



## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT: Marsh Gold**

**TOTAL COST: 3540**

**AUTHOR(S): Denis Delisle**

**SIGNATURE(S):** *Denis Delisle*

**NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): -nil-**  
**STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):**

**YEAR OF WORK: 2017**

**PROPERTY NAME: Marsh Gold**

**CLAIM NAME(S) (on which work was done): Golden Marsh**

**COMMODITIES SOUGHT: Gold, Silver, Copper and antimony**

**MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:**

**MINING DIVISION: Kamloops**

**NTS / BCGS: 82L/01E**

**LATITUDE: 50 ° 07 ' " NORTH**

**LONGITUDE: 118 ° 30 ' " (at centre of work) WEST**

**UTM Zone: 394500 EASTING: 5551435 NORTHING:**

**OWNERS: DENIS DELISLE / STEVE BARNICK**

**MAILING ADDRESS: 581 ENDERBY GRINDROD ROAD**

**ENDERBY BC V0E1V4**

**OPERATOR(S) [who paid for the work]: DENIS DELISLE STEVE BARNICK**

**MAILING ADDRESS: 581 ENDERBY GRINDROD ROAD**

**ENDERBY BC V0E1V4**

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

Intermontane Belt, Omineca Crystalline Belt, Archean, Mesozoic supracrustals, Proterozoic, Palaeozoic Shuswap Metamorphic Complex, Cretaceous, Jurassic granitoids- Tertiary basaltic flows, sediments of the Kamloops Group. Alteration; greenschist, facies, chlorite, epidote, calcite, and sericite – limestone recrystallization. Gold, copper, iron, silver, zinc, lead and antimony.

**REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:**  
Assessment Report # 11789, Assessment Report # 04771, Assessment Report # 19209,  
Assessment Report # 12331, Assessment Report # 14611, Assessment Report # 18426,

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS <b>MARSH GOLD</b>	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	1:100	2 km	108\$
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock	10 samples	ICP	177\$
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying	2 sq Km		354
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)	2 sq km		2832
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail	1	2m	70.8
Trench (number/metres)			
Underground development (metres)			
Other			
		<b>TOTAL COST</b>	3,540 3,540\$

**BRITISH COLUMBIA**

**Prospecting & Sampling**

**Latitude 50 degrees 07 Minutes North  
Longitude 118 degrees 30 minutes West  
UTM 394500E 5551435N**

**N.T.S 82L/01E**

**MARSH GOLD Mineral Claim**

Claim Name	Tenure number	Hectors	Owners
MARSH GOLD	104961	165.79	DENIS DELISLE/STEVE BARNICK

**Owner/Operators**

Denis Delisle is 50% and Steve Barnick are Joint Owners and Operators on this claim for the purposes of this assessment.

