

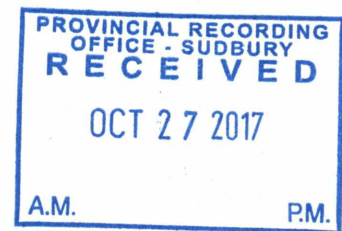
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**REPORT ON**

**ENID CREEK  
DIAMOND DRILL PROGRAM  
DRILL HOLE IL17-25-15**

**LOVELAND TOWNSHIP, ONTARIO  
PORCUPINE MINING DIVISION**



**FOR**

**INTERNATIONAL EXPLORERS & PROSPECTORS INC.**

**October 19, 2017**

**Submitted by: Lionel Bonhomme**

## **Table of Contents**

<b>Page 1</b>	Introduction, Location, Regional Geology, & Previous Work
<b>Page 2</b>	Previous Work (cont.), Personnel
<b>Page 3</b>	Program Costs for IL17-25-15
<b>Page 4</b>	Map of Regional Location
<b>Page 5</b>	1:5000 Map of Claim & DDH IL17-25-15
<b>Page 6</b>	1:20000 Map of Claim & DDH IL17-25-15
<b>Page 7</b>	Plan View of IL17-25-15
<b>Page 8</b>	Vertical Section of IL17-25-15
<b>Attachment A</b>	Log of drill hole IL17-25-15

## **Introduction**

During the month of August 2017, International Explorers and Prospectors Inc. commenced a drill program in Loveland Township, Ontario Canada. The project name is Enid Creek with Permit number PR-17-1108. Drilling began on August 20, 2017 and concluded on August 28, 2017 by NPLH Drilling. The drill hole identification is IL17-25-15 and the collar was located at 454021E, 5389552N (NAD83). A water line was used from nearby Enid Creek. The drilling contractor created sumps to ensure the capture of sulphides to protect the returning water. An existing forest logging road network was used for access.

The Enid Creek project contains a NI-43-101 non-compliant estimated resource of Cu-Ni-Platinum Group Metals (PGM) calculated in 2001. A 3D model was completed in 2004. In December 2016 and January 2017, a VTEM- Max airborne survey and interpretation on the property was conducted by Geotech Airborne Geophysical Surveys. The interpretation was completed in July 2017. The third target was tested with drill hole IL17-25-15. The log of this hole is being filed with ongoing sampling, pending analysis and geophysical surveys planned to be completed this winter.

The program was to create a downhole platform to allow testing of a geophysical conductor 150 meters below the known resource and to be used as a platform to guide future exploration.

## **Location**

DDH IL17-25-15 collar is located in Loveland Township, District of Cochrane in the Porcupine Mining Division claim number 1037149. The entirety of the hole goes through three claims 1037149, 1037102 and 4285824. The claim is approximately 30km northeast of the City of Timmins, Ontario. Access to the property is gained by following Kamiskotia Highway to Tembec logging road to marker 10. A logging trail built when the property was logged provides access to the claims. The vegetation in the area has rebounded from the logging and is lush and green.

## **Regional Geology**

The property is located in the Abitibi Greenstone Belt as identified on map P3379 OGS. The Kidd-Munro assemblage is located on the drill location the City of Timmins boundary where Gabbro and Mafic Volcanics outcrop.

## **Previous Work**

1957, Tilmac Group drilled 9 holes (T-640)  
1964-1968, Hollinger Mines drilled 25 holes (T-794)



1969-1971, Hollinger Mines performed a MAG survey (T-1358)  
1970, Hollinger Mines performed an AMAG EM survey (T -681)  
1978, Texas Gulf Canada performed a MAG survey (T-1873)  
1980, Gulf Minerals Ltd performed and AMAG EM survey (T-1929)  
1988-1989, Falconbridge drilled 3 holes and performed a MAG EM survey (T -3311)  
1994-1996, West Miner Ltd drilled 1 hole and performed geophysical surveys  
2000, Explorers Alliance Corporation drilled 8 holes (T -4488)  
2006, Explorers Alliance Corporation drilled 3 holes  
2006, Explorers Alliance Corporation drilled 2 holes  
2016-17, Geotech Airborne Geophysical Surveys, VTEM Max Geophysical Survey  
2016-17, Geotech Airborne Geophysical Surveys, VTEM Max Geophysical Survey  
Interpretation  
2017, International Explorers & Prospectors Inc. drilled 1 hole

