WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-049** Project: **TRILL_SCJV** Project Number: **504**

Drilling

Azimuth:	180
Dip:	-45
Length:	156.3
Started:	17-Nov-13
Completed:	20-Nov-13
Logged:	19-Nov-13

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	TRILL
Claim No.:	1229977
NTS:	
Hole:	SURFACE

Other

Logged by:	Mohadeseh Majnoon
Relog by:	
Contractor:	Jacob & Samuel Drilling Ltd.
Spotted by:	Tom Johnson
Surveyed:	
Surveyed by:	
Geophysics:	UTEM
Geophysic Contractor:	Lamontagne
Left in hole:	Nothing
Making water:	no
Multi shot survey:	no

Comment: Surveyed w submeter GeoXH (File"WM_121712A.cor", WGS84 5146980.9N, 458394.9E, 279.5 HAE). While cutting the cores, significant amount of graphite was observed in the cutting water. It was asked from driller if they are using a graphite material, and they noted that they are not using any. Therefore, it is believed that the core consists of notable amount of fine grained graphite which is not abservable while logging.

Coordinate - Gemcom

East:	458380.8
North:	5146758.2
Elev.:	315.5

Coordinate - UTM

East:	0
North:	0
Elev.:	0
Zone: 17	**NAD:** 27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-45.00	C	☑	
30.00	179.40	-44.00	F	☑	Mag: 5564; Roll: 229.6
81.00	179.90	-44.30	F	☑	Mag: 5536; Roll: 281.8
130.00	174.50	-43.60	F	☑	Mag: 5650; Temp: 6.8; Roll: 244.2

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-049** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	13.70	**CAS** *Casing* *Sudbury Breccia :* dominantly gneissic boulders									
13.70	23.00	**IQD** *inclusion quartz diorite* *Sudbury Breccia :* Fine-grained blackish color; about 30% inclusion; although the IQD is fine-grained, the clasts look "sick" and "unhealthy" and heated, rounded and altered. Local ductile texture is observed where the clasts appear melted. This unit is blocky. The broken anglevaries between 40-65 degree to the core axis. Lots of clasts are greenish color (Ep/Chl) and have a white rim (Qz?) around them. In general there is less than 1% Po and traces of Cpy and Py in the whole unit. Mineralization is mostly associated with the clasts, either dissiminated in the clasts or blebby to dissiminated around the rim of the clasts. Local higher concentration of sulfides (detailes in: Major Mineralization). Cp assoc w/ qtz-fspr vein at 39m.	N986172	14.55	16.05	1.50	0.00	0.00	0.00	0.01	0.01
			N986173	16.05	17.00	0.95	0.00	0.00	0.00	0.01	0.01
			N986174	17.00	18.50	1.50	0.00	0.00	0.00	0.01	0.01
			N986175	18.50	20.00	1.50	0.00	0.00	0.01	0.01	0.01
			N986176	20.00	21.50	1.50	0.00	0.00	0.00	0.01	0.01
			N986177	21.50	22.65	1.15	0.00	0.00	0.00	0.01	0.01

Alteration Maj:	Type/Style/Intensity	Comment
16.89 - 17.64	EP VN W	Ep/Chl veinlets
20.43 - 21.00	EP VN W	Ep/Chl veinlets

Mineralization Maj. :	Type/Style/%Mineral	Comment
13.70 - 20.00	PO DIS 0.01	Mostly dissiminated, some of them are blebby though. Traces of Py and Cpy is observed too. Mineralization mostly associated with the clasts wither around the rim or scattered in the clasts.
20.00 - 22.00	PO BL 0.1	Blebby or dissiminated and usually associated with clasts (either around the rim or in the clast)
20.00 - 22.00	PY DIS 1	Mostly dissiminated in the matrix
20.00 - 22.00	CP BL 0.01	Blebby or disseminated in association with Po mostly
22.00 - 23.00	PO DIS 0.01	Mostly dissiminated, some of them are blebby though. Traces of Py and Cpy is observed too. Mineralization mostly associated with the clasts wither around the rim or scattered in the clasts.

Hole Number **WTR-049** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		13.70 - 23.00 BLKY 50 40-65tca									
		Minor Interval:									
		13.70 14.56 IGN *Intermediate Gneiss*									
23.00	43.78	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***	N986178	22.65	23.50	0.85	0.03	0.16	0.21	0.07	0.11
		A big block in the IQD (?); several carbonate veins cutting IGN; 1% dissiminated Py. 35.14-35.52 broken core/structure (Fe-stained; water seam?)	N986179	38.90	39.00	0.10	0.00	0.00	0.00	0.00	0.12
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		23.00 - 23.13 CP VN 10 as vein in the boundry of IQD and IGN									
		27.09 - 27.30 PY DIS 5									
		38.93 - 39.00 CP BL 20 Associated with Qz/fspr/carbonate vein at 35 tca									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		35.14 - 35.52 BC water seam? Fe-stained.									
		38.93 - 39.00 VN 35 qtz/fspr/carb vn + cp (2mm wide vn)									
43.78	93.03	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***	N986180	46.94	47.60	0.66	0.00	0.00	0.01	0.01	0.01
		There are fewer inclusions and sulfides associated with this interval of IQD. There are ~10-15% inclusions (average <2cm). Some clasts appear to have 'melted' rims or haloes. SPO (shape preferred orientation)/foliation noted near lower contact. Core is blocky and joint angles varies between 40 to 65 tca. Bleaching around Carb/qtz veins (sampled to check fro Au).	N986181	50.56	52.06	1.50	0.00	0.00	0.00	0.01	0.01
			N986182	52.06	52.31	0.25	0.00	0.00	0.00	0.01	0.04
			N986183	52.31	53.50	1.19	0.00	0.00	0.00	0.01	0.01
			N986184	61.33	61.52	0.19	0.00	0.00	0.00	0.00	0.09
			N986185	67.55	68.40	0.85	0.00	0.00	0.00	0.01	0.01
			N986186	82.80	82.95	0.15	0.01	0.00	0.01	0.01	0.01
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									

Hole Number **WTR-049** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		43.78 - 47.00	Carb VN W										
		47.00 - 47.64	BL F S	around vein									
		47.00 - 47.64	Carb VN S	Thick carbonate veins totally bleached the rock; were sampled for gold									
		47.64 - 67.63	Carb VN W										
		67.63 - 68.40	EP P I										
		67.63 - 68.40	BL P I										
		67.63 - 68.40	Carb VN S										
		68.40 - 93.03	Carb F W										
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***									
		43.78 - 52.12	PO TR 0.2	diss-blebb +/- po									
		43.78 - 52.12	PY BL 1	generally blebs assoc w/ carb fract infill									
		52.12 - 52.28	POCP BL 5	clast associated									
		52.28 - 93.03	CP TR 0.01	at 61.45m									
		52.28 - 93.03	PY TR 0.1										
		52.28 - 93.03	PO TR 0.1										
		Structure Maj.:	***Type/Core Angle***	***Comment***									
		43.78 - 46.95	JNTS 50	40-65tca									
		46.95 - 47.64	VN 15	carb-qtz									
		47.64 - 93.03	LC 40										
		47.64 - 93.03	JNTS 50	40-65tca									
93.03	97.85	**MTBX**	***metamorphosed breccia***	***Sudbury Breccia :*** **2DA1**									
		Light grey, igneous textured (plag laths - QD-like) matrix with slight pink hue. Clasts have irregular margins and are being resorbed into the matrix. ~25% clasts that are generally <5cm. Feldspars in clasts show various stages of alteration and range from light grey to dark orange.											

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Trace diss py.

Mineralization Maj. :	Type/Style/%Mineral	Comment
93.03 - 97.85	PY DIS 0.1	

Structure Maj.:	Type/Core Angle	Comment
93.03 - 97.85	LC 20	
93.03 - 97.85	UC 40	

97.85 – 98.65 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2DA3**

15% clasts (<1cm), with irregular but sharp margins. Grey, fine-grained matrix. ~1% diss py. Upper contact defined by % and size of clasts. Irregular lower contact with trace pyrite.

Mineralization Maj. :	Type/Style/%Mineral	Comment
97.85 - 98.65	PY DIS 1	

Structure Maj.:	Type/Core Angle	Comment
97.85 - 98.65	UC 20	

98.65 – 118.78 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** **1D5**

109.55-110.20 Qtz vn + carb + fspr with bleaching on either side of vn.
5% SDBX (dark grey to black fine-grained to aphanitic matrix) near lower limit.

Structure Maj.:	Type/Core Angle	Comment
109.55 - 110.20	VN 20	qtz vn + carb + fspr (resorbed?)

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
118.78	146.35	**DIA** ***Diabase*** ***Sudbury Breccia :*** **1DA5**									

Upper contact is SDBX (black, aphanitic matrix, magnetic) to 119.50m. Clasts have SPO/foliation.
DIA is medium-grained, moderately magnetic with fracture controlled saussurite alteraion .Lower half of unit is cut by mm-wide ep-carb veinlets at 15-30 tca with rare cp.
Lower contact is chilled, has <1% fracture controlled PY and is at 55 tca.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
118.78 - 132.00	SA F W	
132.00 - 146.35	Carb VN WM	
132.00 - 146.35	EP VN WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
138.50 - 139.00	CP TR 0.01	assoc w/ ep-carb veinlets
146.00 - 146.35	PY F 0.5	

Structure Maj.:	*Type/Core Angle*	*Comment*
132.00 - 146.35	LC 55	chilled.
132.00 - 146.35	VN 20	15-30 tca

146.35	156.29	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***									

foliated, patchy epidote alteration; saussuratization; carb-chl fracture infill

Alteration Maj:	*Type/Style/Intensity*	*Comment*
146.35 - 156.29	SA P WM	
146.35 - 156.29	EP PCH W	
146.35 - 156.29	Carb FF W	
146.35 - 156.29	CHL FF W	

Structure Maj.:	*Type/Core Angle*	*Comment*
146.35 - 156.29	CN 45	40-50;

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LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-049** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
156.29	156.30	**EOH**	***End of Hole***	***Sudbury Breccia :***								

WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

Drilling

Azimuth:	180
Dip:	-60
Length:	398.09
Started:	20-Nov-13
Completed:	30-Nov-13
Logged:	21-Nov-13

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	TRILL
Claim No.:	1229977
NTS:	41I/05
Hole:	SURFACE

Other

Logged by:	Mohadeseh Majnoon
Relog by:	
Contractor:	Jacob & Samuel Drilling Ltd.
Spotted by:	Tom Johnson
Surveyed:	
Surveyed by:	
Geophysics:	UTEM
Geophysic Contractor:	Lamontagne
Left in hole:	
Making water:	
Multi shot survey:	yes

Comment: Surveyed w submeter GeoXH (File"WM_121712A.cor", WGS84 5147023.2N, 458364.9E, 286.3 HAE). Drillers made a mistake in 1- writing down the depth on blocks from 366 m, instead of 366 m they wrote the block as 369. This 3 m mistakes continues until the end of the hole, which was corrected by blue pencil on the blocks. 2- They mistakenly marked the last four boxes with one number difference, instead of box number 90, they wrote down box number 91. This mistake also was corrected by blue pencil on the boxes.

Coordinate - Gemcom

East:	458350.7
North:	5146800.5
Elev.:	325

Coordinate - UTM

East:	458354
North:	5146800
Elev.:	325
Zone:	17
NAD:	27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.38	-60.36		☑	
10.00	180.19	-60.22		☑	
20.00	180.34	-60.28		☑	
21.00	184.50	-60.40	F	☑	Mag: 5660; Temp: 9.7; Roll: 55.9
30.00	180.35	-60.15		☑	
40.00	180.32	-59.88		☑	
50.00	180.60	-60.10		☑	
60.00	180.83	-59.35		☑	
70.00	181.08	-59.75		☑	
71.00	180.60	-59.90	F	☑	Mag: 5555; Roll: 304.2
80.00	181.08	-59.55		☑	
90.00	181.22	-59.67		☑	
100.00	181.24	-59.44		☑	

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
110.00	181.23	-59.27		☑	
120.00	181.35	-59.54		☑	
123.00	182.20	-59.70	F	☑	Mag: 5545; Temp: 12.2
130.00	181.44	-59.49		☑	
140.00	181.56	-59.12		☑	
150.00	181.54	-59.30		☑	
160.00	181.62	-59.22		☑	
170.00	181.75	-59.40		☑	
173.00	183.00	-59.20	F	☑	Mag: 5564; Roll: 308.9
180.00	181.73	-58.73		☑	
190.00	181.93	-58.95		☑	
200.00	182.01	-58.68		☑	
210.00	182.15	-58.69		☑	

WALLBRIDGE MINING COMPANY LIMITED

HEADER REPORT

Hole Number | Project: **TRILL_SCJV** | Project Number: **504**

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
220.00	182.18	-58.84		☑	
222.00	179.70	-58.80	F	☑	Mag: 5454
230.00	182.09	-58.54		☑	
240.00	182.28	-58.50		☑	
250.00	182.36	-58.80		☑	
260.00	182.42	-58.71		☑	
270.00	182.50	-58.78		☑	
273.00	181.30	-58.70	F	☑	Mag: 5555; Roll: 264.1
280.00	182.68	-58.53		☑	
290.00	182.83	-58.49		☑	
300.00	182.76	-58.45		☑	
310.00	182.82	-59.15		☑	
320.00	182.97	-58.55		☑	
324.00	182.80	-58.04	F	☑	Mag: 5525; Roll: 128.1; Temp: 11.2
330.00	183.01	-58.10		☑	
340.00	183.09	-58.46		☑	
350.00	183.11	-58.28		☑	
360.00	183.16	-58.17		☑	
370.00	183.17	-58.23		☑	
375.00	182.70	-58.30	F	☑	Mag: 5485
380.00	183.24	-58.16		☑	
390.00	183.30	-58.08		☑	
391.00	183.31	-58.07		☑	

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	6.50	**CAS** ***Casing*** ***Sudbury Breccia :***									
6.50	15.12	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** **2DA4**									

With less than 1% dissiminated Py; mostly magnetic; Ep and carbonate veinlets cutting through the whole unit with weak to moderate alteration

