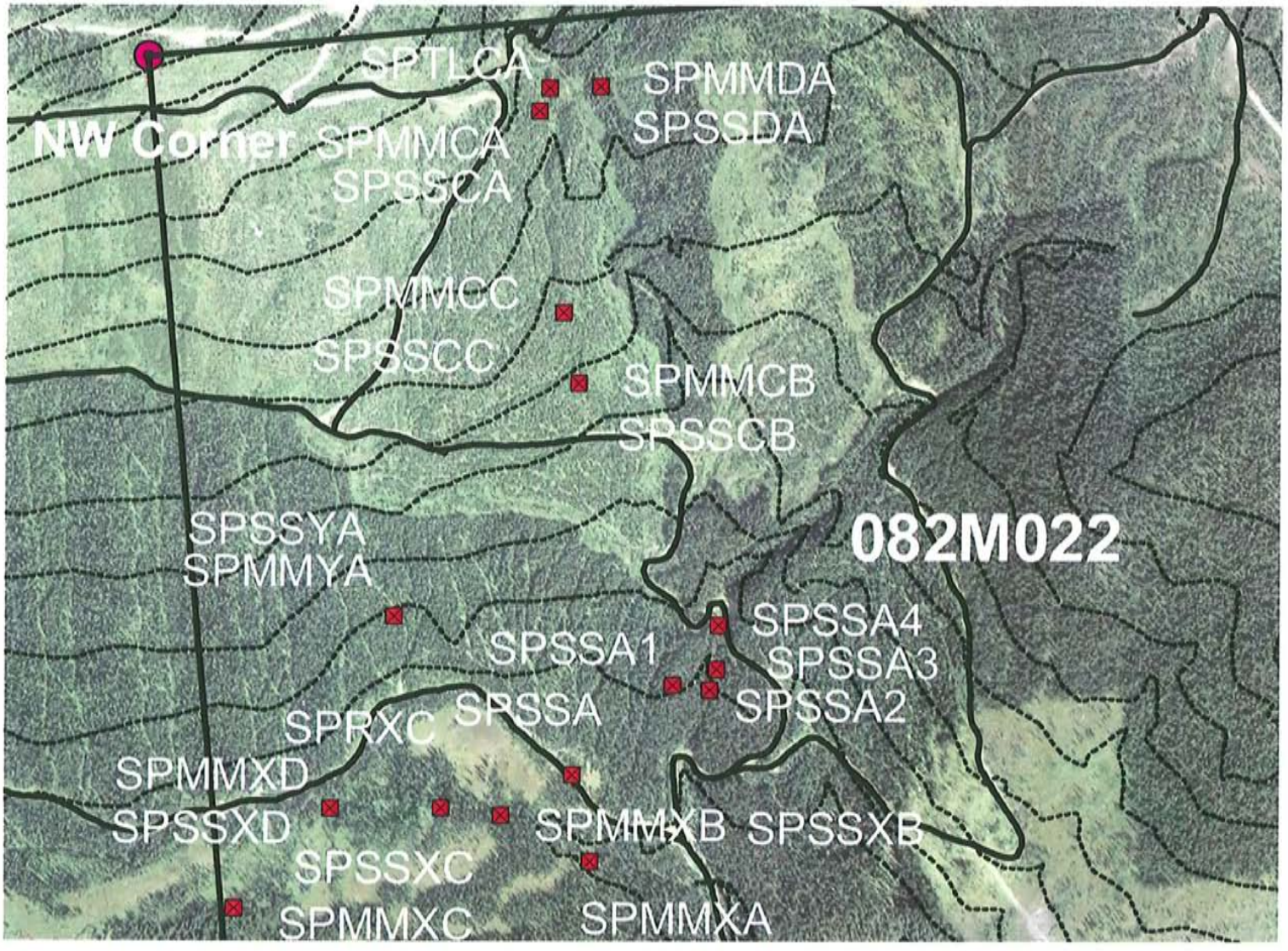
**Tenure # 526319**
**Sample Location & Waypoint**
**Corners of Tenure 526319**
**Logging Roads**

N

1:20,000

# 526319 Detailed Sample Locations
# Spapilem Creek, near Adams Lake

David J. Piggin, # 140689




UTM Coordinates for Samples on attached Spreadsheet

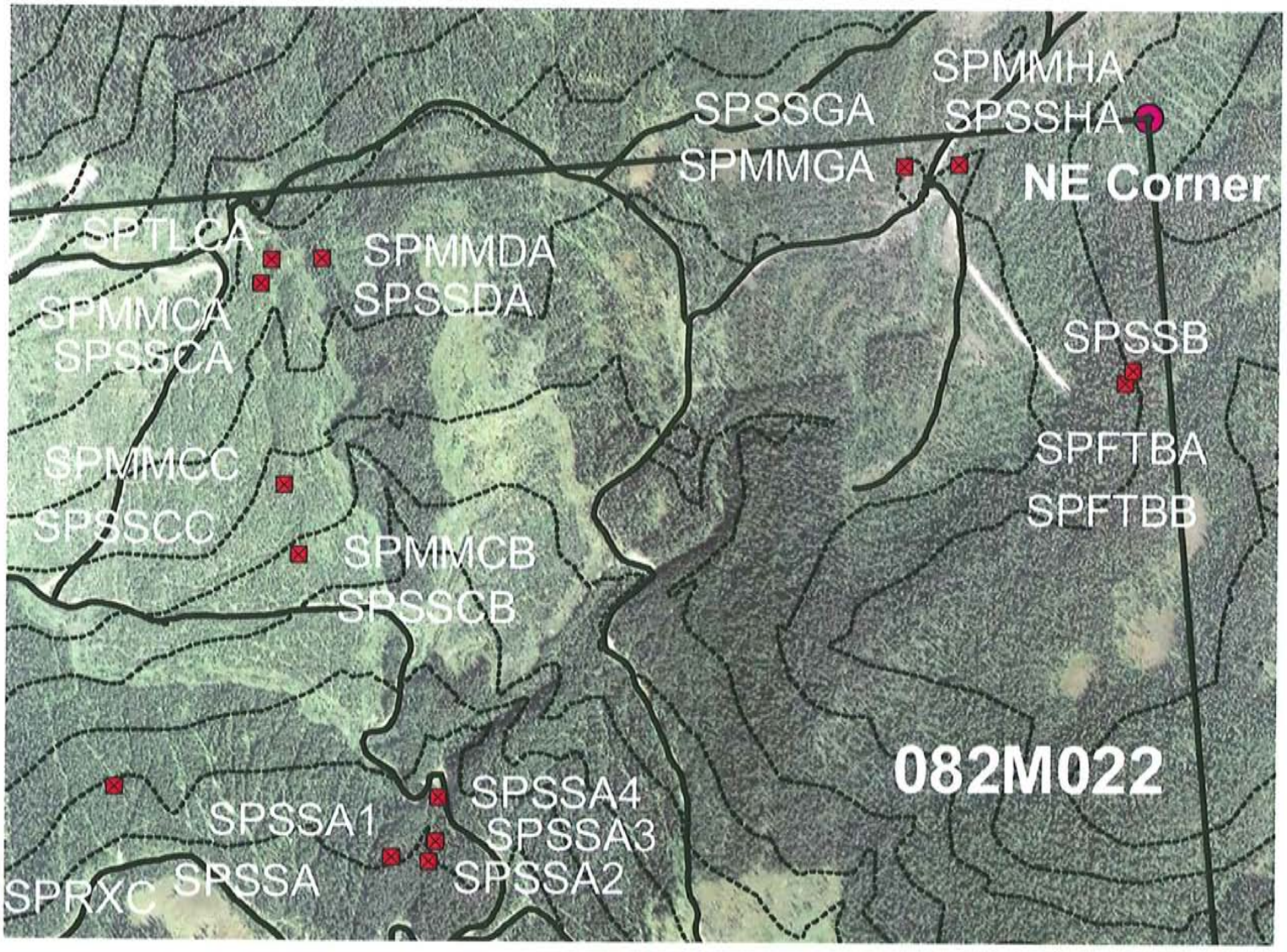
Tenure # 526319
Sample Location & Waypoint
Corners of Tenure 526319
Contours 20 metre interval
Logging Roads

