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Abstract

Canadian Exploration Services Limited (CXS) performed a grass roots prospecting program for Val d'Or Mining Corporation over the Plumber Prospect in the fall of 2021. The prospecting survey was designed to locate historic showings and any outcrops encountered during the traverse. To accomplish this, traverses were performed to target these previously mentions points of interest. Also, random traverses were performed over the prospecting areas to try and cover as much ground as possible. Any outcrop encountered had a representative rock sample taken. A total of 22 samples were collected and sent to the client.

Golden Valley Mines Ltd.

Q2961 – Plumber Prospect
Grass Roots Prospecting Program

C Jason Ploeger, P.Geo. **December 22, 2021**
Gun Hee You. GIT

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LIST OF TABLES AND FIGURES

1. SURVEY DETAILS

1.1 PROJECT NAME

This project is known as the **Plumber Prospect**

1.2 CLIENT

Val d'Or Mining Corporation

2864 Chemin Sullivan
Val D'Or, Quebec
J9P 0B9

1.3 SUMMARY

Canadian Exploration Services Limited (CXS) performed a grass roots prospecting program for Val d'Or Mining Corporation over the Plumber Prospect in the fall of 2021. The prospecting survey was designed to locate historic showings and any outcrops encountered during the traverse. To accomplish this, traverses were performed to target these previously mentions points of interest. Also, random traverses were performed over the prospecting areas to try and cover as much ground as possible. Any outcrop encountered had a representative rock sample taken. A total of 22 samples were collected and sent to the client.

1.4 LOCATION

The Plumber Prospect is located in Cairo Township approximately 5km north of Matachewan, Ontario. The survey area covers multiple cell claims located within the Larder Lake Mining Division of Ontario. The prospecting area covers cell claims 321257, 318404, 318403, 301761, 301056, 271890, 271889, 264660, 244373, 205377, 186530, 186529, 186528, 149787, 149786, 111320, and 556371.

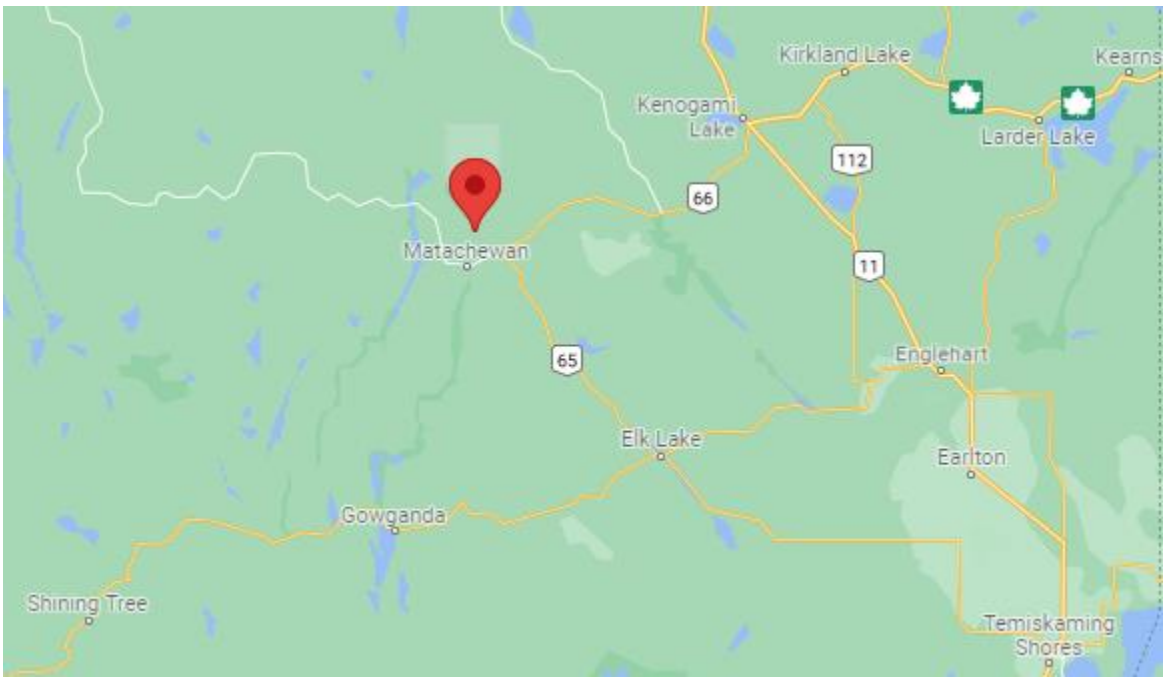


Figure 1: Location of the Plumber Prospect(Map data ©2021 Google)

1.5 ACCESS

Access to the property was attained with a 4x4 truck by traveling west on highway 66 for approximately 40 kilometers from its intersection with highway 11 just before intersection with highway 65. From here a series of ATV trails were used to access the traverse areas.

1.6 OWNERSHIP

Claim Number	Provincial ID	Holder	Township
321257	41P15J077	Val d'Or Mining Corporation	Cairo
318404	41P15J057	Val d'Or Mining Corporation	Cairo
318403	41P15J058	Val d'Or Mining Corporation	Cairo
301761	41P15J100	Val d'Or Mining Corporation	Cairo
301056	41P15J038	Val d'Or Mining Corporation	Cairo
271890	41P15I081	Val d'Or Mining Corporation	Cairo
271889	41P15J059	Val d'Or Mining Corporation	Cairo
264660	41P15I041	Val d'Or Mining Corporation	Cairo
244373	41P15J037	Val d'Or Mining Corporation	Cairo
205377	41P15J078	Val d'Or Mining Corporation	Cairo

186530	41P15J079	Val d'Or Mining Corporation	Cairo
186529	41P15J080	Val d'Or Mining Corporation	Cairo
186528	41P15J060	Val d'Or Mining Corporation	Cairo
149787	41P15J099	Val d'Or Mining Corporation	Cairo
149786	41P15I061	Val d'Or Mining Corporation	Cairo
111320	41P15J098	Val d'Or Mining Corporation	Cairo
556371	41P15J018	Val d'Or Mining Corporation	Cairo

Table 1: List of Cell Claims

1.7 General Geology

The Matachewan area is underlain by a series of Archean mafic to intermediate volcanic rocks and overlain by tightly folded sedimentary rocks of the Temiskaming Group. These Archean units are cut by mafic and felsic intrusives which in turn are intruded by diabase dykes.

The units are all overlain by a series of flat lying Cobalt sediments. Late diabase dykes, Proterozoic in age, cut all of the units.

1.8 PROPERTY HISTORY

A lot of historical exploration has been carried out over the years all over the survey area. The following list describes details of the previous geoscience work which was collected by the Mines and Minerals division and provided by OGSEarth (MNDM & OGSEarth, 2021).