Alteration Maj:	*Type/Style/Intensity*	*Comment*
10.00 - 15.30	Carb VN WM	
10.00 - 15.30	EP VN WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
6.93 - 7.28	PY DIS 2	
11.51 - 11.92	PY DIS 2	Following the direction of carbonate veinlets at 40 degree to the core axis

Structure Maj.:	*Type/Core Angle*	*Comment*
6.50 - 9.00	BLKY 45	It is blocky and broken, dominantly 45 degree to core angle

15.12	16.75	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2DA4**									

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
16.75	20.16	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** A block in the SDBX									
20.16	27.29	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2DA4**	N986189	23.09	23.28	0.19	0.00	0.00	0.00	0.01	0.07
			N986190	23.42	24.37	0.95	0.00	0.00	0.00	0.01	0.01
27.29	30.11	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** **2DA5**									

Alteration Maj: / ***Type/Style/Intensity*** / ***Comment***

24.48 - 25.46	Carb VN S	Totally bleached the SDBX
25.46 - 27.00	Carb VN WM	

Mineralization Maj. : / ***Type/Style/%Mineral*** / ***Comment***

23.11 - 23.24	CP DIS 1	
23.11 - 23.24	PY VN 10	2 mm veinlet in Ep/Chl/Calcite vein cutting SDBX
23.41 - 24.25	PY DIS 1	With trace CPY; Following the direction of carbonate veinlets at 35 degree to the core axis

Minor Interval:

25.65	26.31	DIA	*Diabase*

Alteration Maj: / ***Type/Style/Intensity*** / ***Comment***

27.69 - 28.00	Carb VN S	Bleached the rock

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology				Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
30.11	30.52	**SDBX**	***Sudbury Breccia***	***Sudbury Breccia :***	**2DA4**									
30.52	31.67	**FGN**	***Felsic Gneiss***	***Sudbury Breccia :***		N986191	30.89	31.20	0.31	0.00	0.00	0.00	0.00	0.02
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***										
		30.89 - 31.20	PY DIS 2	With trace galena (?) along Chl/Ep/carbonate vein										
31.67	32.39	**SDBX**	***Sudbury Breccia***	***Sudbury Breccia :***	**2DA4**									
32.39	37.59	**FGN**	***Felsic Gneiss***	***Sudbury Breccia :***	**2D4**									
		5% SDBX; Less than 1% dissiminated Py												

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
37.59	38.21	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1D5**									
38.21	41.18	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		38.33 - 38.56 PY DIS 1									
41.18	43.08	**SHR** ***Shear*** ***Sudbury Breccia :*** **2D4**	N986192	41.14	42.00	0.86	0.00	0.01	0.01	0.00	0.01
		magnetite / carbonate veins cutting through the rock and bleached it. The major carbonate veins cutting the rocks by 30 degree to core axis. It is all SDBX which sheared and messed up.	N986193	42.00	43.11	1.11	0.00	0.01	0.01	0.01	0.01
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		41.18 - 43.08 MAG VN S cutting SDBX with 30 degree angle to core axis									
		41.18 - 43.08 Carb VN S cutting SDBX with 30 degree angle to core axis									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		41.18 - 43.08 PY VN 4 few Py veinlets up to 2 cm thickness cutting through the SDBX									
		Minor Interval:									
		41.18 43.08 SDBX *Sudbury Breccia* **2D4**									

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
43.08	44.89	**DIA** ***Diabase*** ***Sudbury Breccia :***									
		Few carbonate veinlets cutting through the rock with weak to moderate alteration.									
44.89	45.46	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2D4**									
45.46	51.60	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***	N986194	48.66	48.87	0.21	0.00	0.00	0.00	0.00	0.00
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		48.76 - 48.83 PY VN 5 1 mm veinlet in Ep/Chl vein									
		49.01 - 49.07 PY VN 3 1 mm veinlet in Ep/Chl vein									
		51.39 - 51.50 PY VN 3 1 mm veinlet in Ep/Chl vein									
51.60	54.00	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1AD5**	N986195	51.86	52.20	0.34	0.00	0.01	0.01	0.00	0.02
		magnetite / carbonate veins cutting through the rock and bleached it. The major carbonate veins cutting the rocks by 30 degree to core axis. It is all SDBX which sheared and messed up.									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		51.86 - 52.20 PY VN 5 2 mm vein along a carbonate veinlet									

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
54.00	56.31	**DIA** ***Diabase*** ***Sudbury Breccia :*** **1AD5** 2% SDBX with several carbonate veinlets cutting through it.									
56.31	140.28	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** **2D4** 1% dissiminated Py; Ep alteration in three different way: patchy / along the fractures / as veinlets cutting the rock; 1% SDBX; Trace Cpy / graphite (?) / hematite (?)	N986196	65.92	66.17	0.25	0.00	0.00	0.00	0.00	0.00
			N986197	72.34	73.47	1.13	0.00	0.00	0.00	0.00	0.00
			N986198	77.35	77.71	0.36	0.00	0.00	0.00	0.00	0.01
			N986199	132.25	133.42	1.17	0.00	0.00	0.00	0.00	0.00
			N986200	134.41	135.94	1.53	0.00	0.00	0.00	0.00	0.00
			N985651	137.06	138.39	1.33	0.00	0.00	0.00	0.00	0.01

Alteration Maj:	***Type/Style/Intensity***	***Comment***
58.61 - 61.53	EP VN W	coarse grain Ep
73.88 - 74.29	Carb VN S	Associated with Py/hematite mineralization along the fractures and iron staining
87.58 - 90.20	Qtz VN S	Up to 2 cm veins; bleached the rock
87.58 - 90.20	Carb VN S	Up to 2 cm veins; bleached the rock

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
65.94 - 66.18	PY VN 5	1 cm veinlet in Ep/Chl vein; 25 to core axis
70.31 - 70.77	PY VN 5	as both vein and dissiminated; 25 to core axis
72.34 - 73.47	PY VN 5	Up to 2 cm vein; 10 to core axis
73.88 - 74.29	PY VN 1	Py and Hematite in fractures associated with a strong carbonate alteration; 10 to core axis
76.08 - 76.20	PY DIS 1	Associated with graphite (?) along the fracture
76.08 - 76.20	CP DIS 1	Associated with graphite (?) along the fracture
77.43 - 77.48	PY VN 2	Along Ep/Chl vein; 65 to core axis

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		78.78 - 78.83 PY VN 5 Along carbonate vein; 30 to core axis									
		79.07 - 79.40 PY VN 2 Along Ep/Chl/Carbonate veins; 30 to core axis									
		79.76 - 80.12 PY VN 2 in Ep/Chl vein; 30 to core axis									
		89.17 - 90.21 PY VN 5 Along Ep/carbonate vein; 30 to core axis									
		91.68 - 91.89 CP VN 0.1 Associated with coarse grained Ep alteration; 30 to core axis									
		91.68 - 91.89 PY VN 1 Associated with Ep alteration; 30 to core axis									
		95.32 - 96.11 PY VN 2 Along fine-coarse grained Ep vein; 35 to core axis									
		96.67 - 96.84 PY VN 2 Along Ep/Qz/Carbonate vein; 30 to core axis									
		102.72 - 103.38 PY VN 5 Along Ep/Chl/Carbonate vein; 14 to core axis									
		109.43 - 109.76 PY DIS 1 in the fractures associated with Ep alteration									
		112.96 - 113.04 PY DIS 1 in the fractures associated with Ep alteration									
		131.81 - 132.24 MAG VN 4 30 to core axis									
		132.24 - 133.44 PY VN 2 Along Ep/Chl/Mag veins; 30 to core axis									
		132.24 - 133.44 MAG VN 4 Mostly associated with Ep/Chl veins; 30 to core axis									
		134.44 - 135.00 PY VN 1 Along Ep/Chl/Mag veins; 30 to core axis									
		134.44 - 135.00 MAG VN 2 Mostly associated with Ep/Chl veins; 30 to core axis									
		135.00 - 137.15 MAG VN 2 Mostly associated with Ep/Chl veins; 30 to core axis									
		137.15 - 138.04 MAG VN 2 in an extensively altered part of FGN, associated with Ep/Chl/Mag veins									
		137.15 - 138.04 PY BL 15 in an extensively altered part of FGN, associated with Ep/Chl/Mag veins									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		137.16 - 137.37 SHR 30 Associated with Ep/Chl/Mag/Carb veins; right after it there is a unit that looks like strongly altered FGN containing blebbs of Py.									
		Minor Interval:									
		58.43 58.87 SDBX *Sudbury Breccia* **2D4**									

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
140.28	144.11	**AMPH** ***Amphibolite*** ***Sudbury Breccia :***	N985652	142.00	142.46	0.46	0.00	0.01	0.00	0.09	0.01
		It's a dark greenish color rock, not magnetic to weakly magnetic, cutting the FGN, it looks like an amphibolitic diabse cutting the FGN. Brecciation in the begiining of it is the granite breccia causing by force of diabase while cutting the FGN.									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		142.13 - 142.35 CP VN 1 < 1 mm vein cutting AMPH, also as dissiminated in the fractures; 25 to core axis									
144.11	151.67	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***	N985653	150.00	151.11	1.11	0.00	0.00	0.00	0.00	0.00
		Lots of Ep/Chl veinlets cutting this unit									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		144.11 - 147.00 PY DIS 2 Associated with Ep alteration; also trace Cpy									
		147.00 - 147.20 PY VN 1 30 to core axis vein; along Ep vein									
		148.63 - 150.12 PY VN 2 Several tiny veins of Py with dominantly 30 to core axis along Ep/Chl veins									
		150.75 - 151.67 MAG VN 5 Up to 3 cm veins dominantly 30 ro core axis									
151.67	154.02	**DIA** ***Diabase*** ***Sudbury Breccia :***	N985654	151.11	152.54	1.43	0.00	0.00	0.00	0.01	0.01
		Highly magnetic up to 194 T	N985655	152.54	154.04	1.50	0.00	0.00	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		152.00 - 153.12 MAG VN 8 Along Ep veins; 50 degree to core axis									
		152.00 - 153.12 PY VN 5 Along Ep veins; 8 degree to core axis									
		153.12 - 154.00 PY VN 1 Along Ep/Chl/Mag veins; varies between 40-50 degree to core axis									

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
154.02	156.28	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***	N985656	154.04	155.49	1.45	0.00	0.00	0.00	0.00	0.00
			N985657	155.49	156.33	0.84	0.00	0.00	0.00	0.02	0.01

Magnetic up to 254 T with several Ep/Chl/Mag veins cutting it

Alteration Maj:	*Type/Style/Intensity*	*Comment*
155.61 - 156.28	CHL VN S	35 degree to core axis; pervassive alteration
155.61 - 156.28	EP VN S	35 degree to core axis; pervassive alteration
155.61 - 156.28	MAG VN S	35 degree to core axis; pervassive alteration
155.61 - 156.28	Carb VN S	35 degree to core axis; pervassive alteration

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
154.02 - 155.61	PY DIS 1	
154.02 - 155.61	MAG DIS 5	
155.74 - 156.28	PY BL 10	with trace Cpy; Associated with Ep/Chl/Mag alteration

156.28	156.52	**FLT** ***Fault*** ***Sudbury Breccia :***									

With slicken sides; 35 degree to core axis; Associated with Ep/Carb/Mag/Chl veins

Alteration Maj:	*Type/Style/Intensity*	*Comment*
156.28 - 156.52	CHL VN S	35 to core axis; pervassive alteration
156.28 - 156.52	EP VN S	35 to core axis; pervassive alteration
156.28 - 156.52	Carb VN S	35 to core axis; pervassive alteration
156.28 - 156.52	MAG VN S	35 to core axis; pervassive alteration

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
156.28 - 156.52	PY BL 5	Associated with Ep/Chl/Mag/Carb veins

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

156.52 171.40 **DIA** ***Diabase*** ***Sudbury Breccia :***

Nipissing diabase (?); Magnetic (163 m: 33.2 T; 166 m: 21.4 T; 173 m: 42.7 T; 176 m: 49.4 T; 182 m: 32.6 T); Lots of Ep veins cutting the rock; Trace Cp y in some Ep veins

Alteration Maj:	*Type/Style/Intensity*	*Comment*
156.52 - 171.40	EP VN WM	lots of Ep veins cutting this unit; dominantly 45 degree to core axis

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
156.52 - 159.00	MAG VN 4	30 to core axis; along Ep/Chl veins
156.52 - 159.00	PY VN 1	30 to core axis; along Ep/Chl/Mag veins
159.00 - 159.30	MAG VN 4	30 to core axis; along Ep/Chl veins
159.30 - 159.48	MAG VN 4	Along Ep/Carb vein; 30 degree to core axis
159.30 - 159.48	CP VN 1	Along Ep/Carb vein; 45 degree to core axis
161.24 - 163.48	CP DIS 0.1	Along Ep veins with 30 degree to cre axis

171.40 172.16 **QD** ***Quartz Diorite*** ***Sudbury Breccia :***

172.16 183.90 **DIA** ***Diabase*** ***Sudbury Breccia :***

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Coarse grain including Amph and feldspar; Lots of Ep veins cutting diabase with weak to moderate alteration and they vary between 40-50 degree to core axis; from 179.41 it changes to blocky, fine-grained blackish color mafic diabase.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		172.16 - 183.90 EP VN WM dominantly 40-50 degree to core axis									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		179.41 - 183.90 BLKY 45 dominantly 45-50 degree to core axis									
183.90	190.09	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***	N985658	184.58	186.04	1.46	0.00	0.00	0.00	0.01	0.01
		With 20% clasts, matrix and clasts are dominantly intermediate; blocky and brocken	N985659	189.00	190.00	1.00	0.00	0.00	0.00	0.01	0.01
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		183.90 - 190.09 EP VN W Angle varies from 14 to 30 degree to core axis.									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		184.73 - 189.00 PY DIS 1 Along Ep vains as well as in the matrix and also few of them are blebbs.									
		189.00 - 190.09 PY VN 1 30 degree veins along Ep veins and also some of them are in the form of blebbs or dissiminated.									
190.09	192.91	**MTBX** ***metamorphosed breccia*** ***Sudbury Breccia :***									
		Felsic to intermediate matrix, highly clast-rich; non to trace mineralization; not to weakly magnetic									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		190.09 - 192.91 BLKY 0 Blocky parallel to the core axis									

