



BC Geological Survey  
Assessment Report  
37856



Ministry of Energy and Mines  
BC Geological Survey

ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)] TOTAL COST  
Geological and Geophysical Report on the Pip Property, Watson Lake Area, Liard Mining Division, British Columbia \$2750.00

AUTHOR(S) David Bridge, P. Geo. SIGNATURE(S) *David Bridge*

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) \_\_\_\_\_ YEAR OF WORK 2018

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 5713542 (2018/Sep/27)

PROPERTY NAME Pip Property

CLAIM NAME(S) (on which work was done) Tenure (1055594)

COMMODITIES SOUGHT copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 104P 060

MINING DIVISION Liard NTS 093P/12E

LATITUDE 59 ° 44 ' 14 " LONGITUDE 129 ° 42 ' 40 " (at centre of work)

OWNER(S)  
1) Jedway Enterprises Ltd. 2) \_\_\_\_\_

MAILING ADDRESS  
104-19286 21st Avenue  
Surrey, BC V3S 3M3

OPERATOR(S) [who paid for the work]  
1) Jedway Enterprises Ltd. 2) \_\_\_\_\_

MAILING ADDRESS  
104-19286 21st Avenue  
Surrey, BC V3S 3M3

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
Atan Group - Rosella Formation, Kechika Group, silicified limestone, epithermal copper, VLF-EM anomaly,  
Total Residual Field Magnetic anomaly, Eocene buried intrusive

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 6087, 8627

| TYPE OF WORK IN THIS REPORT                       | EXTENT OF WORK (IN METRIC UNITS) | ON WHICH CLAIMS | PROJECT COSTS APPORTIONED (incl. support) |
|---|----------------------------------|-----------------|---|
| <b>GEOLOGICAL (scale, area)</b>                   |                                  |                 |   |
| Ground, mapping _____                             |                                  |                 |   |
| Photo interpretation _____                        |                                  |                 |   |
| <b>GEOPHYSICAL (line-kilometres)</b>              |                                  |                 |   |
| Ground  |                                  |                 |   |
| Magnetic _____                                    |                                  |                 |   |
| Electromagnetic <i>VLF-EM Interpretation 90ha</i> |                                  | 1055594         | 2750                                      |
| Induced Polarization _____                        |                                  |                 |   |
| Radiometric _____                                 |                                  |                 |   |
| Seismic _____                                     |                                  |                 |   |
| Other _____                                       |                                  |                 |   |
| Airborne _____                                    |                                  |                 |   |
| <b>GEOCHEMICAL</b>                                |                                  |                 |   |
| (number of samples analysed for ...)              |                                  |                 |   |
| Soil _____  |                                  |                 |   |
| Silt _____  |                                  |                 |   |
| Rock _____  |                                  |                 |   |
| Other _____                                       |                                  |                 |   |
| <b>DRILLING</b>                                   |                                  |                 |   |
| (total metres; number of holes, size)             |                                  |                 |   |
| Core _____  |                                  |                 |   |
| Non-core _____                                    |                                  |                 |   |
| <b>RELATED TECHNICAL</b>                          |                                  |                 |   |
| Sampling/assaying _____                           |                                  |                 |   |
| Petrographic _____                                |                                  |                 |   |
| Mineralographic _____                             |                                  |                 |   |
| Metallurgic _____                                 |                                  |                 |   |
| <b>PROSPECTING (scale, area)</b> _____            |                                  |                 |   |
| <b>PREPARATORY/PHYSICAL</b>                       |                                  |                 |   |
| Line/grid (kilometres) _____                      |                                  |                 |   |
| Topographic/Photogrammetric (scale, area) _____   |                                  |                 |   |
| Legal surveys (scale, area) _____                 |                                  |                 |   |
| Road, local access (kilometres)/trail _____       |                                  |                 |   |
| Trench (metres) _____                             |                                  |                 |   |
| Underground dev. (metres) _____                   |                                  |                 |   |
| Other _____                                       |                                  |                 |   |
| <b>TOTAL COST</b>                                 |                                  |                 | <b>\$2750.00</b>                          |

Jedway Enterprises Ltd.  
104-19286 21<sup>st</sup> Ave, Surrey, BC V3S 3M3

Geological and Geophysical Report on the Pip Property, Watson Lake  
Area, Liard Mining Division, British Columbia