N

1:10,000

# 526319 Detailed Sample Locations
# Spapilem Creek, near Adams Lake

David J. Piggin, # 140689




UTM Coordinates for Samples on attached Spreadsheet

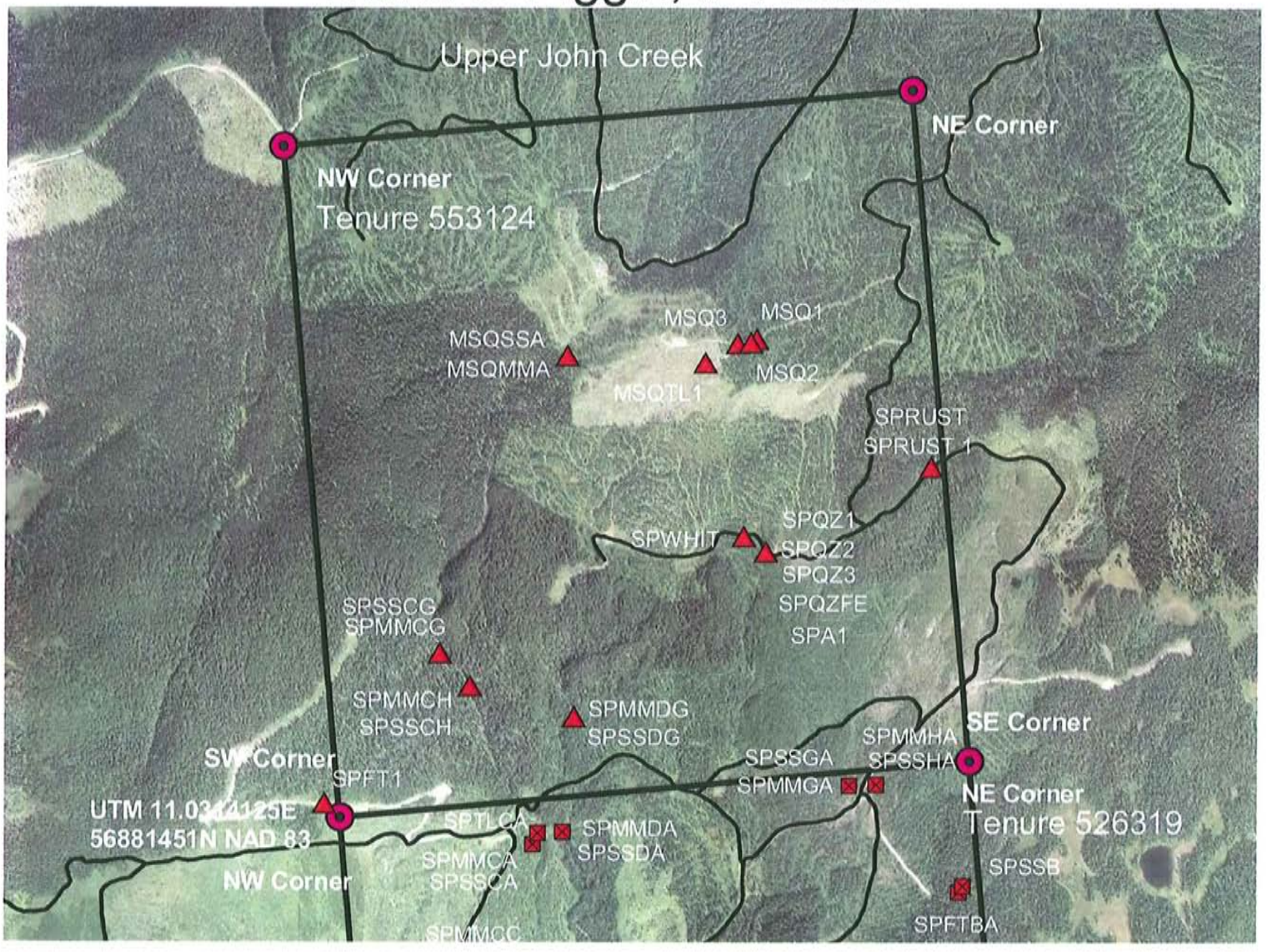
Tenure # 526319
Sample Location & Waypoint
Corners of Tenure 526319
Contours 20 metre interval
Logging Roads

N

1:10,000

# 553124 Sample Locations
# Upper John Creek, north of Spapilem Creek near Adams Lake

David J. Piggin, # 140689




## UTM Coordinates for Samples on the attached Spreadsheet

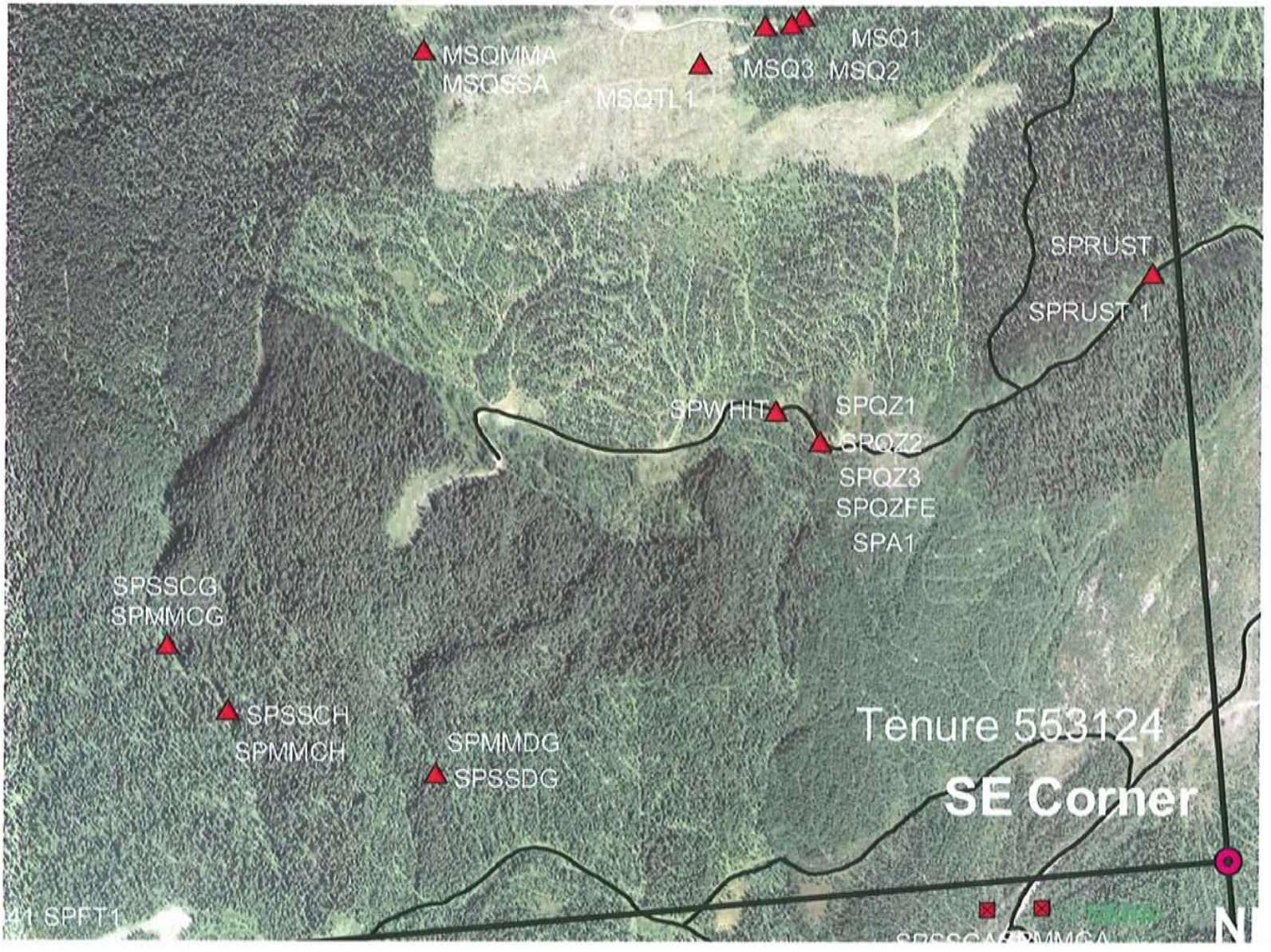
- 553124 sample locations & Waypoints
- Corners of Tenure 553124.dbf
- Tenure # 553124
- Tenure # 526319
- 526319 Sample Location & Waypoint
- Corners of Tenure 526319
- Logging Roads

N

**1:20,000**

# 553124 Detail Sample Locations
# Upper John Creek, north of Spapilem Creek, near Adams Lake

David J. Piggin, # 140689




UTM Coordinates for Samples on attached Spreadsheet

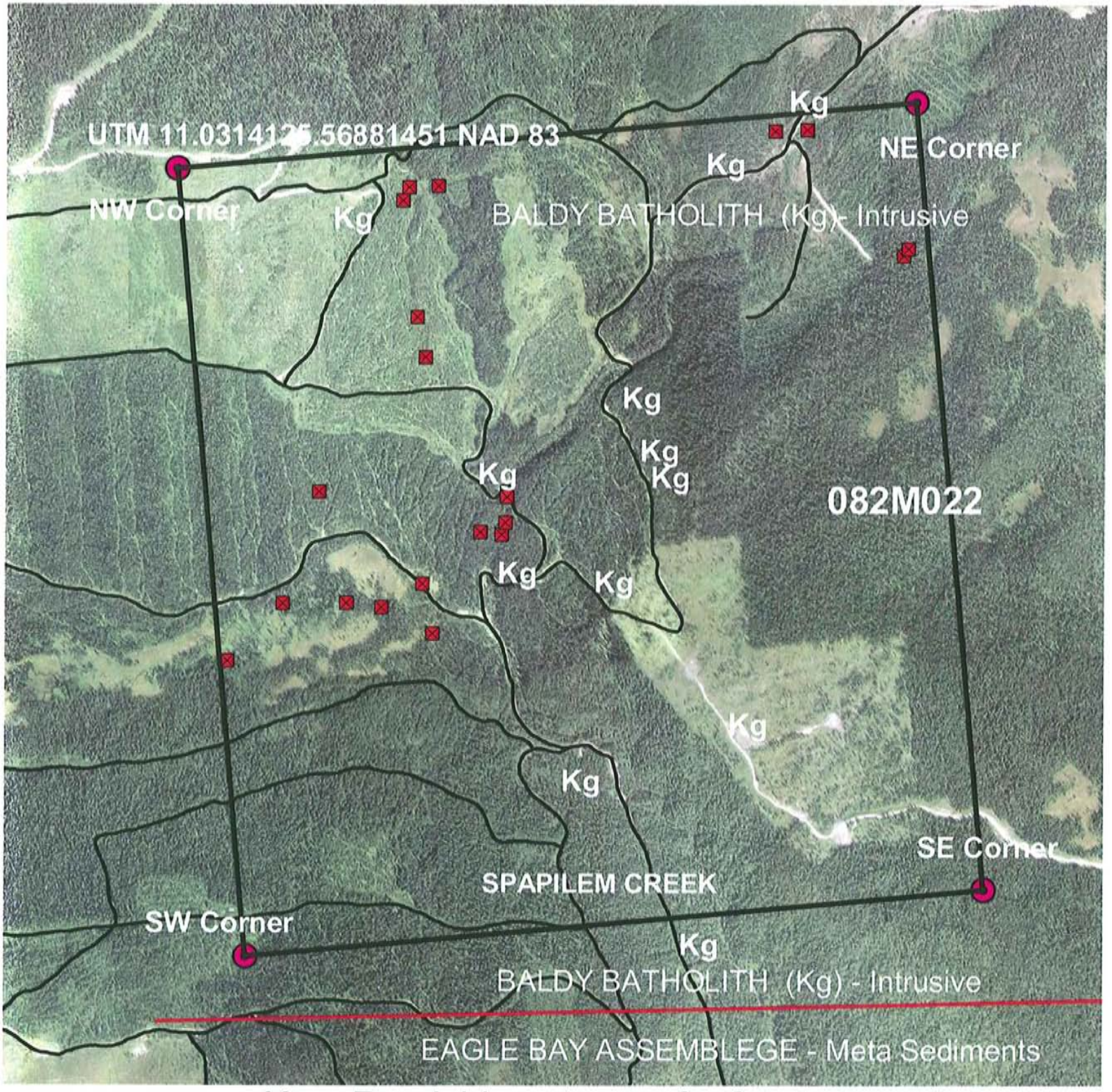
- **553124 sample locations & Waypoints**
- **Corners of Tenure 553124.dbf**
- **Tenure # 553124**
- **Tenure # 526319**
- **526319 Sample Location & Waypoint**
- **Corners of Tenure 526319**
- **Logging Roads**