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
192.91	197.93	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***	N985660	196.55	197.99	1.44	0.00	0.00	0.01	0.01	0.01

It has much less inclusion than the previous IQD, it is darker (dark gray color), it is an IPQD, it is blocky with the angle varies from 30 to 50 degree to core axis

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
192.91 - 194.54	PY VN 1	in Ep veins as well as dissiminated in clasts and matrix. Veins are 30 degree to core axis.
194.54 - 194.58	PY VN 10	Associated with Carb vein; 25 degree to core axis
194.58 - 196.76	PY VN 1	in Ep veins as well as dissiminated in clasts and matrix. Veins are 30 degree to core axis.
196.76 - 197.88	PY DIS 0.1	Also blebby in few places
197.88 - 197.93	CP BL 1	Sometimes associated with Ep alteration
197.88 - 197.93	PO BL 1	Sometimes associated with Ep alteration
197.88 - 197.93	PY BL 10	Sometimes associated with Ep alteration

Structure Maj.:	***Type/Core Angle***	***Comment***
194.40 - 194.67	SHR 25	Associated with carbonate vein and Py mineralization

197.93	200.62	**DIA** ***Diabase*** ***Sudbury Breccia :***	N985661	197.99	198.63	0.64	0.04	0.12	0.27	0.12	0.11
			N985662	198.63	200.09	1.46	0.00	0.02	0.03	0.01	0.03

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
197.93 - 198.87	CP BL 1	Sometimes associated with Ep alteration
197.93 - 198.87	PO BL 1	Sometimes associated with Ep alteration
197.93 - 198.87	PY BL 10	Sometimes associated with Ep alteration

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
200.62	243.68	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***									
		With few diabase cutting it; Less than 1% Py overall. Py is observed dominantly along Ep veins.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		231.17 - 231.67 CHL VN S Bleached the rock; 35 degree to the core axis									
		231.17 - 231.67 Carb VN S Bleached the rock; 35 degree to the core axis									
		231.17 - 231.67 EP VN S Bleached the rock; 35 degree to the core axis									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		202.32 - 202.50 PY VN 2 With trace Cpy and Po; Along a 16 degree Ep vein									
		202.94 - 203.16 PY VN 5 Along Ep/Chl/Carb vein; 10 degree to core axis.									
		214.18 - 214.32 PY VN 10 Along Ep/Chl/Carb vein; 30 degree to core axis.									
		Minor Interval:									
		202.31 202.94 DIA *Diabase*									
243.68	246.53	**MTBX** ***metamorphosed breccia*** ***Sudbury Breccia :***	N985665	245.47	246.92	1.45	0.00	0.00	0.00	0.01	0.01
		Intermediate to mafic matrix and dominnatly felsic clasts; overall 1% dissiminated Py; highly clast rich									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		245.56 - 245.64 PY DIS 2									
246.53	269.41	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***	N985666	258.33	258.51	0.18	0.00	0.00	0.00	0.01	0.01
		IPQD; dark gray; fine grained with 5% inclusion; not highly mineralized; not magnetic.	N985667	267.07	267.51	0.44	0.00	0.00	0.00	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		246.53 - 246.73 PY VN 2 Trace Cpy; Along Ep/Carb vein; 10 degree to the core axis									

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

249.34 - 249.37	PO	BL 5	One individual Po
250.00 - 250.54	PY	DIS 1	In the clasts or around them
258.33 - 259.56	PO	VN 1	Associated with Ep/Carb/Chl/Qz veins with 20 degree to core axis.
258.33 - 259.56	PY	VN 5	Associated with Ep/Carb/Chl/Qz veins with 20 degree to core axis.
261.23 - 263.13	PY	VN 1	Several veins with dominantly 30 degree to core axis along Ep/Carb veins
264.23 - 264.50	PY	VN 2	Associated with Ep/Carb/Chl veins with 18 degree to core axis.
267.00 - 267.52	PO	VN 1	Parallel vein along with Ep/Carb vein
267.00 - 267.52	CP	VN 1	Parallel vein along with Ep/Carb vein
267.00 - 267.52	PY	VN 10	Parallel vein along with Ep/Carb vein

Structure Maj.:	***Type/Core Angle***	***Comment***
246.53 - 249.83	BLKY 60	Blocky and brocken; 2 dominant angle: 25 and 60 to core axis
254.89 - 269.50	BLKY 25	Blocky and brocken with two different angles: 25 and 60 degree to core axis

269.41 279.15 **DIOR** ***Diorite*** ***Sudbury Breccia :***

With lots of partial melt veins; less than 1% dissiminated Py; Highly magnetic (270: 35.4 T; 273: 43.9; 276: 38.4; 279: 32.00); Less than 1% QD

Alteration Maj:	***Type/Style/Intensity***	***Comment***
269.41 - 279.15	Carb VN WM	Dominantly parallel to 10 degree to core axis, few of them are 30 degree to core axis.

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
276.79 - 277.22	PY DIS 0.1	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
279.15	296.00	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***	N985668	281.85	282.12	0.27	0.00	0.00	0.00	0.01	0.02
		IRQD which gradually changes to IPQD at 293 m; intermediate matrix that changes to mafic matrix at 293 m; fdominnatly felsic inclusion; 60% inclusion that changes gradually to 5%	N985669	293.10	293.64	0.54	0.00	0.03	0.04	0.02	0.02
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		282.00 - 282.13 CP VN 2 Along Ep/Chl/Carb veins with 30 degree to core axis									
		285.43 - 285.55 CP VN 0.1 Along Ep/Chl/Carb veins with 30 degree to core axis									
		293.06 - 293.46 PY DIS 5 Dissiminated to blebby Py associated with Ep/Chl alteration									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		287.35 - 294.00 BLKY 50 Blocky and brocken with two different angles: 8 and 50 degree to core axis									
		Minor Interval:									
		282.22 282.63 DIOR *Diorite*									
296.00	352.29	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***									
		Less than 1% dissiminated Py									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		335.50 - 336.63 MAG BL 15 Along Ep/Chl vein with 30 degree to core axis									
		342.00 - 347.13 MAG BL 10 in both blebby and dissiminated forms									
352.29	354.15	**FLT** ***Fault*** ***Sudbury Breccia :***									
		Faulted Olivine diabase going 10 degrees to core axis; slicken slides and fault gauge									
		Minor Interval:									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		352.29 354.15 DIA *Diabase* Not magnetic; almost black color; fine grained									
354.15	358.19	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Blocky and brocken ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 354.15 - 358.19 Carb VN MS Dominantly 30 to core axis; associated with Qz/Ep/Chl veins ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 354.15 - 358.19 BLKY 30									
358.19	358.85	**FLT** ***Fault*** ***Sudbury Breccia :*** Going 10 degrees to core axis; slicken slides and fault gauge									
358.85	360.00	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Blocky and brocken ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 358.85 - 360.00 Carb VN W Dominantly 30 to core axis ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 358.85 - 360.00 BLKY 30									

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

360.00 360.11 **FLT** ***Fault*** ***Sudbury Breccia :***

Faulted Olivine diabase going 10 degrees to core axis; slicken slides and fault gauge

360.11 384.53 **OD** ***Olivine Diabase*** ***Sudbury Breccia :***

Mainly amphibole, feldspar and quartz; fine grained in the beginning and then gradually changes to coarse grained; blackish color and mafic; magnetic (361 m:21.1 T; 363: 23.4; 366: 24.6; 369: 14; 372: 15.8)

Alteration Maj:	*Type/Style/Intensity*	*Comment*
360.11 - 370.30	CHL F M	Fractures have different angles
360.11 - 370.30	Carb VN WM	Dominantly 10 along Ep/Chl veins

Structure Maj.:	*Type/Core Angle*	*Comment*
360.11 - 370.30	BLKY 45	parallel to 90 degree to core axis, different angles
382.35 - 384.53	BLKY 30	Blocky and brocken rocks

384.53 385.00 **FLT** ***Fault*** ***Sudbury Breccia :***

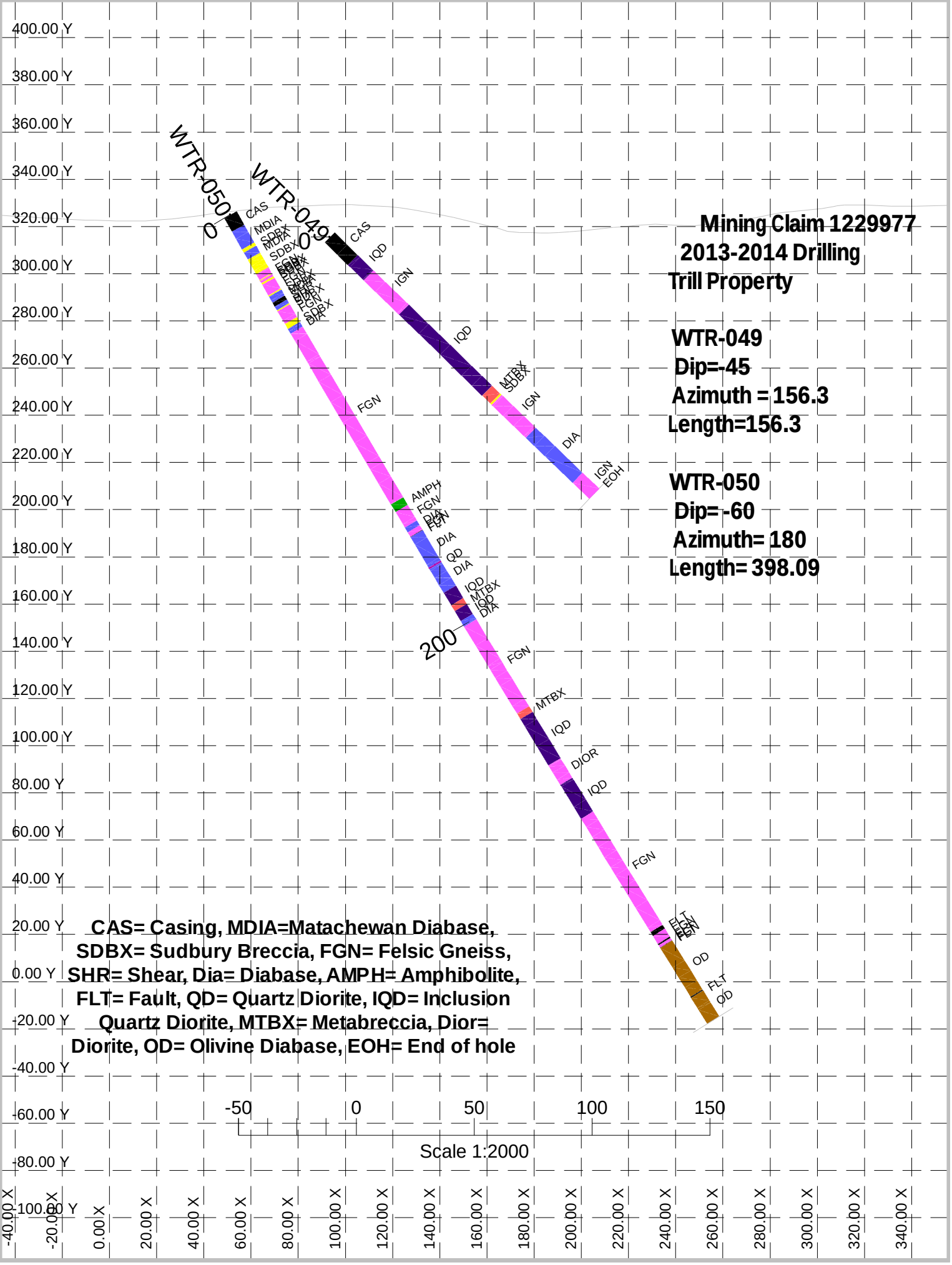
Going 30 degree to core axis

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-050** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
385.00	398.08	**OD** ***Olivine Diabase*** ***Sudbury Breccia :***	N985670	388.37	388.96	0.59	0.00	0.00	0.00	0.00	0.00
		Coarse grained; Mainly amphibole, feldspar and quartz; blackish color and mafic; magnetic (387: 22.9; 397: 23.9)									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		384.91 - 386.38 PY BL 1 In the fractures along Ep/Chl veins; 30 degree to core axis									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		385.00 - 386.38 BLKY 30 Blocky and brocken									
398.08	398.09	***Sudbury Breccia :***									
		EOH									



WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

Drilling
Azimuth: 180
Dip: -80
Length: 1077.73
Started: 27-Nov-13
Completed: 15-Dec-13
Logged: 01-Dec-13

Casing
Length: 0
Pulled:
Capped:
Cemented: no

Core
Dimension: NQ
Storage: Core Shed
Section:
Hole Type DD

Location
Township: TRILL
Claim No.: 1229977
NTS: 41I/05
Hole: SURFACE

Other
Logged by: Mohadeseh Majnoon/Jian Xion
Relog by:
Contractor: Jacob & Samuel Drilling Ltd.
Spotted by: Tom Johnson
Surveyed:
Surveyed by:
Geophysics: UTEM
Geophysic Contractor: Lamontagne
Left in hole:
Making water:
Multi shot survey: yes

Comment: (Log Altered by S. Baird from ~647-709m) Surveyed w submeter GeoXH (File"WM_121712A.cor", WGS84 5147024.0N, 458364.9E, 286.6 HAE). 18" shell put on at 21m
Hexagonal core barrel was used to keep drill hole straight.
From 231 m, the measurement method was changed to have areference and measure from that point. The reference point is 231 m.
Rod count at 483m (-3m), reference point of measurement at 483m;

Coordinate - Gemcom
East: 458350.7
North: 5146801.2
Elev.: 322.6

Coordinate - UTM
East: 458354
North: 5146800
Elev.: 325
Zone: 17 **NAD:** 27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	182.10	-79.88	G	☑	
10.00	181.46	-79.77		☑	
20.00	181.32	-79.91		☑	
21.00	181.80	-80.00	F	☐	Mag: 5663
30.00	181.41	-79.92		☑	
40.00	181.45	-79.88		☑	
50.00	181.39	-79.91		☑	
60.00	181.14	-79.88		☑	
70.00	180.81	-79.93		☑	
72.00	178.10	-80.20	F	☐	Mag: 5547
80.00	180.66	-79.87		☑	
90.00	180.55	-79.90		☑	
100.00	180.48	-79.91		☑	

