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Golden Valley Mines Ltd.
Mines de la Vallée de l'Or ltée

Prospecting Over the Matachewan Property Cairo Township, Ontario

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1. SURVEY DETAILS

1.1 PROJECT NAME

This project is known as the **Matachewan Property**.

1.2 CLIENT

Golden Valley Mines Ltd.
152 Chemin de la Mine Ecole
Val D'Or, Quebec
J9P 7B6

1.3 LOCATION

The Matachewan Property is located approximately 1.4 kilometers north-northeast of the town of Matachewan, Ontario. The property consists 12 mining claims numbered 1014711 through 1014718, 1014722 through 1014724 and 4255373 located in Cairo Township, within the Larder Lake Mining Division

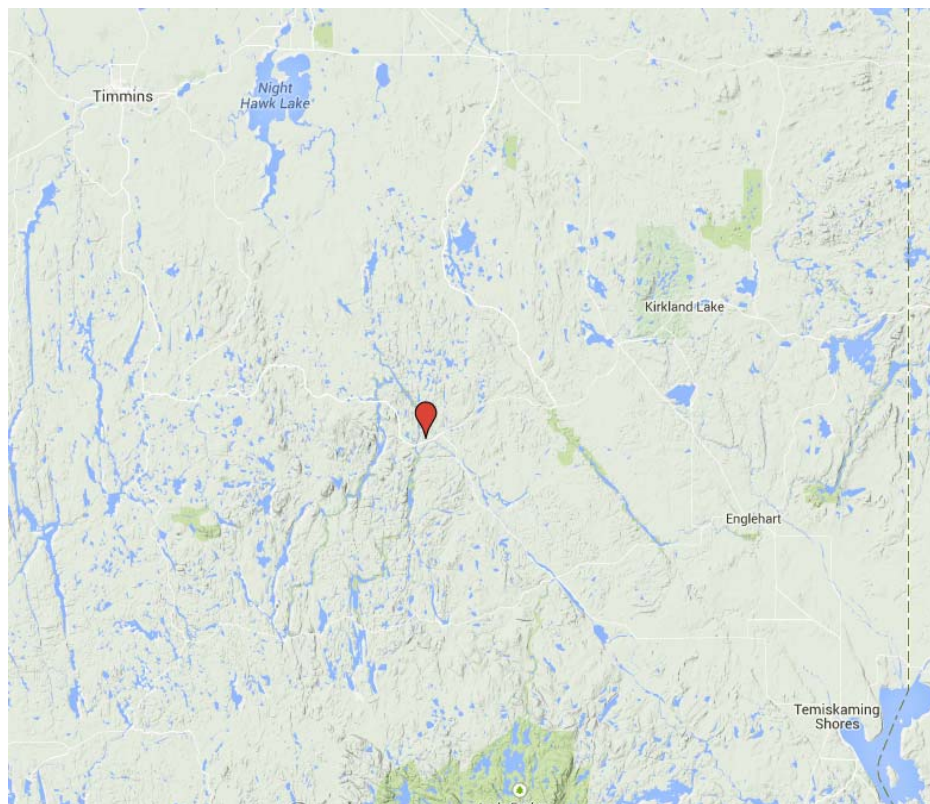


Figure 1: Location of Matachewan Property

1.4 ACCESS

Access to the property can be attained approximately 1.7 kilometers east of the town of Matachewan along highway 66. From here, an old road extends northward for 1250 meters to the claim group.

1.5 GENERAL GEOLOGY

The Matachewan Property is located approximately 4 km east of the Young-Davidson and Matachewan Consolidated Mines deposits. The property is generally underlain by Timiskaming sediments. These are characterized by alternating beds of conglomerates and wackes. The wackes are the most widespread unit on the property and often show gradual contacts with the conglomerates which occur as discontinuous lenses. Clasts within the conglomerates are polymictic. The Timiskaming sediments on the property show evidence of folding. Pearson (1989) suggests two episodes of folding have affected the sediments.

