

We are committed to providing [accessible customer service](#).

If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).

Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).



CANADIAN EXPLORATION SERVICES LTD

Val D'Or Mining Corporation

**Q2937 – Bulldog Prospect
Grass Roots Prospecting Program**

C Jason Ploeger, P.Ge. November 8, 2021



Abstract

Canadian Exploration Services Limited (CXS) performed a grass roots prospecting program for Val D'Or Mining Corporation over the Bulldog 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 mentioned 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 31 samples were collected and sent to the client.

Val D'Or Mining Corporation

**Q2937 – Bulldog Prospect
Grass Roots Prospecting Program**

C Jason Ploeger, P.Geol.

November 8, 2021

TABLE OF CONTENTS

1.	SURVEY DETAILS	10
1.1	PROJECT NAME	10
1.2	CLIENT	10
1.3	SUMMARY	10
1.4	LOCATION	10
1.5	ACCESS	11
1.6	OWNERSHIP	12
1.7	GENERAL GEOLOGY	12
1.8	PROPERTY HISTORY	13
2.	PROSPECTING	14
2.1	OVERVIEW	14
2.2	PLANS & PERMITS	14
2.3	DAILY LOG	15
2.4	PERSONNEL	15
2.5	TRAVERSE SPECIFICATIONS	15
3.	RESULTS	16
3.1	SUMMARY OF SAMPLES COLLECTED	16
3.3	DAY 2 – 5 OCTOBER 2021	19
3.3	DAY 3 – 6 OCTOBER 2021	25
3.3	DAY 3 – 7 OCTOBER 2021	42

LIST OF APPENDICES

APPENDIX A	STATEMENT OF QUALIFICATIONS
APPENDIX B	INSTRUMENT SPECIFICATIONS
APPENDIX C	LIST OF MAPS (IN MAP POCKET)

LIST OF TABLES AND FIGURES

Figure 1: Location of the Bulldog Prospect	11
Figure 2: Areas Prospected	14
Figure 3: Traverse conducted on October 4, 2021	17
Figure 4: Cross Section of Sample 905736	18
Figure 5: Traverse conducted on October 5, 2020	19
Figure 6: Cross Section of Sample 901552	20
Figure 7: Cross Section of Sample 901553	21
Figure 8: Cross Section of Sample 901554	22

Figure 9: Cross Section of Sample 901555	23
Figure 10: Cross Section of Sample 901501	24
Figure 11: Traverse conducted on 6 October, 2021	25
Figure 12: Picture of Shaft 1	26
Figure 13: Picture of Shaft 2	26
Figure 14: Cross Section of Sample 901556	27
Figure 15: Cross Section of Sample 901557	28
Figure 16: Cross Section of Sample 901558	29
Figure 17: Cross Section of Sample 901559	30
Figure 18: Cross Section of Sample 901560	31
Figure 19: Cross Section of Sample 901561	32
Figure 20: Cross Section of Sample 901562	33
Figure 21: Cross Section of Sample 901563	34
Figure 22: Cross Section of Sample 901564	35
Figure 23: Cross Section of Sample 901502	36
Figure 24: Cross Section of Sample 901503	37
Figure 25: Cross Section of Sample 901504	38
Figure 26: Cross Section of Sample 901505	39
Figure 27: Cross Section of Sample 901506	40
Figure 27: Cross Section of Sample 901507	41
Figure 11: Traverse conducted on 7 October, 2021	42
Figure 14: Cross Section of Sample 901565	43
Figure 15: Cross Section of Sample 901566	44
Figure 15: Cross Section of Sample 901567	45
Figure 15: Cross Section of Sample 901568	46
Figure 15: Cross Section of Sample 901508	47
Figure 15: Cross Section of Sample 901509	48
Figure 15: Cross Section of Sample 901510	49
Figure 15: Cross Section of Sample 901511	50
Figure 15: Cross Section of Sample 901512	51
Figure 15: Cross Section of Sample 901513	52
Table 1: List of Cell Claims	12
Table 2: Daily Prospecting Log	15
Table 3: Summary of Samples Collected	16
Table 4: Features Located	16

1. SURVEY DETAILS

1.1 PROJECT NAME

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

1.2 CLIENT

Val d'Or Mining Corporaton.

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 Bulldog 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 31 samples were collected and sent to the client.

All coordinates presented in this report are in UTM NAD83 Zone 17N.

1.4 LOCATION

The Bulldog Prospect is located in Boston Township approximately 11.5km south of Kirkland Lake, Ontario. The survey area covers multiple cell claims located within the Larder Lake Mining Division of Ontario. The prospecting area covers cell claims 564025, 564024, 564023, 564022, 564021, 564020, 564019, 564018, 564017, 564016, 564015, 564014, 564013 and 564012.