**1:10, 000**

N

# 526319 Baldy Batholith (Kg) Outcrop Sites
# Spapilem Creek, near Adams Lake

David J. Piggin, 140689




Kg = Roadside outcrops for future sampling

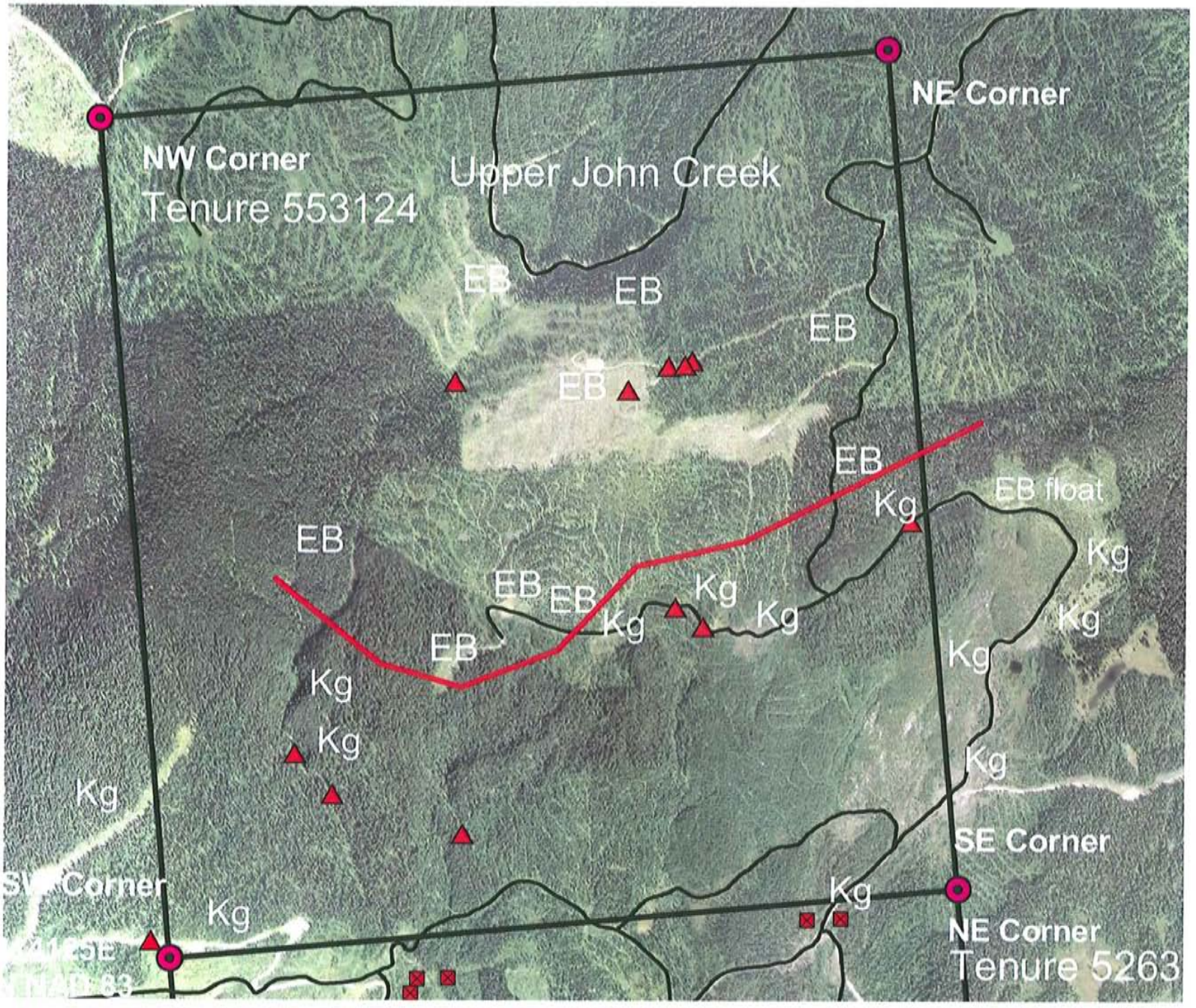
Tenure # 526319
Sample Location & Waypoint
Corners of Tenure 526319
Logging Roads

1:15,000

N

# 553124 Geology: Baldy Batholith (Kg) Outcrop, and Eagle Bay Assemblege (EB) Outcrop

David J. Piggin, # 140689




Road Side or Traverse Outcrops "Kg" and "EB" for future sampling

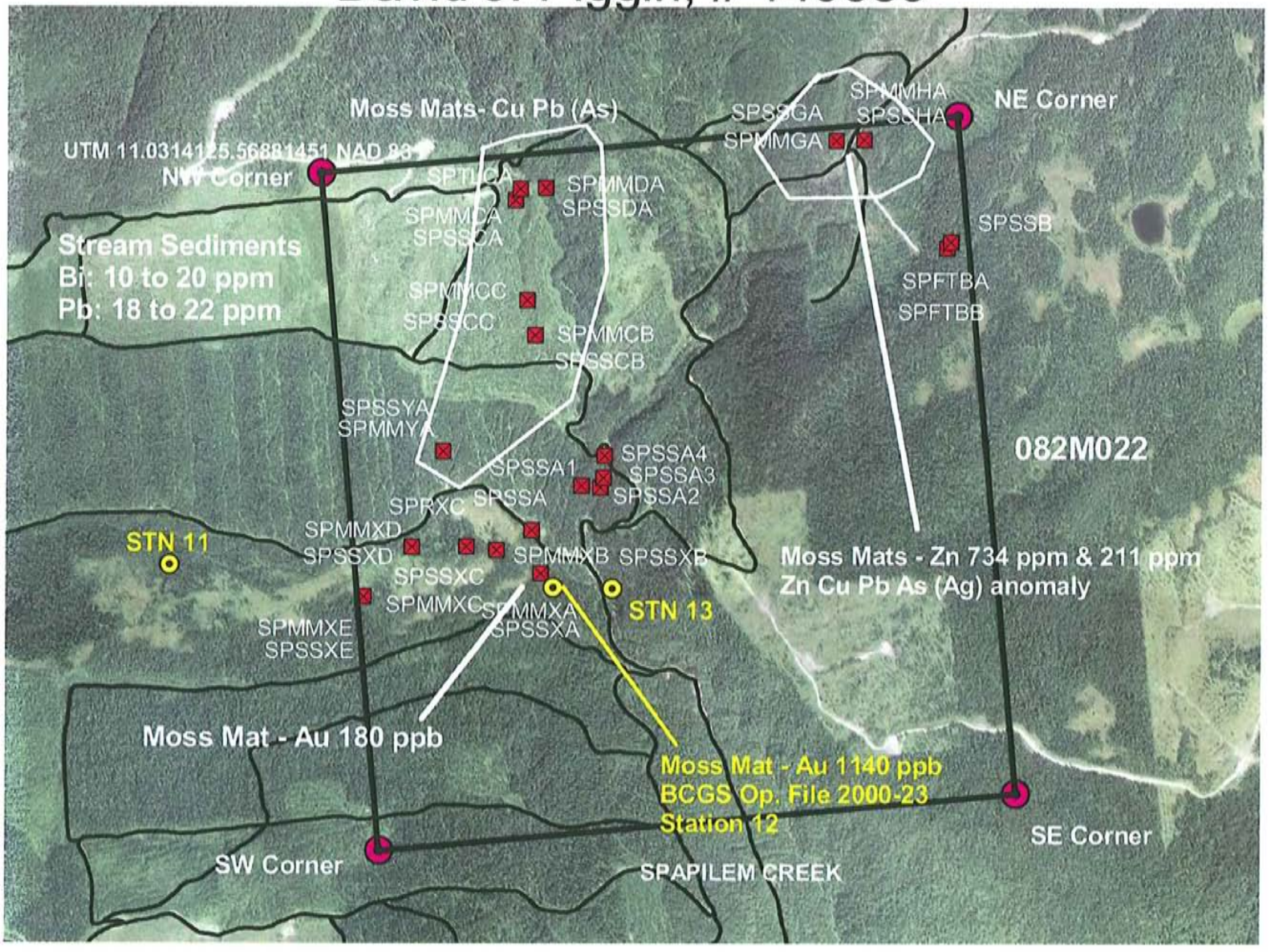
- 553124 sample locations & Waypoints
- Corners of Tenure 553124.dbf
- Tenure # 553124
- Tenure # 526319
- 526319 Sample Location & Waypoint
- Corners of Tenure 526319
- Logging Roads

**1:15,000**

N

# Tenure 526319 Anomalies Reported Spapilem Creek, near Adams Lake

David J. Piggin, # 140689




BCGS Open File 2000-23 Moss Mat and Stream Sediment Sample Locations with Station 12 Moss Mat - Au 1140 ppb.

Zn Moss Mat anomaly 734 ppm and 211 ppm in the northeast corner of claims.
Au Moss Mat anomaly 180 ppb in central part of claim adjacent to BCGS Op. File 2000-23 moss mat anomaly Au - 1140 ppb.