Many trachytic syenite dykes have been mapped on the property. Their width varies from a few meters to tens of meters. They generally strike east-west and dip sub-vertically. The syenites are usually reddish gray in color due to moderate to intense hematitic alteration. Based on the regional geological map of Lovell (1967), the syenite is thought to correspond to the eastern extension of those hosting the Young-Davidson deposits.

North-south trending diabase dykes of the Matachewan series are common on the property. They typically range a few meters in width and often fill some of the older north-trending faults and fractures.

Structurally, the property is bordered to the west by the Montreal River Fault, while the Northwest trending Knott Lake Fault follows the long axis of the lake. Other faults and shear zones have been mapped on the property, the most common trending N70E and often follow the contacts of the syenite dykes.

1.6 PREVIOUS WORK

1966	Midrim Mining Company Limited	Magnetometer and VLF surveys
1981	Pamour Porcupine Ming Corp.	VLF, Geology and 3 Trenches
1982	Pamour Porcupine Ming Corp.	Humus and Soil Geochemistry, Magnetometer Survey, VLF survey
1986	Asarco Exploration Company of Canada Ltd.	2 Trenches and Till sampling
1988	Gold Fields Canadian Mining Ltd.	Rock Sampling
1989	Exploration BREX Inc.	Geological mapping, 4 Diamond Drilling holes totaling 1750m
1996	Kalahari Resources Inc. and Panterra Minerals Inc.	Line cutting, VLF and 5 diamond drill holes totaling 576 meters
2012	Golden Valley Mines Ltd.	Prospecting

Table 1: Previous Work

2. WORK UNDERTAKEN

2.1 PERSONNEL

Bruce Lavalley and Claudia Moraga, both of Britt, Ontario, collected samples and performed all of the prospecting traverses.

2.2 PURPOSE

The main purpose of the prospecting traverses was investigate the areas surrounding a historic Humus Gold Trend located by Pamour Mining. This trend crossed the northern part of the property. A historic IP survey was also performed on the property. No records of the survey were available, other than the location of the anomalies. These anomalous regions were also prospected.

3. PROSPECTING DIARY AND NOTES

ALL SAMPLES WERE TAKEN FOR REFERENCE PURPOSES ONLY!

3.1 DAILY DIARY

- **3.1.2 OCTOBER 1, 2015**

Locate access to the property and begin traverses. The traverse distance on October 1 totaled 6 kilometers. These traverses targeted the humus geochem anomaly region.

During these traverse only two outcrop regions were located. Reference samples were collected at each location.