Trim 104P072

Latitude 59°44'14"North  
Longitude 129° 42'40" West

Program: September 20 to 22, 2018

Author: David Bridge, P.Geo  
1580-132B Street, Surrey, BC, V4A 6J2

Date: October 26, 2018

### Summary:

The Pip Property is located on BCGS Map 104P072 and it is roughly 20 kilometers south of the British Columbia – Yukon border and southwest of Watson Lake, Yukon. The area of interest is roughly centered at Latitude 59°44'14" North and Longitude 129°42'40" West. A geophysical and geological program of interpretation using Google Earth photos and BC Trim maps from [www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca) covering the Pip Property coupled with analysis and interpretation of the ground VLF –EM map from assessment report 6047 and diamond drill logs from assessment report 8627 indicated that more exploration and sampling of the copper mineralization is needed.

The copper mineralization is at the faulted contact between Lower Cambrian limestone of the Rosnella Formation and calcareous shales of the Cambrian to Ordovician Kechika Group and assays up to 1.36% copper over 25 meters (Assessment Report 6047) and consist of faulted quartz-chalcopyrite-chalcocite-pyrite veins in a silicified limestone. A residual total field magnetic map on [www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca) indicates a magnetic anomaly approximately 2 kilometers to the southeast of the Pip Property mineralization which might be the faulted and offset heat and magmatic source of the copper mineralization and it might be of possible Eocene or ??Cretaceous in age. This mineralization make a small rise in the topography and correlates to roughly a 10° VLF-EM anomaly of second order in the VLF-EM survey published in 1976 (Assessment Report 6047). This highly faulted sulphide mineralization isolated the blocks of sulphides and quartz resulting in a lower VLF-EM signal from the mineralization even though the mineralization assayed 1.36% copper over 25 meters. Diamond drilling in 1979 by Donegal Resources Inc. of the copper mineralization indicates that the weak VLF-EM signal is misleading recording only a shallow depth to the mineralization due to the highly faulted nature of it and the mineralization continues to depth greater than 6.5 meters which makes it an attractive target for shallow surface extraction of the mineralization if the environmental, copper metal price and logistics and access and recovery of the mineralization could be addressed.

More diamond drilling using a larger core size is needed to get better recoveries of the faulted mineralization on the property to fully evaluate the potential of the showing if the logistics of the diamond drilling using a larger drill can be determined for the site given its distance from Highway 37. The diamond drilling would be done following an IP geophysical survey to determine if the copper sulphide mineralization continues deeper than the VLF-EM survey and shallow intercepts indicate from the exploration work done in 1976 and 1979. Additional chip sampling of the surface showing is also warranted to determine the true base metal and precious metal composition of the mineralization.

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## Introduction:

This report has been commissioned by Jedway Enterprises Ltd. for the purposes of filing an assessment report on the Pip Property. The geological and geophysical interpretation which is subject of this report was conducted by David Bridge P. Geo for during partial days in period September 20 to 22 and in October 2018.

## Location and Access

The Pip Property is located on BCGS map 104P072 and the area of interest is situated at Latitude  $59^{\circ}44'14''$  North and Longitude  $129^{\circ}42'40''$  West. The Property is located in the Liard Mining Division and is approximately 20 kilometers south of the British Columbia – Yukon Border and 64 kilometers southwest of Watson Lake in the southern Yukon (Figure 1).



Figure 1. Location Map

Access to the property is via helicopter from Watson Lake airport and fly roughly 64 kilometers southwesterly to the Pip Property.