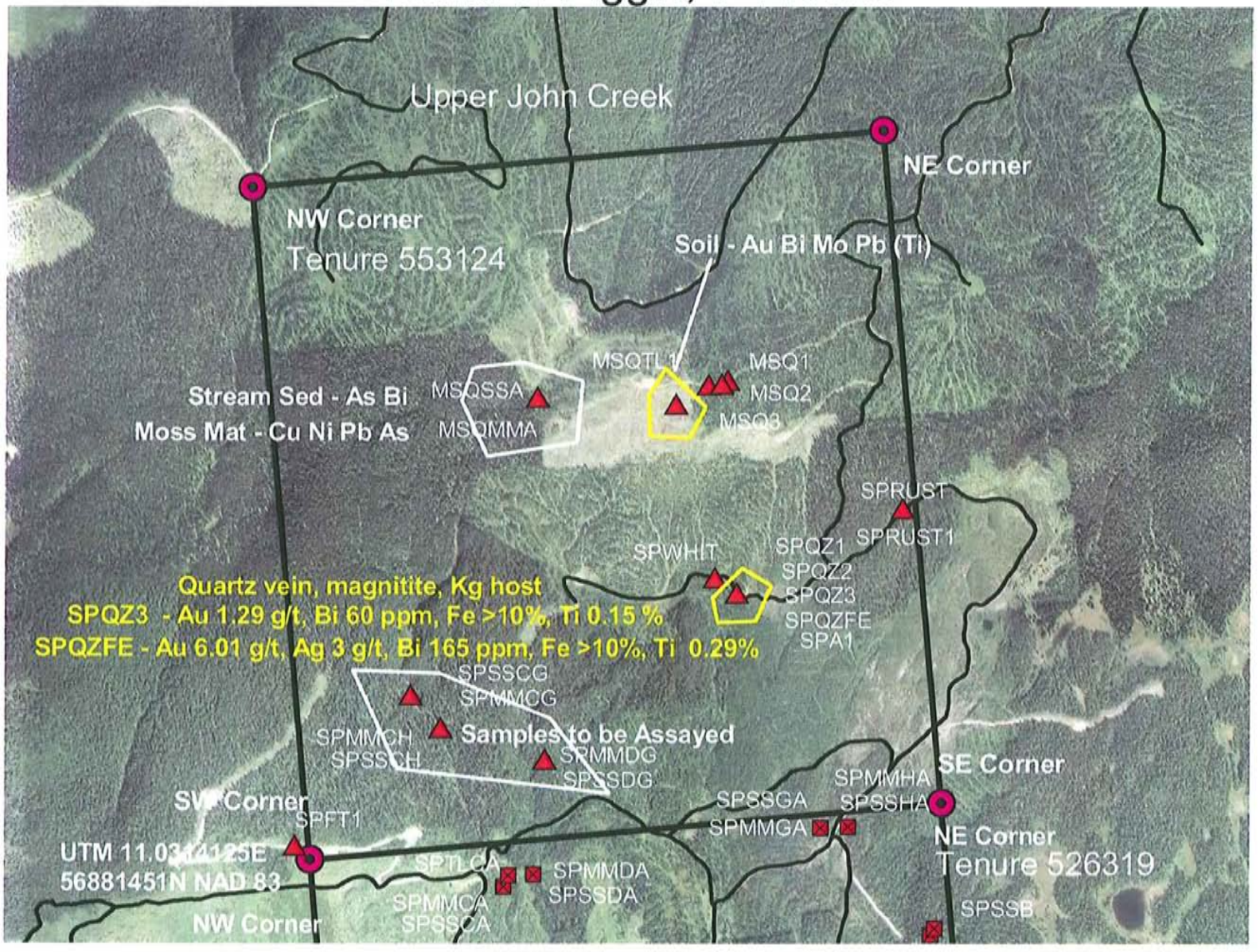
- **Open File 2000-23 Sample St'n (moss mat, stream sed)**
- **Tenure # 526319**
- **Sample Location & Waypoint**
- **Corners of Tenure 526319**
- **Logging Roads**

**1:20,000**

N

# 553124 Anomaly Locations
# Uper John Creek, north of Spapilem Creek, near Adams Lake

David J. Piggin, # 140689




**Soil Sample MSQTL1**
**Au 75 ppb, Bi 75 ppm, Mo 20 ppm, Pb 56 ppm, Ti 0.11%.**

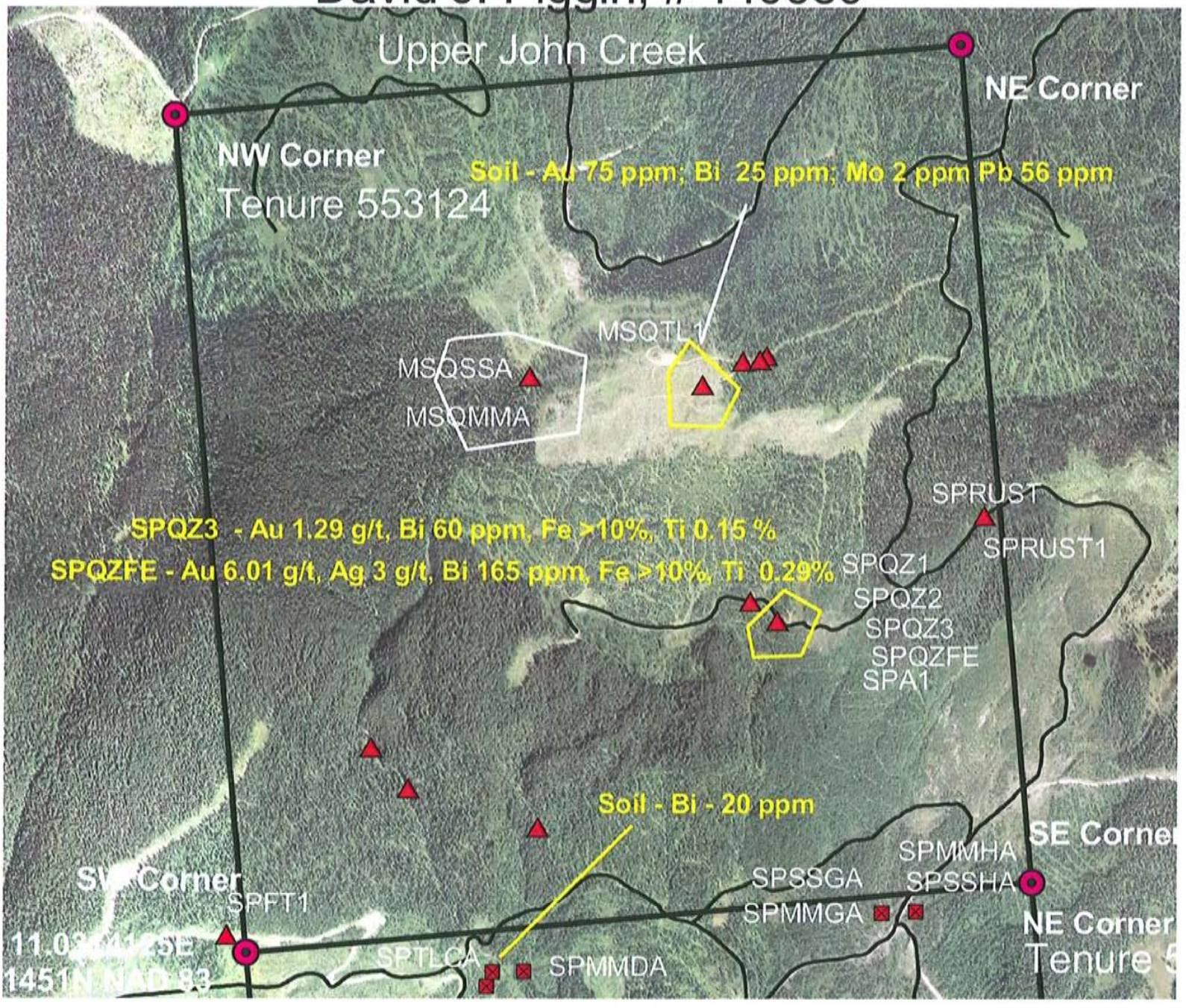
- 553124 sample locations & Waypoints
- Corners of Tenure 553124.dbf
- Tenure # 553124
- Tenure # 526319
- 526319 Sample Location & Waypoint
- Corners of Tenure 526319
- Logging Roads