Figure 2: Sample Location 34462

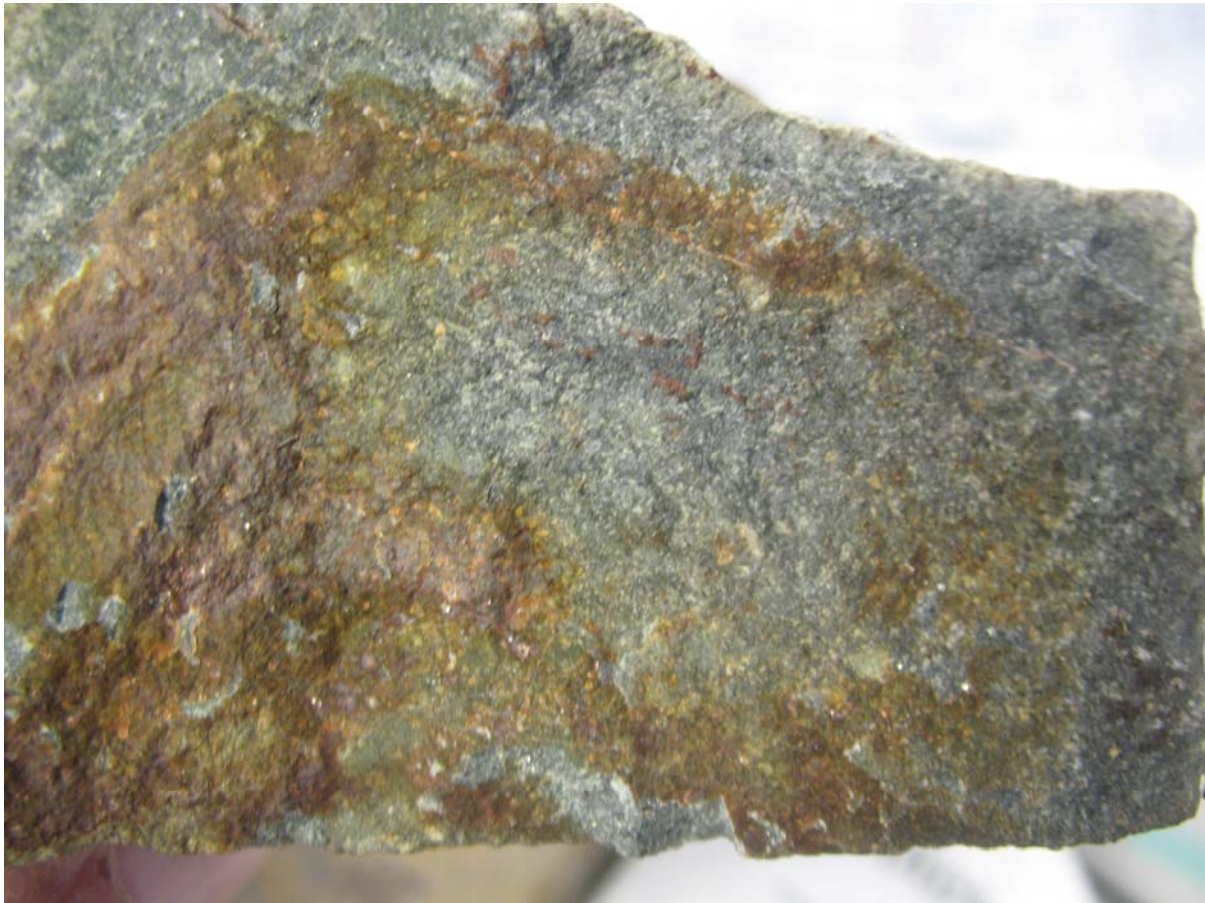


Figure 3: Sample 34462

Sample 34462 was collected from UTM coordinates, NAD 83, Zone 17, 526828E and 5312393N. The sample appears to be a volcanic with a finely disseminated pyrite mineralization. The fauna in this region was a mixed bush.



Figure 4: Sample 34408

Sample 34408 was collected from UTM coordinates, NAD 83, Zone 17, 527736E and 5312262N. The sample appears to be a volcanic with a finely disseminated pyrite mineralization. The fauna in this region was a mixed bush.

Both of these reference samples appear extremely dense and may be related to the humus gold anomaly. These samples should also produce an IP anomaly which may explain one of the IP anomalies noted in the prospecting area. The remaining traversed region appears to be underlain by overburden with a coverage of mostly mixed poplar/birch forest.

- **3.1.2 OCTOBER 2, 2015**

The traverse distance on October 2 totaled 9.2 kilometers. These traverses targeted the IP anomalies in the region. The northeast corner of the traverse area was designated by the bearing post of the neighboring claim.



Figure 5: Bearing Post for Neighboring Claim

During these traverse only two outcrop regions were located. Reference samples were collected at each location.



Figure 6: Outcrop Location for Sample 34463



Figure 7: Sample 34463

Sample 34463 was collected from UTM coordinates, NAD 83, Zone 17, 527297E and 5312483N. The sample appears to be a volcanic with a finely disseminated pyrite mineralization. The fauna in this region was a mixed bush.



Figure 8: Sample 34409

Sample 34463 was collected from UTM coordinates, NAD 83, Zone 17, 527101E and 5312106N. The sample appears to be a volcanic with a finely disseminated pyrite mineralization. The fauna in this region was a mixed bush.