• 1965: Midrim Mining Co Ltd. (File 20000004997):
Physical and Ground Geophysical – Cairo Township
In 1965, Midrim Mining performed physical line cutting and ground geophysical magnetic / magnetometer and EM surveys.

• 1975: Majestic Wiley Contractors Ltd. (File 42A02SE0278, 42A02SE0279, and 42A02SE0280):
Geological and Geochemical – Cairo Township
In 1975, Majestic Wiley Contractors performed geochemical assaying and analyses and geological survey / mapping.

• 1976: Texasgulf Canada Ltd. (File 41P15NE8351 and 41P15NE8487):
Diamond Drilling, Ground Geophysical and Geochemical – Cairo Township
In 1976, Texasgulf Canada drilled 2 drill holes totalling 1063 feet and performed ground geophysical magnetic / magnetometer and EM surveys, and geochemical sampling.

• 1986: Mcgarry Minerals Inc. (File 41P15NE8319 and 41P15NE8322):
Geological, Geochemical and Ground Geophysical – Cairo Township
In 1986, Mcgarry Minerals performed geological survey / mapping, geochemical assaying and analyses, and ground geophysical magnetic / magnetometer and VLF EM surveys.

• 1988-1989: Excalibur Intl Consultants Ltd. and Regent Rock Resources Inc. (File 42A02SE0272, 41P15NE8309, and 41P15NE8316):
Diamond Drilling and Ground Geophysical – Cairo Township
From 1988 to 1989, Excalibur Intl Consultants and Regent Rock Resources drilled 10 drill holes totalling 1297.24 meters and performed ground geophysical IP, magnetic / magnetometer, and VLF EM surveys.

• 1991: Inco Ltd. (File 42A02SE0102):
Geological and Geochemical – Cairo Township
In 1991, Inco performed geological survey / mapping and geochemical assaying and analyses

• 1992: F Tagliamonte (File 32D05SW0057):
Diamond Drilling, Geological, Ground Geophysical, Physical and Geochemical – Cairo Township
In 1992, Tagliamonte drilled 11 drill holes, however, the total of the drilling depth was

not reported. Tagliamonte also performed geological survey / mapping, ground geophysical EM and VLF EM surveys, physical manual labour, and geochemical assaying and analyses

• 2006-2009: Golden Valley Mines Ltd. (File 20000001272 and 20000004012): Diamond Drilling, Geochemical, Physical and Ground Geophysical – Cairo Township

From 2006 to 2009, Golden Valley Mines drilled 4 drill holes totalling 453 meters and performed geochemical assaying and analyses on core samples, physical line cutting, and ground geophysical IP and magnetic / magnetometer surveys.

• 2011: Pro Minerals Inc. (File 20000006455): Airborne Geophysical – Cairo Township

In 2011, Pro Minerals performed geophysical airborne EM, VLF EM, and magnetometer surveys.

• 2016: Prosper Gold Corp. (File 20000014432): Airborne Geophysical – Cairo Township

In 2016, Prosper Gold performed geophysical airborne gradiometer, magnetometer, and radiometric surveys.

2. PROSPECTING

2.1 OVERVIEW

In October of 2021 prospecting was completed over the Plumber Prospect, in order to investigate historic features such as shafts, pits, trenches, and stripped areas along with any outcrops and mineralization encountered.

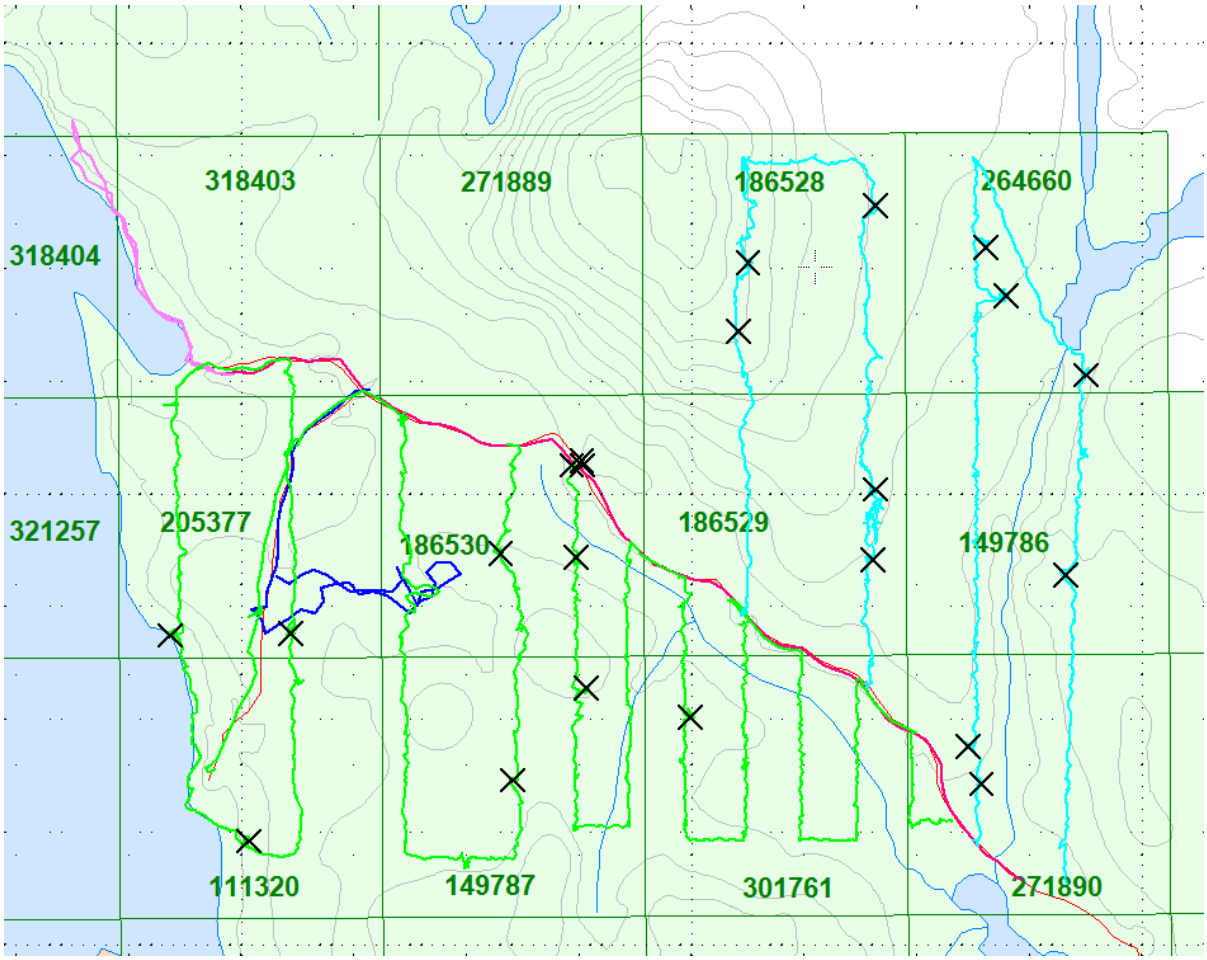


Figure 2: Areas Prospected

2.2 PLANS & PERMITS

The prospecting work reported on here was surficial and did not require any plans or permits.