### **Personnel**

The program was managed by Lionel Bonhomme and the drill core was logged by Geotechnician LeAnn van Hees under the supervision of Lionel Bonhomme. Detailed logs are attached with the location maps, plans and sections.

program costs for IL 17-15

August, September October 2017

dozer	aug.29		7 hrs	150 /hr	1,050	
				demobe		1,050
casing	20,aug		36 meters	68 /meter	2,448	
coring	20-Aug		264 meters	68 /meter	17,952	
		29-Aug	102 meters	70 /meter	7,140	
reflex test			8 tests	65.4 /test	523	
reflex rental	20,Aug	29,Aug	10 days	101 /day	1,010	
casing left			12 3m pieces	120 /piece	1,440	
nw crown			1 shoe	445 /shoe	445	
core trays			84 trays	7 /tray	588	
				total drill cost		31,546
				meters drilled		402
				cost per meter		78.47
LeAnn Van Hees	Aug 20 - Oct 19		53.25 hr	43.75 /hr	2,330	
W Corstorphine	Oct 12-16		10 hr	50 /hr	500	
S Woolhead	Aug 20 - Sep 27		40.5 hours	35 /hr	1,418	
L Bonhomme	Aug 20 - Oct 23		6 days	500 /day	3,000	
				Total		7,247
room & board	20,Aug	29,Aug	8 days	180 /day	1,440	1440
Polk Geological	core shack rental		2/6 of monthly rental		750	750
LeAnn van Hees	truck		3 days	50/day	150	
S Woolhouse milleage	Aug 21 - 29		492 km	\$0.50 /km	246	
				Transportation costs		396
			program	Total costs		42,429
				meters drilled		402
				cost per meter		105.55
			claim 1037149	240 meters		\$25,331
			claim 1037162	87 meters		\$9,182
			claim 4285824	75 meters		\$7,916
			total meters	402		\$42,429