Both of these reference samples appear extremely dense. These samples should also produce an IP anomaly which may explain one of the IP anomalies noted in the prospecting area. The remaining traversed region appears to be underlain by overburden with a coverage of mostly mixed poplar/birch forest

4. OVERVIEW OF RESULTS

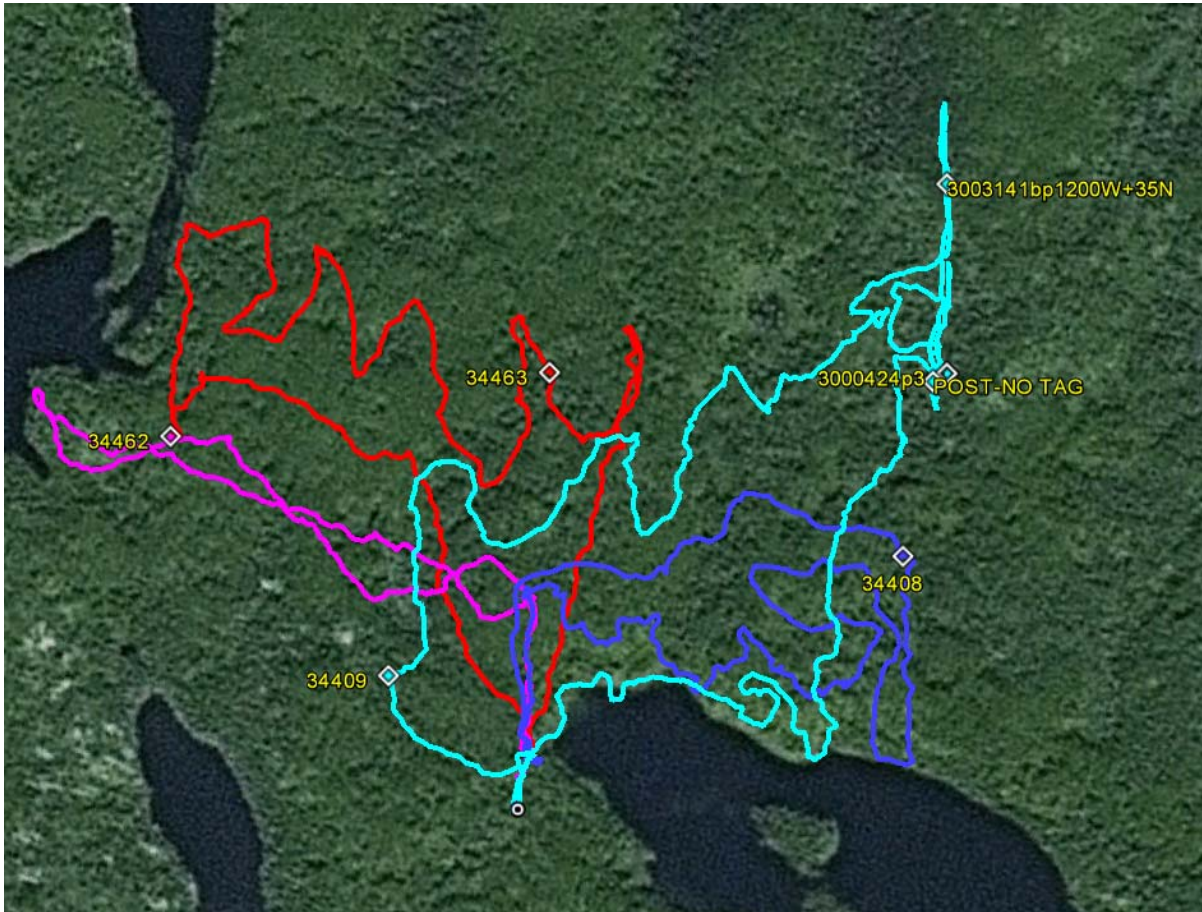


Figure 9: Google Image with Traverses

Only four outcrop locations were discovered over the northern part of the claim group. Of these all of the samples contained disseminated sulfides. These may have explained the anomalies that were targeted.

The historic anomalies are not georeferenced and the grids no longer exists. The IP survey results that provided the target does not appear to be in the public record. I would recommend repeating this survey with modern equipment to re-define the targets, which would allow for better targeting of future programs.