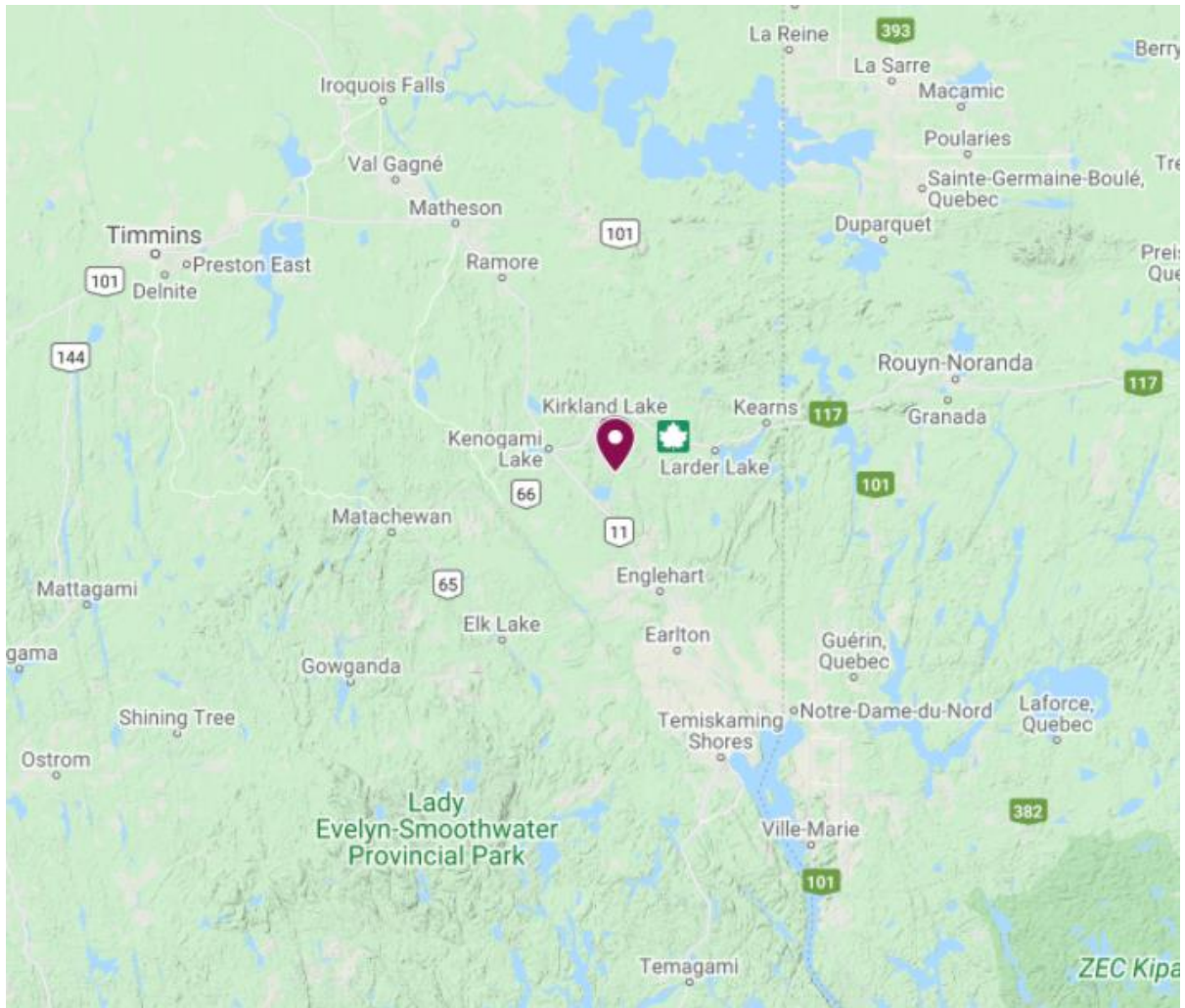


Figure 1: Location of the Bulldog Prospect

1.5 ACCESS

Access to the property was attained with a 4x4 truck by traveling south on highway 112 for approximately 12.2 kilometers from its intersection with highway 66. From here a series of ATV trails were used to access the traverse areas.

1.6 OWNERSHIP

Claim Number	Provincial ID	Holder	Township
564025	42A01A200	Val d'Or Mining Corporation	Boston
564024	32D04D182	Val d'Or Mining Corporation	Boston
564023	32D04D181	Val d'Or Mining Corporation	Boston
564022	42A01A199	Val d'Or Mining Corporation	Boston
564021	42A01A198	Val d'Or Mining Corporation	Boston
564020	32D04D162	Val d'Or Mining Corporation	Boston
564019	32D04D161	Val d'Or Mining Corporation	Boston
564018	42A01A179	Val d'Or Mining Corporation	Boston
564017	42A01A178	Val d'Or Mining Corporation	Boston
564016	32D04D141	Val d'Or Mining Corporation	Boston
564015	42A01A160	Val d'Or Mining Corporation	Boston
564014	42A01A159	Val d'Or Mining Corporation	Boston
564013	42A01A158	Val d'Or Mining Corporation	Boston
564012	42A01A180	Val d'Or Mining Corporation	Boston

Table 1: List of Cell Claims

1.7 GENERAL GEOLOGY

Taken from O. Kamtapersaud, 2000.

Geological data is provided in an ODM report 66 Annual Report of the Ontario Department Of Mines, Volume LXVI, part 5* 1957 by K.D.Lawton.

Boston Township is the host to three major plutons. The Lebel Syenite stock in the northwest, the Otto syenite stock in the west and the Round Lake granite batholith in the south. Sandwiched between these batholiths are formations of basic and intermediate volcanics, intermediate and acid volcanics, acid volcanics and Timiskaming sediments. The volcanic formations are variably pillowed, brecciated, fragmented, sheared and foliated. They are locally porphyritic, tuffaceous and cherty.

Two bands of diorite and metadiorite trend northwesterly through the Township. One at the approximate center of the Township and the other in the southeast corner.

The North-central portion of the Township contains a broad arcuate band of taconite iron formation from which iron ore was produced during the period between 1964 and 1962.

Major structures in the Township are the northeast trending Boston fault and the north-west trending Pacaud fault in the East half of the Township as well as the bifurcated, north trending Long Lake fault through the entire length of the west portion of the Township and the conjugate northwest Boston Fault in the northwest quadrant of the

Township.

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).

- **1969: T Martin. (File 32D04SW0363):
Diamond Drilling – Boston Township**

In 1969 Martin drilled 3 drill holes totalling 333 feet.

- **1982-1983: Shiningtree Gold Resources Inc (File 32D04SW0314):
Ground Geophysics– Boston Township**

In 1982 and 1983 Shiningtree performed a magnetometer and VLF survey.

- **1984: Carl Forbes (File 32D04SW0308):
Sampling – Boston Township**

In 1984 Carl Forbes collected and assayed some samples.

- **1984: Canadian Nickel Co Ltd. (File 32D04SW0307):
Geological – Boston Township**

In 1984 Canadian Nickel performed some cut a grid on the east side of the group. They performed geologic mapping on in this area.

- **1996: Panterra Minerals Inc. (File 32D04SW0100):
Ground Geophysical and Physical– Boston Township**

In 1996 Panterra performed an IP survey along with some mag/VLF. They also performed some stripping and trenching.

- **1998-1999: Pancham Mining Group Ltd. (File 32D04SW2023):
Physical – Boston Township**

In 1998 and 1999 Pancham stripped and trenched on the property.

- **2014-2015: Jim Forbes (File 20000014111):
Physical – Boston Township**

In 2014 and 2015 Jim Forbes stripped and sampled on the property.