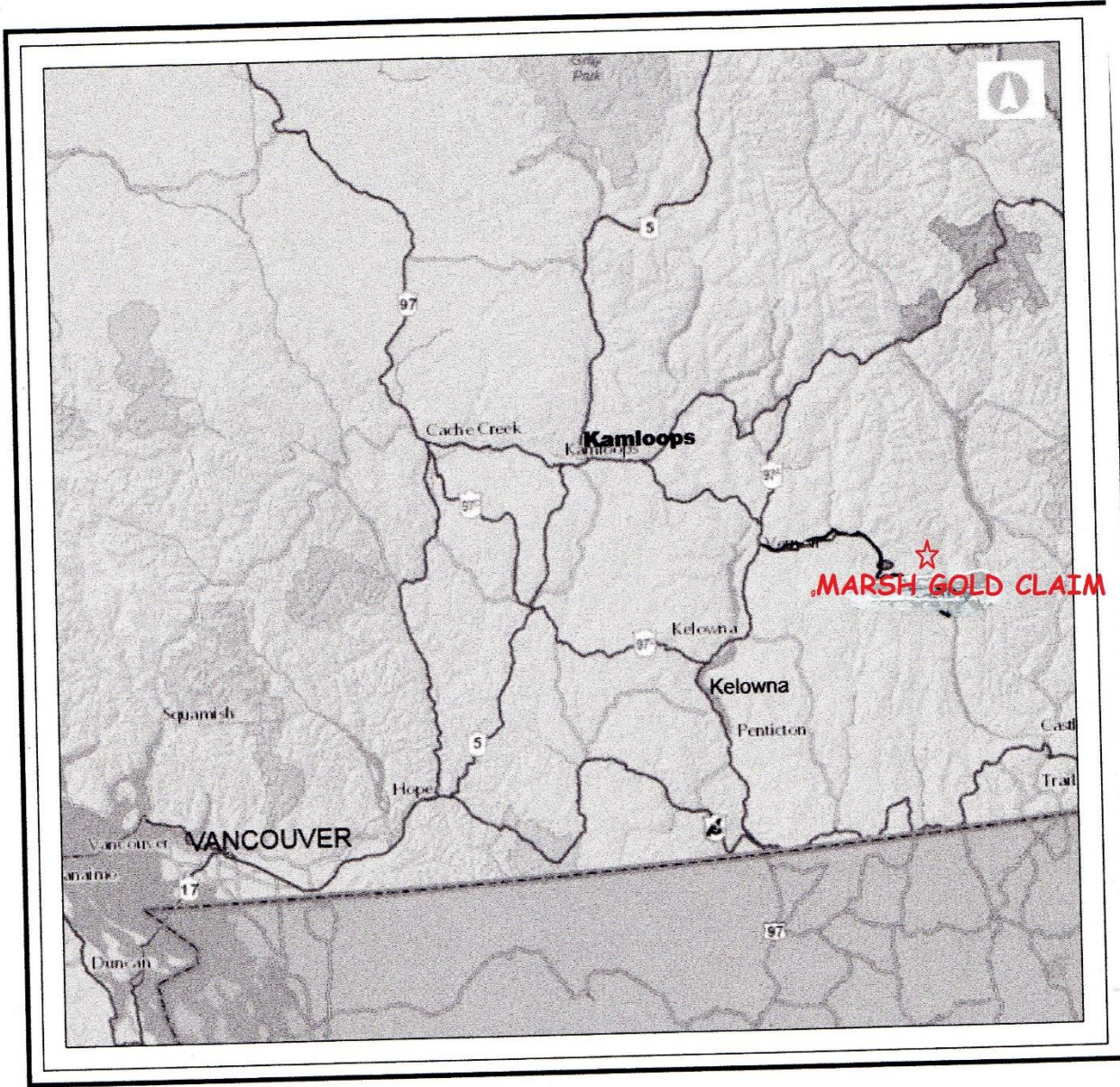
November 10, 2017

**MARSH GOLD CLAIMS  
VERNON MINING DIVISION  
BRITISH COLUMBIA**

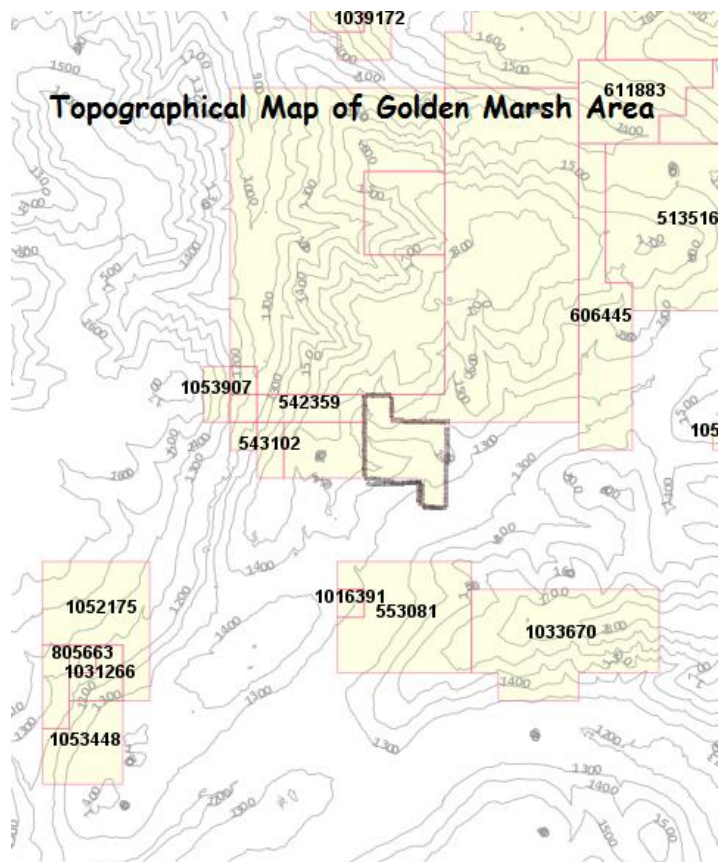
<b>LOCATION MAP</b>	<b>(P. 3)</b>
<b>Topographical Map &amp; Claims Map</b>	<b>(P. 4)</b>
<b>Physiography, Accessibility &amp; Climate</b>	<b>(p. 5)</b>
<b>History and Work</b>	<b>(P. 5 - 6)</b>
<b>Geology</b>	<b>(p. 7)</b>
<b>Conclusions/Summary</b>	<b>(P. 7-8)</b>
<b>Sample Data Information</b>	<b>(P. 8-9)</b>
<b>Photos</b>	<b>(P. 10-18)</b>
<b>Sample/Traverse Site Maps</b>	<b>(P. 19-21)</b>
<b>Qualifications</b>	<b>(P. 22)</b>
<b>Certificates (Prospecting Course &amp; XRF Cert.</b>	<b>(P. 23-24)</b>
<b>References/Bibliography</b>	<b>(P. 25 )</b>
<b>Assay Results</b>	<b>(P. 26-3</b>



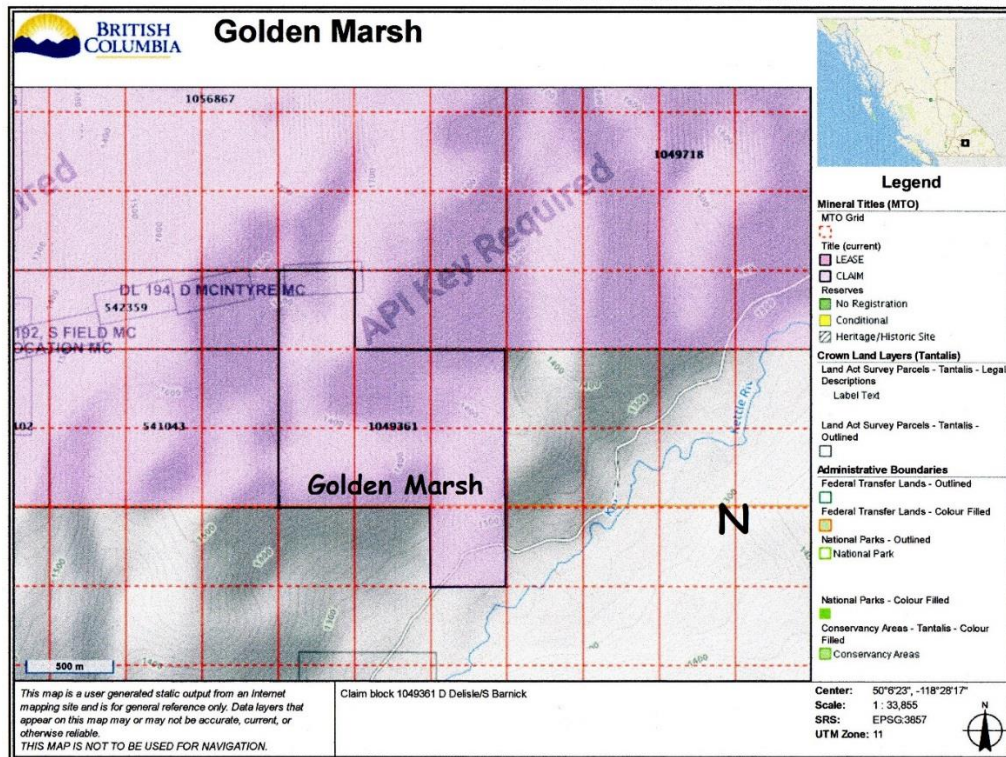
LOCATION MAP OF MARSH GOLD CLAIMS







<https://www.mtonline.gov.bc.ca/mtov/cwm/assets/print-landscape.html?18a1b073-fa42-4d99>



## **Physiography, Accessibility & Climate**

Location and Access -The property is near Monashee Pass contained within the area of; Yeoward Creek to the north, the Kettle River to the south and Highway 6 to the west. The Keefer Forestry Access road about 80 km east of Vernon along Provincial Highway 6 will bring you to the southern portion of the Golden Marsh Claim block at about the Keefer Forestry Access road 4 km sign.

## **HISTORY and WORK**

**History** - The area has seen work on it in around 1883 by an American called Al Marsh. The creek is called Marsh Creek and runs through the center of the claim. Apparently, he found nuggets up to ¼ oz in size and continued work the area until his death in 1925. A variety of placer operations worked this section of the creek throughout the years and it is presently being worked on. The reverted Crown Grant PL1310 is in the north west corner of the property and apparently has had adits sunk in to it in around the late 1800s. A Prospector called “Red Paddy” had done some exploratory work in the area (early 1900s?) but there is no information on what he did. There were some depressions in the ground that he apparently dug but this cannot be substantiated.

To the NW (about 3-4 km) the Withrow (Moonbeam) Crown Grants were discovered and worked on from the period of 1886. A mill was set up with exploratory adits sunk in of over 185 feet. Apparently, the gold values ran from 3-5 oz per T. Eventually the mill was disassembled in the 1940s with little work done on the property from that time on.

**Work** -D. Delisle/S. Barnick Prospected on July 10<sup>th</sup>, on the west side of the property and tried to find an access through a series of logging roads that did eventually bring them to the west side of the Golden Marsh claims. The ground here is covered in a glacial till with no obvious out crop. The ground dips steeply to the east and is partially logged. Samples of limestone shale float was found it was typically sub angular to rounded, suggesting that the any outcrop nearby is likely of the same material. They went south for a way and then to the north, finding small angular chunks of granitic material and a crumbly black to rusty shale. The roads do make it easier to access that western and northern part of the property for future prospecting.

Driving over to the southern part of the property but the access road was blocked be a chain. Finding an access road near to the eastern side of Golden Marsh claim. Much of the land had been logged in this area with the steep parts still wooded and brushed in (mostly in the Golden Marsh Claim). Returning back to the chained off from access walking was needed to get in to Marsh Creek, prospecting along the road up an old trail to the eastern side of the claim.