**1:20,000**

N

# 526319 and 553124: ROCK AND SOIL only
# ANOMALOUS VALUES only

David J. Piggin, # 140689



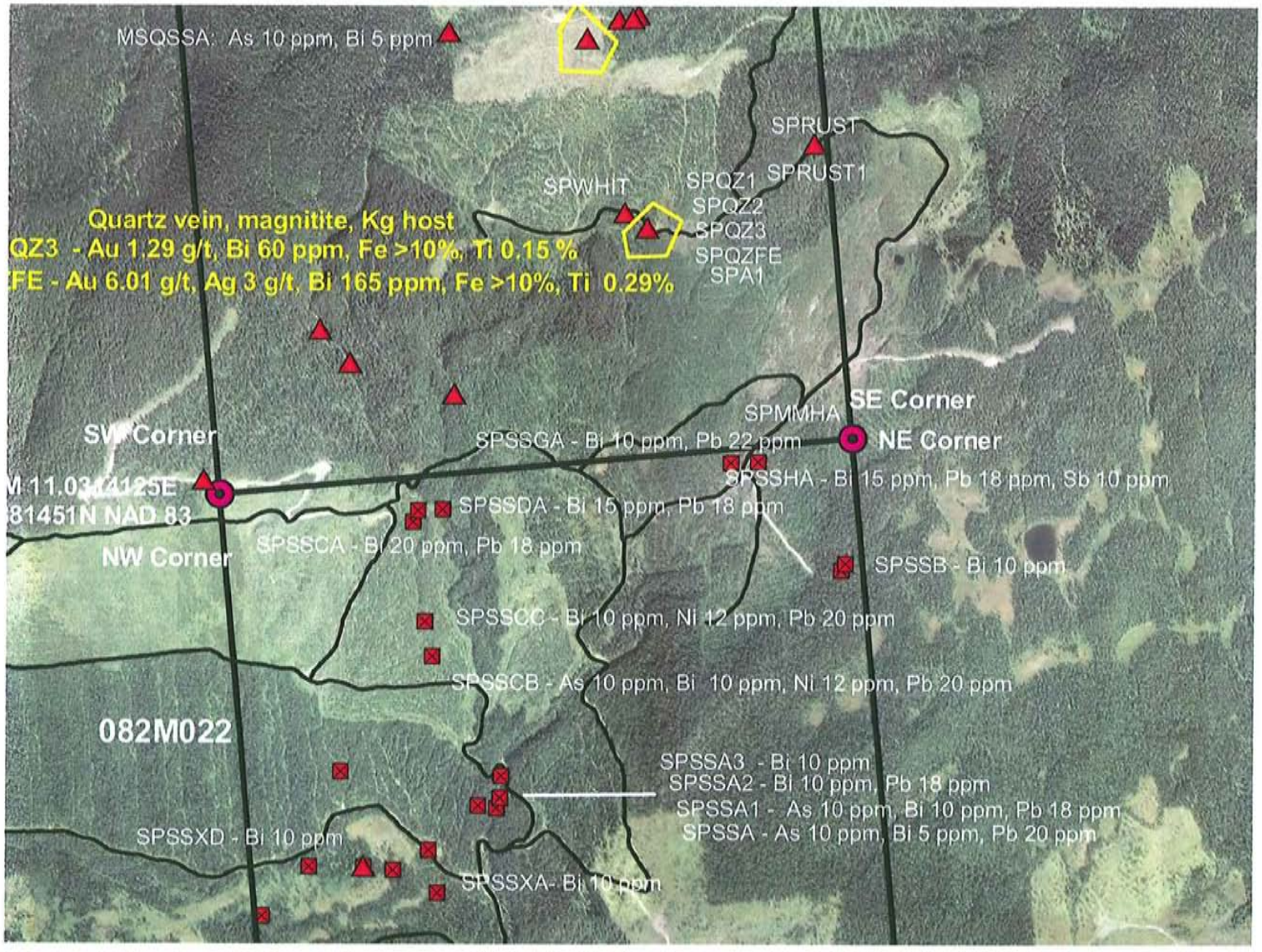

Soil Anomalies based on Open File 1997-9
at 90 percentile

- 553124 sample locations & Waypoints
- Corners of Tenure 553124.dbf
- Tenure # 553124
- Tenure # 526319
- 526319 Sample Location & Waypoint
- Corners of Tenure 526319
- Logging Roads

N

1:15,000

# 526319 and 553124 Stream Sediment only Anomalous Values only



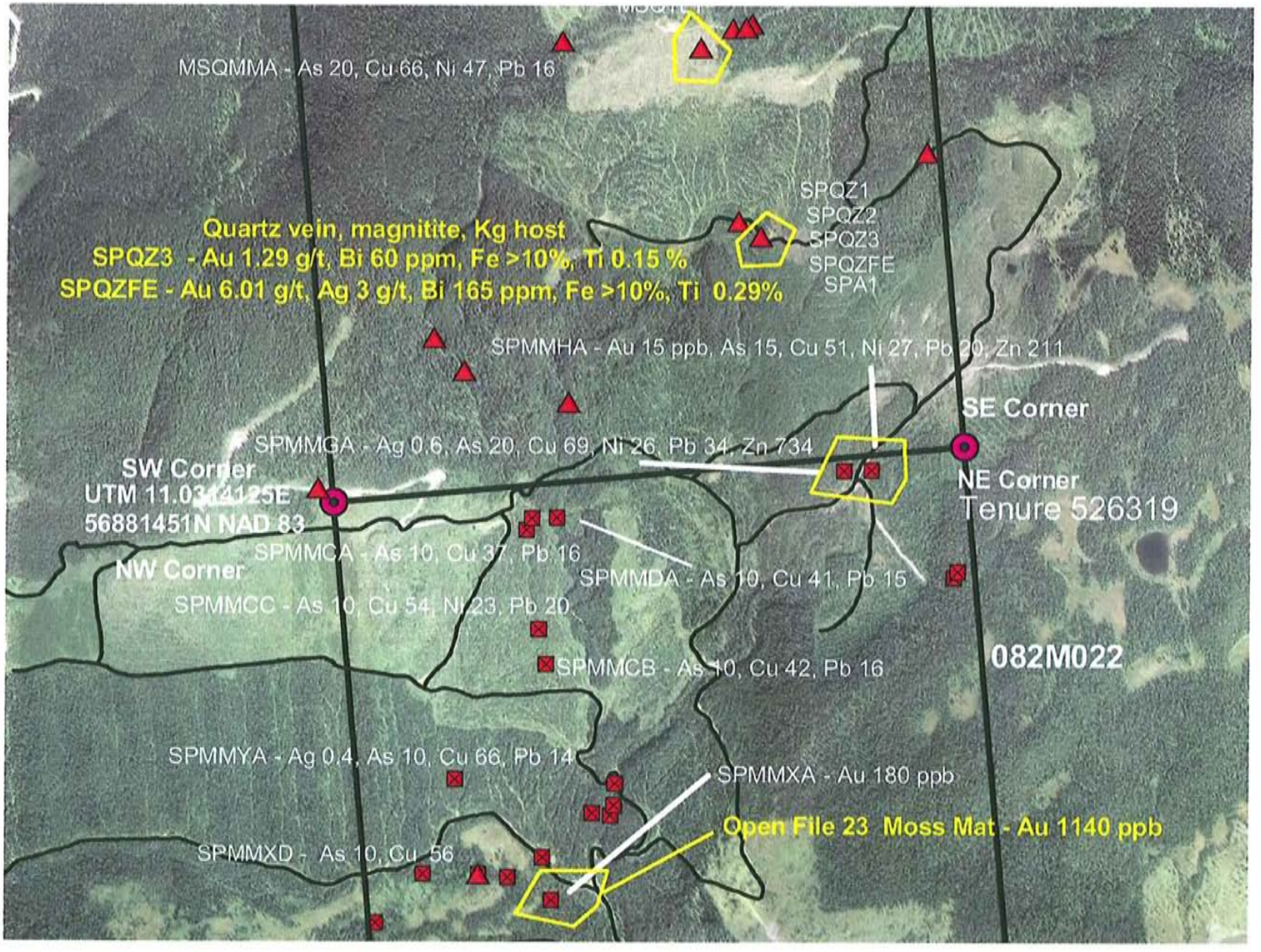

Anomalous Stream Sediment values taken from Open File 2358 and Open File 2000-23

- 553124 sample locations & Waypoints
- Corners of Tenure 553124.dbf
- Tenure # 553124
- Tenure # 526319
- 526319 Sample Location & Waypoint
- Corners of Tenure 526319
- Logging Roads

1:20,000

N

# 526319 553124 MOSS MAT only
# Anomalous Values only




Anomalous Values based on Open File 2000-23
Units of measure in ppm unless otherwise stated.

- 553124 sample locations & Waypoints
- Corners of Tenure 553124.dbf
- Tenure # 553124
- Tenure # 526319
- 526319 Sample Location & Waypoint
- Corners of Tenure 526319
- Logging Roads

N

1:20,000

28-Jun-07

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

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

**ICP CERTIFICATE OF ANALYSIS AK 2007- 699**

**David J. Piggin**
91 - 137 McGill Road
**Kamloops, BC**
V2C 1L9

*No. of samples received: 2*
*Sample Type: Stream Sediment*
*Project: Spapilum*
*Submitted by: David Piggin*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 06399-SPSSA | <5 | <0.2 | 0.86 | 10 | 55 | 5 | 0.37 | <1 | 7 | 13 | 7 | 1.63 | 10 | 0.48 | 364 | 1 | 0.01 | 9 | 640 | 20 | <5 | <20 | 15 | 0.06 | <10 | 29 | <10 | 6 | 44 |
| 2 | 06400-SPSSA1 | <5 | <0.2 | 0.75 | <5 | 45 | 10 | 0.36 | <1 | 7 | 10 | 6 | 1.52 | 10 | 0.44 | 344 | <1 | 0.01 | 7 | 650 | 18 | <5 | <20 | 13 | 0.06 | <10 | 26 | <10 | 4 | 41 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 06399-SPSSA | <5 | <0.2 | 0.78 | 5 | 45 | <5 | 0.32 | <1 | 7 | 11 | 6 | 1.54 | <10 | 0.46 | 338 | <1 | <0.01 | 6 | 560 | 16 | <5 | <20 | 12 | 0.06 | <10 | 26 | <10 | 4 | 42 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SE29 | | 630 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Till-3 | | | 1.5 | 1.01 | 80 | 55 | 5 | 0.70 | 1 | 13 | 56 | 22 | 2.02 | 20 | 0.59 | 306 | 2 | 0.02 | 30 | 470 | 34 | <5 | <20 | 8 | 0.06 | <10 | 34 | <10 | 7 | 34 |

Lydane Brace /07

**ECO TECH LABORATORY LTD.**
Jutta Jealouse
B.C. Certified Assayer

JJ/
dt/
XLS/07

19-Jul-07

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V2C 6T4

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**ICP CERTIFICATE OF ANALYSIS AK 2007- 890**