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
110.00	180.20	-79.69		☑	
120.00	180.01	-79.55		☑	
123.00	176.60	-79.80	F	☐	Mag: 5525
130.00	180.10	-79.42		☑	
140.00	180.11	-79.49		☑	
150.00	180.34	-79.45		☑	
160.00	180.50	-79.36		☑	
170.00	180.44	-79.28		☑	
174.00	178.30	-79.30	F	☐	Mag: 5576
180.00	180.38	-79.17		☑	
190.00	180.37	-79.10		☑	
200.00	180.38	-79.10		☑	
210.00	180.24	-78.91		☑	

WALLBRIDGE MINING COMPANY LIMITED

HEADER REPORT

Hole Number | Project: **TRILL_SCJV** | Project Number: **504**

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
220.00	181.04	-78.96		☑	
225.00	179.50	-79.30	F	☐	Mag: 5474
230.00	180.94	-78.85		☑	
240.00	181.01	-78.90		☑	
250.00	181.14	-78.92		☑	
260.00	181.24	-78.90		☑	
270.00	181.34	-78.84		☑	
276.00	174.50	-79.20	F	☐	Mag: 5544
280.00	181.42	-78.91		☑	
290.00	181.42	-78.98		☑	
300.00	181.39	-78.98		☑	
310.00	181.39	-78.99		☑	
320.00	181.39	-78.88		☑	
327.00	183.30	-79.20	F	☐	Mag: 5596; Temp: 11.8
330.00	181.46	-78.92		☑	
340.00	181.53	-78.95		☑	
350.00	181.52	-78.92		☑	
360.00	181.98	-78.89		☑	
370.00	181.99	-78.96		☑	
377.00	181.30	-79.00	F	☐	Mag: 5264; Temp: 13.3; Roll: 154.6
380.00	182.24	-78.90		☑	
390.00	182.43	-78.95		☑	
400.00	182.93	-78.92		☑	
410.00	183.48	-79.00		☑	
420.00	183.51	-78.87		☑	
429.00	185.20	-78.90	F	☐	Mag: 5479; Roll: 167.3
430.00	184.02	-78.96		☑	
440.00	184.10	-78.81		☑	
450.00	184.51	-78.81		☑	
460.00	184.78	-78.75		☑	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
470.00	185.35	-78.77		☑	
480.00	185.39	-78.82	G	☐	Mag: 5514; overwrote Reflex with Gyro
490.00	185.67	-78.84		☑	
500.00	186.01	-78.83		☑	
510.00	186.19	-78.69		☑	
520.00	186.73	-78.74		☑	
530.00	187.09	-78.60		☑	
531.00	187.60	-78.60	F	☐	Mag: 5510; Temp: 14.0
540.00	187.37	-78.67		☑	
550.00	187.57	-78.61		☑	
560.00	187.75	-78.63		☑	
570.00	187.90	-78.65		☑	
580.00	188.17	-78.63		☑	
582.00	186.60	-78.90	F	☐	Mag: 5559; Temp: 13.3
590.00	188.44	-78.62		☑	
600.00	188.62	-78.50		☑	
610.00	188.75	-78.57		☑	
620.00	188.83	-78.69		☑	
630.00	188.87	-78.68		☑	
633.00	210.90	-78.70	F	☐	Mag: 5481; Temp: 15.9
640.00	188.72	-78.80		☑	
650.00	188.57	-78.79		☑	
660.00	188.69	-78.78		☑	
670.00	188.63	-78.81		☑	
680.00	188.69	-78.83		☑	
684.00	203.30	-78.90	F	☐	Mag: 5536; Temp:
690.00	188.71	-78.88		☑	
700.00	188.75	-78.84		☑	
710.00	188.41	-78.89		☑	
720.00	188.88	-78.83		☑	

WALLBRIDGE MINING COMPANY LIMITED

HEADER REPORT

Hole Number | Project: **TRILL_SCJV** | Project Number: **504**

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
730.00	188.88	-78.91		☑	
735.00	210.60	-79.30	F	☐	Mag: 5519; Temp: 15.1
740.00	188.97	-78.75		☑	
750.00	189.09	-78.78		☑	
760.00	189.21	-78.98		☑	
770.00	189.44	-78.82		☑	
780.00	189.36	-79.02		☑	
785.00	210.10	-79.00	F	☐	Mag: 5557; TemP:
790.00	189.41	-79.25		☑	
800.00	189.51	-79.27		☑	
810.00	189.55	-79.24		☑	
820.00	190.02	-79.16		☑	
830.00	190.23	-79.15		☑	
840.00	190.36	-79.13		☑	
850.00	190.53	-79.20		☑	
860.00	191.42	-79.23		☑	
870.00	192.28	-79.23		☑	
880.00	192.97	-79.14		☑	
890.00	193.71	-79.18		☑	
900.00	193.85	-79.17		☑	
910.00	194.06	-79.12		☑	
920.00	194.20	-79.15		☑	
930.00	194.32	-79.06		☑	
936.00	213.90	-79.20	F	☐	Mag: 5517;
940.00	194.45	-79.14		☑	
950.00	194.65	-79.01		☑	
960.00	194.97	-79.14		☑	
970.00	195.02	-78.94		☑	
980.00	195.16	-78.90		☑	
987.00	215.60	-79.10	F	☐	Mag: 5506

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
990.00	195.24	-79.03		☑	
1000.00	195.79	-79.06		☑	
1010.00	195.82	-79.13		☑	
1020.00	195.99	-79.08		☑	
1030.00	195.94	-79.04		☑	
1038.00	215.40	-79.20	F	☐	Mag: 5176
1040.00	196.03	-78.92		☑	
1050.00	195.72	-79.04		☑	
1060.00	194.62	-79.15		☑	
1069.10	194.46	-79.17		☑	
1077.00	206.80	-79.20	F	☐	Mag: 5492

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	7.33	**CAS** ***Sudbury Breccia :***									
7.33	9.07	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***									

Magnetic with dark blackish color and fine-grained.

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
7.90 - 8.07	PY VN 5	35 degree to core axis

Minor Interval:

8.35	9.07	IGN

9.07	9.43	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***	**1AC5**			

Mineralized (2% dissiminated Py)

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
9.07 - 9.43	PY DIS 2	

9.43	14.53	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***	**1AC5**			

Starts with fine-grained blackish texture with no inclusion and gradually at 11 m changes to less fine-grained and feldspar-bearing diabase (typical of MDIA). in the inclusion-bearing part include 60% feldpar clasts up to 2 cm in diameter. Magnetic (10: 63.1; 12: 33.3; 15: 49.5); 2% SDBX

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
12.75 - 12.93	PY VN 5	30 degree to core axis; associated with EP/Chl

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		alteration									
		13.51 - 13.89 PY DIS 1									
		Minor Interval:									
		10.78 10.96 SDBX *Sudbury Breccia* **1AC5**									
14.53	30.17	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2DA4**									
		Matrix is 1 to 2 (mafic to intermediate). Sulphide (py dominant) generally associated with clasts, veins or fractures.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		16.00 - 16.57 CARB VN MS Bleached the rock; 35 to core axis									
		19.19 - 19.38 EP VN WM 19 cm vein; 35 to core axis									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		15.86 - 16.14 PY BL 3 Associated with Ep alteration									
		17.68 - 17.81 PY BL 2									
		19.91 - 20.05 PY BL 3 Along Ep vein with 25 to core axis									
		20.24 - 20.60 PY DIS 2									
		20.95 - 21.37 PY DIS 2 In the clasts and along the fractures									
		26.94 - 27.05 PY DIS 0.1 Along 90 degree to core axis fractures									
30.17	36.22	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***									
		<1% Py									

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
36.22	37.43	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1D5** Associated with Mag/Ep/Chl vein									
37.43	44.72	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** **1DA5** Ep alteration in fractures; Less than 1% SDBX; in the beginning is inclusion free and gradually changes to inclusion-bearing with around 40% typical feldpsar inclusions of MDIA.									
44.72	45.73	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1AD5**									

Alteration Maj:	*Type/Style/Intensity*	*Comment*
45.66 - 45.73	MAG VN S	Also with iron staining with 35 to core axis
45.66 - 45.73	CHL VN S	Also with iron staining with 35 to core axis
45.66 - 45.73	EP VN S	Also with iron staining with 35 to core axis

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
44.74 - 45.53	PY BL 8	Also in dissiminated form

45.73	48.51	**FGN** ***Felsic Gneiss***	***Sudbury Breccia :***	

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
48.51	51.60	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1DA5**	N985673	50.22	51.61	1.39	0.00	0.00	0.00	0.01	0.02
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		49.00 - 51.60 CP DIS 1 — Associated mainly with Ep alteration, around and in the clasts and along the veins with dominantly 20 to core axis									
		49.00 - 51.60 PY DIS 1 — Associated mainly with Ep alteration, around and in the clasts and along the veins with dominantly 20 to core axis									
51.60	145.21	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** **2D5**	N985674	52.87	54.00	1.13	0.00	0.00	0.00	0.00	0.00
		With 1% Py along fractures and Ep/Carb vein with dominantly 55 to core axis; <1% SDBX; Lots of Ep veins cutting FGN with different angles; Several patchy epidote alteration; magnetic; Localized Py mineralization mainly associated with Ep alteration	N985675	54.00	54.79	0.79	0.00	0.00	0.00	0.00	0.00
			N985676	59.45	59.70	0.25	0.00	0.00	0.00	0.00	0.08
			N985677	72.98	74.49	1.51	0.00	0.00	0.00	0.00	0.00
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		55.85 - 55.97 Carb VN S — With 30 to core axis									
		55.85 - 55.97 EP VN S — With 30 to core axis									
		66.00 - 74.47 Carb VN WM — Dominantly 30 to core axis									
		66.00 - 74.47 Qtz VN WM — Dominantly 30 to core axis									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		59.65 - 59.70 PY VN 1 — Along Ep/Chl/Carb veins; 35 to core axis									
		72.94 - 74.48 PY VN 1 — Dominantly two angles: parallel and 35 to core axis; along Ep/Carb veins									

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology				Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		83.24 - 84.08	PY VN 0.1	Along Ep/Chl veins with 35 to core axis										
		93.35 - 93.40	PY VN 1	Along Ep vein; 30 to core axis										
		94.43 - 94.55	PY VN 1	Along Ep vein; 30 to core axis										
		106.89 - 107.07	PY VN 2	Along Ep vein; 30 to core axis										
		108.00 - 108.80	PY BL 2	Dominantly from 108.47 to 108.80										
		108.00 - 108.80	MAG VN 15	With several different angles cut the FGN and brecciated it.										
		110.48 - 110.53	PY VN 1	30 to core axis; along Ep/Carb vein										
		119.83 - 119.90	PY VN 1	30 to core axis; along Ep vein										
		120.34 - 120.40	PY VN 1	30 to core axis; along Ep vein										
		122.20 - 122.40	PY VN 1	30 to core axis; along Ep vein										
		Minor Interval:												
		52.91	53.08	SDBX	*Sudbury Breccia*	**1DA5**								
		Minor Interval:												
		108.47	108.80	DIA	*Diabase*									
145.21	146.02	**SDBX**	***Sudbury Breccia***		***Sudbury Breccia :***	**2D5**								
		60% SDBX; magnetic												
146.02	169.65	**FGN**	***Felsic Gneiss***		***Sudbury Breccia :***	**2D5**	N985678	152.74	153.12	0.38	0.11	0.00	0.01	0.01	0.00
		With 1% Py along fractures and Ep/Carb vein with dominantly 55 to core axis; <1% SDBX; Lots of Ep veins cutting FGN with different angles; Several patchy epidote alteration; magnetic; Localized Py mineralization mainly associated with Ep alteration												
		Alteration Maj:	***Type/Style/Intensity***	***Comment***										

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		156.43 - 156.68 Carb VN W Parallel to core axis									
		156.43 - 156.68 EP VN W Parallel to core axis									
		156.43 - 156.68 Qtz VN W Parallel to core axis									
		Minor Interval:									
		162.08 162.54 SDBX *Sudbury Breccia* **2D5**									
		80% SDBX									
169.65	170.84	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1D4**									
		Magnetic; Associated with strong Ep alteration									
170.84	185.92	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** **2D5**	N985679	175.62	175.89	0.27	0.00	0.00	0.00	0.00	0.00
		With 1% Py along fractures and Ep/Carb vein with dominantly 55 to core axis; <1% SDBX; Lots of Ep veins cutting FGN with different angles; Several patchy epidote alteration; magnetic; Localized Py mineralization mainly associated with Ep alteration	N985680	176.67	177.00	0.33	0.00	0.01	0.00	0.00	0.03
			N985681	177.00	178.30	1.30	0.00	0.00	0.00	0.00	0.00
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		176.33 - 179.00 EP VN W 30 to core axis; also patchy, it's the darker green Ep associated with Cpy mineralization									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		174.47 - 174.77 PY VN 1 55 to core axis; along Ep alteration									
		175.73 - 175.81 PY VN 5 35 to core axis; along Ep/Carb alteration									
		176.45 - 177.00 CP BL 1 Associated with dark green Ep alteration veins at 30 to core axis									
		178.37 - 178.43 PY VN 0.1 with 55 to cre axis; along Ep alteration									