Though some outcrop was found in general the ground is covered with glacial till in the lower elevations of the property and a glacial river wash of sand, cobble and boulders. A rusty granite outcrop was found at the junction of some old trails. Nearby about 2 meters was a rusty limestone outcrop suggesting a nearby contact between the two rock types. The area is however covered with a varying thickness of glacial till (0.3m to 6 meters).

Prospecting further to the NW what seemed to be old trenches were discovered, they had sluffed in. Some were as long as 7 meters and as wide as 3 meters with a sluffed in depth around 1.5 meters. There were trenches showing only about 0.5 meters of depth. Obviously, these trenches were much deeper at the time they were dug. What they were digging for and why is a bit of a mystery. One can only suspect they were looking for the hard rock source of the gold of Marsh Creek as we were.

About 4 trenches were discovered all running approximately NE/ SW (about 120 degrees azimuth). The furthest SE trench near the limestone granite contact was partially cleaned out with a geotuck and hand-bombed rocks and other material. Eventually it was discovered that any hope of getting to bed rock would need more substantial digging implements. We were able to get down to about 2.5 meters down and 3 meters wide for part of the 3-meter-long trench. Being near the end of the day we decided that we would come back with more substantial digging and clearing tools - to reach bedrock.

On Oct 06 2017 D. Delisle prospected the Golden Marsh property again & was pleasantly surprised to find outcrop on the NE portion of the claim. Finding small 2x4 cm pieces of rusty float and following them by digging and examining the material brought me to an outcrop at the edge of the road. The material seemed to be a quartz rich limy shale. Within this outcrop were 2mm and finer specs of pyrrhotite, slightly magnetic. As well there was some angular white quartz float but digging could not find the source. Following the road to the south east an outcrop of black crumbly shale was discovered with rusty spots in the rock as well as in the lineations (46-degree strike and a 50-degree NE dip). Within 10 meters was a 0.7-meter quartz vein (striking 90 degrees striking 90 degrees). The quartz package had some fine rusty seams in the rocks fractures. This quartz vein was in contact with limestone on both sides. Continuing on to the SE the rock outcrop was predominately a grey to black limestone. A buff cream colored, 1-meter wide, crumbly limey schist outcrop- was found to have 1mm rusty veining throughout it. Strike and dip seem to follow the limey shale striking 40-50 degrees and dipping 50 to 60 degrees to the NE. Near the eastern extremity of the claim on the same road an angular float of rusty limestone with ankerite (10x15x30 cm).

The lower section of Marsh Creek and prospected on the western side from the creek towards the eastern claim boundary and north. Near the old miners cabin by the creek a heavy mafic float of rusty limestone with chalcopyrite specks was found (10x5 cm). The remaining traverse did not show anything of interest, with some seemingly barren quartz boulders; the majority of the material being a limey schist within the drainage and around it.



## **Regional Geology**

The Golden Marsh property is located on the eastern edge of the Intermontane Belt at its boundary with the Omineca Crystalline Belt. The region is underlain by variably deformed and metamorphosed sequences of Archean to Mesozoic supracrustals, including the Proterozoic and Palaeozoic Shuswap Metamorphic Complex; the Carboniferous and Permian Thompson Assemblage; and the Triassic and Jurassic Slocan and Nicola Groups. Cretaceous and/or Jurassic granitoids related to the Columbian Orogeny intrude the supracrustals in the southern region. These rocks are capped on the western side of the region by Tertiary basaltic flows and related sediments of the Kamloops Group.

## **GEOLOGY**

The property is underlain by a sequence of carbonate and lesser clastic rocks of the Permo – Triassic Cache Creek Group, intruded by granitic rocks of the northern extremity of the Nelson Batholith. The Cache Creek rocks consist mainly of blue - gray to white recrystallized limestone. Frequently the layered limestone can be with coarsely crystalline calcite grains as much as 3cm in diameter. The calcareous rocks are thick bedded and fairly massive.

Pre Quaternary outcrop exposures on the Golden Marsh property are limited to approximately less than 5% of the total area. The remaining area is covered by thick deposits of Quaternary sediments and glacial drift. The property is primarily underlain by an east-southeast trending, south to west dipping sequence of volcanic and sedimentary rocks belonging to the Carboniferous and Permian Thompson Assemblage. Jurassic Nelson Plutonic rocks of granodiorite to quartz diorite occur on the property. Several small intrusive rocks on Monashee Mountain (to the North East) are commonly associated with sulphide mineralization. The Quaternary geology is dominated by Pleistocene glacial deposits. A thick glacial till covers the older rock sequences along the Kettle River Valley walls. Glaciofluvial and fluvial sediments dominate the valley floors on the property.

Ice movement direction indicators are scarce on the property, but a regional evaluation of the topography would indicate a likely southwest direction for major ice movements in the area. Good soil profiles are developed throughout most of the property for a geochemistry survey.

## **CONCLUSIONS / SUMMARY**

There is gold in the Marsh Creek drainage - that has been proven by the amount of placer work and gold taken out of the creek. The extensive hand work done with the trenches; suggest that someone was looking for mineral and they were likely following up float and/or that there are mineralized structures running parallel to the creek drainage.

From the samples taken there is a mineralized system that is bringing gold, copper and possibly antimony.

Future follow-up work would be to use a magnetometer, self - potential and/or grid over the mineralized rock samples and trenches, to search for anomalies. The anomalies could be then followed up with a geochemical survey or trenching. Prospecting is needed to be done to those areas not already covered by the 2017 work.

## **Sample & Site Descriptions**

### ***Marsh Gold Sampling July 10th -2017***

**MG1**- Granitic out crop at the junction of to trails/roads.

**MG2** – Limestone shale rusty 5 meters NE of MG1 seems to be a contact between the types of rock.

**MG3** – Float sub- angular grey limestone shale.

**MG4** – Float - angular granite.

**MG5** – Float - angular limestone.

**MG6** – Float sub-angular rusty Limestone shale

**MG7** – Float sub-angular rusty gneiss.

**Flt GM1** – grey black limestone float (10cm x 5cm x 4 cm).

**Flt GM3** – rusty shale (5 cm x 4 cm x 3 cm).

**393** – Tailings pile?- a mixture of limestone chips, quartz & graphitic black grey limestone shale.

**397** – Red Paddy trench? Or a dry gully need to be dug into further.

**398** – Red Paddy trench? Or erosion.

**399** – Red Paddy Trench- we cleared out the debris dug in a mix of angular to sub-angular limestone, granite, rusty shale, graphitic shale /shist.