2. PROSPECTING

2.1 OVERVIEW

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

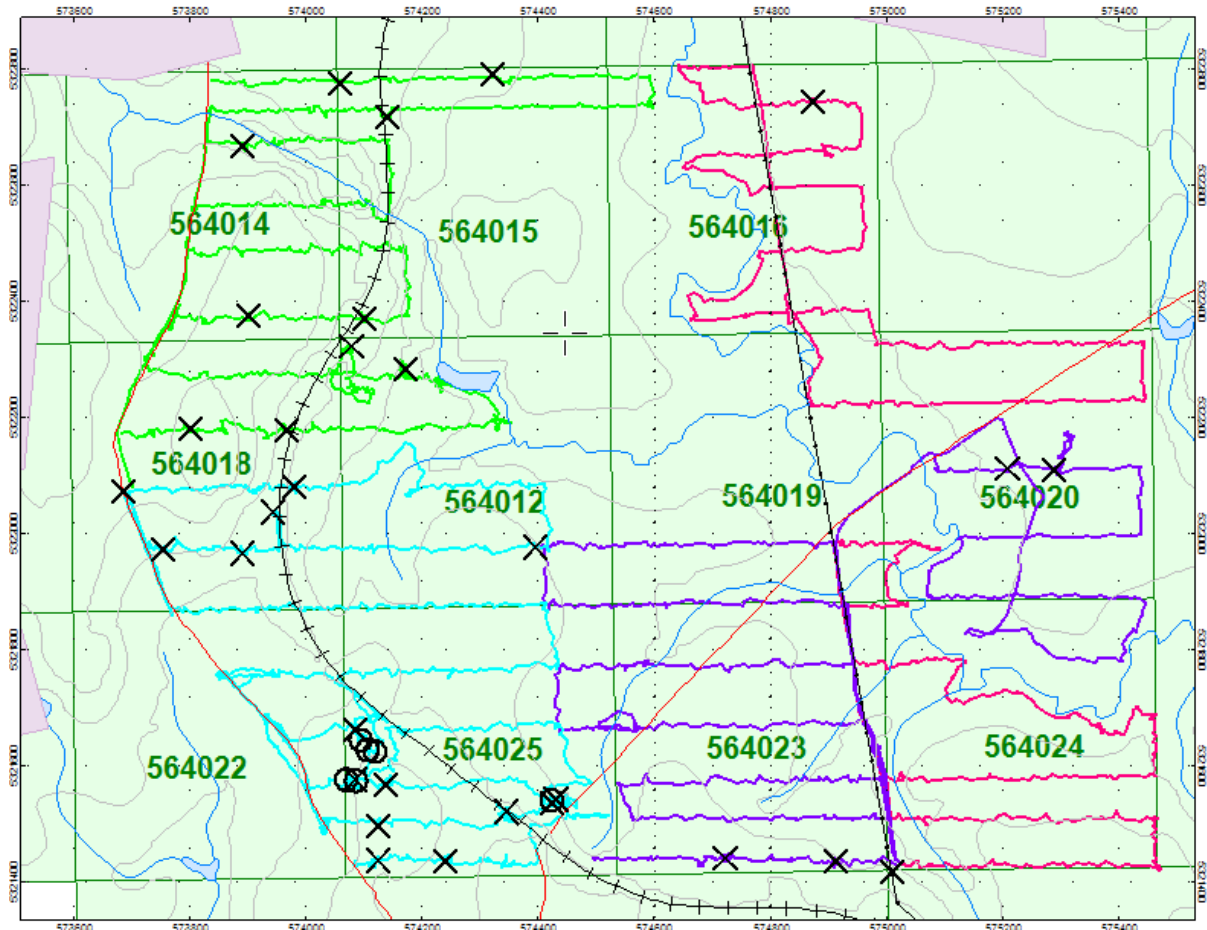


Figure 2: Areas Prospected

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 4, 2021	Locate prospecting area. Work on access and begin traverses.
October 5, 2021	Continue with prospecting traverses.
October 6, 2021	Continue with prospecting traverses.
October 7, 2021	Complete prospecting traverses.

Table 2: Daily Prospecting Log

2.4 PERSONNEL

Bruce Lavalley and Claudia Moraga, both of Dobie, 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 4, 2021	901551
October 5, 2021	901552-901555 901501
October 6, 2021	901556-901564 901502-901507
October 7, 2021	901565-901568 901508-901513

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
Pit	574068	5321578
Pit	574105	5321629
Pit	574118	5321626
Shaft	574422	5321543
Shaft	574093	5321646
Trench	574085	5321576

Table 4: Features Located

Day 1 – 4 October 2021

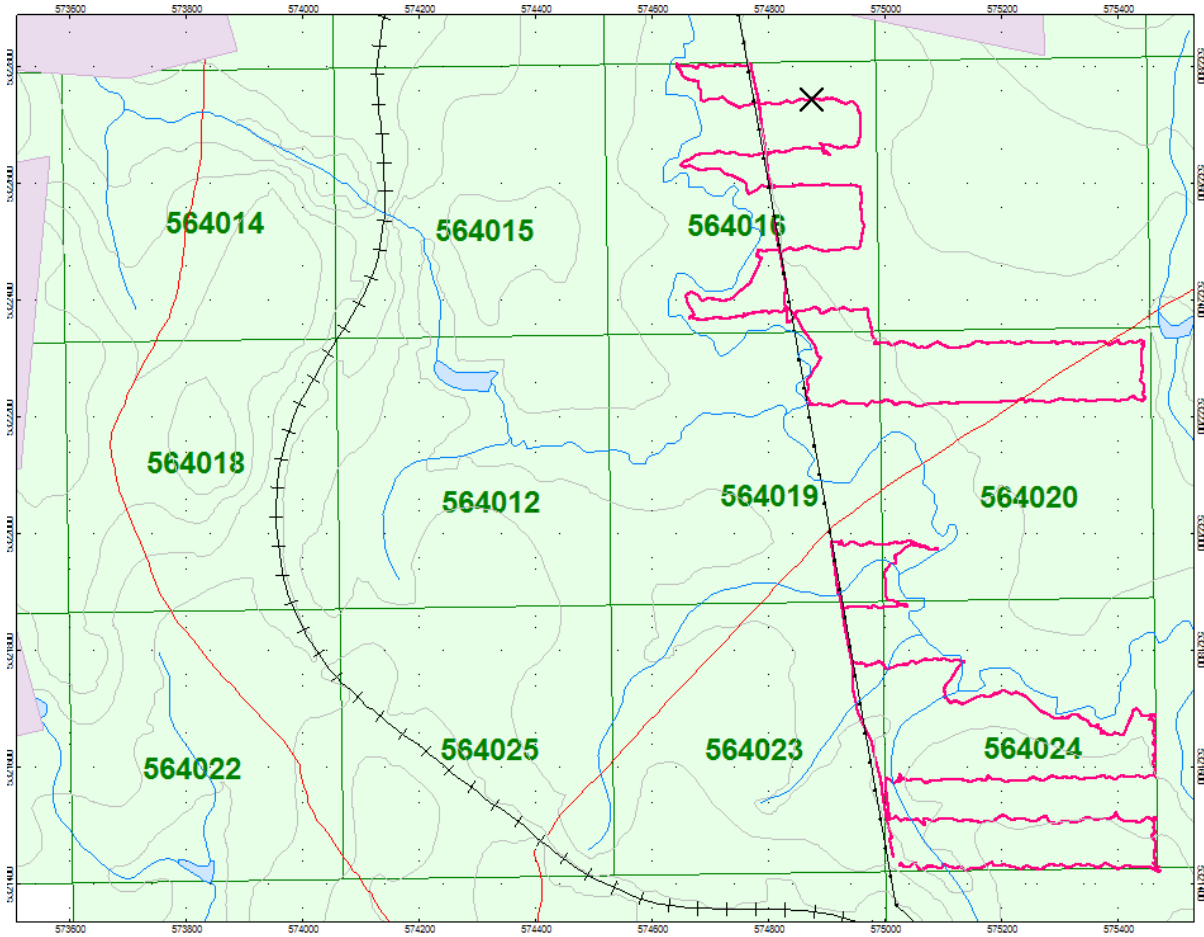


Figure 3: Traverse conducted on October 4, 2021

Sample 901551

Rock Description:

- Intermediate volcanic

Location:
574872E
5322744N

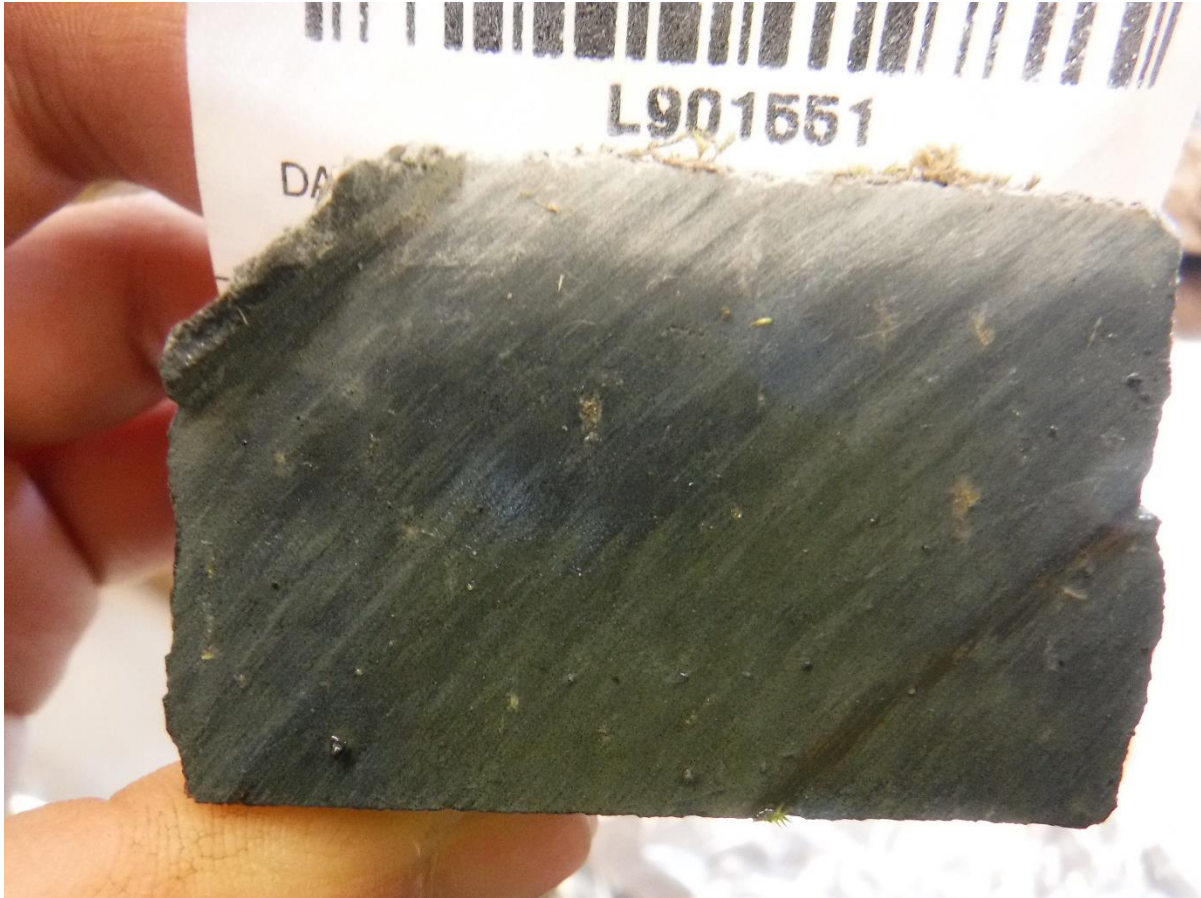


Figure 4: Cross Section of Sample 905736

Sample 901552

Rock Description:

- Coarse grain intermediate volcanic

Location:
575207E
5322113N

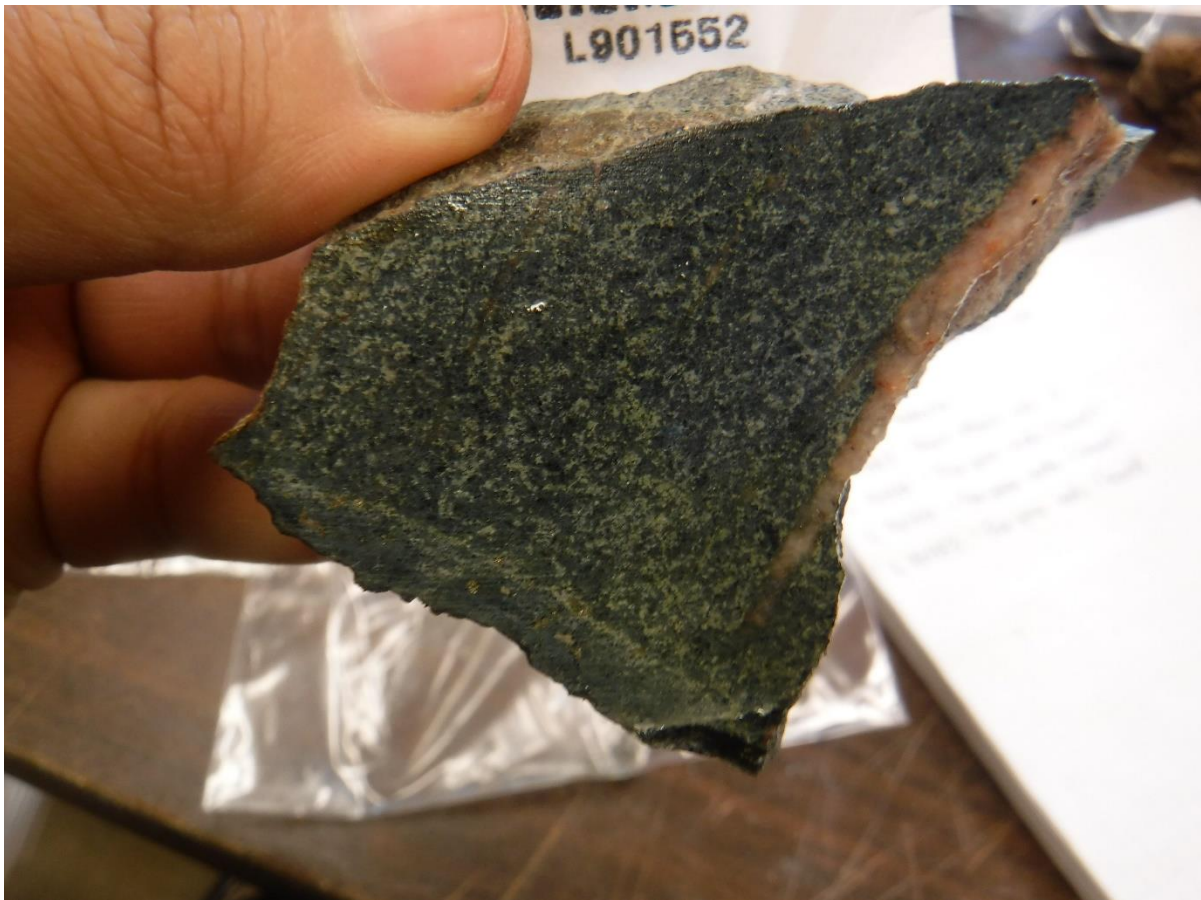


Figure 6: Cross Section of Sample 901552

Sample 901553

Rock Description:

- Fine grain mafic volcanic
- Minor sulphides

Location:
575287E
5322111N



Figure 7: Cross Section of Sample 901553

Sample 901554

Rock Description:

- Diorite
- Feldspar vein

Location:

574721E

5321442N



Figure 8: Cross Section of Sample 901554

Sample 901555

Rock Description:

- Fine grain mafic volcanic
- Minor Sulphide Mineralization

Location:
574911E
5321438N



Figure 9: Cross Section of Sample 901555

Sample 901501

Rock Description:

- Fine grain mafic volcanic

Location:
575009E
5321419N

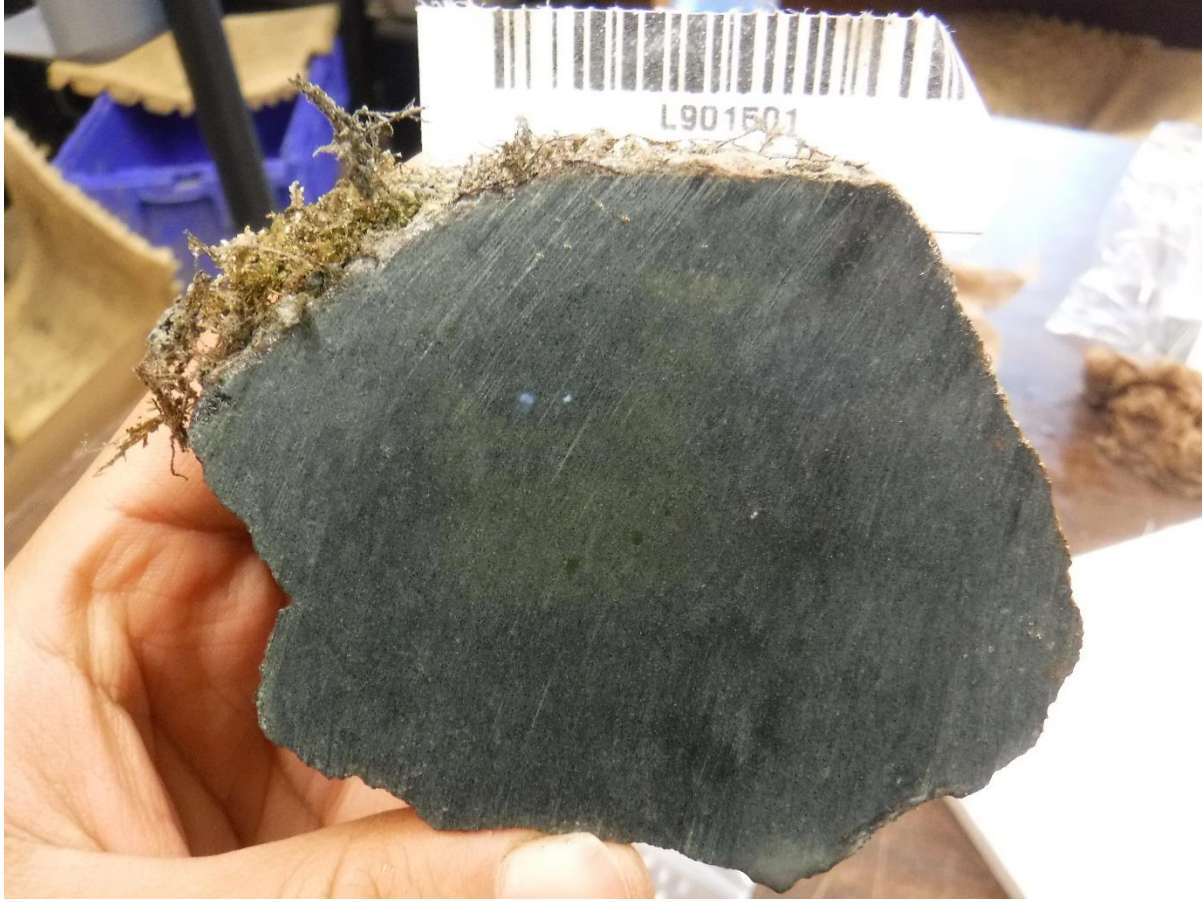


Figure 10: Cross Section of Sample 901501

3.3 DAY 3 – 6 OCTOBER 2021

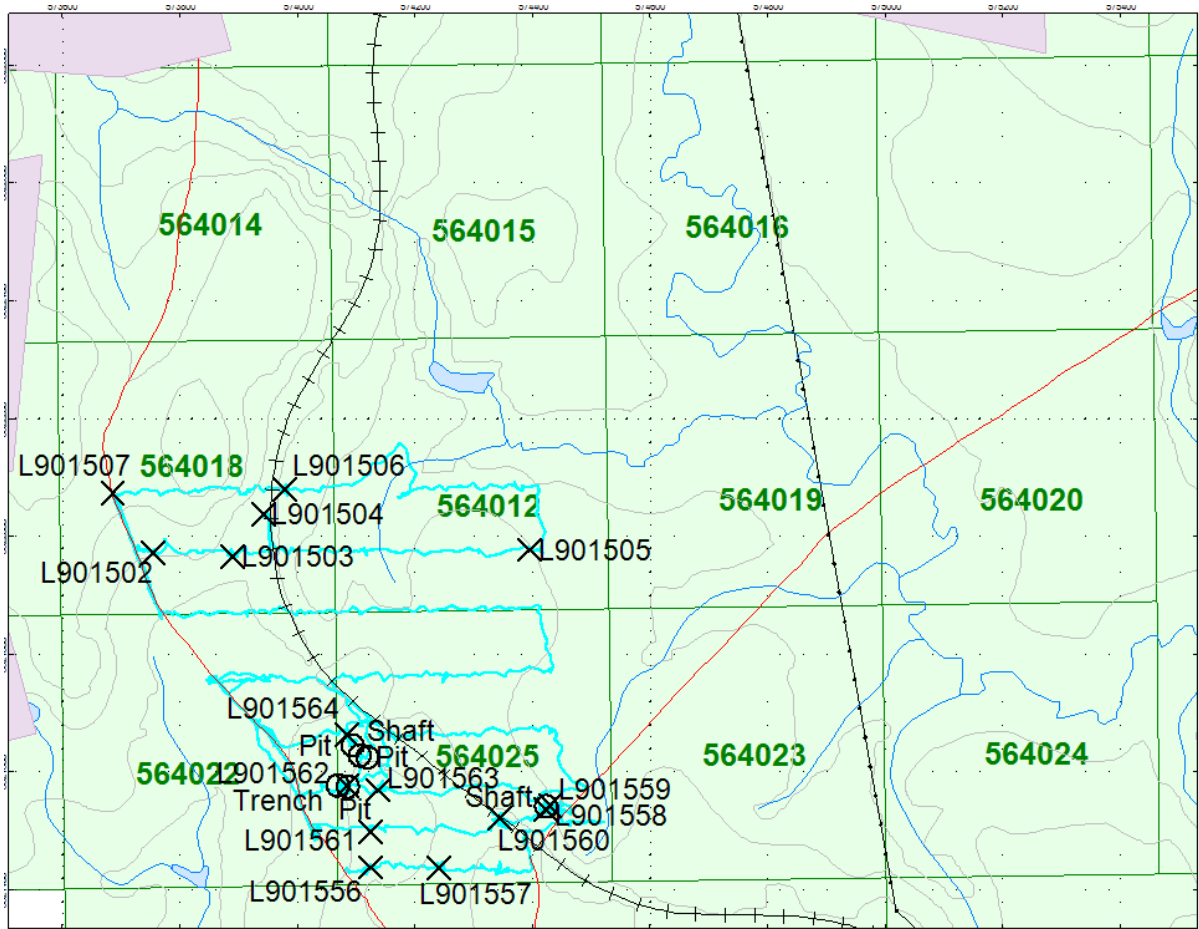


Figure 11: Traverse conducted on 6 October, 2021



Figure 12: Picture of Shaft 1



Figure 13: Picture of Shaft 2

Sample 901556

Rock Description:

- Fine graine mafic volcanic

Location:
574124E
5321439N



Figure 14: Cross Section of Sample 901556

Sample 901557

Rock Description:

- Porphyry
- Siliceous alteration

Location:
574239E
5321438N



Figure 15: Cross Section of Sample 901557

Sample 901558

Rock Description:

- Diorite
- Sulphide mineralization
- From shaft area

Location:

574422E
5321537N

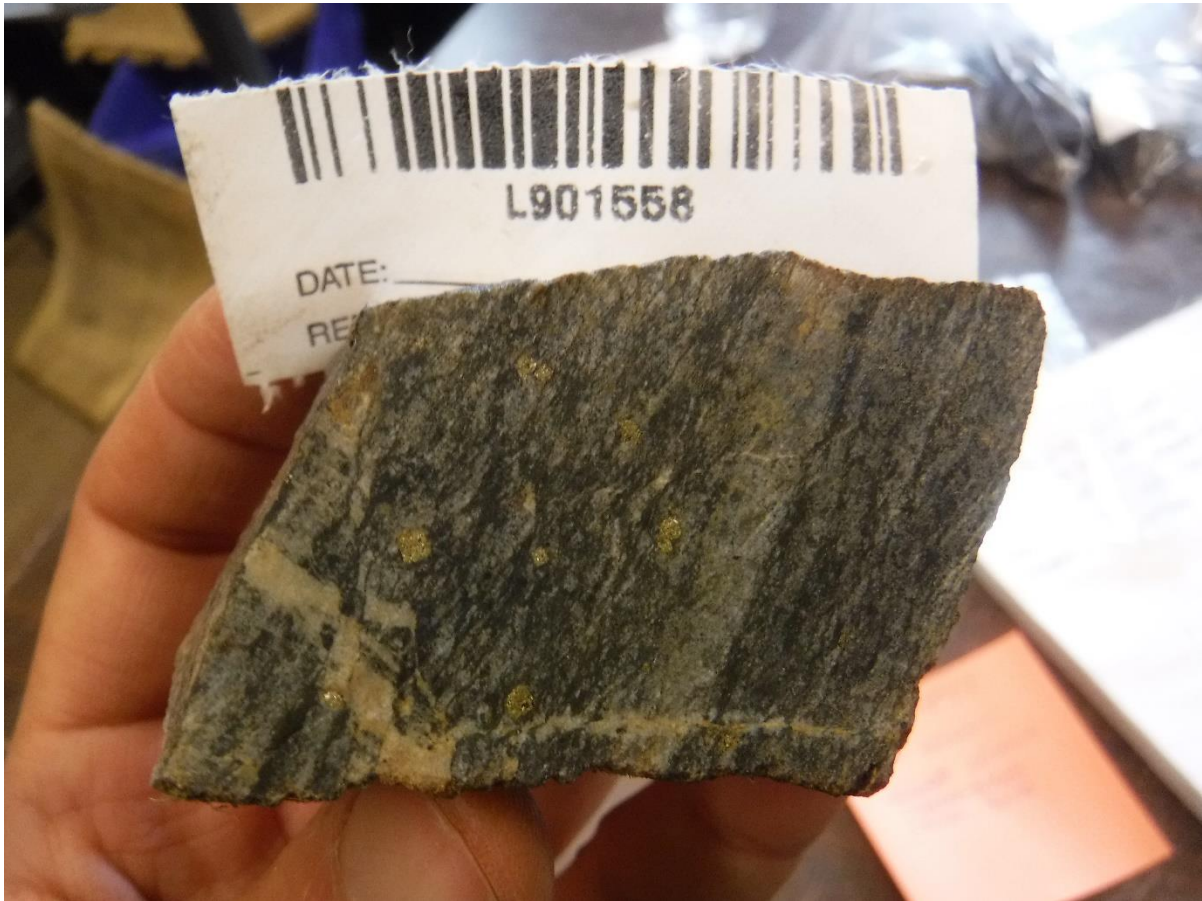


Figure 16: Cross Section of Sample 901558

Sample 901559

Rock Description:

- Diorite
- Sulphide mineralization
- From shaft area

Location:

574429E
5321544N



Figure 17: Cross Section of Sample 901559

Sample 901560

Rock Description:

- Mafic volcanic
- Quartz veining

Location:

574343E

5321523N



Figure 18: Cross Section of Sample 901560

Sample 901561

Rock Description:

- Altered flow top

Location:
574124E
5321499N



Figure 19: Cross Section of Sample 901561

Sample 901562

Rock Description:

- Altered gabbro

Location:

574084E

5321578N



Figure 20: Cross Section of Sample 901562

Sample 901563

Rock Description:

- Intermediate volcanic

Location:

574136E

5321570N



Figure 21: Cross Section of Sample 901563

Sample 901564

Rock Description:

- Gabbro

Location:

574083E

5321664N

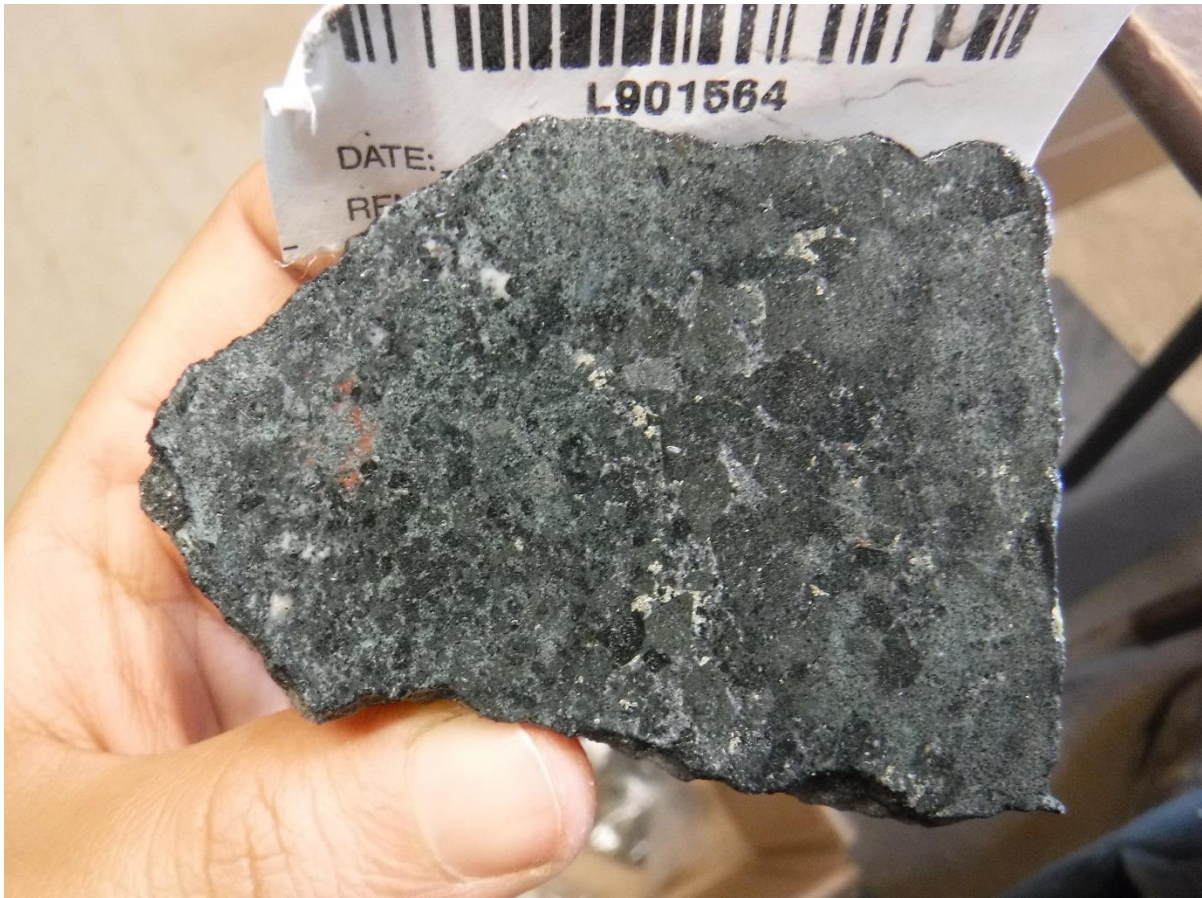


Figure 22: Cross Section of Sample 901564

Sample 901502

Rock Description:

- Syenite Porphyry

Location:
573753E
5321973N



Figure 23: Cross Section of Sample 901502

Sample 901503

Rock Description:

- Syenite Porphyry

Location:
573889E
5321967N



Figure 24: Cross Section of Sample 901503

Sample 901504

Rock Description:

- Intermediate volcanic

Location:
573941E
5322038N



Figure 25: Cross Section of Sample 901504

Sample 901505

Rock Description:

- Intermediate volcanic

Location:

574394E

5321978N



Figure 26: Cross Section of Sample 901505

Sample 901506

Rock Description:

- Porphyry

Location:

573978E

5322081N



Figure 27: Cross Section of Sample 901506

Sample 901507

Rock Description:

- Syenite porphyry

Location:
573685E
5322074N



Figure 28: Cross Section of Sample 901507

3.3 DAY 3 – 7 OCTOBER 2021

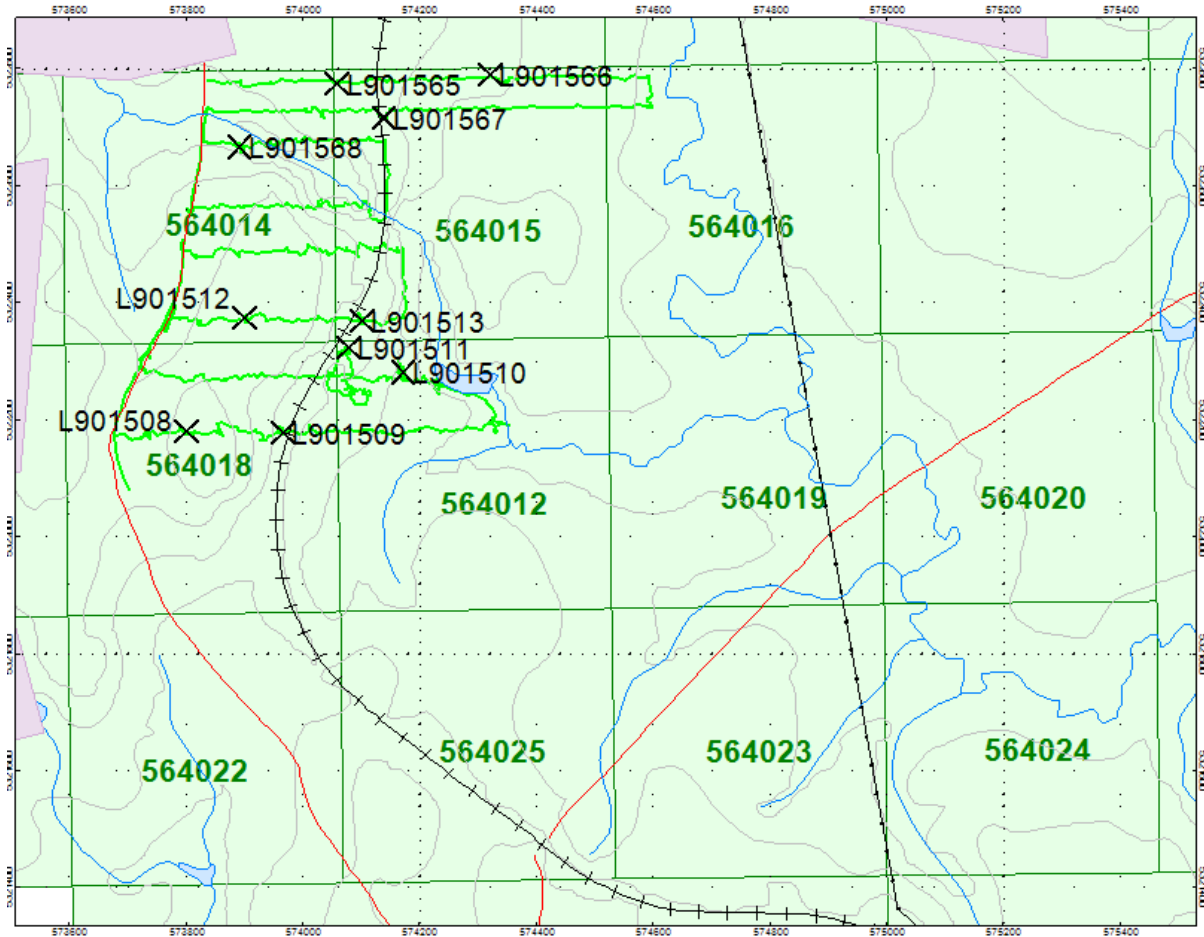


Figure 29: Traverse conducted on 7 October, 2021

Sample 901565

Rock Description:

- Intermediate volcanic

Location:

574058E

5322776N

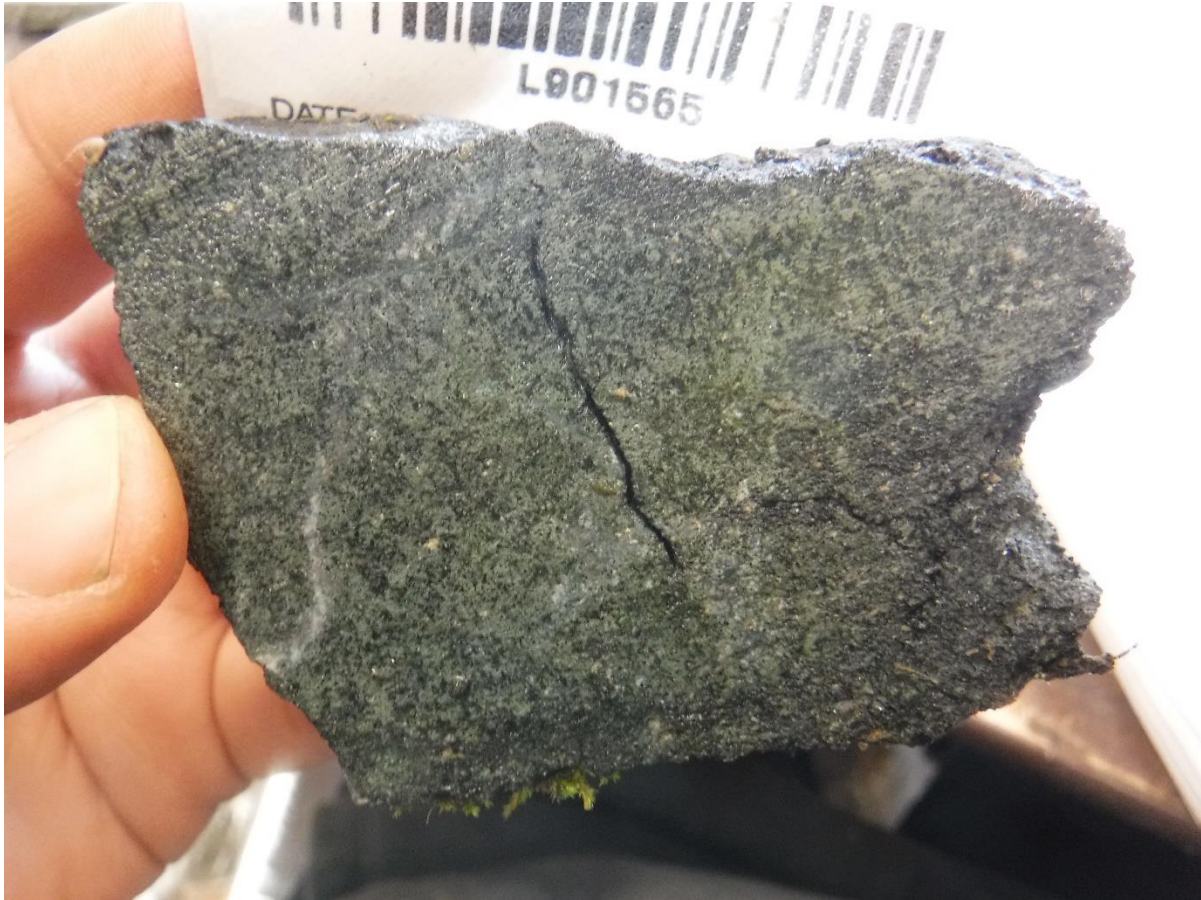


Figure 30: Cross Section of Sample 901565

Sample 901566

Rock Description:

- Lamprophyre

Location:
574320E
5322791N



Figure 31: Cross Section of Sample 901566

Sample 901567

Rock Description:

- Porphyry

Location:

574138E

5322717N



Figure 32: Cross Section of Sample 901567

Sample 901568

Rock Description:

- Porphyry

Location:

573890E

5322668N



Figure 33: Cross Section of Sample 901568

Sample 901508

Rock Description:

- Porphyry

Location:

573800E

5322181N



Figure 34: Cross Section of Sample 901508

Sample 901509

Rock Description:

- Mafic volcanic

Location:

573965E

5322179N



Figure 35: Cross Section of Sample 901509

Sample 901510

Rock Description:

- Gabbro

Location:

574171E

5322283N



Figure 36: Cross Section of Sample 901510

Sample 901511

Rock Description:

- Pegmatite

Location:

574077E

5322324N



Figure 37: Cross Section of Sample 901511

Sample 901512

Rock Description:

- Pegmatite

Location:

573900E

5322375N



Figure 38: Cross Section of Sample 901512

Sample 901513

Rock Description:

- Intermediate volcanic

Location:
574100E
5322370N



Figure 39: Cross Section of Sample 901513

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 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
November 8, 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
<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

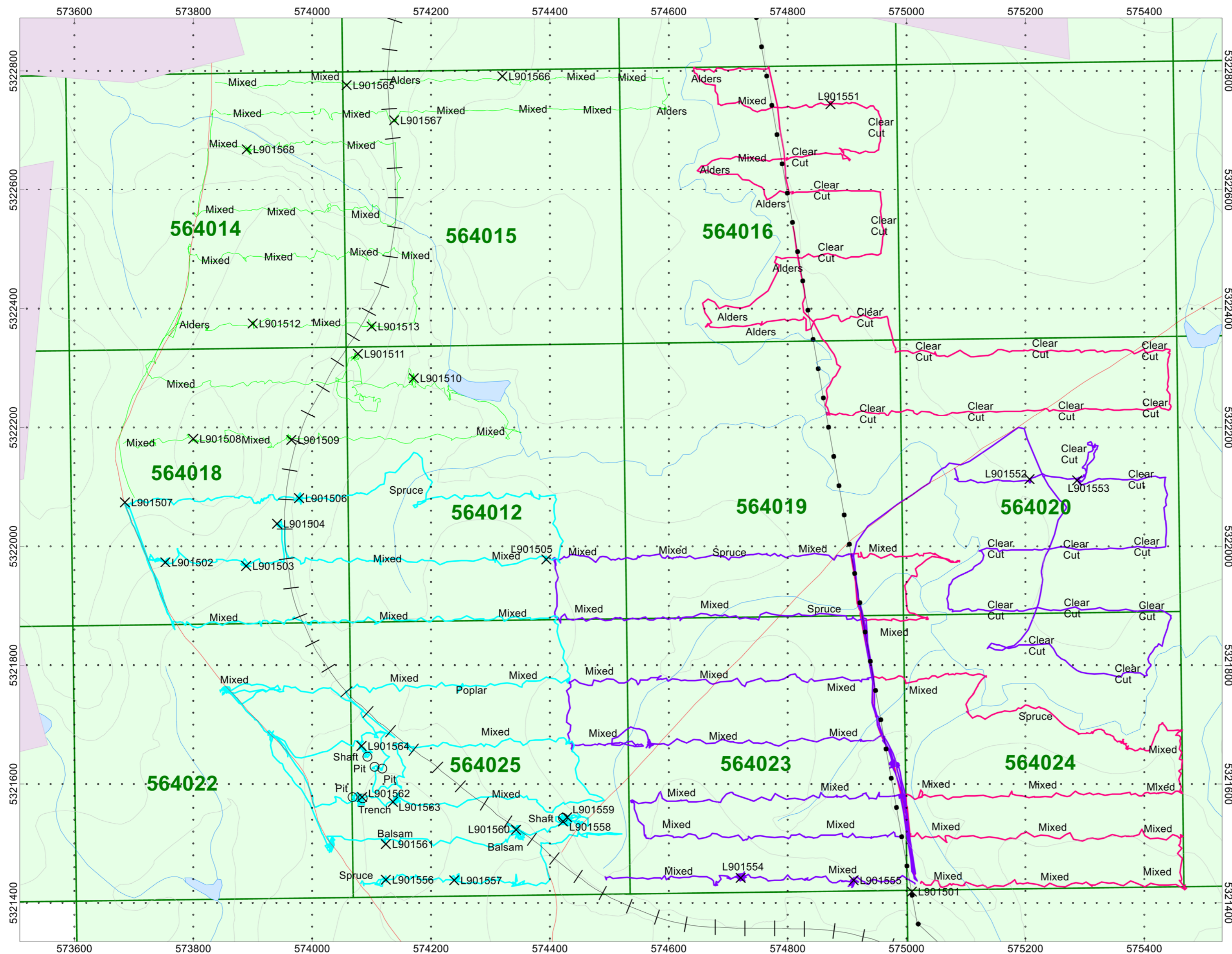
- *Specifications obtained from www.garmin.com*

APPENDIX C

LIST OF MAPS (IN MAP POCKET)

1) Q2937-ValDor-Bulldog-Prospecting (1:5000)

Total Maps = 1

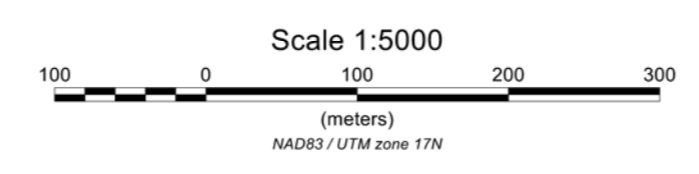


- Traverse October 4, 2021
- Traverse October 5, 2021
- Traverse October 6, 2021
- Traverse October 7, 2021



BULLDOG PROSPECT
Boston Township, Ontario

Prospecting Traverse Plan Map
 Notes and Observations



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

CXS
 CANADIAN EXPLORATION SERVICES LTD

Drawing: Q2937-ValDor-BulldogProspecting

877.504.2345 | info@cxsltd.com | www.cxsltd.com