2.3 DAILY LOG

Date	Description
October 12, 2021	Locate prospecting area and begin traverses.
October 18, 2021	Continue with prospecting traverses.
October 19, 2021	Continue with prospecting traverses.
October 28, 2021	Two person crew continue prospecting traverses.
October 29, 2021	Two person crew complete with prospecting traverses.

Table 2: Daily Prospecting Log

2.4 PERSONNEL

Bruce Lavalley and Claudia Moraga, both of Dobie, Ontario and Mark Brazeau of Swastika, Ontario, represented the prospecting crew.

2.5 TRAVERSE SPECIFICATIONS

The property boundary along with specific target areas were identified and uploaded to a GPS. This boundary acted as a constraint for the prospecting traverse.

At each sample site a long bright orange ribbon was hung with only the sample number listed in black marker. Below the ribbon the sample was taken. Using a rock hammer, rock was broken up and sampled. The sample was placed in a plastic sampling bag with a sample tag and taped closed. The sample number was recorded on the sampling bag as well. The sample is then put into a packsack for transportation.

While sampling a picture is taken of the satellite information on the GPS at that sample's specific location.

At the end of the day the samples are put into white "rice" bags. These bags are sealed and kept by the crew each day. The GPS's were also downloaded which identified sample locations and traverse routes.

3. RESULTS

ALL SAMPLES WERE TAKEN FOR REFERENCE PURPOSES ONLY! ALL SAMPLES WERE PRESENTED TO VAL D'OR MINING.

3.1 SUMMARY OF SAMPLES COLLECTED

Rock Samples Collected	
Date	Sample Number
October 12, 2021	No samples collected
October 18, 2021	No samples collected
October 19, 2021	No samples collected
October 28, 2021	901524-901526 901579-901586
October 29, 2021	901527-901532 901587-901591

Table 3: Summary of Samples Collected

Significant sites observed throughout the traverse were noted by the prospecting crew and their locations were recorded.

Feature	Easting	Northing
Trench	527397	5314850
Trench	527397	5314852
Timber Pile	527361	5314887
Drill casing on ground	527916	5314755