### ***Marsh Gold Sampling Oct 06 2017***

**RPD1**- Float-Light rusty to red shale slightly limy. With some feldspar and quartz... fine veining 1 mm. 11 U 394101 5551778

**RPD2**- Float- 8m south of RPD1, massive white quartz float 30 cm x 30 cm with minor rusty spots. 11 U 394102 5551772

**RPD3**- outcrop- following up to the north the float of(RPD1), 5 m north. Dug down to regolith and outcrop- that is a quartz rich rusty shale(limestone mix). Two pieces of about 5 cm square pyrrhotite (slightly magnetic) rock with the mineralization on the surface of the fracture break. 11 U 394097 5551782

**RPD4**- Outcrop Black crumbly shale with rusty beds and spots in lineations and the outcrop. The most common rock in the area. 46 degree strike and 50 degree dipping to the NE. 11 U 394136 5551704

**RPD5**- Out crop of shale limestone tan colored rotten- interspersed by a pyrite/pyrrhotite veins, about 1 meter wide. In a lesser mineralized limestone shale that seems altered at the contact of both rocks on either side. 11 U 394184 5551641

**RPD6**- quartz vein about 0.7 meter wide. Has rusty thin 1-2 mm wide seams (veins), contacts limestone on the north side and shale on the south side. Small pieces of pyrrhotite found in some of the seams. Striking 90 degrees and dipping 90 degrees. 11 U 394157 5551673

**RPD7**- Quartz limestone contact material.

**RPD8-** Limestone near contact with black crumbly shale about 15 cm wide to the north.

**RPD9-** 5 meters east of RPD6, a similar outcrop of quartz, with rusty/pyrite veining.

**RPD10-** float- 30x15xcm wide limestone ankerite with rusty lineations.

11 U 394444 5551593 1488 meters elevation

**RPD11-** float .. sample missing... and notes.

**RPD12-** float- very heavy mafic limestone mineralized with iron pyrite and small specks of chalcopyrite. 10x8cm. 11 U 394950 5550783 1294 meters Elevation.

**#542-** quartz float in creek 10 cmx 5 cm. in Marsh Creek bed.

**#543-** large barren quartz boulder in creek bed 1.2x1m(previously sampled).

Flagging: Tolko blue/green flagging – M6 StreamA- HL9130 Tolka ICFS- KF Aug 21/17.

**#544** junction of 2 roads – site of old camp.

**GM4NW** – angular, quartz float some rusty seams.

**GM4NE** – sub angular rusty limestone.

**GM4SE** – limestone calcite sub angular.





View looking down Marsh Creek to the South East.



View looking across Marsh Creek to the East.



View looking across upper Marsh Creek to the north east.



Old trench east of Marsh Creek.





Another old trench site east of Marsh Creek.



MG2 Rusty limestone shale the white looking samples are limestone.





RPD1 rusty shale limestone with fine quartz veining and pyrite/pyrrhotite.



RPD2 Quartz float some very fine grains of pyrite- barren for the most part.





**RPD3** Outcrop found by following up RPD1 NW rusty limestone shale with fine quartz pyrite/pyrrhotite veins.



**RPD4-** Outcrop Black crumbly shale with rusty beds and spots in lineations and in the bedding. The most common rock in the area.





**RPD5-** Out crop of shale limestone tan colored rotten- interspersed by a pyrite/pyrrhotite veins.



**RPD6-** quartz vein with rusty thin 1-2 mm wide seams (veins). Small pieces of pyrrhotite found in some of the seams.





**RPD7- Quartz limestone contact outcrops.**



**RPD7- Quartz limestone**





**RPD8-** Limestone near contact with black crumbly shale.



**RPD9-** outcrop of quartz, with rusty/pyrite veining.





**RPD10-** limestone ankerite with rusty lineations.



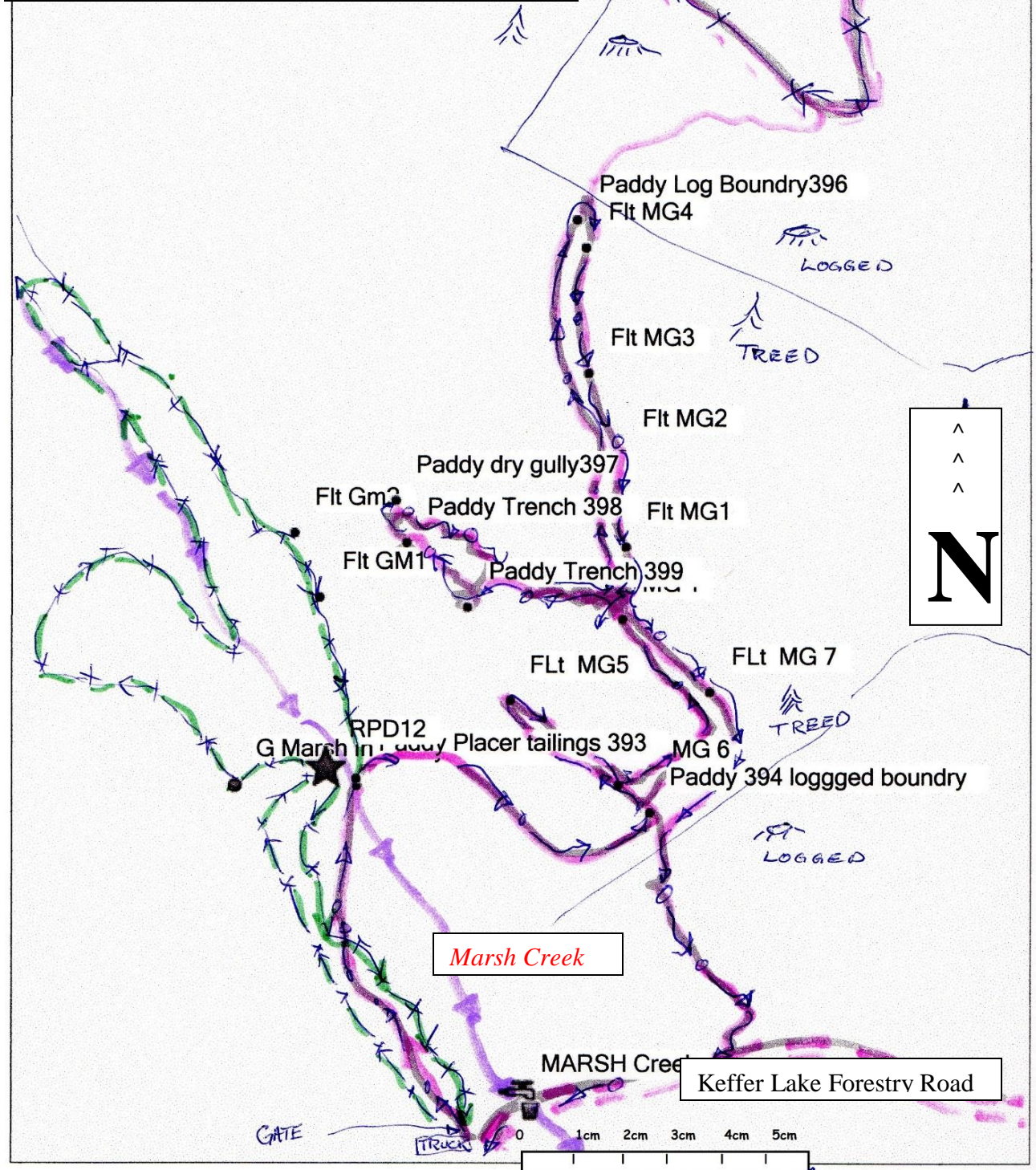
**RPD12-** float- very heavy mafic limestone mineralized with iron pyrite and small specks of chalcopyrite.