APPENDIX A

STATEMENT OF QUALIFICATIONS

I, C. Jason Ploeger, hereby declare that:

1. I am a professional geophysicist with residence in Larder Lake, Ontario and am presently employed as a Geophysicist and Geophysical Manager of Canadian Exploration Services Ltd. of Larder Lake, Ontario.
2. I am a Practising Member of the Association of Professional Geoscientists, with membership number 2172.
3. I graduated with a Bachelor of Science degree in geophysics from the University of Western Ontario, in London Ontario, in 1999.
4. I have practiced my profession continuously since graduation in Africa, Bulgaria, Canada, Mexico and Mongolia.
5. I am a member of the Ontario Prospectors Association, a Director of the Northern Prospectors Association and a member of the Society of Exploration Geophysicists.
6. I do not have nor expect an interest in the properties and securities of **Golden Valley Mines Ltd.**
7. I am responsible for the final processing and validation of the survey results and the compilation of the presentation of this report. The statements made in this report represent my professional opinion based on my consideration of the information available to me at the time of writing this report.



C. Jason Ploeger, P.Geo., B.Sc.
Geophysical Manager
Canadian Exploration Services Ltd.

Larder Lake, ON
October 5, 2015

APPENDIX B

GARMIN GPS MAP 62S



Physical & Performance:	
Unit dimensions, WxHxD:	2.4" x 6.3" x 1.4" (6.1 x 16.0 x 3.6 cm)
Display size, WxH:	1.43" x 2.15" (3.6 x 5.5 cm); 2.6" diag (6.6 cm)
Display resolution, WxH:	160 x 240 pixels
Display type:	transflective, 65-K color TFT
Weight:	9.2 oz (260.1 g) with batteries
Battery:	2 AA batteries (not included); NiMH or Lithium recommended
Battery life:	20 hours
Waterproof:	yes (IPX7)
Floats:	no
High-sensitivity receiver:	yes

Interface:	high-speed USB and NMEA 0183 compatible
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Maps & Memory:	
Basemap:	yes
Preloaded maps:	no
Ability to add maps:	yes
Built-in memory:	1.7 GB
Accepts data cards:	microSD™ card (not included)
Waypoints/favorites/locations:	2000
Routes:	200
Track log:	10,000 points, 200 saved tracks

Features & Benefits:	
Automatic routing (turn by turn routing on roads):	yes (with optional mapping for detailed roads)
Electronic compass:	yes (tilt-compensated, 3-axis)
Touchscreen:	no
Barometric altimeter:	yes
Camera:	no
<u>Geocaching-friendly:</u>	yes (paperless)
<u>Custom maps compatible:</u>	yes
Photo navigation (navigate to geotagged photos):	yes
Outdoor GPS games:	no
Hunt/fish calendar:	yes
Sun and moon information:	yes

Tide tables:	yes
Area calculation:	yes
Custom POIs (ability to add additional points of interest):	yes
Unit-to-unit transfer (shares data wirelessly with similar units):	yes
Picture viewer:	yes
Garmin Connect™ compatible (online community where you analyze, categorize and share data):	yes