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
185.92	186.73	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1AD5** Mainly in a diabase vain cutting FGN with several carbonate/Ep veins; magnetic; 40% SDBX ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 185.92 - 186.33 Carb VN WM 18 to core axis									
186.73	190.67	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** **1D5** With 1% Py along fractures and Ep/Carb vein with dominantly 35 to 55 to core axis; <1% SDBX; Lots of Ep veins cutting FGN with different angles; Several patchy epidote alteration; magnetic; Localized Py mineralization mainly associated with Ep alteration ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 186.73 - 189.52 EP VN S with several different angles; changed the color of FGN completely									
190.67	196.07	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1D4** Magnetic; Associated with strong Ep alteration; with several granophyric veins that they look melted and hot but the SDBX itself looks cold; less than 1% fine-grained Cpy associated with some of these granophyric veins as well as Ep veins. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 193.86 - 194.12 PY VN 1 Along Ep veins as well as around clasts; with 14 to core axis	N985682	193.42	194.18	0.76	0.00	0.01	0.01	0.01	0.01
			N985683	194.18	194.75	0.57	0.00	0.01	0.00	0.00	0.01

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
196.07	228.86	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***	N985684	196.51	197.02	0.51	0.00	0.00	0.00	0.00	0.01
		With 1% Py along fractures and Ep/Carb vein with dominantly 35 to 55 to core axis; <1% SDBX; Lots of Ep veins cutting FGN with different angles; Several patchy epidote alteration; magnetic; Localized Py mineralization mainly associated with Ep alteration									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		196.57 - 196.97 PY VN 10 Along Ep/Carb veins with 30 to core axis									
		197.70 - 198.00 PY BL 1 Associated with Ep alteration									
		200.70 - 200.78 PY VN 1 Along Ep/Carb vein with 30 to core axis									
		205.72 - 205.80 PY VN 1 30 to core axis; along Ep/Chl veins									
		206.00 - 206.06 PY VN 2 30 to core axis; along Ep/Carb veins									
		208.78 - 208.82 PY VN 0.1 30 to core axis; along Ep/Carb veins									
		216.21 - 216.26 PY VN 1 30 to core axis; along Ep vein									
		Minor Interval:									
		227.05 227.23 SDBX *Sudbury Breccia* **1AD5**									
228.86	237.39	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***	N985685	228.80	230.10	1.30	0.00	0.02	0.01	0.01	0.03
		Possible SDBX; dark blackish color; magnetic; magnetite veins cutting it in the beginning; dark green Ep veins in the beginning; different clasts from mafic to granitoid and from round to angular; the biggest clast has around 1.5 cm diameter but generally they are small clasts; TCA @ 237.39 is 30°;	N985686	230.10	231.38	1.28	0.00	0.02	0.02	0.03	0.03
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***	N985687	231.38	232.83	1.45	0.00	0.01	0.01	0.01	0.00
		228.86 - 231.56 Carb VN W from 230-231.56 with 30 to core axis	N985688	232.83	234.37	1.54	0.00	0.01	0.01	0.01	0.00
		228.86 - 231.56 EP VN S Dark green Ep with Cpy and Py and Po and Mag mineralization; several different angles	N985689	234.37	235.48	1.11	0.00	0.01	0.01	0.01	0.02
		231.56 - 235.08 Carb VN W With 30 to the core axis	N985690	235.48	235.91	0.43	0.00	0.01	0.00	0.01	0.01
			N985693	235.91	237.39	1.48	0.00	0.00	0.00	0.01	0.02

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

235.08 - 237.39 EP PCH M

235.08 - 237.39 EP VN W

Mineralization Maj. :	Type/Style/%Mineral	Comment
228.86 - 231.00	MAG VN 20	Several different angles.It is like a hot melt cutting the rocks and have so many angles to the core axis.
228.86 - 231.00	CP DIS 1	Associated with Ep/Chl alteration
228.86 - 231.00	PY DIS 2	Associated with Ep/Chl alteration
231.00 - 231.28	CP VN 1	Along Ep/Carb/Chl veins parallel to the core axis
231.00 - 231.28	PY VN 20	Along Ep/Carb/Chl veins parallel to the core axis
231.28 - 237.43	PO BL 1	in the matrix; up to 1 cm in diameter
231.28 - 237.43	CP BL 1	in the matrix; up to 1 cm in diameter
231.28 - 237.43	PY BL 2	in the matrix; up to 1 cm in diameter

237.39	268.12	**DIA** ***Diabase*** ***Sudbury Breccia :***	N985694	240.96	241.76	0.80	0.00	0.00	0.00	0.00	0.05
			N985695	267.41	268.09	0.68	0.00	0.00	0.00	0.01	0.07

Greenish dark grey colour; medium- to coarse-grained; cross-cut by ep-qtz-carbonite or Magenitite veinlits (>1 to 12 mm wide); contains few, irregular, greyish black colour, aphanitic , SDBX (?, 1a5) up to 2-4mm wide; contains 2-3% blabby py and trace fine-grained cpy, some py and cpy are occur within the ep-qtz-carbonate (or magnetite) veinlets; contains 5 ep alteration bands from 6 to 40 cm long; strong magnetic; TCA @ 268.12m is 40°;

Mineralization Maj. :	Type/Style/%Mineral	Comment
237.39 - 268.12	PY DIS 0.5	
237.39 - 268.12	CP FG 0.2	most occurs within the EP-Carbonate veinlet.
237.39 - 268.12	PY BL 3	some associated with EP-Carbonate Veinlet

Texture Maj:	Type	Comment
521.48 - 0.00	PEG	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
268.12	276.12	**DIA** ***Diabase*** ***Sudbury Breccia :***	N985696	268.09	268.70	0.61	0.00	0.01	0.01	0.02	0.02

Greenish dark grey colour; prophyritic; contains 5-6% irregular feldspar-qtz phenocryst up to 1 cm in size; medium- to coarse-grained groundmass, 8 to 10cm wide, chilled margins occur at both contacts; contains one irreegular (0.5 to 3.0 cm wide), greyish black colour, aphanitic SDBX (1a5); contains 5 ep alteration bands from 3 to 65cm long and two ep-magnetite alteration bands from 2-4 cm wide; trace, disseminated cpy and py occurs inside the ep alteration band; moderately to strongly magnetic; TCA @ 276.12 is 26°;

Mineralization Maj. :	Type/Style/%Mineral	Comment
268.12 - 276.12	CP FG 0.1	occurs inside ep altearation band
268.12 - 276.12	PY DIS 1	possible associated with ep alteration

276.12	282.02	**DIA** ***Diabase*** ***Sudbury Breccia :***									

As same as 237.39-268.12 interval but less py mineralization and less ep alteration; dark grey colour; medium-grained; cross-cut by <1 - 2.0mm wide, irregular carbonate-ep-chl veinlets,; contains trace py occurs in the veinlet; moderately magnetic; TCA @ 282.02 is 35°;

Mineralization Maj. :	Type/Style/%Mineral	Comment
278.10 - 279.00	PY VN 0.1	a mm wide py veinlet insiide ep alteration band

282.02	282.96	**MGN** ***Mafic Gneiss*** ***Sudbury Breccia :***									

Possible meta-gabbro; greenish dark grey colour; fine- to coarse-grained; strongly deformation with K-feldspar, ep, carbonate and magnetite alteration; moderately to strongly magnetic; TCA @ 282.96m is 60°;

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

282.96 290.43 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Greenish or reddish pink colour, coarse-grained; strongly deformation with healed fratures and brecciation; <1 to 2mm wide, qtz-carbonate or ep venlets cut; patches ep alteration; contains two greenish black to dark grey colour, fine-grained DIA from 285.18-258.59 and 289.54-289.79m with srtongly magnetic; a possible SDBX (1a5) occurs at 289.40m with strongly magnetic; TCA @ 290.43m is 40°;

290.43 314.90 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey to medium grey colour; medium- to coarse-grained; a 1.3m long, aphanitic to fine-grained chilled margin occurs at upper contact; weakly cut by ep or ep-qtz-carbonate veinlet; contains a few dark grey colour, aphanitic, irregular SDBX (1a5) up to 2.0 cm wide; ep atleration band from 312.12 to 312.78m; strongly carbonate veinlet from 312.78 to 314.90m with aphanitic to fine-grained texture; TCA @ 314.9 is 45°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
589.78 - 0.00	EP PCH W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
290.43 - 314.90	PY DIS 0.1	

314.90 315.17 **QTZ** ***Quartz Vein*** ***Sudbury Breccia :***

Light greyish to pinkish white colour; fine- to coarse grained; consists of 60% calcite, 38% qtz and 1-2% chloritized DIA (?); TCA @ 315.17 is 40°;

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

315.17 376.11 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish or pinkish dark grey colour; fine- to coarse-grained; a 90cm long, greenish black colour, aphanitic, chilled margin ocuurs at lower contact from 375.05 to 376.11m with 1.0cm wide ep veinlet; calcite-qtz veinlet enriched in upper contact area from 315.17 to 315.52m; weakly (2-3%) ep-qtz-calcite veinelt cross-cut (<1 to 20mm wide); a 25cm long, ep-qtz-K-feldspar occurs from 346.20-346.40m; a 7cm wide, possible SDBX (1a5) occurs at 334.05m; contains trace, disseminated py along the ep-qtz-calcite veinlet; moderately to stongly magnetic; TCA at 376.11 is 30°.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
690.41 - 0.00	Carb VN W	
690.41 - 0.00	EP VN W	
743.54 - 0.00	Qtz VN W	
743.54 - 0.00	GAR VN W	
743.54 - 0.00	K P M	
743.54 - 0.00	CHL INT M	
743.54 - 0.00	EP VN WM	
743.54 - 0.00	CHL VN WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
315.17 - 376.11	PY DIS 0.1	occurs along the margin of ep veinlet;
693.00 - 0.00	PY DIS 0.1	
693.00 - 0.00	CP DIS 0.1	

376.11 380.98 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Pink or pinkish light grey colour; poor foliated; fine- to coarsed-grained; contains 65-70%, pinkish light grey colour, fine- to medium-grained paleosome and 30-35% pink colour, coarse-grained, leucosome; moderately to strongly magnetic; TCA @380.98m is 60°;									
380.98	486.79	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Greyish pink colour; coarse-grained; poor foliated; consists of 5-10%, medium grey colour; fine- to medium-grained, paleosome bands (strongly magnetic) up to 60cm long, and 90-95%, pink colour, coarse-grained leucosome; contains 6 greenish black colour, coarse-grained, meta-gabbro dyke (non magnetic) from 5-40cm long; very weak ep/cal veinlet cross-cut; a few ep alteration band from 3-12cm wide; TCA @ 486.79m is about 60°;									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		380.98 - 486.79 EP PCH W									
		380.98 - 486.79 CHL INT W									
		380.98 - 486.79 EP INT WM									
		380.98 - 486.79 EP B W									
		380.98 - 486.79 EP VN W									
		380.98 - 486.79 Carb VN W									
486.79	488.54	**UMAF** ***Ultramafic*** ***Sudbury Breccia :*** Greyish black colour; aphanitic to fine-grained; 10cm long, black colour, aphanitic chilled margin occurs at upper contact; a 2cm wide, black colour, aphanitic, possible SDBX occurs near the lower contact area; brecciated partly; cross-cut by irregular, carbonated veinlets from 2-20mm wide; trace py occurs at the margin of the carbonate veinlet; strongly magnetic; TCA @ 488.54m is 60°									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

486.79 - 488.54 CHL INT W

486.79 - 488.54 CHL B W occurs at lower contact area;

486.79 - 488.54 Carb VN M

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

486.79 - 488.54 PY DIS 0.1 trace;

488.54 502.64 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Greyish pink colour; coarse-grained; consists of 5% fine-grained paleosome up to 30cm long; 95% coarse-grained leucosome; weakly ep veinlet cross-cut; moderately ep alteration as patches; weakly to moderately magnetic; TCA @ 502.64m is 40°.

502.64 503.63 **AMPH** ***Amphibolite*** ***Sudbury Breccia :***

Meta-Gabbro; Greenish dark grey colour; medium- to coarse-grained; consists of 5-10%, felsic minerals, 90-95% amphibole and biotite; non magnetic; TCA @ 503.63m is 50°;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

502.64 - 503.63 CHL INT W

503.63 521.48 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Medium grey to pinkish light grey colour; fine- to coarse-grained; contains 50-55%, fine- to medium-grained paleosome with strangly magnetic; 45-50% coarse-grained leucosome with weakly to moderately

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

magnetic; contains trace, coarse-grained py occurs within the paleosome bands; TCA @ 521.48m is vague;

Alteration Maj:	Type/Style/Intensity	Comment
503.63 - 521.48	EP P W	
503.63 - 521.48	EP VN W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
503.63 - 521.48	PY CG 0.1	some associated with ep alteration;

521.48 522.30 **PEG** ***Pegmatite*** ***Sudbury Breccia :***

Reddish pink colour; pegmatitic; consists of 20-25% qtz, 75-80% K-feldspar; trace fine-grained py in ep veinlet; TCA @ 522.3m is 40°;

Alteration Maj:	Type/Style/Intensity	Comment
521.48 - 522.30	EP VN W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
521.48 - 522.30	PY FG 0.1	trace py occurs in the ep veinlet;

522.30 529.98 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

As same as 503.63-521.48 interval; medium grey to greyish pink colour; poor foliated; fine- to coarse-grained; contains 30-35% paleosome up to 54cm long with strongly magnetic and 65-70% leucosome with weakly to moderately magnetic; contains one 2cm wide, black colour, SDBX (1b5) at 528.11m with strongly magnetic; trace, coarse-grained py occurs in the paleosome; TCA @ 529.98m is 55°;

Alteration Maj:	Type/Style/Intensity	Comment
522.30 - 529.98	Carb VN W	
522.30 - 529.98	EP VN W	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

522.30 - 529.98 PY CG 0.1

529.98 548.50 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Greyish pink colour; coarse-graind; contains two 10 to 30cm long, dark grey colour, aphanitic to fine-grained, possible UM dyke at 533.38m and 541.20m; two 8-55cm long, irregular, dark grey colour, SDBX (3c5) at 533.70m and from 534.35-534.90m, respectively;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

529.98 - 540.58 EP VN W

540.58 - 542.80 Carb VN S

542.80 - 548.50 EP PCH W

542.80 - 548.50 EP VN W

548.50 553.23 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish black colour; fine-grained; a 30cm long, black colour, aphanitic chilled margin occurs at upper contact; contains two 5-20mm wide, irregular, black colour, aphanitic SDBX (1a5) over 30cm long; contains trace, fine-grained py as irregular veinlet along joints; strongly magenitic; TCA @ 553.23m is vague;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