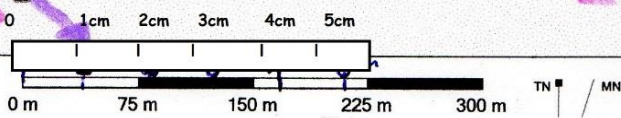




Prospecting traverse sample sites for July 10/Oct 6



Global Map

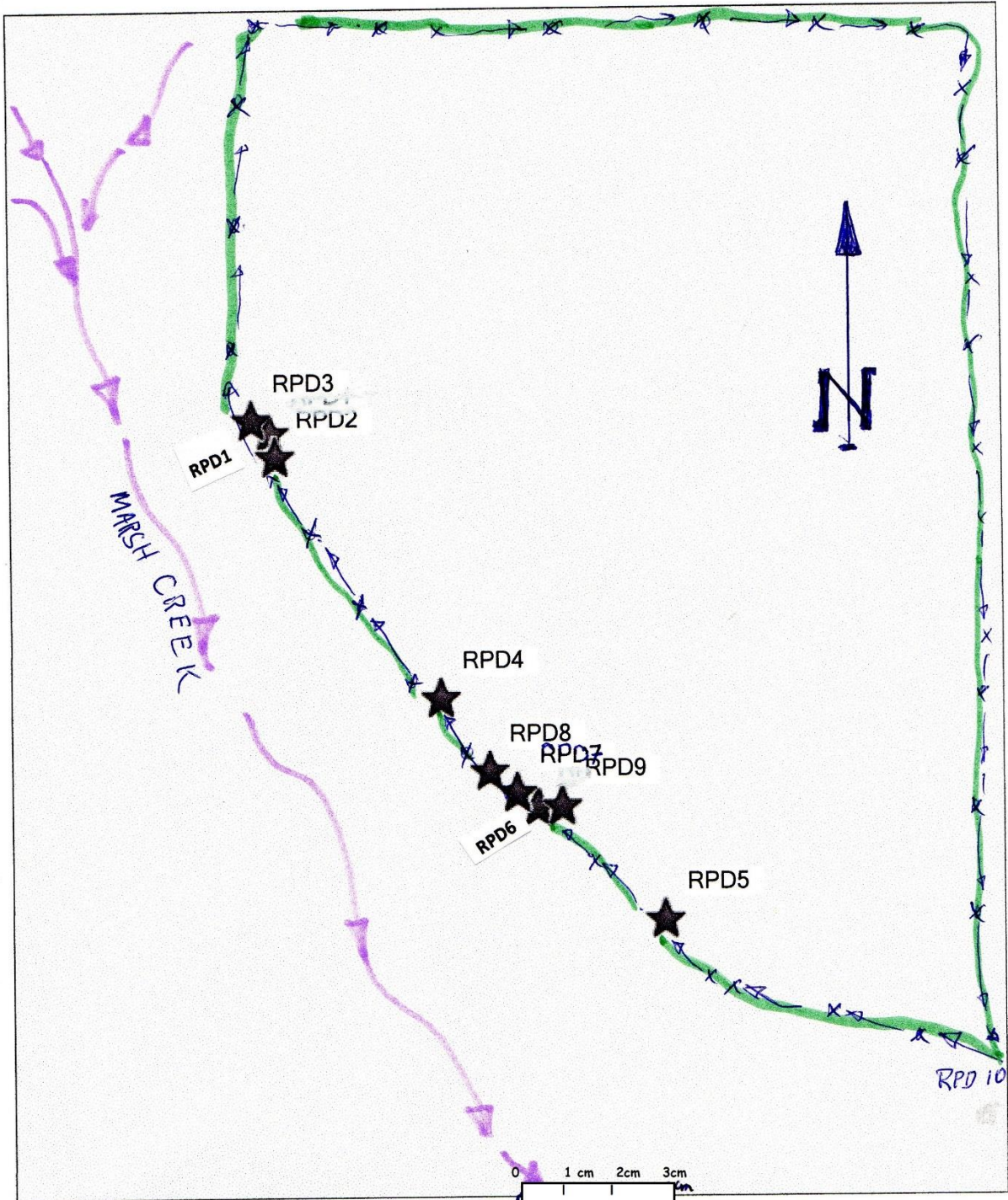


Red Paddy Golden Marsh Project D Delisle Scale: 1 cm = 42 meters

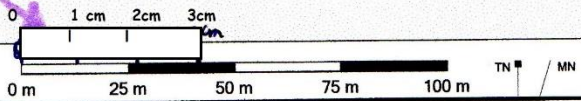
July Traverse =       October 6 Traverse = 

River =       Road = 





Global Map



Red Paddy

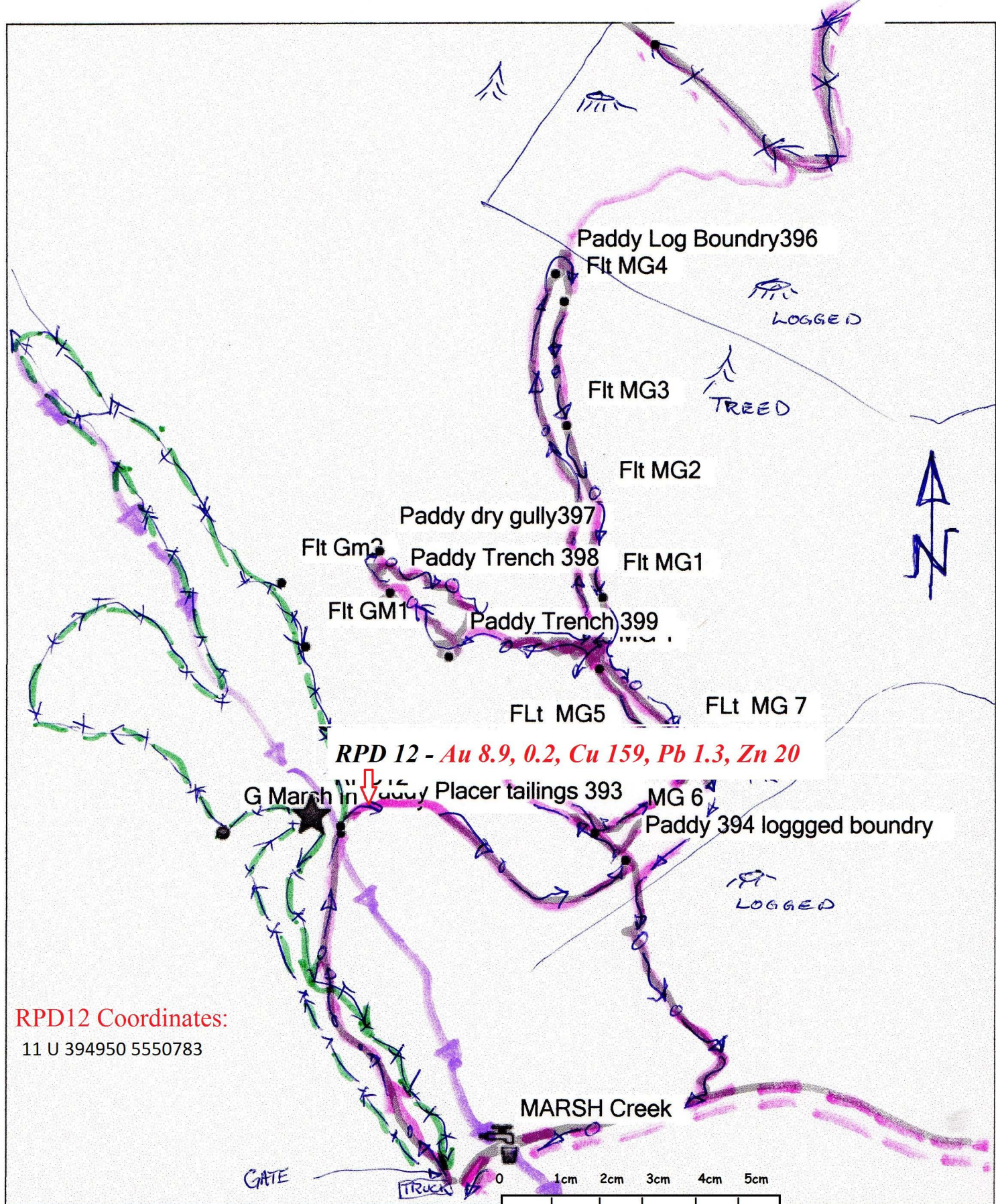
Golden Marsh Project D Delisle Scale: 1 cm = 10 meters