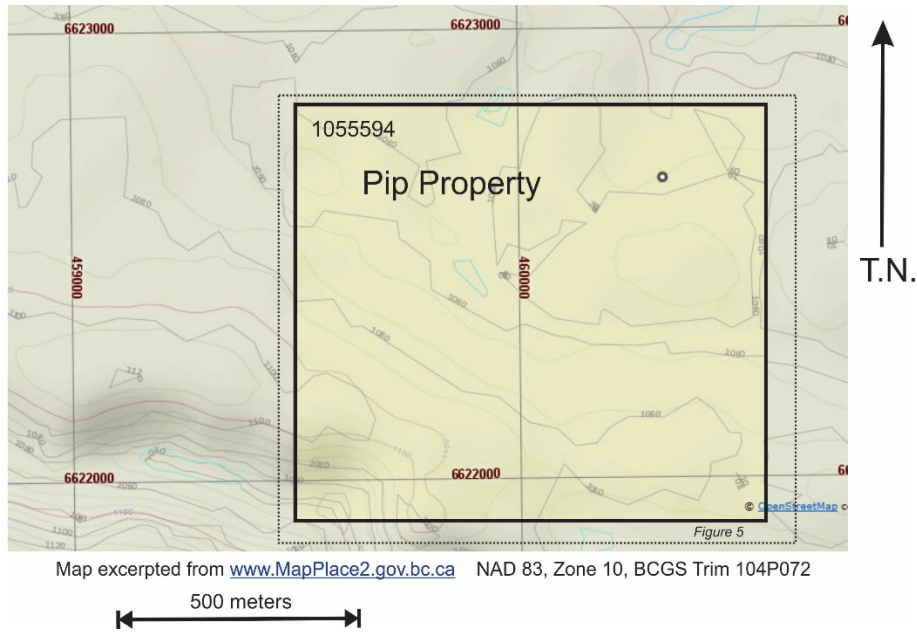


Figure 2. Topographical and Index map of Pip Property excerpted MapPlace2.gov.bc.ca.

General Setting, Climate and Local Infrastructure:

The Pip Property is located on the Dease Plateau and has gentle rolling hills at elevations 1040 meters to 1100 meters with the main showing at 1080 meters. The property is located below the tree line with meadows and swampy lakes with an open forest of old growth spruce trees. The Pip property receives an estimated up to 2 meters of snow and is thought to be generally snow free from July to beginning of October.

The property is located 64 kilometers southwest of the Watson Lake- Yukon which was the main business area in the region.

The Pip Property consists of one mineral claims totaling 97.91 hectares and the geological and geophysical interpretation was conducted on tenures 1055594 (Figure 3, Table 1).

Table 1: Mineral claim data

| Title Number | Claim Name | Good To Date | Area (ha) |
|--------------|------------|--------------|-----------|
| 1055594      | Pip#1      | 2022/Oct/17  | 97.91     |

The new expiry dates of the mineral claims are subject to the approval of the work contained in this report.