548.50 - 553.23 EP VN W

548.50 - 553.23 Carb VN W

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

548.50 - 553.23 PY VN 0.1 associated with carbonate veinlets

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
553.23	558.20	**AMPH** ***Amphibolite*** ***Sudbury Breccia :*** Meta-gabbro; greenish black colour; coarse-grained; consists of 5% felsic minerals and 95% mafic minerals; contains two pegmatite dyke from 525.63-556.23 and 556.85-557.23m; contains trace disseminated py; weakly to strongly magnetic; TCA @ 558.2m is 85°.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		553.23 - 558.20 EP VN W									
		553.23 - 558.20 EP PCH W									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		553.23 - 558.20 PY DIS 0.1 occurs in the Amph;									
558.20	560.16	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Greyish pink colour, coarse-grained; breccated partly (healed); contains one coarse-grained meta gabbro up to 18cm long; TCA @ 560.16m is vague;									
560.16	563.50	**DIA** ***Diabase*** ***Sudbury Breccia :*** Greenish dark grey colour; fine- to medium-grained; contains one 2.0cm wide SDBX (2c5); moderately ep alteration as bands; contains two 1-1.5cm wide py veinlets; weakly to strongly magnetic; TCA @ 563.5m is 60°;	N985697	562.83	563.50	0.67	0.00	0.00	0.00	0.03	0.04
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		560.16 - 563.50 Carb VN W									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

560.16 - 563.50 EP B M

560.16 - 563.50 CHL P W

Mineralization Maj. :	Type/Style/%Mineral	Comment
563.10 - 563.25	PY VN 10	associated with ep and calcite alteration;

563.50 566.30 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Pink colour; coarse-grained; contains one 30cm long, meta-gabbro (amphibolite) with strongly magnetic; TCA @ 566.3 is vague;

Alteration Maj:	Type/Style/Intensity	Comment
563.50 - 566.30	CHL INT W	

566.30 567.45 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey to black colour; fine-grained; brecciated (healed) in the center; very strongly ep alteration as irregular bands, two 2-6cm wide, dark grey colour, aphanitic SDBX (1b5) occurs at both contacts also with ep alteration; contains <1% disseminated py in the center area; strongly magnetic; TCA @ 567.45m is gradational and vague;

Alteration Maj:	Type/Style/Intensity	Comment
566.30 - 567.45	Qtz VN W	
566.30 - 567.45	Carb VN W	
566.30 - 567.45	EP B S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
566.80 - 567.00	PY DIS 3	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

567.45 574.32 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Reddish pink colour, coarse-grained; contains a greenish dark colour, medium- to coarse-grained DIA from 569.35-570m with a 5.0cm long, aphanitic, possible SDBX; weakly magnetic; trace, disseminated py occurs in qtz-carbonate veinlet within the DIA; TCA @ 574.32m is 40°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
567.45 - 569.35	CHL INT W	
569.35 - 570.00	CHL P W	
569.35 - 570.00	Carb VN W	
569.35 - 570.00	Qtz VN W	
569.35 - 570.00	Qtz P M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
567.45 - 574.32	PY DIS 0.1	associated with qtz-eo-carbonate veinlet;

574.32 576.56 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***

SDBX zone; pink or medium grey to dark grey colour; brecciated; consists of 40-45% reddish pink colour, FGN blocks up to 50cm long, and 30-35% dark grey colour, medium-grained DIA (strongly magnetic) blocks up to 50cm long, and 20-25% dark grey colour SDBX (2c5) with strongly magnetic; the SDBX consists of 5% FGN clasts and 95% dark grey colour, aphanitic matrix; trace disseminated py occurs in the DIA block; TCA @ 576.56m is 90°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
574.32 - 576.56	EP VN W	
574.32 - 576.56	CHL INT W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
574.32 - 576.56	PY DIS 0.1	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

576.56 588.67 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Reddish pink colour; coarse-grained; contains one irregular, dark grey colour, SDBX (3c5 ?) up to 2.0 cm wied; weakly to moderately magnetic; TCA @ 588.67 is 40°;

Alteration Maj:	Type/Style/Intensity	Comment
576.56 - 588.67	CHL VN W	
576.56 - 588.67	Carb VN W	
576.56 - 588.67	EP VN W	
576.56 - 588.67	EP PCH WM	
576.56 - 588.67	CHL INT W	

588.67 589.78 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey to black colour; fine-grained; consists of two DIA dykes form 35-60 cm long; chilled margins occur at contacts with aphanitic texture; strongly magenitic; contaons a 16cm long FGN in center; TCA @ 589.78 is 30°;

Alteration Maj:	Type/Style/Intensity	Comment
588.67 - 589.78	Carb VN W	

589.78 597.36 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Greyish pink to reddish pink colour; coarse-grained; poor foliated; contains two greenish black colour, coarse-grained meta-gabbro (amphibolite) up to 14cm long; weakly to strongly magnetic; TCA @ 597.36

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

is 35°;

597.36 605.73 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Pinkish dark green to reddish pink colour; coarse-grained; moderately foliated; migmatitic mainly; consists of 30-35% amphibolite bands, 50-55% felsic bands; contains a qtz-K-feldsar, pegmatite dyke up to 28cm long; weakly to moderately magnetic; TCA @ 605.73 is 50°;

605.73 607.87 **DIA** ***Diabase*** ***Sudbury Breccia :***

Geenish black colour; fine-grained; 2-3cm wide, ahpanitic, possible SDBX occurs at upper contact; moderately magnetic; TCA @ 607.87m is 50°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
605.73 - 607.87	Carb VN W	

607.87 642.19 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Greyish pink to pink colour; coarse-grained; moderately foliated partly; migmatitic partly; consists of 10-15% light grey to dark colour, paleosomes with strongly magnetic, and 85-90% greyish to pink colour, coarse-grained; leucosomes; contains 2 greenish dark grey colour, meta-gabbro (amphibolite) up to 45cm long; weakly magnetic mainly; contains a geenish black colour, possible SDBX (3c5) up to 2.o cm wide; TCA @ 642.19m is 50° (foliation);

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

642.19 647.00 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Greyish pink to greenish medium grey; medium- to coarse-grained; brecciated (healed) and hornfelsic in lower contact area from 646.9-648.72m and contains a 15cm long greenish dark grey colour, fine-grained DIA; very weakly magnetic; TCA @ 648.72m is 35°;

Alteration Maj:	Type/Style/Intensity	Comment
642.19 - 648.72	EP PCH W	
642.19 - 648.72	CHL P M	near the low contact;
642.19 - 648.72	Carb VN W	
642.19 - 648.72	EP VN W	
642.19 - 648.72	EP INT M	

647.00 648.72 **SHR** ***Shear*** ***Sudbury Breccia :***

Tectonized and Brecciated Shear zone hosted in the Intermediate Gneiss. Probably caused by the intrusion of the lower Diabase. Moderate amounts of Epidote alteration bands. Trace Cpy specks close to the lower contact. (Added by S. Baird March 2014)

648.72 690.41 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; medium- to coarse-grained; consists of 15-20% felsic minerals and 80-85% mafic minerals; contains 8 irregular, <1-3.0cm wide, possible SDBX (or chilled QD) veins up to 50cm

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

long, the SDBX (or chilled QD) commonly aphanitic and zoned with a dark grey or black colour core and a greenish dark grey margin, and most of it are clast free with non magnetic; the DIA contains trace, fine-grained or blebby py and trace, fine-grained cpy within ep veinlet; strongly magnetic overall; TCA @ 690.41m is vague; magnetic susceptibility @ 652m is 8.66; @ 661m is 4.19; @ 666m is 49; @ 669m is 79.3; @ 678m is 4.50; @ 685m is 44.2; @ 690m is 28.4; Fg-Mg from 648.72-665m, Mg-Cg plagioclase from ~665-679m and grades back into Fg-Mg from ~679-690.41m. SDBX veinlets and zones from ~673-690m. Heavy epidote alteration and veining from ~678-690m. (Altered by S. Baird March 2014)

Alteration Maj:	Type/Style/Intensity	Comment
648.72 - 690.41	EP P WM	with low mag sus;
648.72 - 690.41	Carb VN W	
648.72 - 690.41	EP VN WM	

Mineralization Maj. :	Type/Style/%Mineral	Comment
648.72 - 690.41	CP DIS 0.1	occurs along the ep veinlet;
648.72 - 690.41	PY BL 0.1	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
690.41	693.00	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***									

Greenish dark grey colour; brecciated (healed); consists of 30-35% greenish dark grey SDBX (1a5), and 70-65% greenish dark grey colour, medium-grained DIA blocks from 30 to 120m long; the SDBX contains a few mm size, pink colour felsic clasts but mainly area DIA clasts up to 2cm in size, the ahpanitic matrix has strongly magnetic; contains trace py occurs in the ep-calcite veinlet; TCA @ 693m is vague;

Mineralization Maj. :	Type/Style/%Mineral	Comment
690.41 - 693.00	PY VN 0.1	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
693.00	701.04	**DIA** ***Diabase*** ***Sudbury Breccia :***									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

As same as 648.72-690.41m interval; Greenish dark grey colour; medium- to coarse-grained; contains 4, 3-8mm wide, greenish dark grey, aphanitic possible SDBX (1a5), the matrix of the SDBX has a dark grey colour, aphanitic texure with non zonation; more qtz-calcite veinlet in the lower contact area up to 2cm wide; trace cpy occurs inside ep-calcite veinlet, and trace py occurs within SDBX veinlet; TCA @ 701.04m is 50°; magnetic susceptibility @ 695m is 20.0; @ 699m is 19.9; Fg-Mg with heavy Qtz-Ep alteration from 693.30-693.45m. Fluid alteration from brecciation. Sheared and healed brecciation from ~700.80-701.04m. (Altered by S. Baird March 2014)

Alteration Maj:	Type/Style/Intensity	Comment
693.00 - 701.04	Carb VN WM	
693.00 - 701.04	Qtz VN W	
693.00 - 701.04	EP VN W	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
701.04	703.50	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***									

Greyish pink colour; coarse-grained; poor foliated; fractured (healed) and deformed; contains one paleosome up to 10cm long; two sets qtz-calcite vienlet cut; non magnetic; TCA @ 703.72m is 60°;

Alteration Maj:	Type/Style/Intensity	Comment
701.04 - 703.70	EP VN W	
701.04 - 703.70	CHL F W	
701.04 - 703.70	Qtz VN W	
701.04 - 703.70	Carb VN W	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
703.50	704.00	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Brecciated contact between the Gneiss and Diabase with mostly IGN fragments. (Added by S. baird March 2014)									
704.00	708.28	**DIA** ***Diabase*** ***Sudbury Breccia :*** Greenish dark grey to black colour; fine- to medium-grained; contains a few FGN as xenoliths up to 10cm in size; contains trace, disemminated py occurs along the fractures; 5-8cm wide, greenish dark grey colour; aphanitic matrix SDBX (2c5 upper contact or 2a5 lower contact) occurs at the both contacts; very weakly magnetic TCA @ 708.42m is vague; magnetic susceptibility @ 706m is 1.34; @ 708m is 1.09; Fg with Heavy epidote fracture filling throughout. (Altered by S. Baird March 2014)									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		703.70 - 708.42 Carb VN W									
		703.70 - 708.42 EP VN WM									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		703.70 - 708.00 PY F 0									
708.28	708.42	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Brecciated contact between the Dia and gneiss units. (Added by S. baird March 2014)									
708.42	731.75	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Greyish pink to grenish colour; coarse-grained; poor foliated; contains two greenis dark grey colour, coarse-grained paleosome from 727.10-727.32 and 728.34-729.36cm long; moderately ep alteration; contains trace, fine-grained or disseminated py; weakly to moderately magnetic overall; TCA @ 731.75m is 60°;

Alteration Maj:	Type/Style/Intensity	Comment
708.42 - 731.75	EP B WM	
708.42 - 731.75	EP PCH W	
708.42 - 731.75	EP VN W	
708.42 - 731.75	EP INT WM	

Mineralization Maj. :	Type/Style/%Mineral	Comment
708.42 - 731.75	PY FG 0.1	
708.42 - 731.75	PY DIS 0.1	

731.75 733.30 **EPDT** ***Epidotite*** ***Sudbury Breccia :***

Light green colour; fine-grained ep alteration band; contains a greyish medium grey colour, fine-grained DIA from 731.75-73.10m, and a pink colour, coarse-grained FGN from 733.20 to 733.30m; contains a 2.0cm wide, epidotized possible SDBX in center; non magnetic overall; TCA @ 733.3m is 25°;

Alteration Maj:	Type/Style/Intensity	Comment
731.75 - 732.10	EP P M	
731.75 - 732.10	Carb VN S	
732.10 - 733.20	EP B I	
733.20 - 733.30	EP INT S	

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
733.30	739.39	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***	N985698	733.30	734.80	1.50	0.00	0.00	0.00	0.01	0.00
		Greenish dark grey colour; brecciated (healed); consists of 30-35% greenish dark colour, possible SDBX (1a5 to 2c5) with aphanitic to fine-grained matrix, most of the clasts are sub-angular up to 10cm in size, and 25-30% pink colour, coarse-grained FGN blocks up to 72cm long, and 35-40% greenish dark grey colour; fine-grained DIA blocks up to 70cm long; ep alteration band occurs from 733.85 to 734.44m; trace py occurs within the FGN clasts as patches, and trace, fine-grained cpy occurs inside py patches; non magnetic overall; TCA @ 739.39m is 15°;	N985699	734.80	735.40	0.60	0.00	0.01	0.01	0.01	0.00
			N985700	735.40	736.90	1.50	0.00	0.00	0.00	0.00	0.00
			N985701	736.90	737.55	0.65	0.00	0.00	0.00	0.01	0.02
			N985702	737.55	738.81	1.26	0.00	0.01	0.01	0.01	0.01
			N985703	738.81	739.39	0.58	0.00	0.00	0.00	0.00	0.10
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		733.30 - 733.85 EP P WM									
		733.30 - 733.85 Carb VN W									
		733.85 - 734.45 Carb VN W									
		733.85 - 734.45 EP I									
		734.45 - 735.70 Carb VN WM									
		734.45 - 735.70 EP P W									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		733.30 - 739.39 CP FG 0.1									
		733.30 - 739.39 PY DIS 0.2									
739.39	741.68	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***									
		Greenish pink colour; coarse-grained; strongly deformed; contains 3, greenish light grey colour, SDBX (3c5) up to 2.0cm wide; most the clasts are sub-angular up to 2mm in size; non magnetic; TCA @ 741.68 is vague;									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		739.39 - 741.68 EP VN W									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		739.39 - 741.68 CHL P W									
		739.39 - 741.68 EP INT M									
741.68	742.53	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Greenish light grey colour; brecciated; consists of 55-65% ep and chl alterated FGN clasts up to 24cm long, and 5-10% greenish medium grey colour, fine-grained DIA clasts up to 7cm in size, and 20-15% greenish light grey colour, aphanitic matrix;									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		741.68 - 742.53 EP P WM									
742.53	743.54	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** As same as 739.39-741.68 interval; greenish pink colour, coarse-grained; strongly deformed; containd a greenish light grey colour SDBX up to 8mm wiide; non magnetic; TCA @ 743.54m is 30°;									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		742.53 - 743.54 EP INT W									
		742.53 - 743.54 EP VN W									
		742.53 - 743.54 CHL FF W									