# Claim 1037149

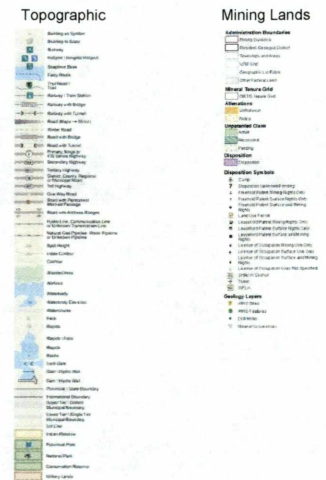
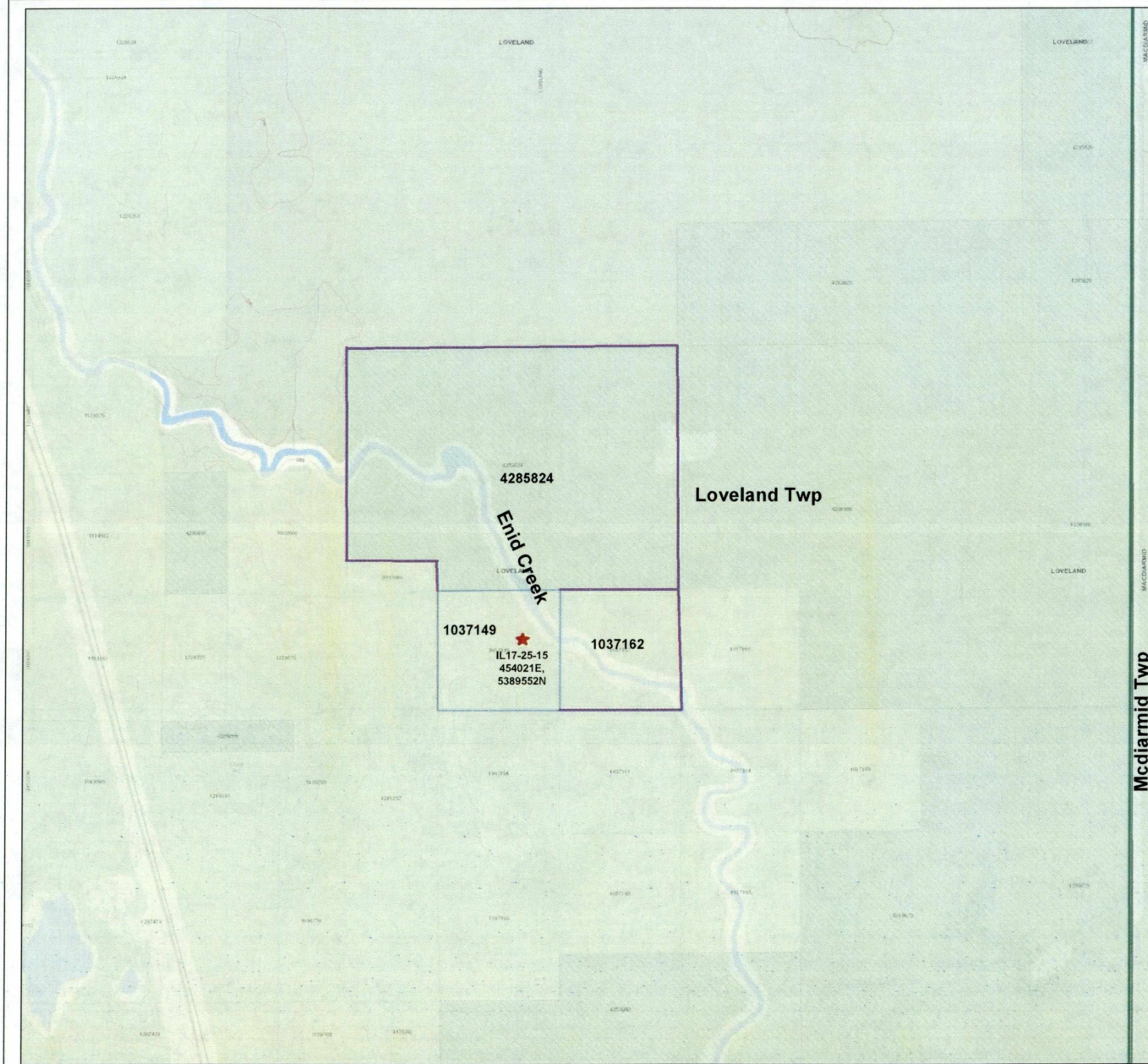
**IL17-25-15**  
**Collar Location: 454021E, 5389552N (NAD83)**  
**Additional Claims in purple to show the extent of the drill hole.**



Ontario Ministry of Northern Development and Mines  
 Mining Lands Tenure Map

## Administrative Districts

Township  
**LOVELAND**  
 Mining Division  
**Porcupine**  
 Land Registry  
**COCHRANE**  
 MNRF District Office  
**TIMMINS**



Scale: 1:5,000  
 0 1.00 km

Map Datum: NAD 83  
 Projection: Web Mercator



Those wishing to stake mining claims should consult with the Provincial Mining Records' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources.  
 Completeness and accuracy are not guaranteed.

Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources and Forestry.  
 The information shown is derived from digital data available in the Provincial Mining Records' Office at the time of downloading from the Ministry of Northern Development and Mines web site.  
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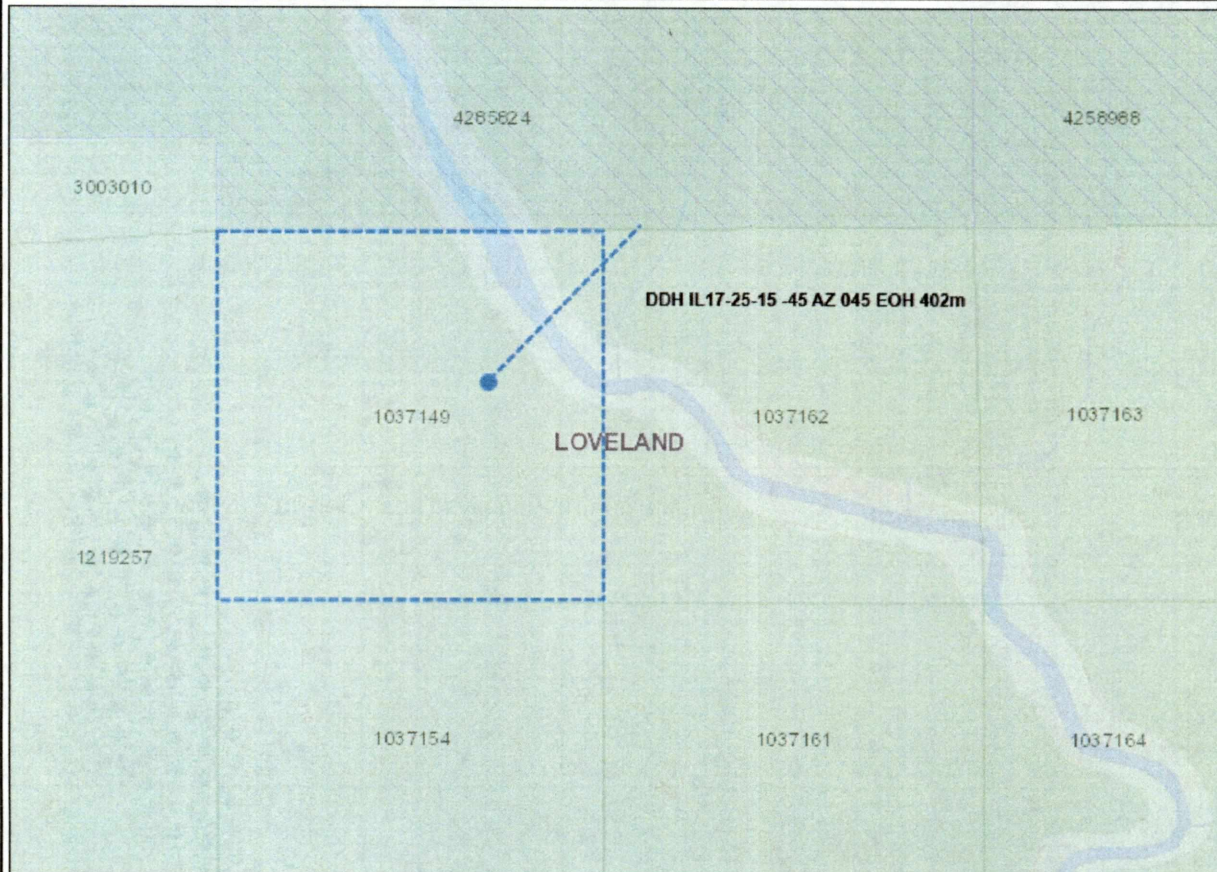




MINISTRY OF NORTHERN DEVELOPMENT AND MINES  
CLAIMaps

IE&P INC

Notes:  
Location Map for DDH IL17-25-15



### Legend

- Administration Boundaries**
  - Mining Divisions
  - Resident Geologist District
  - Townships and Areas
  - UTM Grid
  - Geographic Lot Labels
  - Other Federal Land
- Mineral Tenure Grid**
  - DMTC Tenure Grid
- Alienations**
  - Withdrawal
  - Notice
- Unpatented Claim**
  - Active
  - Reconciled
  - Pending
- Disposition**
  - Disposition
- Disposition Symbols**
  - Camp
  - Disposition Unknown/Pending
  - Freehold Patent Mining Rights Only
  - Freehold Patent Surface Rights Only
  - Freehold Patent Surface and Mining Rights
  - Leasehold Patent Mining Rights Only
  - Leasehold Patent Surface Rights Only
  - Leasehold Patent Surface and Mining Rights
  - License of Occupation Mining Use Only
  - License of Occupation Surface Use Only
  - License of Occupation Surface and Mining Rights
  - License of Occupation Uses Not Specified
  - Order in Council
  - Tower
  - WFLA
- Geology Layers**
  - AMIS Data
  - AMIS Features
  - Dike Marks
  - Mineral Occurrences

0 0.30 km

Projection: Web Mercator



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# **ATTACHMENT A**

<b>PROJECT</b>	<b>Hole ID</b>	<b>Date Drilled</b>	<b>Logged by</b>
Enid Creek	IL17-25-15	Aug-17	LeAnn van Hees

<b>UTM Coordinates</b>		<b>Azimuth</b>	<b>Dip</b>
<b>Easting</b>	<b>Northing</b>		
454021	538955	45	-45