- *Specifications obtained from www.garmin.com*



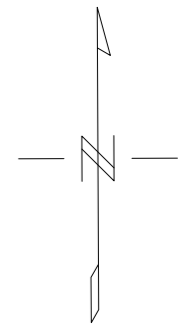
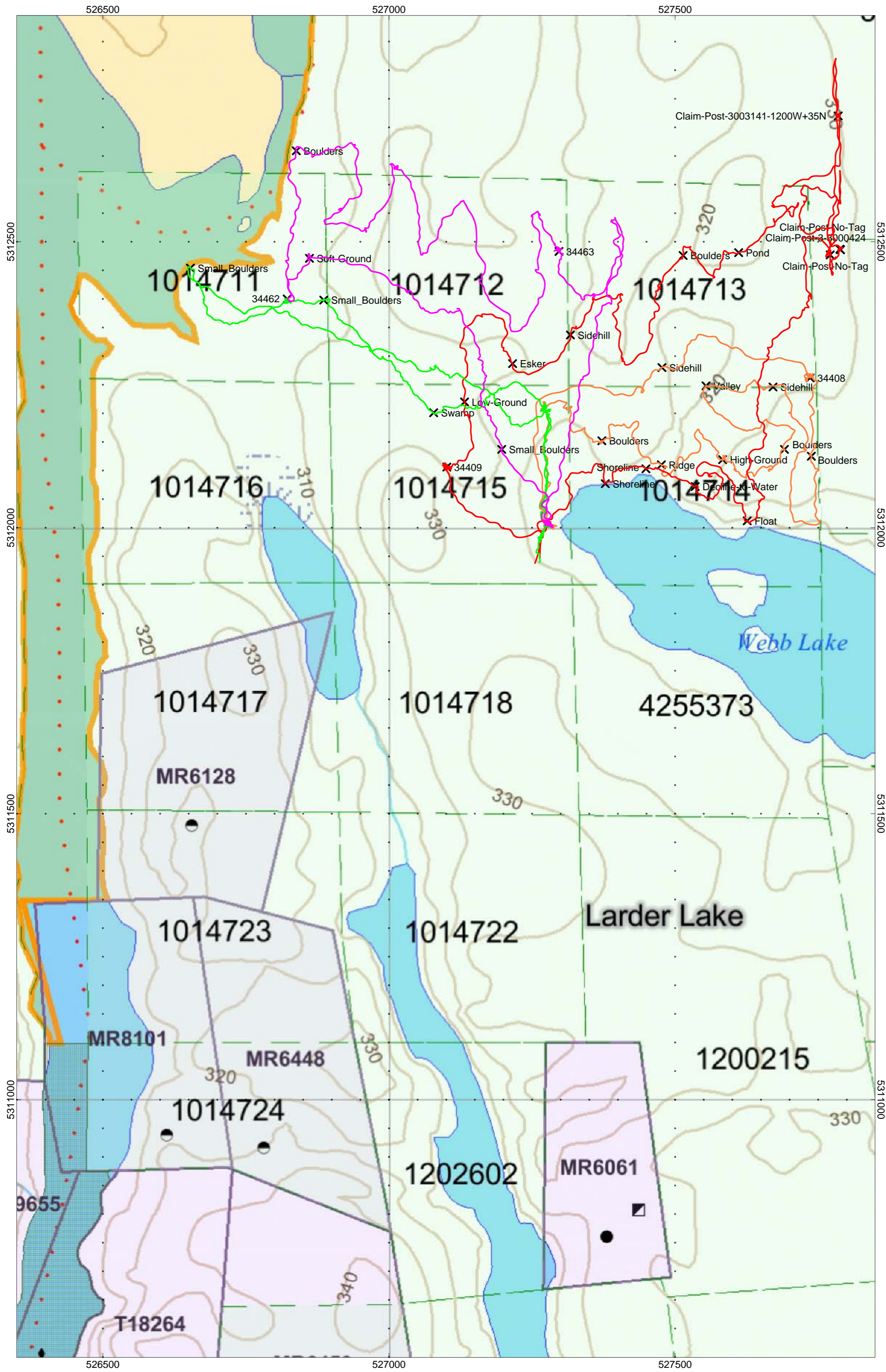
APPENDIX C

LIST OF MAPS (IN MAP POCKET)

Posted contoured TFM plan map (1:5000)

- 1) GOLDEN VALLEY-MATACHEWAN-PROSPECTING

TOTAL MAPS = 1



- PROSPECTING TRAVERSES
- October 1, 2015 - Bruce
 - October 1, 2015 - Claudia
 - October 2, 2015 - Bruce
 - October 2, 2015 - Claudia



Golden Valley Mines Ltd.
Mines de la Vallée de l'Or Itée

MATACHEWAN PROPERTY
Cairo Township, Ontario

PROSPECTING TRAVERSES
October 1-2, 2015

Traverse Completed by: Bruce Lavalley
and Claudia Moraga
Map Drawn By:
C Jason Ploeger, P.Geo, B.Sc.
October, 2015



Drawing: GOLDEN VALLEY-MATACHEWAN-PROSPECTING