July Traverse =

October 6 Traverse = 

Ditch =  Road =

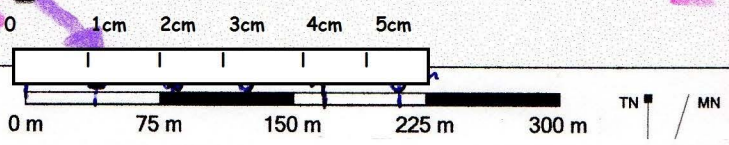




**RPD12 Coordinates:**

11 U 394950 5550783

**RPD 12 - Au 8.9, 0.2, Cu 159, Pb 1.3, Zn 20**



Global Map

Sample results are in ppm except for Gold (Au) which is in ppb.  
Copper=Cu Silver= Ag

**Golden Marsh Project D Delisle Scale: 1 cm = 42 meters**

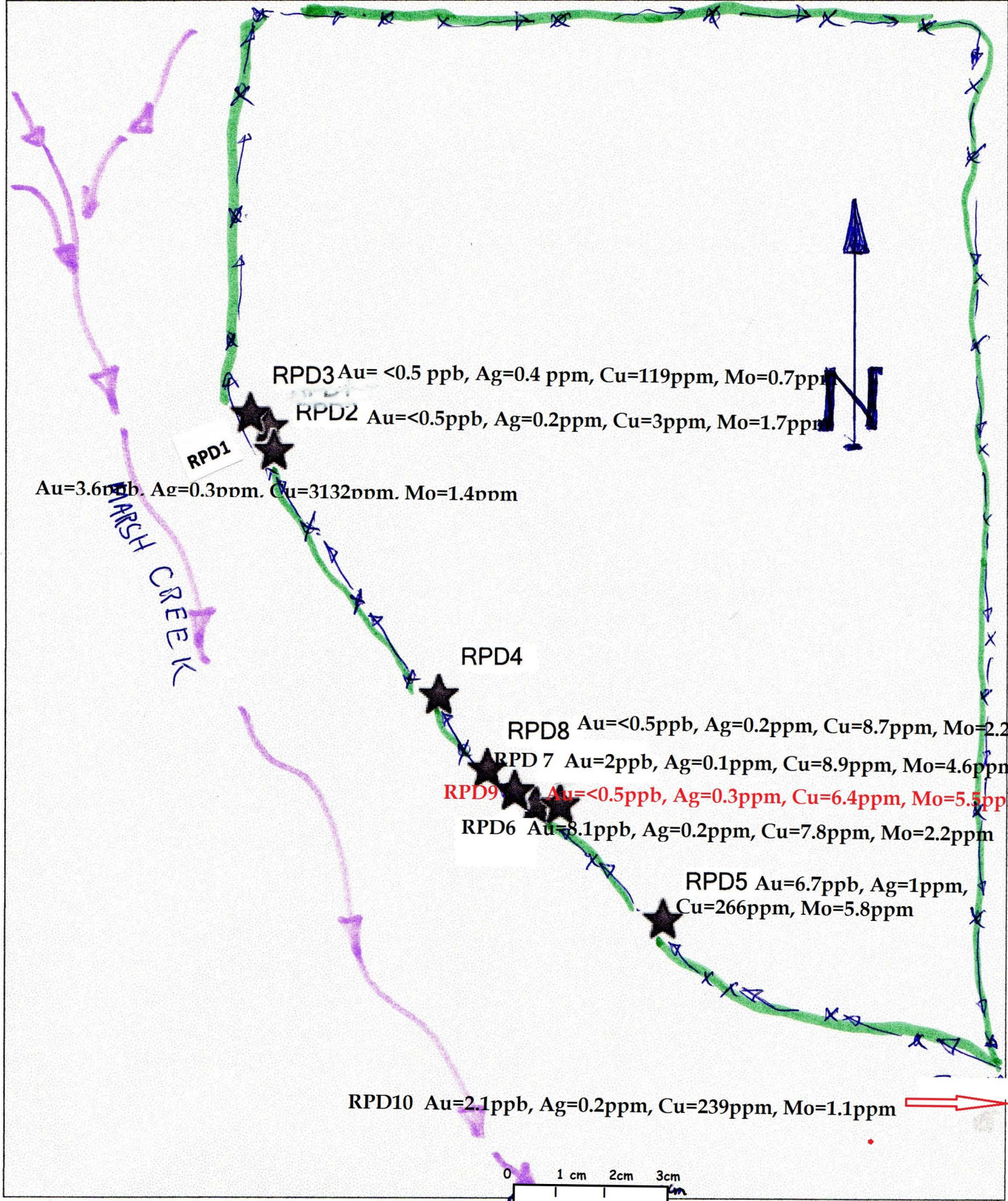
July Traverse =

October 6 Traverse =

River =

Road =





Global Map

**Red Paddy**

**Golden Marsh Project** D Delisle Scale: 1 cm = 10 meters

July Traverse = October 6 Traverse =

River = Road =

## QUALIFICATIONS

Denis Delisle has worked in the mineral exploration business for 25 years. In that time he has taken countless soil, rock, drill, chip, moss mats, sediment and glacial till samples. I have worked with a variety of geophysical equipment such magnetometers, VLF, Induced Polarity and Specific Gravity systems. I have cut and flagged many kilometers of grid lines for the above surveys and staked claims by axe and compass when that was the way, to stake claims.

I have prospected from 1987, when I completed the Malaspina College Prospectors course. I managed many crews and jobs in the mineral exploration industry. I have continually upgraded myself through out this time with courses such as:

- Malaspina Prospectors Course 1987.
- Petrology Course 1991.
- Short Courses on:
  - VMS Systems
  - Intrusive Related Gold Systems.
  - Glacial Till Sampling
  - Metallogony for Volcanic Arcs
  - Porpheries
  - Sediment Exhalative Systems
  - Restricted and Safety Guns Course
  - XRF Operators Certificate
  - Industrial Minerals
  - Sampling Procedures of MMI
  - Sampling Procedures for Glacial Till
  - Sampling Procedures for Soil Sampling
- Level 1 First Aid Course
- GPS Operations

**Steve Barnick** has been a self-educated prospector for the last 30 years and took many courses about Prospecting. Mr. Barnick has had many mining claims in BC that he has done, prospecting, drilling, geochemistry and geophysics, He has extensive knowledge of mineral deposit systems and geological structure. He has been self-educated in jewelry fabrication of the gem material from his claims & other BC locations..