Project	DDH	Major Unit		Major Unit Title	Minor Unit		Minor Unit Title	Description
		From	To		From	To		
Enid Creek	IL17-25-15	0	35	Overburden				
Enid Creek	IL17-25-15	35	44.5	Rhyolite				casing at 36m; hard; light to medium greenish grey; vfg to fg; patchy magnetic; qtz/carb/epidote filled fractures/hairline veinlets; fabric generally at 30 deg tca; tr-3% sulphides
Enid Creek	IL17-25-15	44.5	56.9	Pyroxenite				Dark grey with blue green hue (patches/veinlets); vfg matrix with greenish to creamy "rosettes" or clots of feldspar?; irregular shape but generally round to oval; possible green due to epidote or olivine; some clots of dark blue/green; general fabric has faint veinlets/fractures with blue hue at 35-40 deg tca; hard; patchy magnetic; occasional iron stained feldspar/syenite on fracture surfaces; 1-6% sulphides
Enid Creek	IL17-25-15				48	48.5	Vein	brecciated qtz/carb/feldspar
Enid Creek	IL17-25-15				50	50.5	Shearing	45 deg tca
Enid Creek	IL17-25-15				52.4	56.9	Clots	area of irregular shaped qtz clots/fragments some rimmed with white to greenish feldspar; some clots have feldspar within forming irregular shape; many creamy to greenish feldspar "rosettes"/veinlets/filled fractures; no set pattern
Enid Creek	IL17-25-15				55	56.9	Porphyry	rare clasts of "Porphyry" with weak iron staining
Enid Creek	IL17-25-15	56.9	58.5	Porphyry				dark grey vfg with white/creamy/reddish syenite coarse grained feldspar; strongly broken lower contact; many hairline-1cm veinlets at various angle tca; semi-hard; 1-2% sulphides
Enid Creek	IL17-25-15	58.5	102.5	Diabase Dyke				broken upper contact; vfg grading slowly to coarse grained at 62.5m; fg dark grey/green matrix with greenish/white/creamy/pale red coarse grains; very magnetic; hard; rare veins; 1-4% sulphides
Enid Creek	IL17-25-15				59.4	59.6	Vein	qtz/carb/chlorite vein at 45 deg tca; 1.5-7cm wide; lower contact is 2-3mm vein of py + pn
Enid Creek	IL17-25-15				97	102.5	Change in Grain Size	grades from coarse grained to fine grained
Enid Creek	IL17-25-15	102.5	123.9	Pyroxenite				dark bluish grey; vfg; hard; weakly magnetic; weak to moderate patchy bleaching; 4-5% carb/qtz/feldspar veining generally at 40-45 deg tca (some at 25-35 deg tca); tr-5% sulphides
Enid Creek	IL17-25-15				102.5	103.2	Alteration	altered upper contact; grey + brown + reddish (red may be due to red overprinting on the green); fine to med grained red syenite grains; series of qtz/feldspar(greenish/white/pinkish)/minor carb veinlets hairline-2cm wide with epidote grains at 45 to 25 deg tca
Enid Creek	IL17-25-15				103.2	104.3	Porphyroblastic	porphyroblastic texture with white to greenish white fine to med grained feldspar and spherules; some spherules are round - some have core of green or a sulphide and some show radial growth
Enid Creek	IL17-25-15				103.9	104.3	Vein	carb/qtz/minor feldspar sheeted vein; sub-parallel tca; hairline-2.5cm wide
Enid Creek	IL17-25-15				120.1	123.9	Alteration	brownish alteration; vfg; when looking at broken surface brown with blue green interior; hard; cherty appearance; lighter bluish grey "vein" running down center parallel tca