**David J. Piggin**
91 - 137 McGill Road
**Kamloops, BC**
V2C 1L9

*No. of samples received: 18*
*Sample Type: Stream Sediment*
***Project: Spap***
*Submitted by: David J. Piggin*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | E125406 SPSSXA | <5 | <0.2 | 0.28 | <5 | 25 | 10 | 0.10 | <1 | 3 | 3 | 2 | 0.83 | <10 | 0.13 | 176 | <1 | <0.01 | 5 | 290 | 6 | <5 | <20 | 13 | 0.02 | <10 | 9 | <10 | 1 | 14 |
| 2 | E125407 SPSSXB | <5 | <0.2 | 0.27 | <5 | 20 | <5 | 0.09 | <1 | 3 | 2 | 1 | 0.47 | <10 | 0.11 | 114 | <1 | <0.01 | 3 | 280 | 8 | <5 | <20 | 13 | 0.02 | <10 | 6 | <10 | 2 | 13 |
| 3 | E125408 SPSSXC | <5 | <0.2 | 0.31 | <5 | 25 | <5 | 0.11 | <1 | 3 | 3 | 2 | 0.60 | <10 | 0.13 | 241 | <1 | <0.01 | 4 | 320 | 8 | <5 | <20 | 16 | 0.02 | <10 | 7 | <10 | 1 | 15 |
| 4 | E125409 SPSSXD | <5 | <0.2 | 0.23 | <5 | 15 | 10 | 0.07 | <1 | 2 | 2 | <1 | 0.36 | <10 | 0.10 | 65 | <1 | <0.01 | 3 | 220 | 4 | <5 | <20 | 11 | 0.01 | 20 | 5 | <10 | 2 | 11 |
| 5 | E125410 SPSSXE | <5 | <0.2 | 0.28 | <5 | 25 | <5 | 0.09 | <1 | 3 | 2 | 1 | 0.48 | <10 | 0.11 | 126 | <1 | <0.01 | 3 | 260 | 6 | <5 | <20 | 14 | 0.02 | <10 | 6 | <10 | 1 | 15 |
| 6 | E125412 SPSSGA | <5 | <0.2 | 1.22 | <5 | 70 | 10 | 0.37 | <1 | 8 | 9 | 8 | 1.63 | 20 | 0.49 | 399 | 2 | 0.01 | 9 | 1070 | 22 | 5 | <20 | 37 | 0.08 | <10 | 28 | <10 | 7 | 68 |
| 7 | E125414 SPSSHA | <5 | <0.2 | 1.12 | <5 | 50 | 15 | 0.46 | <1 | 10 | 9 | 8 | 2.23 | 10 | 0.61 | 869 | 2 | 0.01 | 9 | 1360 | 18 | 10 | <20 | 39 | 0.10 | <10 | 33 | <10 | 5 | 80 |
| 8 | E125416 SPSSYA | <5 | <0.2 | 0.53 | <5 | 35 | <5 | 0.15 | <1 | 4 | 5 | 4 | 0.94 | <10 | 0.25 | 412 | <1 | <0.01 | 5 | 300 | 10 | <5 | <20 | 22 | 0.04 | <10 | 15 | <10 | 4 | 29 |
| 9 | E125418 SPSSDA | <5 | <0.2 | 0.91 | <5 | 50 | 15 | 0.35 | <1 | 9 | 8 | 6 | 1.76 | <10 | 0.53 | 484 | <1 | 0.01 | 6 | 980 | 18 | <5 | <20 | 40 | 0.09 | <10 | 32 | <10 | 3 | 54 |
| 10 | E125420 SPSSCA | 5 | <0.2 | 0.94 | 10 | 50 | 20 | 0.30 | <1 | 10 | 14 | 9 | 2.09 | <10 | 0.65 | 416 | 2 | 0.01 | 11 | 770 | 18 | <5 | <20 | 36 | 0.06 | <10 | 39 | <10 | 5 | 49 |
| 11 | E125422 SPSSCB | <5 | <0.2 | 1.03 | 10 | 65 | 10 | 0.39 | <1 | 10 | 18 | 8 | 2.20 | 10 | 0.68 | 439 | 1 | 0.01 | 12 | 1030 | 20 | <5 | <20 | 47 | 0.07 | <10 | 43 | <10 | 7 | 55 |
| 12 | E125424 SPSSCC | 5 | <0.2 | 0.99 | <5 | 65 | 10 | 0.33 | <1 | 9 | 15 | 8 | 2.17 | 10 | 0.62 | 448 | 2 | 0.01 | 12 | 820 | 20 | <5 | <20 | 43 | 0.06 | <10 | 40 | <10 | 7 | 56 |
| 13 | E125426 MSQSSA | <5 | <0.2 | 0.66 | 10 | 55 | 5 | 0.09 | <1 | 7 | 9 | 13 | 1.13 | 10 | 0.33 | 346 | 1 | 0.01 | 11 | 190 | 16 | <5 | <20 | 19 | 0.06 | <10 | 22 | <10 | 6 | 31 |
| 14 | 06342 SPSSA1 | <5 | <0.2 | 0.94 | 10 | 70 | 10 | 0.32 | <1 | 12 | 10 | 9 | 2.01 | <10 | 0.57 | 645 | 1 | 0.01 | 7 | 890 | 18 | <5 | <20 | 33 | 0.08 | <10 | 33 | <10 | 4 | 62 |
| 15 | 06343 SPSSA2 | <5 | <0.2 | 1.03 | 5 | 70 | 10 | 0.36 | <1 | 11 | 11 | 10 | 2.12 | <10 | 0.63 | 724 | 1 | 0.01 | 9 | 970 | 18 | <5 | <20 | 38 | 0.09 | <10 | 36 | <10 | 3 | 66 |
| 16 | 06344 SPSSA3 | 5 | <0.2 | 0.73 | <5 | 50 | 10 | 0.30 | <1 | 10 | 8 | 9 | 1.64 | <10 | 0.45 | 493 | 1 | 0.01 | 8 | 840 | 12 | 5 | <20 | 26 | 0.06 | <10 | 27 | <10 | 2 | 47 |
| 17 | 06345 SPSSA4 | 5 | <0.2 | 0.97 | <5 | 70 | <5 | 0.30 | <1 | 12 | 10 | 10 | 2.12 | <10 | 0.62 | 693 | 2 | 0.01 | 10 | 750 | 16 | 5 | <20 | 30 | 0.08 | <10 | 35 | <10 | 3 | 60 |
| 18 | 06348 SPSSB | <5 | <0.2 | 0.42 | <5 | 40 | 10 | 0.20 | <1 | 5 | 4 | 4 | 1.05 | <10 | 0.23 | 304 | <1 | <0.01 | 3 | 670 | 10 | <5 | <20 | 20 | 0.04 | <10 | 13 | <10 | 2 | 23 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | E125406 SPSSXA | <5 | <0.2 | 0.31 | <5 | 25 | 5 | 0.11 | <1 | 3 | 5 | 1 | 0.84 | <10 | 0.16 | 171 | 1 | <0.01 | 6 | 330 | 8 | <5 | <20 | 11 | 0.02 | 20 | 10 | <10 | 2 | 15 |
| 10 | E125420 SPSSCA | 5 | <0.2 | 1.13 | <5 | 70 | 10 | 0.37 | <1 | 10 | 20 | 12 | 2.16 | 10 | 0.77 | 426 | 2 | 0.01 | 14 | 810 | 22 | 5 | <20 | 47 | 0.07 | <10 | 47 | <10 | 6 | 61 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SE29 | | 600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Till - 3 | | | 1.5 | 1.05 | 95 | 50 | <5 | 0.57 | <1 | 13 | 62 | 23 | 2.05 | 10 | 0.60 | 310 | 1 | 0.03 | 31 | 430 | 34 | <5 | <20 | 11 | 0.05 | <10 | 37 | <10 | 11 | 38 |

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24-Jul-07

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## ICP CERTIFICATE OF ANALYSIS AK 2007- 889