He was instructed by; George Addie District Geo, Bill Plumb geologist/instructor for Kelowna Prospectors, Chuck Fipke of Diamet Minerals & Geologist Murray Morrison. As well sampled and studied at Okanagan Opal site under Bob Yorke Hardy. Completed a prospector grant in the Monashee and was supervised by Vic Preto of MEMPR. Completing Short Courses;

GAC Short Course Vol #6 Mineralization & Shear Zones

GAC Short Course #14 Structural Environment & Gold in the Canadian Cordillera

SEPM Short Course #16 Glacial Sedimentary Environments

GAC Short Course #3 Application of Geothermal Research to Mineral Exploration & Ore Genesis

GAC Short Course #6 Precambrian Lode Gold Deposits

# MALASPINA COLLEGE

In recognition of having completed the requirements  
of the

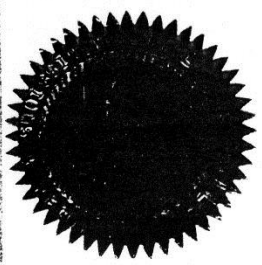
MINERAL EXPLORATION FOR PROSPECTORS PROGRAM

The Malaspina College Board, on the recommendation  
of the Faculty, grants a

## CERTIFICATE

to

DENIS DELISLE



MAY 9, 1987

Dated at Nanaimo,  
British Columbia, Canada

*[Signature]*  
Director of Admissions & Records

*[Signature]*  
Chairman of College Board  
*[Signature]*  
President  
*[Signature]*  
Dean





Province of British Columbia  
Ministry of Energy, Mines and Petroleum Resources

THIS IS TO CERTIFY THAT

Denis Delisle

HAS SUCCESSFULLY COMPLETED  
PETROLOGY FOR PROSPECTORS COURSE

AND IS HEREBY GRANTED  
THIS CERTIFICATE OF ACHIEVEMENT

V.A. Peto  
DIRECTOR OF  
PROSPECTORS' ASSISTANCE

J.A. Richard  
COURSE INSTRUCTOR  
April 1st - 9th, 1991

DATE

## References/Bibliography

- Assessment Report # 11789,  
Assessment Report # 04771,  
Assessment Report # 19209,  
Assessment Report # 12331,  
Assessment Report # 14611,  
Assessment Report # 18426,  
Assessment Report # 22827,  
Assessment Report # 23401,  
Assessment Report # 34182.  
PAP 201 # 100-3  
Ministry of Mines Annual Reports 1897,1900,1901,1903, 1904, 1905, 1907, 1914, 1915,  
1916, 1921 and 1933.  
Jones, A.G. (1959) Vernon Map-Area, British Columbia, Geol. *Surv.* Can. Mem. 296.  
Okulitch, A.V. (1979) Geology and Mineral Deposits at the Thompson-S huswap-  
Okanagan  
Region, Parts of 82 and 92, Geol. *Surv.* Can. O.F. 637.

**ASSAY RESULTS**

**Final Report**

Report Number: A17-13415		Activation Laboratories				
Report Date: 6/12/2017						
Analyte Symbol	Ag	Al	As	Au	B	
Unit Symbol	ppm	%	ppm	ppb	ppm	
Detection Limit	0.1	0.01	0.5	0.5	20	
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
RPD1	0.3	2.51	4.6	3.6	< 20	
RPD2	0.2	0.05	1.3	< 0.5	< 20	
RPD3	0.4	0.92	7.9	< 0.5	< 20	
RPD5	1	2.76	2.9	6.7	< 20	
RPD6	0.2	0.15	2.1	8.1	< 20	
RPD7	0.1	0.14	1.3	2	< 20	
RPD8	0.2	1	3.7	< 0.5	< 20	
RPD9	0.3	0.02	1.1	< 0.5	< 20	
RPD10	0.2	5.7	< 0.5	2.1	< 20	
RPD12	0.2	5.87	3.3	8.9	< 20	

RPD13	313	0.1	3.08	< 0.1	48.8
RPD10	318	< 0.1	2.01	< 0.1	40.2
RPD8	1.4	< 0.1	4.82	0.2	1
RPD8	30.4	< 0.1	38.2	0.3	<
RPD1	42.5	< 0.1	3.12	0.3	1.3
RPD8	48.1	< 0.1	1.11	0.3	4.3
RPD2	21.3	0.8	4.38	0.1	34.3
RPD3	42.1	< 0.1	0.83	< 0.1	8.2
RPD5	40.2	< 0.1	0.04	< 0.1	0.2
RPD1	133	0.4	3.11	0.3	8.8
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Detection Limit	0.2	0.1	0.04	0.1	0.1
Unit Symbol	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Ba	Bi	Ca	Cr	Co
Report Date:	6/12/2017				
Report Number:	A17-13415	Activation Laboratories			



## Final Report

Activation Laboratories					
Report Number: A17-13415					
Report Date: 6/12/2017					
Analyte Symbol	Ba	Bi	Ca	Cd	Co
Unit Symbol	ppm	ppm	%	ppm	ppm
Detection Limit	0.5	0.1	0.01	0.1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
RPD1	122	0.4	2.11	0.2	6.6
RPD2	10.5	< 0.1	0.01	< 0.1	0.5
RPD3	43.7	< 0.1	0.63	< 0.1	8.5
RPD5	57.3	0.8	1.16	0.1	21.3
RPD6	19.7	< 0.1	1.71	0.2	1.3
RPD7	15.2	< 0.1	2.75	0.3	1.2
RPD8	20.1	< 0.1	28.5	0.2	4
RPD9	7.4	< 0.1	1.93	0.5	1
RPD10	21.8	< 0.1	5.07	< 0.1	40.5
RPD12	21.3	0.1	3.06	< 0.1	45.8

## Final Report

Activation Laboratories					
Report Number: A17-13415					
Report Date: 6/12/2017					
Analyte Symbol	K	La	Mg	Mn	Mo
Unit Symbol	%	ppm	%	ppm	ppm
Detection Limit	0.01	1	0.01	1	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
RPD1	0.66	34	1	360	1.4
RPD2	0.01	< 1	0.02	86	1.7
RPD3	0.03	7	0.22	381	0.7
RPD5	0.43	5	0.89	291	5.8
RPD6	0.06	< 1	0.06	365	2.2
RPD7	0.05	< 1	0.08	453	4.6
RPD8	0.26	4	1.43	813	2.2
RPD9	< 0.01	7	0.02	414	5.5
RPD10	0.05	5	2.37	460	1.1
RPD12	0.08	3	1.05	1020	1.5

## Final Report

Activation Laboratories					
Report Number: A17-13415					
Report Date: 6/12/2017					
Analyte Symbol	Cr	Cu	Fe	Ga	Hg
Unit Symbol	ppm	ppm	%	ppm	ppm
Detection Limit	1	0.1	0.01	1	0.01
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
RPD1	20	132	4.8	6	0.02
RPD2	19	3	0.36	< 1	0.01
RPD3	20	119	2.85	4	< 0.01
RPD5	10	266	7.9	10	< 0.01
RPD6	23	7.8	0.74	< 1	< 0.01
RPD7	29	8.9	0.69	< 1	< 0.01
RPD8	16	8.7	1.43	2	< 0.01
RPD9	28	6.4	0.97	< 1	< 0.01
RPD10	13	239	8.96	14	0.01
RPD12	8	159	8.03	13	< 0.01