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
743.54	759.37	**DIA** ***Diabase*** ***Sudbury Breccia :*** Greenish dark grey colour; fine- to medium-grained; consists of 15-20% pink colour feldspars, 20-25% light grey colour qtz, and 55-50% mafic minerals; a fine-grained and moderately ep alteration zone occurs at upper contact area over 1.5m long and gradually into medium-grained in the center; contains trace fine-grained or pacthes py; weakly magnetic; TCA @ 579.39 is 60°; magnetic susceptibility @ 746m is 6.60; @ 751m is 4.07; 757m is 2.06; ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 743.54 - 759.37 PY WS 0.1 743.54 - 759.37 PY TR 0.1										
759.37	805.48	**OD** ***Olivine Diabase*** ***Sudbury Breccia :*** Dark grey to greyish black colour; coarse-grained mainely; ophilitic partly and laths amphibloe rarely; dark grey to black colour, aphanitic to fine-grained chilled margins occur at both contacts from 30 to 150cm long; strongly magnetic; TCA @ 805.48m is vague; magnetic susceptibility @ 762m is 66.2; @ 769m is 50.8; @ 772m is 59.7; @ 776m is 57.6; @ 780m 58.0; @ 784m is 57.2; 787 is 50.7; @ 791m is 47.4; @ 797m is 63.8; @ 800m is 50.0; @ 805m is 50.1 ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 759.37 - 805.48 CHL FF W										
805.48	898.38	**DIA** ***Diabase*** ***Sudbury Breccia :*** As same as 743.54-759.37m; Geenish medium grey to dark grey colour; coarse-grained; weakly ep-carbonate veinlet cross-cut; contains a few dark grey colour; aphanitic possible SDBX from 1-5cm wide; trace, cpy as veinlet or pacthes associated with ep-carbonated veinlets; moderately to strongly magnetic; magnetic susceptibility @ 809m is 8.96; @ 812m is 1.98; @ 816m is 2.81; @ 820m is 55.6; @ 824m is 17.8; @ 831m is 88.1 @ 834m is 46.8; @ 837m is 52.6; @ 843m is 4.10; @ 846m is 45.5; @ 849m is 22.5; @ 853m is 64.0; @ 856 is 34.2; @ 861m is 1.46; @ 864m is 16.2; @ 867m is 77.6; @ 870m is 76.9; @873m 19.1; @ 878m is 45.5; @882m is 34.3; @887m is 74.2; @ 889m is 44.3; @ 894m is 43.2;	N985704	807.08	807.72	0.64	0.00	0.00	0.00	0.01	0.13
			N985705	851.79	852.36	0.57	0.00	0.00	0.00	0.01	0.07
			N985706	868.77	869.42	0.65	0.00	0.00	0.00	0.01	0.06
			N985707	893.35	894.85	1.50	0.00	0.00	0.00	0.01	0.01
			N985708	894.85	896.35	1.50	0.00	0.00	0.00	0.01	0.02
			N985709	896.35	896.84	0.49	0.00	0.00	0.00	0.00	0.03

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

@ 898m is 80.4

Alteration Maj:	Type/Style/Intensity	Comment
805.48 - 872.00	K INT WM	
805.48 - 872.00	EP B W	
805.48 - 872.00	CHL FF W	
805.48 - 872.00	Carb VN W	
805.48 - 872.00	EP VN W	
872.00 - 880.00	K INT WM	
872.00 - 880.00	CHL INT W	
872.00 - 880.00	HE FF WM	
872.00 - 880.00	CHL FF W	
872.00 - 880.00	EP VN WM	
872.00 - 880.00	Carb VN WM	
880.00 - 898.38	K INT WM	
880.00 - 898.38	Carb VN W	
880.00 - 898.38	EP P M	
880.00 - 898.38	EP VN WM	

Mineralization Maj. :	Type/Style/%Mineral	Comment
807.08 - 807.72	CP VN 1.5	2-3mm wide cpy veinlet inside qtz-chl-carbonate veinlet (8mm wide);
807.72 - 851.79	PY F 0.1	occurs inside a 2-3cm wide, possible SDBX;
851.79 - 852.36	CP BL 1	possible associated carbonate veinlet;
868.77 - 869.42	CP FF 0.5	inside ep veinlet;
893.35 - 896.84	CP DIS 0.2	occurs inside of ep veinlet;

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
898.38	909.80	**MGN** ***Mafic Gneiss*** ***Sudbury Breccia :*** Greenish dark grey or pinkish black colour; medium- to coarse-graoned; streongly brecciated (healed) and deformation; poor foliated; strongly migmatitic with pinkish black colour, medium-grained, irregular amphible GR patches (partical melt?); contains 6, greenish medium grey colour, aphanitic matrix, irregular and zoned possible SDBX (2b5) from 1-7cm wide with weakly magnetic; contains a 10cm greenisg medium grey colour, fine-grained DIA with weakly magnetic; non magnetic overall for the MGN; 909-909.80m: greenish red colour, coarse-grained and deformed FGN; TCA @ 909.80 is vague;									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		898.38 - 909.80 Carb VN W									
		898.38 - 909.80 EP PCH W									
		898.38 - 909.80 CHL FF W									
		898.38 - 909.80 HE FF W									
		898.38 - 909.80 EP VN W									
		898.38 - 909.80 EP B WM									
909.80	918.62	**SDBX** ***Breccia*** ***Sudbury Breccia :*** Possible SDBX zone; greenish medium grey or greenish red colour; strongly brecciated and fractured (healed); consists of 40-50% BX (?, 3c5), 30-35% ep altered DIA and FGN as blocks; the BX consists of a greenish medium grey colour, aphanitc and ep altered matrix and round to angular FNG or DIA clasts; contains <1% coarse-grained cpy in brecciated (healed) FGN block; TCA @ 918.62m is 35°;	N985710	913.11	914.48	1.37	0.00	0.00	0.00	0.00	0.00
			N985713	914.48	915.44	0.96	0.00	0.00	0.00	0.00	0.04
			N985714	915.44	916.44	1.00	0.00	0.00	0.00	0.00	0.00
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		909.80 - 918.62 CHL FF W									
		909.80 - 918.62 EP VN W									
		909.80 - 918.62 HE FF WM									
		909.80 - 918.62 Carb VN W									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		909.80 - 918.62 EP P S 909.80 - 918.62 EP INT M ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 909.80 - 913.11 CP DIS 0.1 913.11 - 915.44 CP CG 0.5									
918.62	936.35	**DIA** ***Diabase*** ***Sudbury Breccia :*** As same as 805.48-898.38m; greenish medium grey colour; medium-grained; strongly ep alteration along the fractures; contains 5 greenish medium grey colour, irregular, possible SDBX (1a5) from 2.0-8.0cm wide; trace, fine-grained py occurs in the fracture; TCA @ 936.62m is vague; ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 918.62 - 936.35 EP B W 918.62 - 936.35 HE FF M 918.62 - 936.35 Carb VN WM 918.62 - 936.35 EP INT M 918.62 - 936.35 EP VN S ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 918.62 - 936.35 PY FG 0.1									
936.35	1003.25	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Pinkish grey colour; coarse-grained; poor to weakly foliated; weakly migmatitic; consists of 10-15% medium grey colour, medium-grained paleosome up to 20cm long, and 2-3% reddish pink colour, pegmatite up to 130cm long; and 80-85% coarse-grained pinkish light grey colour FGN; contains 3-5%, coarse-grained py inside ep alteration band from 971.40-971.60m; contains one, 3cm wide SDBX (3c5) at 1002.57m with moderately magnetic; the FGN has non magnetic overall; TCA @ 1003.3m is 30°;	N985715	971.24	971.94	0.70	0.00	0.00	0.00	0.02	0.00

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

936.35 - 971.24	EP B	
936.35 - 971.24	EP PCH W	
936.35 - 971.24	EP VN W	
971.24 - 971.60	CHL P S	
971.24 - 971.60	EP B I	
971.60 - 985.00	EP PCH W	
971.60 - 985.00	EP VN W	
985.00 - 1003.25	EP VN WM	
985.00 - 1003.25	EP INT S	

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

936.35 - 971.40	CP DIS 0.1	associated with ep veinlets
971.40 - 971.60	PY CG 3	
971.60 - 1003.25	PY DIS 0.1	

1003.25 1077.72 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish medium grey colour; fine- to medium-grained; sub-ophilitic partly; consists of <5% qtz, 15-20% plagioclase, 65-70% amphibole, <5% biotite and 3-5% magnetite; contains trace cpy as veinlet or disseminated associated with ep veinlet alteration; strongly ep-carbonate alteration and SDBX brecciation occurs in upper contact area; moderately to strongly magnetic; 1004.63-1005.20: SDBX (1c5), consists of 55-60% greenish light grey colour, coarse-grained FGN clast up to 30cm long, 10% greenish medium grey, fine-grained DIA clasts up to 3cm in size, 20-25% black colour, aphanitic matrix with strongly magnetic; and a few <1.0 to 2.0cm wide SDBX (1a5) also occurs at 1007.19-1007.21m, 1009.43-1099.66m, 1015.02-1015.04m, 1042.10-1042.26m, 1042.90-1043.08m, 1068.05-1069.62m as irregular veinlet with strongly magnetic; two K-feldspar-ep-(carbonate) bands occur at 1037.98 and 1055.05 from 3-9cm wide; 1072.32-1072.80m: greyish or reddish pink colour, coasre-grained FGN; 1072.80-1077.72m: Fine-grained DIA, contains trace, fine-grained, disseminated py (some cpy?) with light coloured ep alteration halo; magnetic susceptibility @ 1006m is 12.9; @ 1010m is 85.4; @ 1016m is 81.1; @ 1019m is 89.1; @ 1023m is 86.6; @ 1028m is 30.8; @ 1032m is 60.7; @ 1036m is 60.0; @ 1040m is 75.8; @

N985716	1015.75	1016.46	0.71	0.00	0.00	0.00	0.01	0.04		
N985717	1037.70	1038.45	0.75	0.00	0.00	0.00	0.02	0.02		
N985718	1073.63	1074.62	0.99	0.00	0.00	0.00	0.01	0.02		
N985719	1074.62	1076.14	1.52	0.00	0.00	0.00	0.02	0.02		

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

1046m is 62.7; @ 1050m is 76.3; @ 1053m is 61.9; @ 1058m is 57.8; @ 1062m is 39.2; @ 1066m is 73.2; @ 1071m is 102; @ 1075m is 85.2; E.O.H

Alteration Maj:	Type/Style/Intensity	Comment
1003.25 - 1009.43	CHL FF WM	
1003.25 - 1009.43	CHL VN W	
1003.25 - 1009.43	EP P M	
1003.25 - 1009.43	EP VN W	
1003.25 - 1009.43	Carb VN WM	
1009.43 - 1071.00	CHL FF W	
1009.43 - 1071.00	EP VN W	
1071.00 - 1077.72	CHL VN W	
1071.00 - 1077.72	Carb VN WM	
1071.00 - 1077.72	EP VN W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
1003.25 - 1015.75	PY DIS 0.1	
1015.75 - 1016.46	CP VN 1	a 7mm wide cpy-ep veinlet;
1016.46 - 1037.70	CP VN 0.1	associated with ep veinlet;
1037.70 - 1038.45	CP DIS 0.5	occurs in the center of K-feldspar-ep-bx vein;
1038.45 - 1072.80	PY FF 0.1	filled in fine fracture and associated with ep-chl veinlets;
1072.80 - 1077.72	PY DIS 0.3	with ep alteration halo;