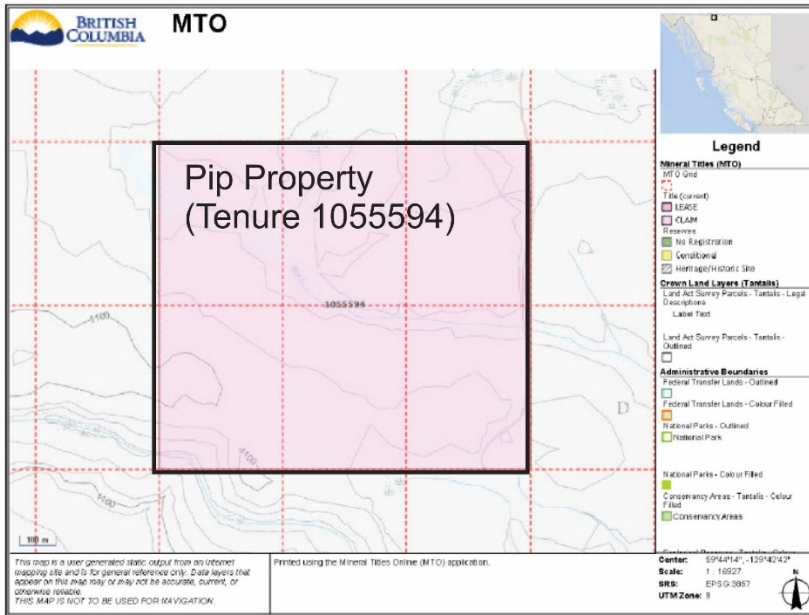


Figure 3. Pip Property mineral claim map

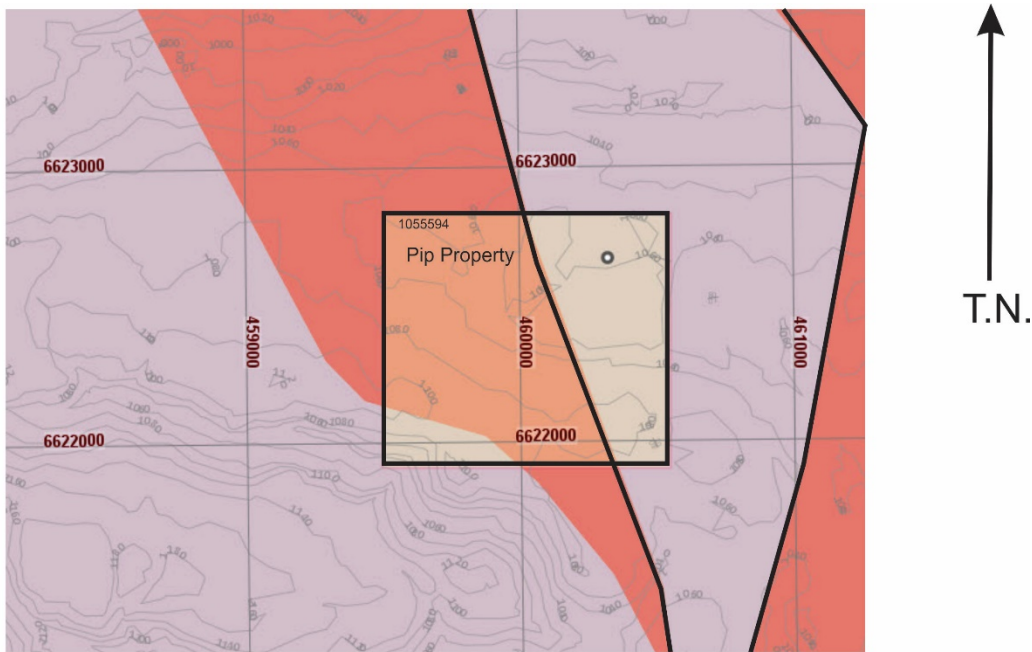
### History and Previous Work

The area of the Pip Property was explored by Craigmont Mines Ltd. In 1976 by conducting soil sampling and a VLF-EM survey and chip sampling of the exposed chalcopyrite mineralization in trenches (Assessment Report 6087) which was followed by exploration by Donegal Resources Inc. in 1979 with diamond drilling of the trench area, but they only obtained very limited core through the highly faulted mineralization (Assessment Report 8627). The area of the Pip property has been staked since possibly several times since then with no work being recorded on the property.

### Regional Geology

The copper mineralization is at the faulted contact between Lower Cambrian limestone of the Rosnella Formation and calcareous shales of the Cambrian to Ordovician Kechika Group and assays up to 1.36% copper over 25 meters (Assessment Report 6047) and consist of faulted quartz-chalcopyrite-chalcocite-pyrite veins in a silicified limestone. A residual total field magnetic map on [www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca) indicates a magnetic anomaly approximately 2 kilometers to the southeast of the Pip Property mineralization which might be the faulted and offset heat and magmatic source of the copper mineralization and it might be of possible Eocene or ??Cretaceous in age.





Map excerpted from [www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca) NAD 83, Zone 10, BCGS Trim 104P072

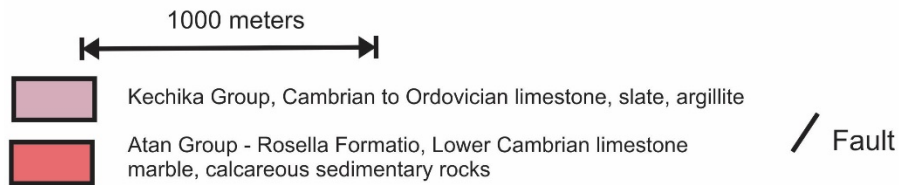


Figure 4: Regional Geology map of Pip Property excerpted from [www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca)

2018 Work Program:

Partial days were spent by the author in late September 2018 completing geological and geophysical interpretation using a VLF-EM map from Assessment report 6087 and reference to diamond drill logs in Assessment report 8627 and additional geophysical interpretation was completed in October 2018 using a residual total field magnetic map from [www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca) covering the region around the Pip Property (Figures 5 and 6).