Table 4: Features Located

3.2 DAY 1 – OCTOBER 12, 2021

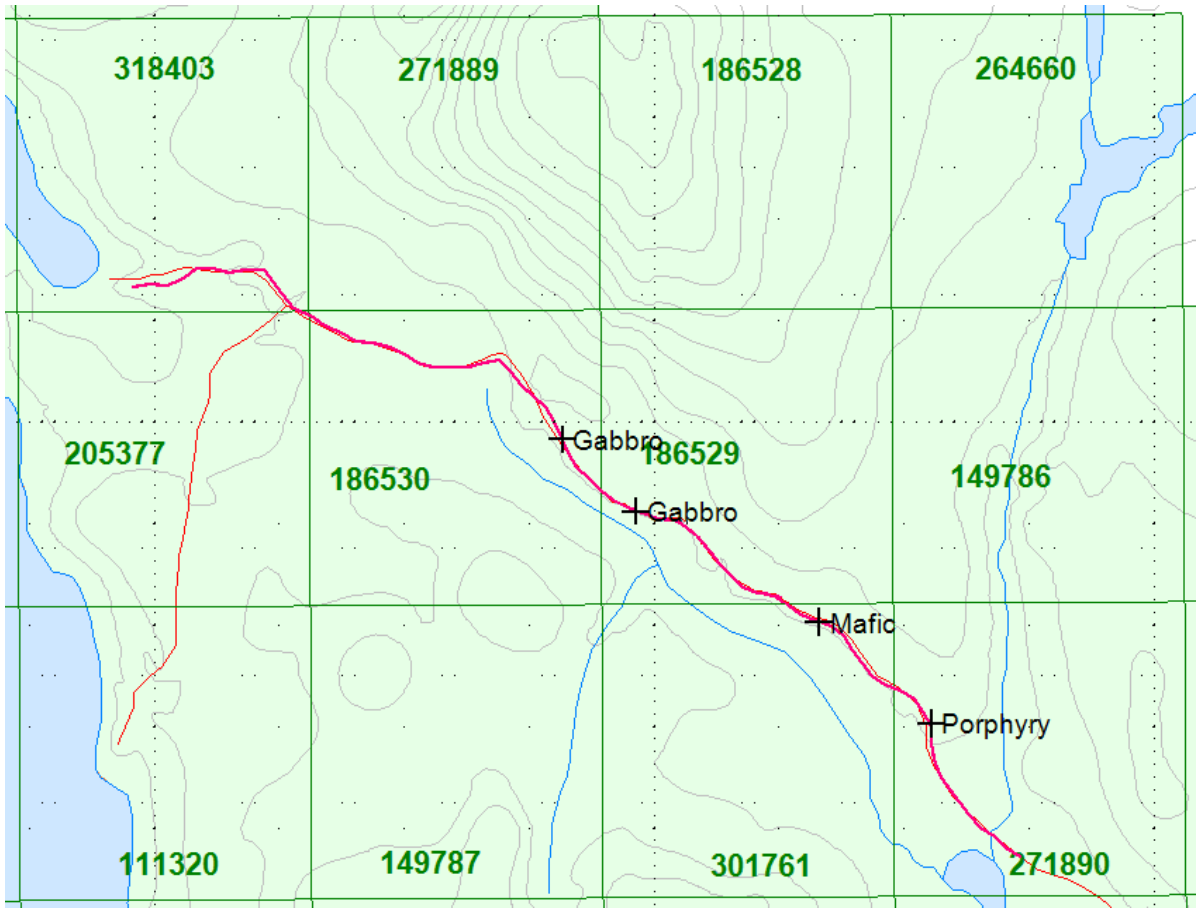


Figure 3: Traverse conducted on October 12, 2021

Old timber pile

Location:
527361E
5314887N

Figure 4: Old timber pile

3.3 DAY 2 – OCTOBER 18, 2021

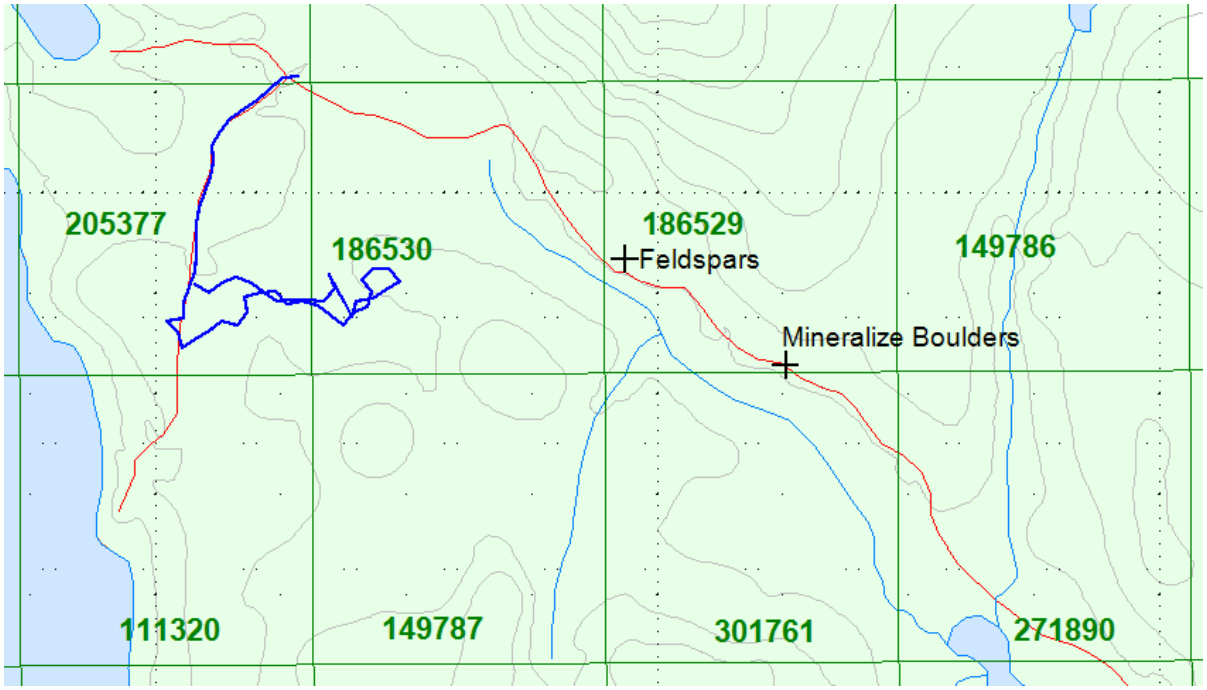


Figure 5: Traverse conducted on October 18, 2021

Bedrock feldspars

Location:
527547E
5314695N

Figure 6: Bedrock feldspars

Mineralized boulder field

Location:
527803E
5314526N

Figure 7: Mineralized boulder field

3.4 DAY 3 – OCTOBER 19, 2021

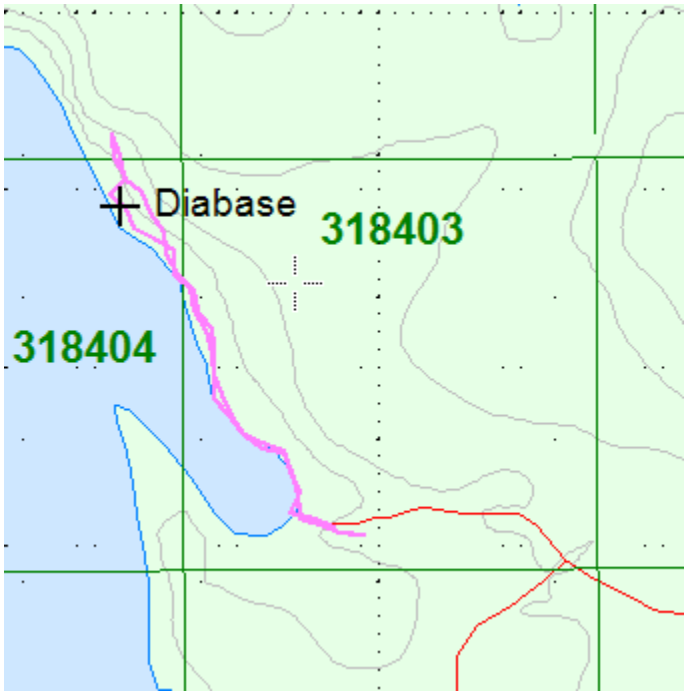


Figure 8: Traverse conducted on 19 October, 2021

High ridge

Location:
526508E
5315430N

Figure 9: High ridge

3.5 DAY 4 – OCTOBER 28, 2021

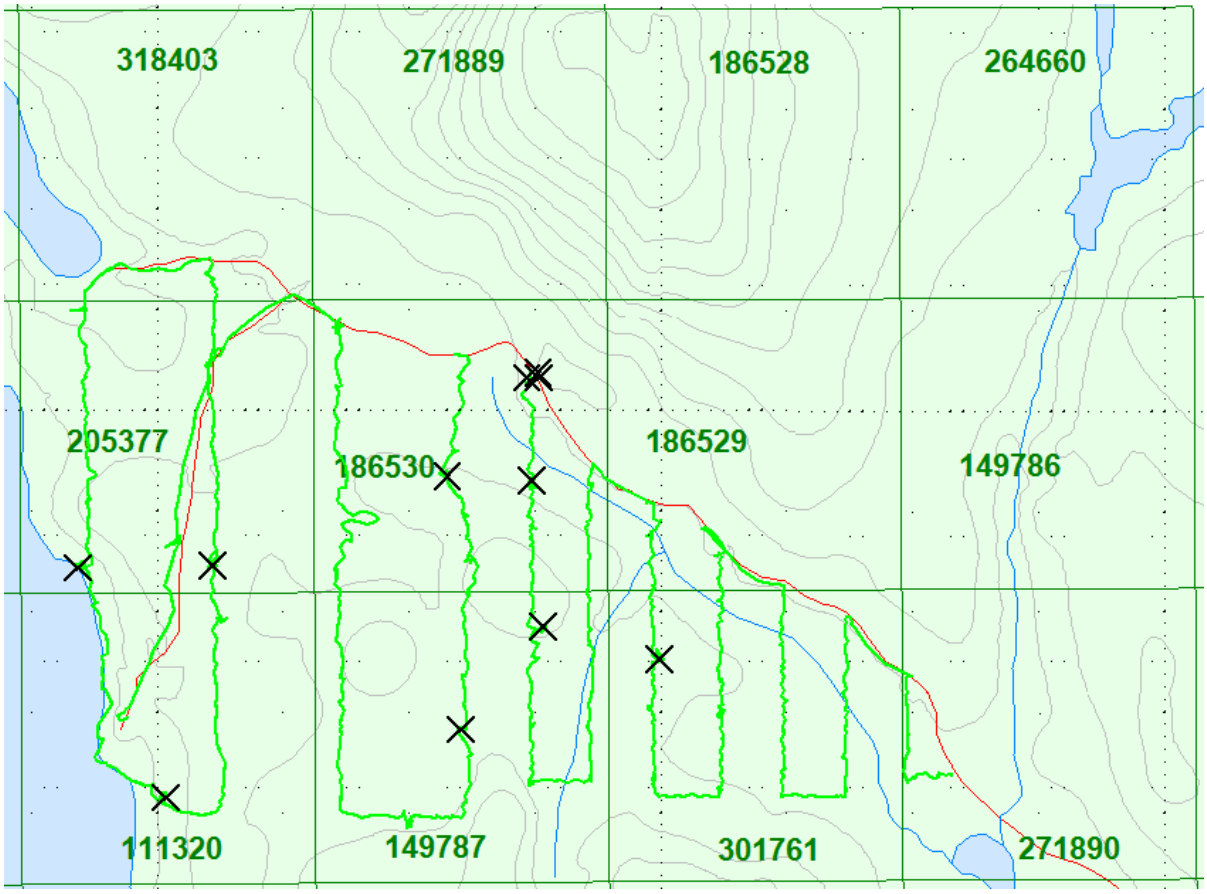


Figure 10: Traverse conducted on 28 October 2021

Sample 901524

Rock Description:

- Mafic to Intermediate Volcanic
- Sulphide mineralization

Location:
527394E