## Final Report

Report Number: A17-13415	Activation Laboratories				
Report Date: 6/12/2017					
Analyte Symbol	Na	Ni	P	Pb	S
Unit Symbol	%	ppm	%	ppm	%
Detection Limit	0.001	0.1	0.001	0.1	1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
RPD1	0.088	9.1	0.775	18.3	< 1
RPD2	0.022	2.3	0.001	0.8	< 1
RPD3	0.18	7.7	0.068	0.5	< 1
RPD5	0.136	7.1	0.109	6.1	< 1
RPD6	0.023	3.8	0.009	2.8	< 1
RPD7	0.019	3.3	0.006	4.6	< 1
RPD8	0.015	14.1	0.014	3.5	< 1
RPD9	0.017	3.1	0.001	4.6	< 1
RPD10	0.174	17.3	0.13	0.6	4
RPD12	0.568	21.7	0.15	1.3	4

## Final Report

Report Number: A17-13415	Activation Laboratories				
Report Date: 6/12/2017					
Analyte Symbol	Sb	Sc	Se	Sr	Te
Unit Symbol	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.1	0.1	0.5	1	0.2
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
RPD1	3.6	10.3	3.4	81	0.3
RPD2	0.3	0.3	< 0.5	1	< 0.2
RPD3	0.9	11.8	0.7	23	< 0.2
RPD5	0.8	17.6	6.6	63	0.2
RPD6	0.2	0.8	< 0.5	52	< 0.2
RPD7	0.2	0.7	< 0.5	70	< 0.2
RPD8	0.3	3.6	0.6	391	< 0.2
RPD9	0.2	0.9	< 0.5	32	< 0.2
RPD10	0.2	15.7	0.7	67	< 0.2



## Final Report

Activation Laboratories					
Report Number: A17-13415					
Report Date: 6/12/2017					
Analyte Symbol	Th	Ti	Ti	V	W
Unit Symbol	ppm	%	ppm	ppm	ppm
Detection Limit	0.1	0.001	0.1	2	0.1
Analysis Method	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
RPD1	2.6	0.063	0.2	75	0.6
RPD2	0.1	0.002	< 0.1	< 2	< 0.1
RPD3	1.1	0.269	< 0.1	91	0.1
RPD5	0.7	0.548	0.1	264	0.2
RPD6	0.1	0.002	< 0.1	4	< 0.1
RPD7	< 0.1	0.004	< 0.1	3	< 0.1
RPD8	0.5	0.049	< 0.1	28	< 0.1
RPD9	0.2	< 0.001	< 0.1	2	< 0.1
RPD10	0.5	0.165	< 0.1	249	< 0.1
RPD12	0.6	0.064	< 0.1	110	< 0.1

## Final Report

## Activation Laboratories

Report Number: A17-13415	
Report Date: 6/12/2017	
Analyte Symbol	Zn
Unit Symbol	ppm
Detection Limit	1
Analysis Method	AR-MS
RPD1	60
RPD2	5
RPD3	65
RPD5	15
RPD6	12
RPD7	13
RPD8	22
RPD9	45
RPD10	73
RPD12	20

Exploration Work type	Comment	Days			Totals
<b>Personnel (Name)* / Position</b>	<b>Field Days (list actual days)</b>	<b>Days</b>	<b>Rate</b>	<b>Subtotal*</b>	
Denis Delisle Geo Technician/Prospector/Supervisor	July 10/ October 06	2	\$400.00	\$800.00	
Steve Barnick / Prospector	July 10/ October 10	1	\$300.00	\$300.00	
				\$1,100.00	<b>\$1,100.00</b>
					<b>\$1,600.00</b>
<b>Office Studies</b>	<b>List Personnel (note - Office only, do not include field days)</b>				
Literature search	May 7 & 8	1.0			
Database compilation					
Computer modelling			\$0.00	\$0.00	
Organizing samples,	15-Oct	1.0			
General research	May 7 & 8	3.0	\$20.00	\$60.00	
Report preparation	2 day Dec 1 & 8th 2017	4.0	\$20.00	\$80.00	
Other (specify)					
				\$140.00	<b>\$140.00</b>
	<b>Line Kilometres / Enter total invoiced amount</b>				
<b>Ground Exploration Surveys</b>	<b>Area in Hectares/List Personnel</b>				
<b>Ground geophysics</b>	<b>Line Kilometres / Enter total amount invoiced list personnel</b>				
				\$0.00	<b>\$0.00</b>
<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
	to be done at future date		\$0.00	\$0.00	
			\$0.00	\$0.00	
<b>Soil</b>	<i>note: This is for assays or laboratory costs</i>		\$0.00	\$0.00	
Rock		10.0	\$29.00	\$290.00	
Water			\$0.00	\$0.00	
			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
	included in costs below		\$0.00	\$0.00	
				\$290.00	<b>\$290.00</b>
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
truck rental	4x4	3.00	\$70.00	\$210.00	
kilometers	4x4(Enderby-)	560.00	\$0.68	\$380.80	



ATV Rental				\$0.00	
fuel				\$130.00	
ATV Transportation Costs					
Trailer for ATV					
Other-					
				\$720.80	<b>\$720.80</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel					
food costs	meal per Worker	3.00	\$15.00		
			\$0.00	\$0.00	
				\$0.00	<b>\$15.00</b>
<b>Miscellaneous</b>					
Telephone,internet, cell, inreach		2.00		\$20.00	
flagging, sample bags, nails, waterproof paper,					
Pencils, tags, topophil and pentals.					
<b>Equipment Rentals</b>					
Field Gear (Specify)Soil tester					
Gun Protection	Preditor safety	2.00			
GPS	locate sample sites	2.00			
Magnetometer		2.00			
Chainsaw	Clearing obstructions	3.00	\$30.00	\$90.00	
Truck loggingVHS handhelds Radio	Communication safety on roads	2.00			
				\$110.00	<b>\$110.00</b>
<b>Freight, rock samples</b>					
<b>rock chip samples delivery to</b>	Kamloops	10.0			
			\$0.00	\$0.00	
					<b>\$0.00</b>
					<b>\$3,540.50</b>
<b>TOTAL Expenditures</b>					

Quality Analysis ...



Innovative Technologies

This is your final copy. If you require an original to be mailed by post please advise, otherwise this email will be deemed sufficient.

Invoice No.: A17-13415  
Purchase Order:  
Invoice Date: 08-Dec-17  
Date submitted: 24-Nov-17  
Your Reference: Golden Marsh  
GST #: R121979355

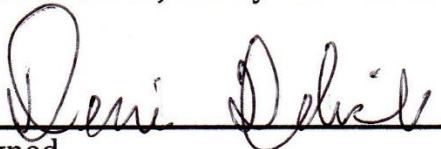
Delisle Exploration Ser,  
581 Enderby Griniras Road

ATTN Denis Delisle

### INVOICE

No. samples	Description	Unit Price	Total
10	RX1-T (Kamloops)	\$ 11.00	\$ 110.00
10	UT-1M-Kamloops	\$ 17.00	\$ 170.00
		Subtotal: :	\$ 280.00
		GST-BC-5% :	\$ 14.00
		<b>AMOUNT DUE: (CAD) :</b>	<b>\$ 294.00</b>

Author of this Report  
Denis Delisle January 05 2018

  
Signed