### Interpretation of Results:

The copper mineralization on the Pip Property is at the faulted contact between Lower Cambrian limestone of the Rosnella Formation and calcareous shales of the Cambrian to Ordovician Kechika Group and assays up to 1.36% copper over 25 meters (Assessment Report 6047) and consist of faulted quartz-chalcopyrite-chalcocite-pyrite veins in a silicified limestone. A residual total field magnetic map on [www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca) indicates a magnetic anomaly approximately 2 kilometers to the southeast of the Pip Property mineralization which might be the faulted and offset heat and magmatic source of the copper mineralization and it might be of possible Eocene or Cretaceous in age. This mineralization make a small rise in the topography and correlates to roughly a 10° VLF-EM anomaly of second order in the VLF-EM survey published in 1976 (Assessment Report 6047). This highly faulted sulphide mineralization isolated the blocks of sulphides and quartz resulting in a lower VLF-EM signal from the mineralization even though the mineralization assayed 1.36% copper over 25 meters. Diamond drilling in 1979 by Donegal Resources Inc. of the copper mineralization indicates that the weak VLF-EM signal is misleading recording only a shallow depth to the mineralization due to the highly faulted nature of it and the mineralization continues to depth greater than 6.5 meters which makes it an attractive target for shallow surface extraction of the mineralization if the environmental, copper metal price and logistics and access and recovery of the mineralization could be addressed.

Table 2: Assays results of the copper mineralization trenched in 1976 (Ass. Rpt. 6047) Located at roughly 460188E and 6622063N Zone 10, NAD 83.

Trench A: 0.23% Copper over 4 meters

Trench B: 0.18% Copper over 20 meters

Trench C: 1.36% Copper over 25 meters

Trench D: 1.12% Copper over 16 meters (VLF-EM anomaly of roughly 10 units)

Trench E 0.25% Copper over 20 meters, 1.06% Copper over 11 meters and 0.25% Copper over 10 meters

### Conclusion and Recommendations

More diamond drilling using a larger core size is needed to get better recoveries of the faulted mineralization on the property to fully evaluate the potential of the showing if the logistics of the diamond drilling using a larger drill can be determined for the site given its distance from Highway 37. The diamond drilling would be done following an IP geophysical survey to determine if the copper sulphide mineralization continues deeper than the VLF-EM survey and shallow intercepts indicate from the exploration work done in 1976 and 1979. Additional chip sampling of the surface showing is also warranted to determine the true base metal and precious metal composition of the mineralization.

References:

Copeland, D.J., 1979. Report on the Diamond Drilling at the Captain Lake property, Assessment Report 8627, 37 pages.

Vollo, N.B., 1976. Geological, Geophysical and Geochemical report on the 104P/12 CI Group, Assessment Report 6087, 10 pages

Software and Websites used

Corel Draw

MS Windows, MS Word, MS Excel

[www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca); [www.MtOnline.bc.ca](http://www.MtOnline.bc.ca)

## Cost Statement:

Pip

Property Cost Statement

|                |  |            |
|----------------|--|------------|
| Air photograph | Interpretation (Partial Days<br>during period Sept. 20 to<br>Sept. 22, 2018) | \$ 500.00  |
| Report         | Additional<br>geophysical<br>Interpretaton                                   | \$2250.00  |
|                | Total  | \$2,750.00 |

**STATEMENT OF QUALIFICATIONS** FOR David Bridge, P.Ge

I, David Bridge, hereby certify that:

I am a geologist residing at 1580-132B Street, Surrey, British Columbia, Canada.

I am a graduate of the University of British Columbia with a Bachelors degree in Geological Engineering (1990) and a Masters in geological engineering in (1994).

I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC number 24944).