5314688N

Figure 11: Cross Section of Sample 901524

Sample 901525

Rock Description:

- Mafic to Intermediate volcanic

Location:
527412E
5314456N

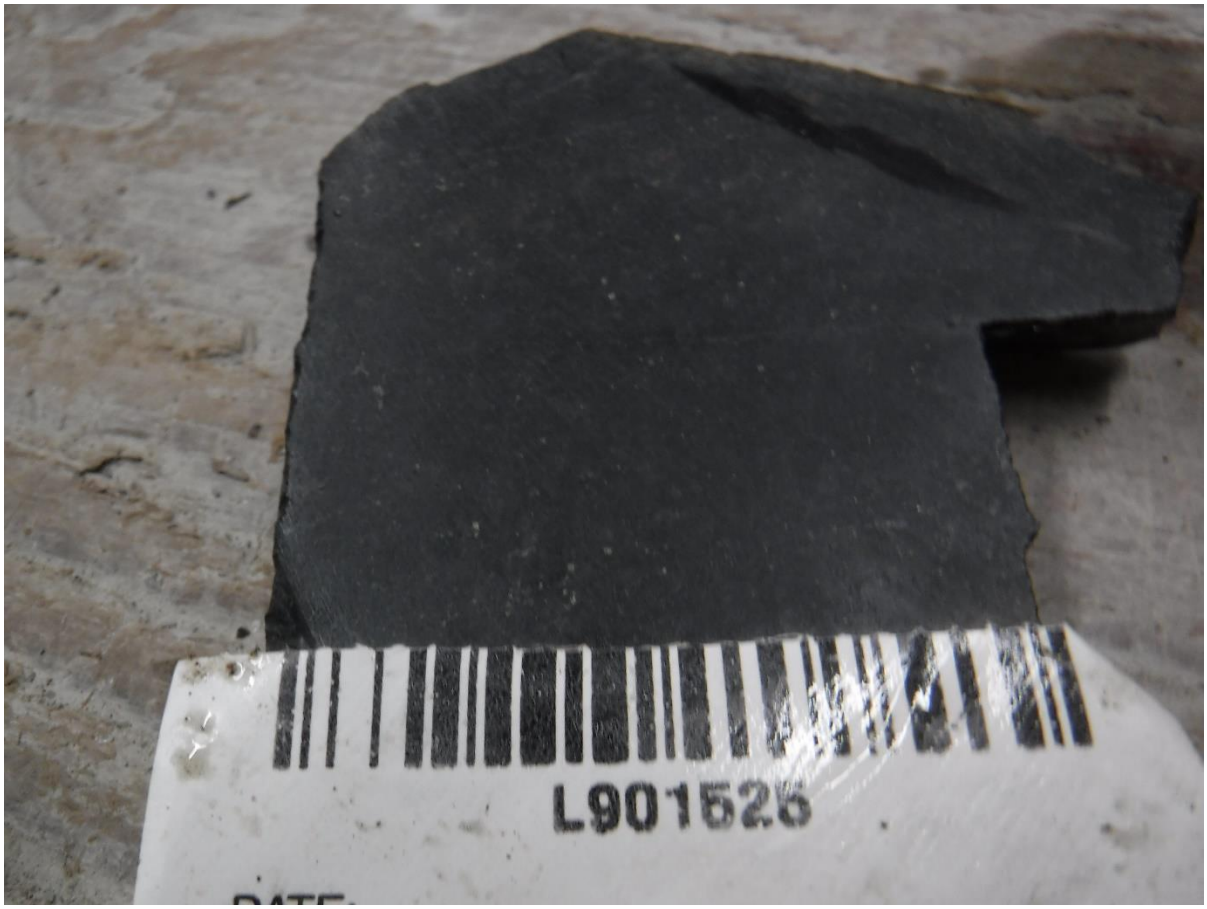


Figure 12: Cross Section of Sample 901525

Sample 901526

Rock Description:

- Mafic to Intermediate volcanic

Location:
527597E
5314405N

Figure 13: Cross Section of Sample 901526

Sample 901579

Rock Description:

- Porphyry

Location:
527405E
5314852N

Figure 14: Cross Section of Sample 901579

Sample 901580

Rock Description:

- Quartz flooding

Location:
527404E
5314860N

Figure 15: Cross Section of Sample 901580

Sample 901581

Rock Description:

- Altered volcanic
- Quartz flooding

Location:
527386E
5314852N

Figure 16: Cross Section of Sample 901581

Sample 901582

Rock Description:

- Mafic to Intermediate Volcanic

Location:
527260E
5314695N

Figure 17: Cross Section of Sample 901582

Sample 901583

Rock Description:

- Tuff

Location:
527282E
5314293N

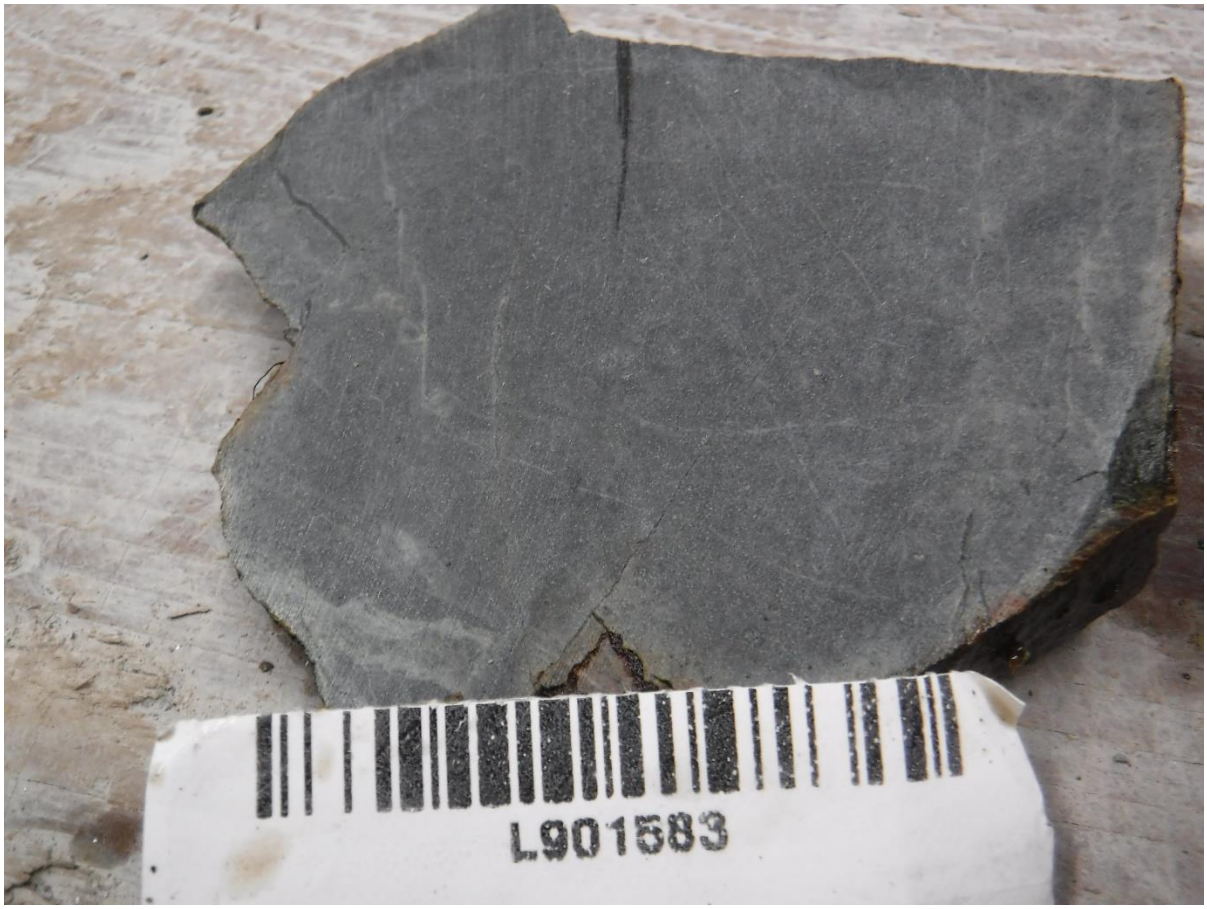


Figure 18: Cross Section of Sample 901583

Sample 901584

Rock Description:

- Tuff

Location:
526672E
5314550N

Figure 19: Cross Section of Sample 901584

Sample 901585

Rock Description:

- Tuff

Location:
526812E
5314185N

Figure 20: Cross Section of Sample 901585

Sample 901586

Rock Description:

- Tuff

Location:
526887E
5314554N

Figure 21: Cross Section of Sample 901586

3.6 DAY 5 – OCTOBER 29, 2021

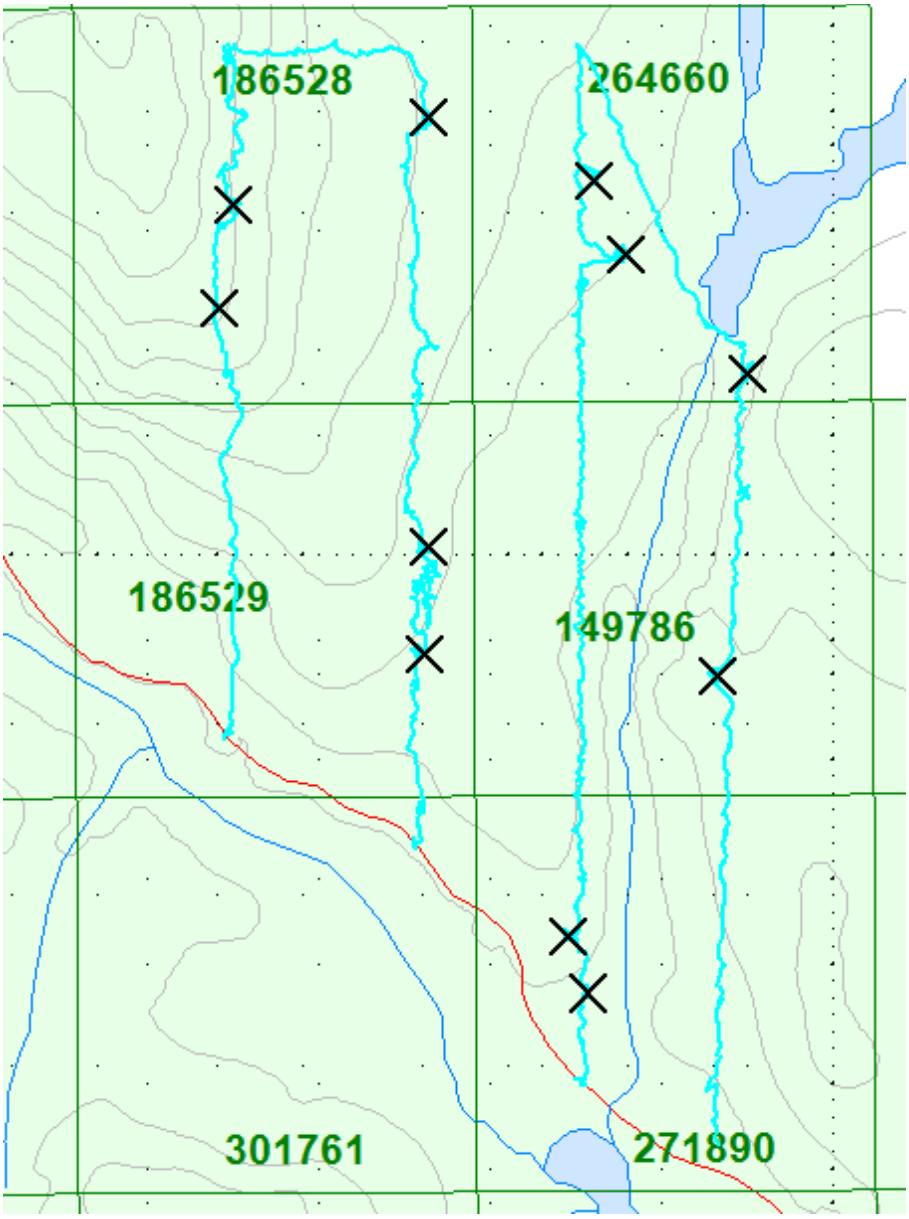


Figure 22: Traverse conducted on 29 October 2021

Sample 901527

Rock Description:

- Porphyry

Location:
528114E
5314286N

Figure 23: Cross Section of Sample 901527

Sample 901528

Rock Description:

- Porphyry

Location:
528091E
5314353N

Figure 24: Cross Section of Sample 901528

Sample 901529

Rock Description:

- Porphyry

Location:
528157E
5315152N

Figure 25: Cross Section of Sample 901529

Sample 901530

Rock Description:

- Porphyry

Location:
528121E
5315238N

Figure 26: Cross Section of Sample 901530

Sample 901531

Rock Description:

- Porphyry

Location:
528299E
5315012N

Figure 27: Cross Section of Sample 901531

Sample 901532

Rock Description:

- Porphyry

Location:
528264E
5314657N

Figure 28: Cross Section of Sample 901532

Sample 901587

Rock Description:

- Mafic to Intermediate Volcanic

Location:
527922E
5314684N

Figure 29: Cross Section of Sample 901587

Sample 901588

Rock Description:

- Mafic to Intermediate Volcanic

Location:
527926E
5314809N

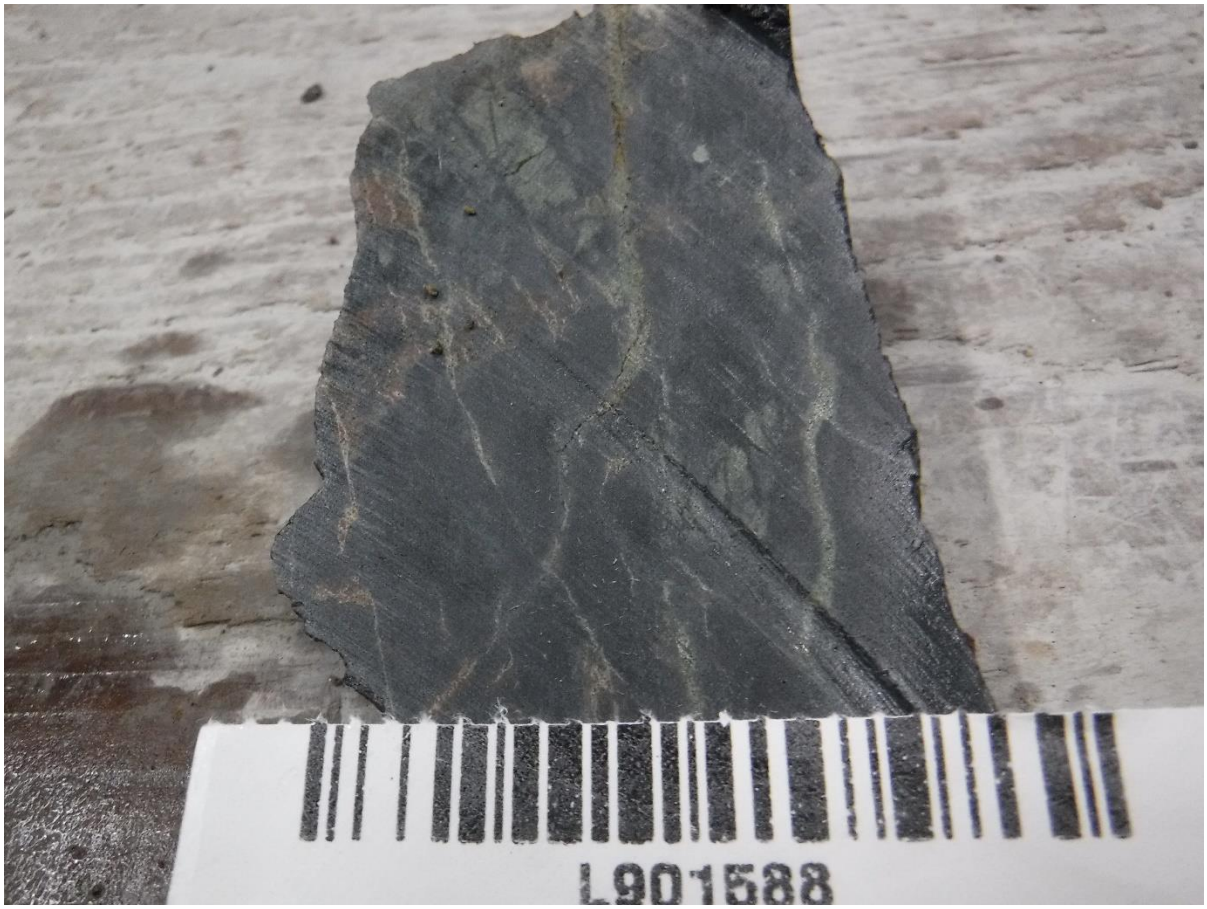


Figure 30: Cross Section of Sample 901588

Sample 901589

Rock Description:

- Syenite Porphyry

Location:
527926E
5315312N

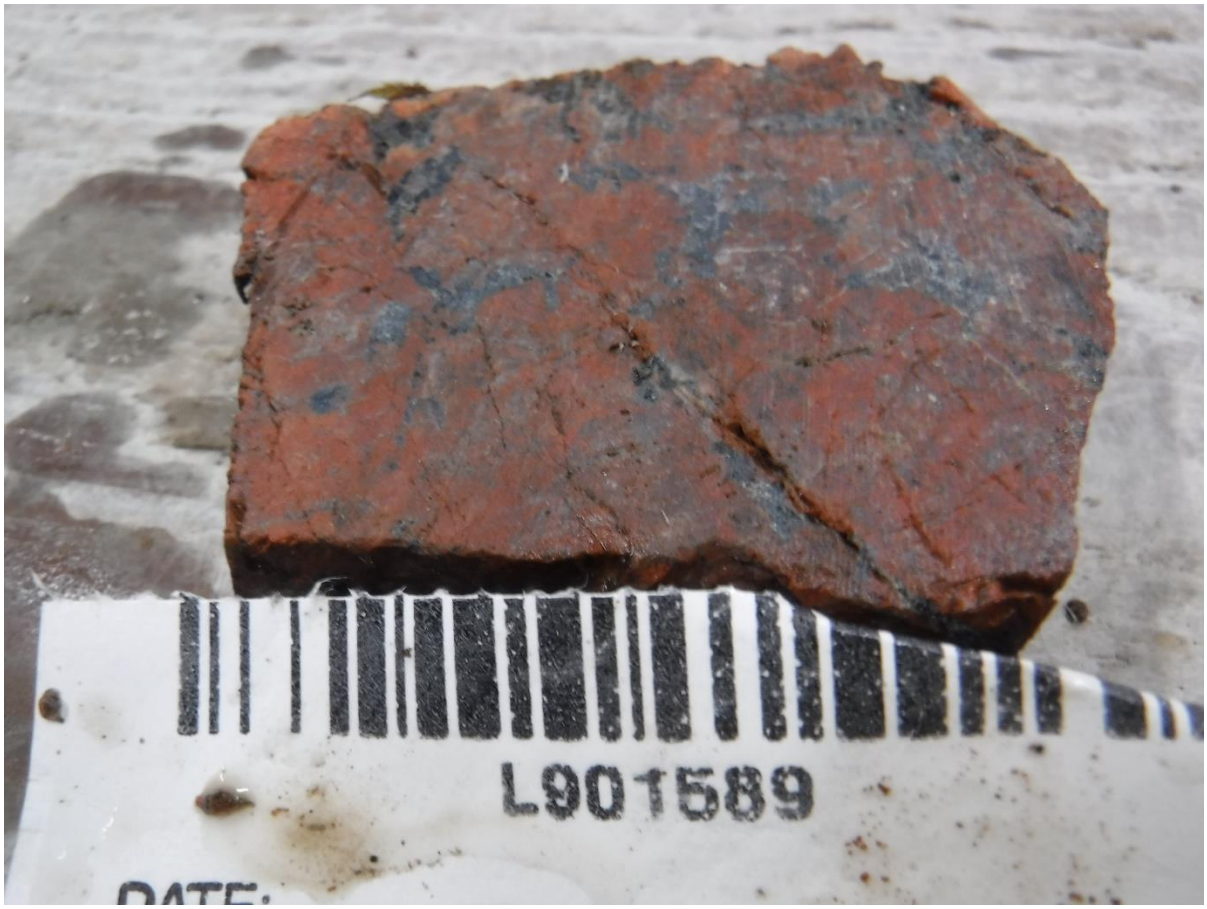


Figure 31: Cross Section of Sample 901589

Sample 901590

Rock Description:

- Porphyry

Location:
527699E
5315211N

Figure 32: Cross Section of Sample 901590

Sample 901591

Rock Description:

- Mafic to Intermediate Volcanic

Location:
527682E
5315090N

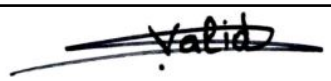
Figure 33: Cross Section of Sample 901591

Client:	Val d'Or Mining Corporation	ANALYSIS CERTIFICATE
Project:	VP	**A21-5385**
Sample type (s):	rock/grab	12/13/2021 12:00:00 AM
Submitted By:	Michael Rosatelli	

RESULTS

	CAS Number Method Code Units	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt
1	L901524	0.02	
2	L901525	0.15	
3	L901526	< 0.01	
4	L901527	< 0.01	
5	L901528	< 0.01	
6	L901529	< 0.01	
7	L901530	< 0.01	
8	L901531	< 0.01	
9	L901532	< 0.01	
10	L901579	< 0.01	< 0.01
11	L901580	< 0.01	
12	L901581	< 0.01	
13	L901582	< 0.01	
14	L901583	< 0.01	
15	L901584	< 0.01	
16	L901585	< 0.01	
17	L901586	0.01	
18	L901587	< 0.01	
19	L901588	< 0.01	
20	L901589	< 0.01	< 0.01
21	L901590	< 0.01	
22	L901591	0.02	

Certified by



Valid Abu Ammar

Client:	Val d'Or Mining Corporation	ANALYSIS CERTIFICATE
Project:	VP	**A21-5385**
Sample type (s):	rock/grab	12/13/2021 12:00:00 AM
Submitted By:	Michael Rosatelli	

QC RESULTS

	CAS Number Method Code Units	Au FA-AAS g/Mt
1	OREAS 235 meas	1.61
2	OREAS 235 meas	1.57
3	Blank Value	< 0.01
4	Blank Value	< 0.01

Certified by

Valid Abu Ammar

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 Practicing 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 Val d'Or Mining Corporation.

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
December 22, 2021

APPENDIX A

STATEMENT OF QUALIFICATIONS

I, Gun Hee You, hereby declare that:

1. I am a Geoscience-in-Training with residence in Calgary, Alberta and am presently employed as a Geophysicist in Training with Canadian Exploration Services Ltd. of Larder Lake, Ontario.

2. I graduated with a Bachelor of Science degree in geophysics from the University of Calgary, in Calgary Alberta, in 2020.

3. I am a member of the Association of Professional Engineers and Geoscientists of Alberta (APEGA) as a Geoscientist-in-Training (Member ID 280049).

4. I have previous geophysical work experience during and following my education.

5. I do not have nor expect an interest in the properties and securities of Val d'Or Mining Corporation**.**

6. 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.

Gun Hee You, G.I.T., B.Sc.
Geophysicist in Training

Larder Lake, ON
December 22, 2021

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

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
Geocaching-friendly:	yes (paperless)
Custom maps compatible:	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)

1) Q2937-ValDor-Plumber-Traverse (1:5000)

Total Maps = 1

526400 526600 526800 527000 527200 527400 527600 527800 528000 528200 528400

5315600 5315400 5315200 5315000 5314800 5314600 5314400 5314200 5314000

318403 271889 186528 264660 318404 321257 205377 186530 186529 149786 111320 149787 301761 271890

Diabase

Mixed Alder L901589 L901590 L901591 L901530 L901529 L901531 L901588 L901587 L901532 L901584 L901586 L901585 L901525 L901526 L901528 L901527 L901583 L901582 L901524 L901579 L901580 L901581

Timbers Trench Gabbro Feldspars Gabbro DDH Mineralize Boulders Mafic Cedar Spruce Porphyry

Traverse October 12, 2021
Traverse October 18, 2021
Traverse October 19, 2021
Traverse October 28, 2021
Traverse October 29, 2021

Scale 1:5000

100 0 100 200 300

(meters)

NAD83 / UTM zone 17N

CORPORATION MINIERE VAL-D'OR MINING CORPORATION

PLUMBER PROSPECT
Cairo Township, Ontario

Prospecting Traverse Plan Map
Notes and Observations

Traverses By: Bruce Lavalley, Claudia Moraga and Mark Brazeau
Processed by: C Jason Ploeger, P.Geo.
Map Drawn By: C Jason Ploeger, P.Geo.
December 2021

CANADIAN EXPLORATION SERVICES LTD

Drawing: Q2961-GoldenValley-Matachewan-Prospecting