**David J. Piggin**
91 - 137 McGill Road
**Kamloops, BC**
V2C 1L9

*No. of samples received: 13*
*Sample Type: Moss Mat*
***Project: Spap***
*Submitted by: David J. Piggin*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | E125401 SPMMXA | 10 | <0.2 | 0.74 | 5 | 45 | <5 | 0.32 | <1 | 6 | 7 | 20 | 1.41 | 10 | 0.20 | 674 | <1 | 0.01 | 10 | 620 | 16 | <5 | <20 | 38 | 0.02 | <10 | 14 | <10 | 5 | 55 |
| 2 | E125402 SPMMXB | 5 | <0.2 | 0.61 | <5 | 45 | <5 | 0.23 | <1 | 5 | 6 | 17 | 1.19 | 10 | 0.17 | 823 | <1 | 0.01 | 9 | 470 | 6 | <5 | <20 | 30 | 0.02 | <10 | 11 | <10 | 4 | 37 |
| 3 | E125403 SPMMXC | 5 | <0.2 | 0.50 | <5 | 30 | <5 | 0.16 | <1 | 3 | 5 | 9 | 0.81 | <10 | 0.16 | 396 | <1 | <0.01 | 7 | 430 | 4 | <5 | <20 | 20 | 0.02 | <10 | 10 | <10 | 3 | 25 |
| 4 | E125404 SPMMXD | 5 | <0.2 | 0.98 | 10 | 80 | <5 | 0.41 | <1 | 9 | 8 | 56 | 1.96 | 20 | 0.22 | 2018 | <1 | 0.01 | 14 | 730 | 10 | <5 | <20 | 52 | 0.03 | <10 | 19 | <10 | 7 | 60 |
| 5 | E125405 SPMMXE | 15 | <0.2 | 0.53 | 5 | 30 | <5 | 0.18 | <1 | 3 | 5 | 6 | 0.84 | <10 | 0.16 | 396 | <1 | <0.01 | 7 | 470 | 6 | <5 | <20 | 21 | 0.02 | <10 | 9 | <10 | 3 | 42 |
| 6 | E125411 SPMMGA | 5 | 0.6 | 1.98 | 20 | 170 | <5 | 0.72 | 1 | 16 | 12 | 69 | 2.80 | 40 | 0.47 | 6330 | <1 | 0.02 | 26 | 1170 | 34 | <5 | <20 | 121 | 0.05 | <10 | 30 | <10 | 21 | 734 |
| 7 | E125413 SPMMHA | 15 | 0.2 | 1.59 | 15 | 205 | <5 | 0.77 | 1 | 16 | 11 | 51 | 3.06 | 40 | 0.44 | 8383 | <1 | 0.01 | 27 | 1280 | 20 | <5 | <20 | 113 | 0.06 | <10 | 30 | <10 | 19 | 211 |
| 8 | E125415 SPMMYA | 5 | 0.4 | 0.92 | 10 | 65 | <5 | 0.55 | <1 | 6 | 8 | 66 | 1.24 | 30 | 0.27 | 1343 | <1 | 0.01 | 16 | 650 | 14 | <5 | <20 | 69 | 0.03 | <10 | 16 | <10 | 16 | 65 |
| 9 | E125417 SPMMDA | 5 | <0.2 | 1.18 | 10 | 85 | <5 | 0.48 | <1 | 9 | 11 | 41 | 2.20 | 10 | 0.60 | 1787 | <1 | 0.01 | 10 | 990 | 16 | <5 | <20 | 69 | 0.07 | <10 | 33 | <10 | 6 | 88 |
| 10 | E125419 SPMMCA | 5 | <0.2 | 1.30 | 10 | 65 | <5 | 0.52 | <1 | 8 | 18 | 34 | 2.58 | 20 | 0.70 | 611 | <1 | 0.01 | 17 | 1050 | 16 | <5 | <20 | 74 | 0.04 | <10 | 40 | <10 | 14 | 76 |
| 11 | E125421 SPMMCB | 5 | <0.2 | 1.00 | 10 | 65 | <5 | 0.81 | <1 | 6 | 14 | 42 | 1.77 | 40 | 0.50 | 648 | <1 | 0.01 | 22 | 1070 | 16 | <5 | <20 | 133 | 0.03 | <10 | 30 | <10 | 24 | 70 |
| 12 | E125423 SPMMCC | 5 | 0.2 | 1.20 | 10 | 85 | <5 | 0.72 | <1 | 7 | 18 | 54 | 2.26 | 40 | 0.63 | 803 | <1 | 0.02 | 23 | 1030 | 20 | <5 | <20 | 127 | 0.04 | <10 | 36 | <10 | 21 | 84 |
| 13 | E125425 MSQMMA | 5 | 0.2 | 1.13 | 20 | 95 | <5 | 0.42 | <1 | 6 | 11 | 66 | 1.24 | 70 | 0.27 | 1016 | <1 | 0.01 | 47 | 840 | 16 | <5 | <20 | 60 | 0.03 | <10 | 19 | <10 | 30 | 54 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | E125401 SPMMXA | 180 | <0.2 | 0.79 | 5 | 55 | <5 | 0.31 | <1 | 6 | 7 | 19 | 1.49 | 20 | 0.21 | 718 | <1 | 0.01 | 10 | 610 | 12 | <5 | <20 | 41 | 0.03 | <10 | 14 | <10 | 6 | 54 |
| 10 | E125419 SPMMCA | 5 | <0.2 | 1.32 | 10 | 70 | <5 | 0.53 | <1 | 9 | 19 | 37 | 2.65 | 20 | 0.72 | 628 | <1 | 0.01 | 19 | 1060 | 16 | <5 | <20 | 78 | 0.04 | <10 | 42 | <10 | 14 | 82 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Till 3 | | | 1.4 | 1.04 | 90 | 40 | <5 | 0.51 | <1 | 11 | 59 | 19 | 1.94 | 10 | 0.55 | 307 | <1 | 0.03 | 33 | 500 | 28 | <5 | <20 | 10 | 0.06 | <10 | 36 | <10 | 10 | 37 |
| OXD43 | | 410 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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dl/N884S
XLS/07

5-Sep-07

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**ICP CERTIFICATE OF ANALYSIS AK 2007- 1142**

**David J. Piggin**
91 - 137 McGill Road
**Kamloops, BC**
V2C 1L9

*No. of samples received: 8*
*Sample Type: Rock*
***Project: Spap***
*Submitted by: David J. Piggin*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | E125436 SPQZ1 | 5 | <0.2 | 0.37 | 15 | 50 | 25 | 0.03 | <1 | 4 | 152 | 7 | 4.32 | <10 | 0.05 | 2061 | 6 | <0.01 | 5 | 50 | 12 | <5 | <20 | <1 | 0.04 | <10 | 2 | <10 | <1 | 30 |
| 2 | E125437 SPQZ3 | >1000 | <0.2 | 0.29 | 35 | 60 | 60 | 0.07 | 2 | 13 | 123 | 30 | >10 | <10 | 0.04 | 7422 | 10 | 0.01 | 6 | 20 | 8 | <5 | <20 | 6 | 0.15 | <10 | 2 | <10 | <1 | 52 |
| 3 | E125438 SPQZ2 | 35 | 0.2 | 0.19 | <5 | 70 | 45 | 0.03 | 2 | 9 | 147 | 20 | >10 | <10 | <0.01 | 8047 | 11 | <0.01 | 8 | <10 | 4 | <5 | <20 | 1 | 0.14 | <10 | 2 | <10 | <1 | 49 |
| 4 | E125439 SPA1 | 10 | <0.2 | 0.36 | <5 | 75 | 10 | 0.10 | <1 | 2 | 102 | 7 | 2.43 | 10 | 0.03 | 2231 | <1 | <0.01 | <1 | 390 | 6 | <5 | <20 | 2 | 0.05 | <10 | 2 | <10 | <1 | 14 |
| 5 | E125440 SPQZFE | >1000 | 3.0 | 0.41 | <5 | 140 | 165 | 0.02 | 7 | 44 | 53 | 54 | >10 | <10 | <0.01 | >10000 | 20 | 0.01 | 16 | <10 | 34 | <5 | <20 | 9 | 0.29 | <10 | 3 | <10 | <1 | 86 |
| 6 | E125441 SPFT1 | <5 | <0.2 | 0.72 | 15 | 25 | 25 | 2.37 | <1 | 14 | 81 | 5 | 1.08 | 10 | 0.65 | 252 | 2 | 0.04 | 27 | 2550 | 28 | 5 | <20 | 187 | 0.14 | <10 | 26 | <10 | 2 | 53 |
| 7 | E125442 SPFTBA | 70 | <0.2 | 0.10 | <5 | 90 | 15 | 0.79 | <1 | 3 | 33 | 7 | 1.77 | <10 | <0.01 | 2453 | 2 | 0.01 | 2 | 150 | 6 | <5 | <20 | 42 | 0.04 | <10 | <1 | <10 | 1 | 11 |
| 8 | E125443 SPFTBB | <5 | <0.2 | 0.27 | 5 | 110 | 5 | 1.01 | <1 | 3 | 61 | 7 | 1.96 | <10 | 0.03 | 3012 | 2 | 0.01 | 1 | 240 | 4 | <5 | <20 | 44 | 0.04 | <10 | 2 | <10 | 2 | 14 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | E125436 SPQZ1 | 10 | <0.2 | 0.36 | 20 | 55 | 20 | 0.03 | <1 | 4 | 150 | 7 | 4.32 | <10 | 0.05 | 2038 | 6 | <0.01 | 5 | 60 | 12 | <5 | <20 | 2 | 0.04 | <10 | 2 | <10 | <1 | 31 |
| ***Resplit:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | E125436 SPQZ1 | 5 | <0.2 | 0.42 | 10 | 50 | 25 | 0.04 | <1 | 4 | 161 | 5 | 4.42 | <10 | 0.05 | 2076 | 5 | <0.01 | 5 | 50 | 12 | <5 | <20 | 3 | 0.05 | <10 | 3 | <10 | <1 | 31 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PB113 | | | 11.0 | 0.29 | 65 | 50 | <5 | 1.74 | 38 | 3 | 6 | 2247 | 1.12 | <10 | 0.12 | 1477 | 83 | 0.02 | 3 | 70 | 5494 | 15 | <20 | 75 | <0.01 | <10 | 9 | 10 | <1 | 6982 |
| SE29 | | 600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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ECO TECH LABORATORY LTD.
Jutta Jealouse
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Eco Tech Laboratory Ltd.

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ENVIRONMENTAL TESTING

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# CERTIFICATE OF ASSAY AK 2007-1142

**David J. Piggin**
91 - 137 McGill Road
**Kamloops, BC**
V2C 1L9

5-Sep-07

*No. of samples received: 8*
*Sample Type: Rock*
***Project: Spap***
*Submitted by: David J. Piggin*

| ET #. | Tag # | Au (g/t) | Au (oz/t) |
|---|---|---|---|
| 2 | E125437 SPQZ3 | 1.29 | 0.038 |
| 5 | E125440 SPQZFE | 6.01 | 0.175 |

**QC DATA:**

| | | | |
|---|---|---|---|
| 5 | E125440 SPQZFE | 5.75 | 0.168 |

**Standard:**

| | | |
|---|---|---|
| OXI54 | 1.86 | 0.054 |

JJ/sa
XLS/07

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4-Sep-07

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**ICP CERTIFICATE OF ANALYSIS AK 2007- 1128**