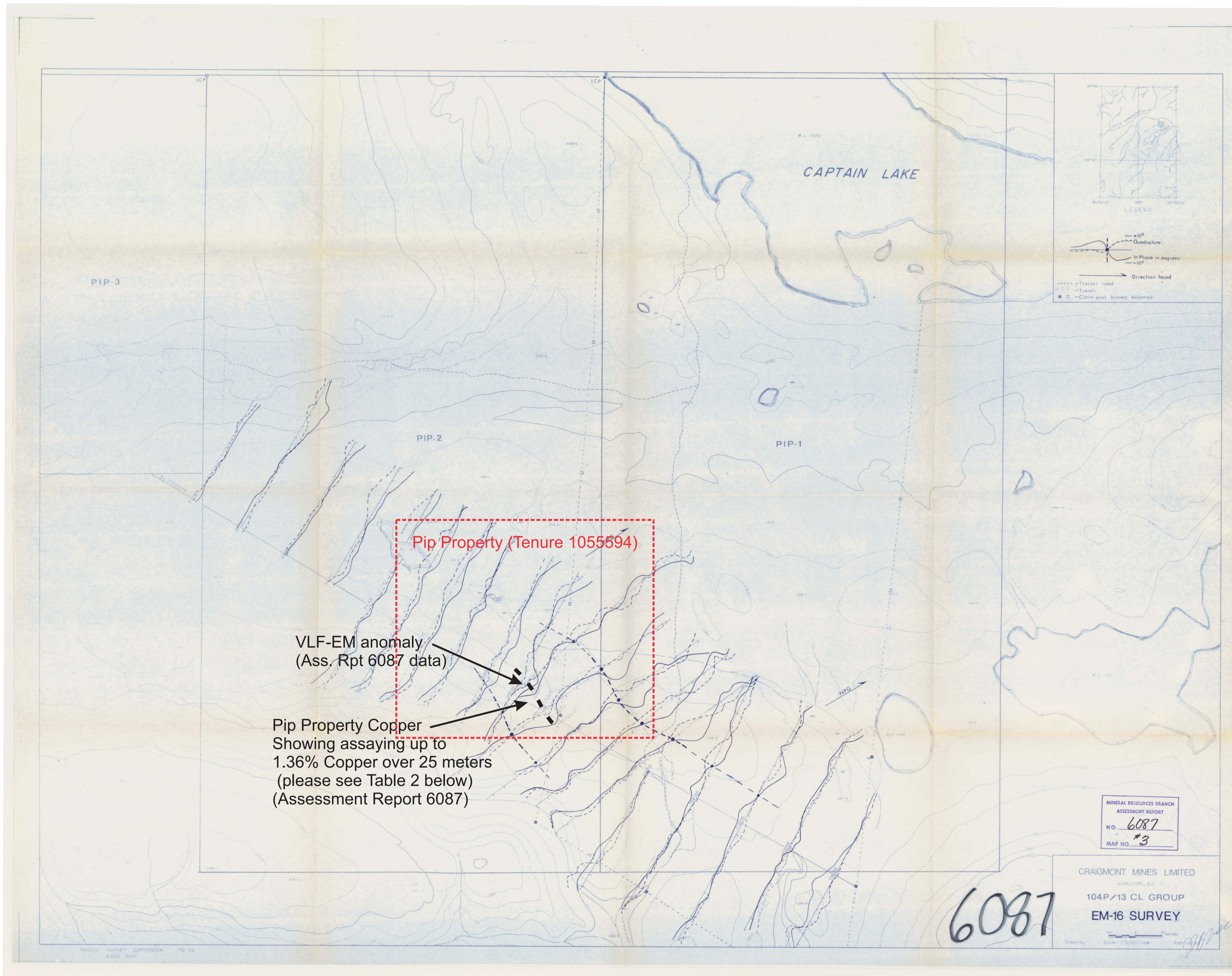
I completed the geological and geophysical interpretation on the Pip Property during partial days from September 20 to September 22, 2018 and in October 2018 that is subject of this report.