Enid Creek	IL17-25-15	123.9	133.9	Pyroxenite/Mafic Flow		intermixing contact between pyroxenite above and mafic flow below; vfg-fg; bluish grey to brown in color; sections with amygdals; weak to mod patchy magnetic; few hairline veinlets at 45 deg tca that are bluish white calcite; brown cherty appearing alteration in and out; weak bleaching with many bluish to buff hairline fractures; tr-2% sulphides
Enid Creek	IL17-25-15	133.9	145.6	Mafic Flow		vfg-fg; weak patchy magnetic near upper contact; patchy weak to mod bleaching; patchy amygdals; hard; most hairline veinlets/fractures at 45 deg tca; lower contact is very strongly amygdaloidal; tr-7% sulphides
Enid Creek	IL17-25-15	133.9	134.8	Upper Contact		mottled appearance with brownish grey color
Enid Creek	IL17-25-15	141.4	144.7	Amygdals/Weak Bleaching		increasing amygdals of various sizes 1mm-2cm; increasing weak bleaching associated with fractures/amygdals; larger 2-4cm irregular shaped qtz with minor epidote fragments/filled voids that are rimmed with carb in the shape of tiny solid bubbles or bullseyes (turbulent outside edges)
Enid Creek	IL17-25-15	144.7	145.6	Lower Contact		upper contact 90 deg tca; lower contact 35 deg tca; med green/grey fine grained; amygdaloidal with most amygdals being of a dark green/grey color; 144.75m there is a irregular fragment approximately 10cm with a zonation towards center beginning with a light grey to med grey to bleached buff oval center
Enid Creek	IL17-25-15	145.6	217.2	Mafic Pillow Volcanics		med/dark grey with few lighter weakly bleached areas; hard; weak patchy magnetic; grain size varies from vfg in selvages to med/coarse grained in the center portions of the pillows; general fabric varies 30-50 deg tca; many patchy amygdals which appear to be greater in the centers of the pillows with the coarser graining; weak bleaching of fractures/fragments; strong patchy chlorite; few fractures with moderately calcitic; a massive mafic dyke/fragment; a weakly to moderately graphitic dyke; most amygdals are tiny and whitish or dark green- rare up to 2cm in width; few rare carb/qtz veinlets; areas of pillow breccia; trace-4% sulphides
Enid Creek	IL17-25-15	153.4	154.4	Massive Mafic		Upper contact irregular at 10 deg tca; lower contact 30 deg tca
Enid Creek	IL17-25-15	157.5	158.2	Graphitic		weakly to moderately graphitic mainly in fractures; massive
Enid Creek	IL17-25-15	163.7	164.3	Pillow Breccia		large fragments of weak/moderately bleached amygdaloidal pillow fragments with vfg chloritic selvages
Enid Creek	IL17-25-15	164.9	165.3	Pillow Breccia		large fragments of weak/moderately bleached amygdaloidal pillow fragments with vfg chloritic selvages
Enid Creek	IL17-25-15	217.2	233.1	Mafic Pillow Flow		upper contact is gradational with many various sized/shaped 1mm-1cm amygdals zoned/filled/rimmed with qtz/carbonate/chlorite; hard; weak patchy magnetic; color becomes med green with darker moderately chloritic selvages/patches; patchy brecciation; strongly amygdaloidal throughout however after upper contact amygdals become much smaller 1-3mm filled with qtz/carb/chlorite; weak patchy bleaching; weak ff calcite; tr-2% sulphides
Enid Creek	IL17-25-15	217.2	219	Upper Contact		gradational upper contact; many various sized/shaped 1mm-1cm amygdals zoned/filled/rimmed with qtz/carbonate/chlorite
Enid Creek	IL17-25-15	233.1	309.4	Mafic Pillow Volcanics		med green; various grain size from med grained in pillows to fine/very fine grained selvages; hard to very hard glossy; strong patchy silicification; weak patchy magnetic; patchy amygdals generally tiny 1-3mm filled with qtz/carb/chlorite; general fabric varies 30-50 deg tca; darker green moderately chloritic selvages/patches; few <1% carb/qtz veinlets with area of increased veining; tr-4% sulphides
Enid Creek	IL17-25-15	250	267	Increased Veining		several qtz/carb some with red staining; 0.5-5cm in width
Enid Creek	IL17-25-15	260.4	262.4	Strongly Broken		broken; mineralized
Enid Creek	IL17-25-15	272	274.95	Increased Veining		qtz/carb/orange-red syenite?; 2mm-15cm wide; various angles tca but generally between 40-50 deg; largest is 15cm at 274.8-274.95m
Enid Creek	IL17-25-15	275.6	309.4	Silicified		very hard and glossy; metallic sounding; weak patchy bleaching