**David J. Piggin**
91 - 137 McGill Road
**Kamloops, BC**
V2C 1L9

*No. of samples received: 7*
*Sample Type: Rock*
***Project: Spap***
*Submitted by: David J. Piggin*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au (ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | E125429 MSQ2 | 5 | <0.2 | 0.71 | 10 | 75 | 5 | 0.09 | <1 | 6 | 103 | 15 | 1.39 | 10 | 0.40 | 590 | 2 | 0.03 | 8 | 470 | 34 | <5 | <20 | <1 | 0.03 | <10 | 17 | <10 | 5 | 43 |
| 2 | E125430 MSQ3 | 5 | 0.2 | 0.82 | <5 | 45 | 10 | 0.10 | <1 | 10 | 73 | 32 | 3.18 | 10 | 0.50 | 136 | 4 | 0.14 | 18 | 440 | 48 | 5 | <20 | 16 | 0.04 | <10 | 29 | <10 | <1 | 29 |
| 3 | E125431 SPRUST | 5 | <0.2 | 0.62 | <5 | 70 | 15 | 0.26 | <1 | 4 | 85 | 9 | 1.33 | <10 | 0.28 | 342 | 4 | 0.07 | 5 | 350 | 14 | <5 | <20 | 48 | 0.07 | <10 | 16 | <10 | 2 | 51 |
| 4 | E125432 SPRUST 1 | 5 | <0.2 | 0.68 | 5 | 75 | 10 | 0.30 | <1 | 5 | 74 | 11 | 1.44 | <10 | 0.29 | 361 | 1 | 0.10 | 4 | 380 | 16 | <5 | <20 | 59 | 0.08 | <10 | 17 | <10 | 2 | 54 |
| 5 | E125433 SPWHIT | 5 | <0.2 | 0.47 | 10 | 15 | 5 | 0.05 | <1 | 2 | 88 | 22 | 0.97 | <10 | 0.11 | 223 | 4 | 0.08 | 3 | 20 | 28 | <5 | <20 | 13 | 0.03 | <10 | 6 | <10 | 2 | 44 |
| 6 | E125434 SPRXC | 5 | <0.2 | 0.55 | <5 | 40 | 10 | 0.06 | <1 | 6 | 172 | 11 | 1.28 | <10 | 0.23 | 172 | <1 | 0.03 | 10 | 130 | 14 | <5 | <20 | 9 | 0.05 | <10 | 8 | <10 | <1 | 21 |
| 7 | E125435 MSQ1 | <5 | <0.2 | 1.91 | 5 | 55 | 10 | 0.71 | <1 | 17 | 112 | 133 | 3.36 | <10 | 0.62 | 287 | 54 | 0.17 | 29 | 420 | 48 | <5 | <20 | 133 | 0.08 | <10 | 45 | <10 | 3 | 37 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | E125429 MSQ2 | <5 | <0.2 | 0.74 | 10 | 80 | 5 | 0.08 | <1 | 6 | 107 | 14 | 1.40 | 10 | 0.41 | 590 | 3 | 0.04 | 9 | 470 | 36 | <5 | <20 | <1 | 0.03 | <10 | 18 | <10 | 6 | 42 |
| ***Resplit:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | E125429 MSQ2 | <5 | <0.2 | 0.69 | 10 | 75 | 10 | 0.08 | 1 | 5 | 100 | 19 | 1.34 | 30 | 0.37 | 520 | 4 | 0.05 | 10 | 480 | 38 | 5 | <20 | 1 | 0.05 | <10 | 20 | <10 | 3 | 39 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pb113 | | | 11.2 | 0.29 | 65 | 50 | <5 | 1.74 | 38 | 3 | 6 | 2247 | 1.12 | <10 | 0.12 | 1477 | 73 | 0.02 | 3 | 90 | 5494 | 15 | <20 | 75 | <0.01 | <10 | 9 | 10 | <1 | 6982 |
| SE29 | | 595 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

JJ/nl/sa
dl/1164
XLS/07



**ECO TECH LABORATORY LTD.**
Jutta Jealouse
B.C. Certified Assayer

## Statement of Costs 526319 and 553124

| | Total Hours or Days | Hourly Rate | Daily Rate | Total Cost | |
|---|---|---|---|---|---|
| **Personnel Costs** | | | | | |
| | | | | | |
| **Prospector** | | | | | |
| David J. Piggin, 140689 | | | | | |
| 24-Jun-07 | 1 | | $ 200.00 | $ 200.00 | |
| 30-Jun-07 | 1 | | $ 200.00 | $ 200.00 | |
| 1-Jul-07 | 1 | | $ 200.00 | $ 200.00 | |
| 5-Jul-07 | 1 | | $ 200.00 | $ 200.00 | |
| 6-Jul-07 | 1 | | $ 200.00 | $ 200.00 | |
| 7-Jul-07 | 1 | | $ 200.00 | $ 200.00 | |
| 9-Jul-07 | 1 | | $ 200.00 | $ 200.00 | |
| 14-Jul-07 | 1 | | $ 200.00 | $ 200.00 | |
| 29-Jul-07 | 0.5 | | $ 200.00 | $ 100.00 | |
| | | | | | |
| **Labourer** | | | | | |
| Judy Burr July 9, 2007 | 1 | | $ 200.00 | $ 200.00 | |
| | | | | | |
| **Geologist-Geochemist** | | | | | |
| Denis Norton July 29, 2007 | 0.5 | 400 | | $ 200.00 | |
| (Paramount Gold) | | | | | |
| | | | | | |
| **Bear Dog:** "Justice" | 8 | 0 | | $ - | |
| (wolf X Belgan Shephard) | | | | | |
| | | | | | $ 2,100.00 |
| **Equipment & Machinery** | | | | | |
| Chainsaw | | | $ 5.00 | $ 5.00 | $ 5.00 |
| | | | | | |
| **Geochemical - Assay Costs** | No. of samples | Cost /sample | | | |
| **526319** | | | | | |
| AK07-1142 i | 2 | $ 30.14 | $ 60.27 | | |
| AK07-0699i | 2 | $ 21.37 | $ 42.74 | | |
| AK07-0889i | 12 | $ 21.37 | $ 256.43 | | |
| AK07-0890i | 17 | $ 21.37 | $ 363.28 | | |
| AK07-1128i | 1 | $ 26.81 | $ 26.81 | $ 749.53 | |
| **553124** | | | | | |
| AK07-1128i | 6 | $ 26.81 | $ 160.84 | | |
| AK07-1142 i & a | 6 | $ 30.14 | $ 180.81 | | |
| AK07-0890i | 1 | $ 21.37 | $ 21.37 | $ 363.02 | |
| Moss Mats to do - 3 | 3 | $ 21.37 | $ 64.11 | | |
| Stream Seds to do -3 | 3 | $ 21.37 | $ 64.11 | | |
| Total | | | | | $ 1,240.77 |
| **Food** | | | | | |
| | Days | $/day | | | |
| Food only | 9 | $ 40.00 | | $ 360.00 | $ 360.00 |

| | | | | | |
|---|---|---|---|---|---|
| **Field Supplies** | | | | | |
| | | | | | |
| | | | | | |
| Field Supplies | | | | | $ 131.84 |
| | | | | | |
| **Report Preparation** | 2 | | 200 | $ 400.00 | $ 400.00 |
| | | | | | |
| **Transportation Costs** | Distance (km) | $/km | | | |
| Vehicle Mileage | | | | | |
| 10-Jun-07 | 350 | $ 0.45 | | $ 157.50 | |
| 24-Jun-07 | 350 | $ 0.45 | | $ 157.50 | |
| 30-Jun-07 | 350 | $ 0.45 | | $ 157.50 | |
| 1-Jul-07 | 350 | $ 0.45 | | $ 157.50 | |
| 5-Jul-07 | 350 | $ 0.45 | | $ 157.50 | |
| 6-Jul-07 | 350 | $ 0.45 | | $ 157.50 | |
| 7-Jul-07 | 350 | $ 0.45 | | $ 157.50 | |
| 9-Jul-07 | 350 | $ 0.45 | | $ 157.50 | |
| 14-Jul-07 | 350 | $ 0.45 | | $ 157.50 | |
| Denis Norton, July 29, 2007 | 200 | $ 0.45 | | $ 90.00 | |
| | | | | | |
| Truck Rate | Days | $/day | | | |
| 24-Jun-07 | 10.5 | $75 | | $788 | |
| | | | | | |
| | | | | | $ 2,137.50 |
| | | **Total Costs 526319 and 553124** | | | $ 6,375.11 |
| | | | | | |
| | | **Event 4156773 Summary** | | | $ 2,100.00 |
| | | | | | |
| | | **Event 4172409 Summary** | | | $ 4,275.11 |
| | | | | | |
| | | | Balance..... | | $ - |

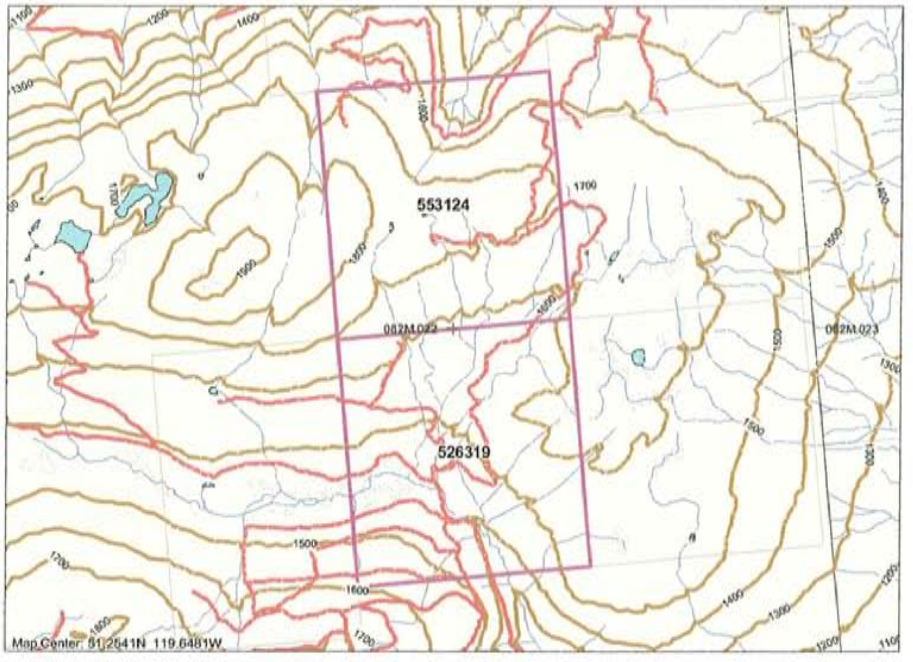
# Claim Map 526319 553124 Spapilem/Upper John

**Mineral Titles Layers**

- My Property Tenure
- All Mineral Tenures

**Topographic Layers**

- Railways 1:20K
- Roads 1:20K
  - Gravel Road
  - Paved Road
  - Rough Road
- Roads 1:20K undefined
- Other water features
- Contours with Labels 1:20K (<50K)
- Lakes 1:20K
- Rivers 1:20K




SCALE 1 : 69,088

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