Dated at Surrey, BC                      October 26, 2018

Respectfully submitted

*“David J. Bridge”*

David J. Bridge, P. Geo, MASc

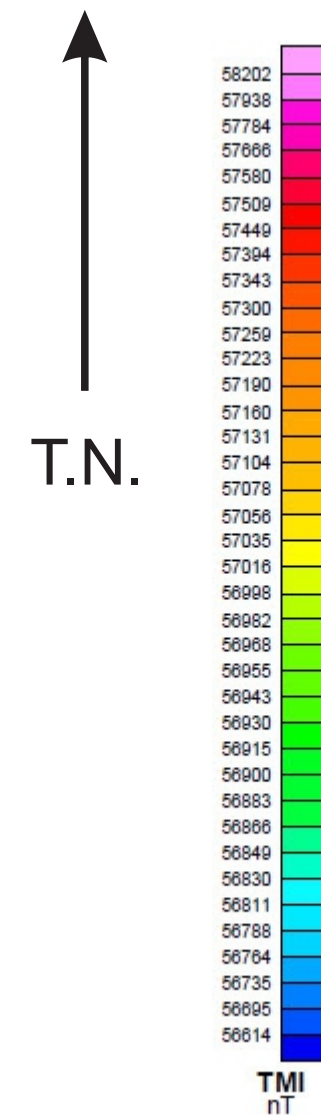
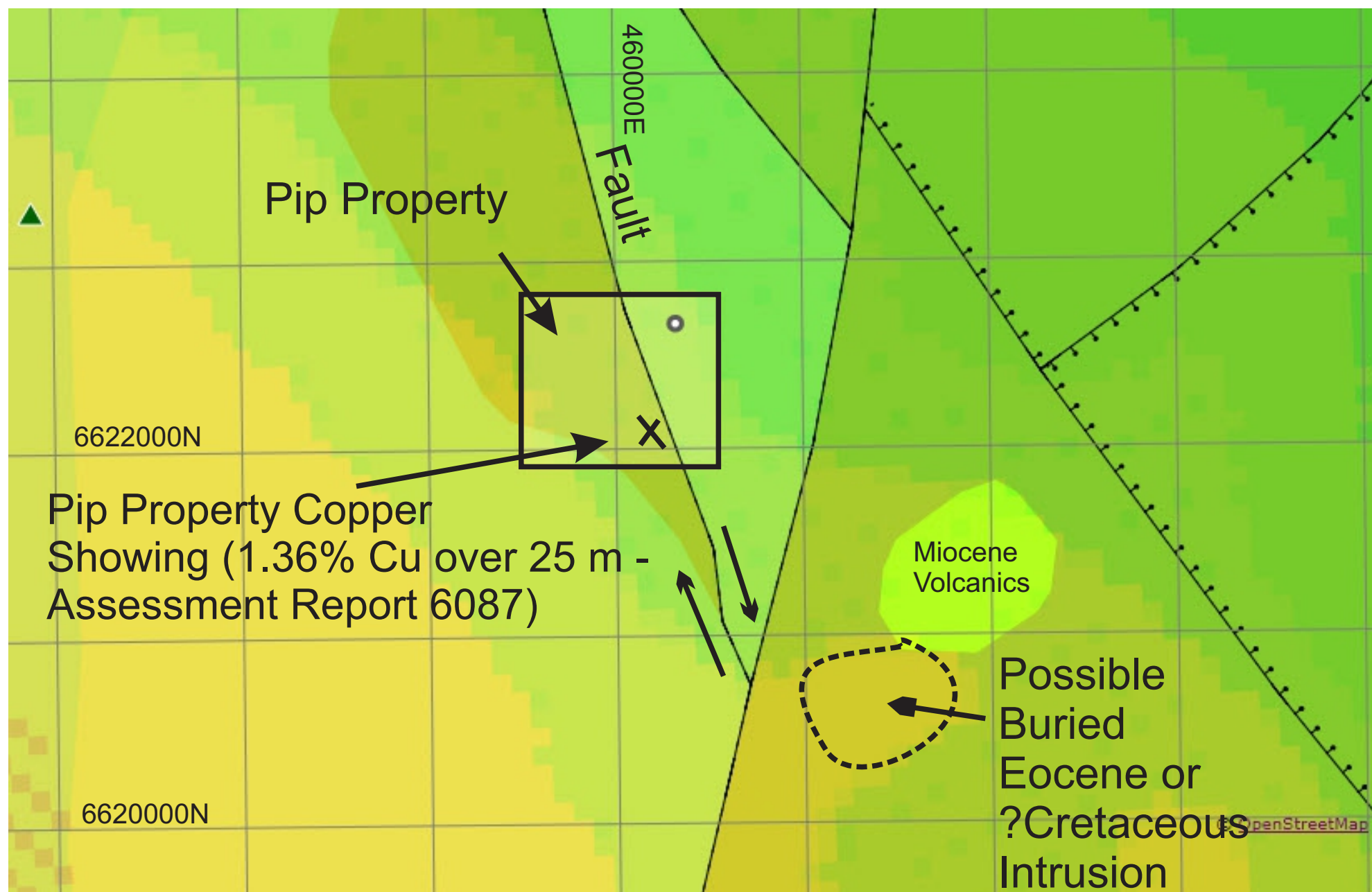


T.N.

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- Trench E: 0.25% Copper over 20 meters, 1.06% Copper over 11 meters and 0.25% Copper over 10 meters

Pip Property  
 Jedway Enterprises Ltd.  
 VLF-EM Map from Assessment  
 Report 6087 with superimposed  
 2018 Geophysical Interpretation  
 Watson Lake area, Yukon  
 BCGS map 104P072, NAD 83, Zone 10



Map excerpted from [www.MapPlace2.gov.bc.ca](http://www.MapPlace2.gov.bc.ca) NAD 83, Zone 10, BCGS Trim 104P072



Pip Property  
 Jedway Enterprises Ltd.  
 Residual Total Field Magnetic Map  
 Superimosed on Geology Map  
 Watson Lake area, Yukon  
 BCGS map 104P072, NAD 83, Zone 10