Enid Creek	IL17-25-15			289.7	301.5	Increased Veining	qtz/carb/minor chlorite; hairline-15cm wide; largest is 15cm at 289.7-289.85m; many of the veins exhibit an extensional appearance with long crystals forming from edges into center of veins
Enid Creek	IL17-25-15			307.6	309.4	Massive Mafic	either fine to med grained massive mafic or more likely a very large pillow; strongly fractured with what appears to be a fluid pressure and infilling (hairline barely noticable at various angles tca)
Enid Creek	IL17-25-15	309.4	310.2			Quartz/Carbonate Vein	white to greyish white qtz/carb vein; upper contact at 55 deg tca appears to be a layering of approx. 3-4 1cm veins that have definite contacts to each other and the main vein; lower contact at 40 deg tca with a 4 cm irregular qtz/carb/syenite/chlorite vein in direct contact of the main vein and a 3 cm 40 deg tca qtz/carb/syenite/chlorite vein 7cm from previous; main vein is qtz/carb with minor chlorite fragments; tr sulphides
Enid Creek	IL17-25-15	310.2	347.3			Mafic Pillow Volcanics	med grey; various grain size from med grained in pillows to fine/very fine grained selvages; hard to very hard glossy; strong patchy silicification; weak patchy magnetic; patchy amygdals generally tiny 1-3mm filled with qtz/carb/chlorite; general fabric varies 30-50 deg tca; darker grey moderately chloritic selvages/patches; weak/moderate patchy bleaching; mod ff calcite; few <1% qtz/carb veinlets with area of increased veining; tr-5% sulphides
Enid Creek	IL17-25-15			336.3	337.9	Broken	moderately broken along fractures mainly sub-parallel tca
Enid Creek	IL17-25-15			336.3	341.4	Increased Veining	increased qtz/orange-red syenite minor carb veining; hairline to 20cm wide; angles vary tca ranging 25-45 deg; few host tourmaline; largest at 340.5-340.7m with 60 deg tca upper and lower contacts; upper contact in nearly entirely syenite 1-2cm wide; lower contact has 0.5cm of feldspar lathes with few of orange-red coloring
Enid Creek	IL17-25-15			347.2	347.3	Syenite Veins	two orange-red syenite veins; 0.5cm wide upper at 347.2m at 30deg tca with 0.5cm wide lower in opposite direction at 60 deg tca in direct contact with the main vein next unit
Enid Creek	IL17-25-15	347.3	348			Quartz/Syenite Vein	massive white qtz vein bounded by orange-red syenite at both upper and lower contacts; upper contact syenite is slightly broken up at direct contact with white qtz and is 0.5-2cm wide; lower contact has sheeted syenite veins 0.5-2cm in width; these lower syenite veins are weakly brecciated and continue into wall rock for approx 10cm; massive white qtz does have occasional fracture filled with orange-red syenite/chlorite/wallrock; <1% sulphides only at contacts
Enid Creek	IL17-25-15	348	353.8			Mafic Pillow Flow	med grey; various grain size from med grained in pillows to fine/very fine grained selvages; areas of brecciation various sizes sub-round to sub-angular; very hard glossy; strong silicification; weak patchy magnetic; patchy amygdals generally tiny 1-3mm filled with qtz/carb/chlorite; darker grey moderately chloritic selvages/patches; weak to strong patchy bleaching; mod ff calcite; few <1% qtz veinlets; 1-3% sulphides
Enid Creek	IL17-25-15	353.8	362.4			Massive Mafic/Mafic Pillow Volcanics	med greenish-grey; sharp upper contact at 35deg tca; sharp lower contact at 60deg tca; fine/very fine grained; intermixing of massive with amygdaloidal pillow fragments; hard to very hard glossy; strong patchy silicification; weak patchy magnetic; strongly chloritic interstitially between massive and pillow fragments; many subtle bleached hairline fractures/veinlets at low angle tca generally 20deg; <1% carb/qtz/orange-red syenite veinlets; tr-2% sulphides
Enid Creek	IL17-25-15	362.4	402			Mafic Pillow Volcanics	upper 2m med greenish-grey grading into medium to dark green; various grain size from med grained in pillows to fine/very fine grained selvages; hard with patches of very hard and glossy; strong patchy silicification; weak patchy magnetic; patchy amygdals generally tiny 1-3mm filled with qtz/carb/chlorite/possibly feldspar; pervasively strongly chloritic; weak patchy bleaching; few <1% qtz/carb/syenite veinlets; tr-6% sulphides
Enid Creek	IL17-25-15	402	402			EOH	EOH