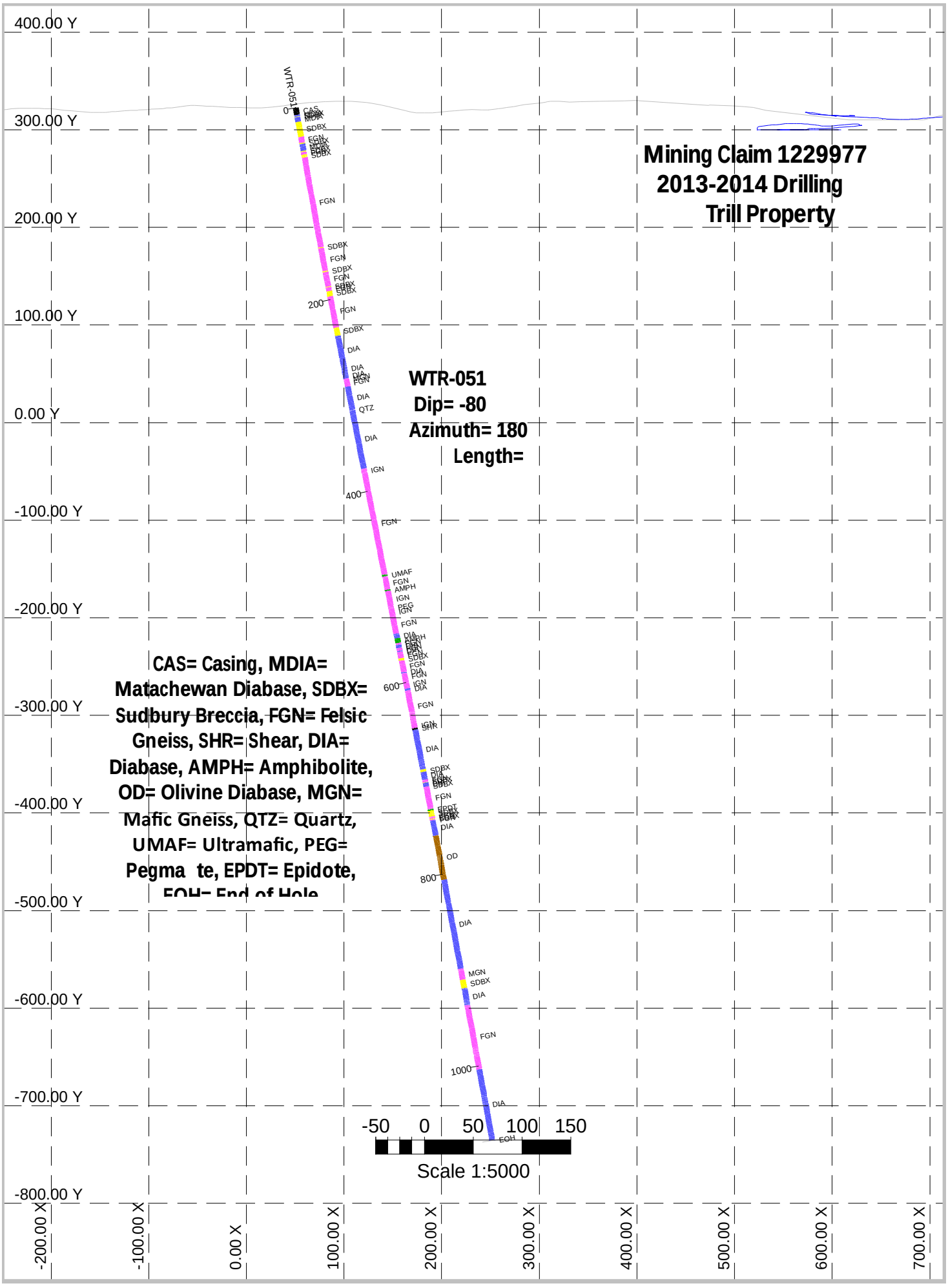
1077.72	1077.73	**EOH**	***End Of Hole***	***Sudbury Breccia :***							

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-051** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)



WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

Drilling
Azimuth: 180
Dip: -45
Length: 702.51
Started: 18-Dec-13
Completed: 17-Jan-14
Logged: 07-Jan-14

Casing
Length: 0
Pulled: no
Capped: yes
Cemented: no

Core
Dimension: NQ
Storage: Core Shed
Section:
Hole Type DD

Location
Township: TRILL
Claim No.: 1229976
NTS:
Hole: SURFACE

Other
Logged by: Jian Xiong
Relog by:
Contractor: Jacob & Samuel Drilling Ltd.
Spotted by: Tom Johnson
Surveyed: yes
Surveyed by: Jesse Bagnell
Geophysics: UTEM
Geophysic Contractor: Lamontagne
Left in hole: Nothing
Making water: no
Multi shot survey: yes

Comment: Surveyed w submeter GeoXH (File"WTR WM_052.cor", WGS84 5147195.3N, 456675.4E, 312.9 HAE)

Coordinate - Gemcom
East: 456661.2
North: 5146972.6
Elev.: 348.9

Coordinate - UTM
East: 0
North: 0
Elev.: 0
Zone: 17 **NAD:** 27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	182.04	-47.18		☑	
10.00	182.02	-46.45	G	☑	
20.00	182.46	-46.77	G	☑	
30.00	182.91	-47.10	G	☑	
40.00	183.11	-47.16	G	☑	
50.00	182.87	-46.68	G	☑	
60.00	183.06	-46.30	G	☑	
68.00	182.50	-46.30	F	☑	Mag: 5524
70.00	182.98	-46.31	G	☑	
80.00	182.98	-46.07	G	☑	
90.00	183.03	-46.08	G	☑	
100.00	183.15	-45.94	G	☑	
110.00	183.19	-45.97	G	☑	

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
119.00	180.80	-45.90	F	☐	Mag: 5520
120.00	183.29	-45.88	G	☑	
130.00	183.25	-45.85	G	☑	
140.00	183.35	-45.76	G	☑	
150.00	183.48	-45.55	G	☑	
160.00	183.72	-45.44	G	☑	
170.00	183.88	-45.59	G	☑	
173.00	183.70	-45.40	F	☐	Mag: 5501
180.00	184.03	-45.39	G	☑	
190.00	184.11	-45.41	G	☑	
200.00	184.31	-45.27	G	☑	
210.00	184.36	-45.26	G	☑	
220.00	184.52	-45.22	G	☑	

WALLBRIDGE MINING COMPANY LIMITED

HEADER REPORT

Hole Number | Project: **TRILL_SCJV** | Project Number: **504**

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
224.00	184.30	-45.20	F	☐	Mag: 5538
230.00	184.72	-45.06	G	☑	
240.00	184.34	-44.62	G	☑	
250.00	183.94	-44.56	G	☑	
260.00	184.04	-44.83	G	☑	
270.00	184.20	-44.52	G	☑	
272.00	181.20	-44.20	F	☐	Mag: 5564
280.00	184.24	-44.32	G	☑	
290.00	184.34	-44.34	G	☑	
300.00	184.41	-44.33	G	☑	
310.00	184.38	-44.24	G	☑	
320.00	184.45	-44.25	G	☑	
323.00	181.80	-44.20	F	☐	Mag: 5576
330.00	184.54	-44.19	G	☑	
340.00	184.53	-43.98	G	☑	
350.00	184.54	-44.01	G	☑	
360.00	184.59	-43.75	G	☑	
370.00	184.42	-43.71	G	☑	
374.00	181.70	-43.60	F	☑	Mag: 5498
380.00	184.51	-43.68	G	☑	
390.00	184.63	-43.45	G	☑	
400.00	184.46	-43.43	G	☑	
410.00	184.60	-43.36	G	☑	
420.00	184.55	-43.55	G	☑	
425.00	182.10	-44.10	F	☑	Mag: 5545
430.00	184.50	-43.71	G	☑	
440.00	184.29	-43.80	G	☑	
450.00	184.28	-43.70	G	☑	
460.00	184.56	-43.37	G	☑	
470.00	184.74	-43.33	G	☑	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
476.00	183.70	-43.30	F	☑	Mag: 5481
480.00	185.10	-43.08	G	☑	
490.00	185.34	-43.34	G	☑	
500.00	185.30	-43.23	G	☑	
510.00	185.41	-43.18	G	☑	
520.00	185.32	-43.04	G	☑	
527.00	176.00	-43.00	F	☑	Mag: 5390
530.00	185.24	-42.94	G	☑	
540.00	185.30	-43.01	G	☑	
550.00	185.14	-43.17	G	☑	
560.00	185.22	-43.08	G	☑	
570.00	185.20	-43.03	G	☑	
580.00	185.08	-43.17	G	☑	
587.00	182.10	-43.00	F	☑	Mag: 5588
590.00	185.30	-42.83	G	☑	
600.00	185.57	-42.95	G	☑	
608.00	186.30	-42.80	F	☑	Mag: 5631
610.00	185.79	-42.89	G	☑	
620.00	185.75	-42.91	G	☑	
630.00	185.93	-42.66	G	☑	
640.00	185.88	-42.95	G	☑	
650.00	185.78	-42.40	G	☑	
659.00	184.50	-42.20	F	☑	Mag: 5485
660.00	185.93	-42.18	G	☑	
670.00	186.30	-42.13	G	☑	
680.00	186.58	-42.09	G	☑	
687.00	186.57	-42.29	G	☑	

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	47.20	**CAS** ***Sudbury Breccia :***									
47.20	79.90	**GR** ***Granite*** ***Sudbury Breccia :***									

Reddish pink colour; porphyritic to pegmatitic; very weakly foliated; weakly shearing; consists of 40-50% light pink to reddish pink colour, pegmatitic alkali feldspars (some are phenocrysts up to 3cm in size), and 5-10% light yellow colour, medium- to coarse-grained plagioclases, and 20-25% white colour, coarse-grained to pegmatitic Qtz, and 10-15% greenish black colour, ep-chl altered biotite and amphiboles, and 3-5% black colour, coarse-grained magneitte, and 1-2% fine- to medium-grained, disseminated py; contains a few of reddish pink colour, qtz-K-feldspar pegmatite dyke up to 80 cm long in the centre; contains two greenish black colour, irregular, SDBX (1c5) veinlets from 1-7mm wide; moderately to strongly magnetic; TCA @ 79.90m is vague;

Alteration Maj:	***Type/Style/Intensity***	***Comment***
47.20 - 79.90	Qtz VN W	
47.20 - 79.90	HE FF W	
47.20 - 79.90	HE P WM	
47.20 - 79.90	CHL INT M	
47.20 - 79.90	EP INT M	
47.20 - 79.90	EP VN W	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
47.20 - 79.90	MAG DIS 4	
47.20 - 79.90	PY DIS 2	
101.01 - 0.00	MAG INT 2	
101.01 - 0.00	PY INT 2	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

79.90 81.60 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; fine-grained; cross-cut by irregular qtz-calcite-(heamatite) veinlet; moderately chl alteration; contains trace, fine-grained py; weakly magnetic; TCA @ 81.6m is vague;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
79.90 - 81.60	HE FF WM	
79.90 - 81.60	CHL P M	
79.90 - 81.60	Carb VN WM	
79.90 - 81.60	Qtz VN WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
79.90 - 81.60	PY F 0.01	

81.60 82.82 **FLT** ***Fault*** ***Sudbury Breccia :***

Possible fault; broken and ground core; heamatite coating along the fratures;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
81.60 - 82.82	Carb VN WM	
81.60 - 82.82	Qtz VN WM	
81.60 - 82.82	HE FF M	

82.82 94.00 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 47.2-79.9m interval; reddish pink colour; porphyritic and pegmatitic partly; weakly sheared;

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

consists of 45-55% light pink to reddish pink colour alkali feldspars (some are phenocrysts up to 4cm in size), and 5-10% pinkish light yellow colour, coarse-grained plagioclases, and 10-15% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, coarse-grained magneitte, and 1-2% fine- to medium-grained, disseminated py; moderately to strongly magnetic; TCA @ 94.00m is 60°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
82.82 - 94.00	CHL FF W	
82.82 - 94.00	Carb FF W	
82.82 - 94.00	HE FF W	
82.82 - 94.00	Carb VN W	
82.82 - 94.00	Qtz VN W	
82.82 - 94.00	EP INT WM	
82.82 - 94.00	CHL INT WM	
169.03 - 0.00	K VN W	
169.03 - 0.00	Carb VN W	
169.03 - 0.00	EP P M	occurs in lower contact area;

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
82.82 - 94.00	MAG DIS 3	
82.82 - 94.00	PY DIS 1	

94.00 101.01 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey to pinkish dark green colour; fine- to medium-grained; 30-40cm long chilled margins occurs at the both of the contacts; possible K-feldspar alteration occurs in the centre; contains trace, cross-cut by qtz-calcite veinlet up 2.0 cm wide; contains trace coarse-grained cpy in the veinlet, and fine-grained py in the dyke; moderately to strongly magnetic; TCA @ 101.01m is 70°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
94.00 - 101.01	CHL F W	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

94.00 - 101.01 Carb FF W
94.00 - 101.01 Carb VN W
94.00 - 101.01 Qtz VN WM
94.00 - 101.01 K P WM
94.00 - 101.01 EP INT W

Mineralization Maj. :	Type/Style/%Mineral	Comment
94.00 - 96.00	PY TR 0.01	
96.00 - 97.00	PY TR 0.01	
96.00 - 97.00	CP CG 0.1	occurs inside qtz-calcite veinlet;
97.00 - 101.01	PY TR 0.01	

101.01 126.90 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 82.82-94m interval; reddish pink colour; porphyritic and pegmatitic partly; weakly sheared partly; consists of 50-55% light pink to reddish pink colour alkali feldspars, K-feldspar phenocrysts up to 3cm in size, and 5-10% pinkish light yellow colour, coarse-grained plagioclases, and 15-20% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, fine-grained magneitte, and trace brown colour garnet, and 1-2% fine- to medium-grained, disseminated, euhedral py; contains 4, dark grey to greyish brown colour SDBX (3C5) up to 2cm wide; moderately to strongly magnetic; TCA @ 126.9m is 80°;

Alteration Maj:	Type/Style/Intensity	Comment
101.01 - 126.90	HE P M	
101.01 - 126.90	HE FF W	
101.01 - 126.90	Qtz VN W	
101.01 - 126.90	CHL INT S	
101.01 - 126.90	EP INT S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
223.31 - 0.00	PY DIS 0.01	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

126.90 129.32 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish black; aphanitic; one 3.0cm wide, greenish black colour, possible SDBX (1A5) occurs at upper contact area with aphanitic matrix; moderately shearing and ep alteration and string of SDBX (?) occurs at lower contact area; contains 1-2% wispy or blebby py; strongly magnetic; TCA @ 129.32m is 70°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
126.90 - 129.32	EP VN W	
126.90 - 129.32	EP B W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
126.90 - 129.32	PN BL 0.5	
126.90 - 129.32	PY WS 0.5	

129.32 134.42 **GR** ***Granite*** ***Sudbury Breccia :***

as same as 101.01-126.9m interval; reddish pink colour; porphyritic; consists of 40-45% light pink to reddish pink colour alkali feldspars, K-feldspar phenocrysts up to 2cm in size, and 10-15% pinkish light yellow colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 15-20% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, fine-grained magneitte, and <1% fine- or coarse-grained, disseminated py; contains 2, reddish dark brown colour SDBX (3C5) up to 5mm wide; moderately to strongly magnetic; TCA @ 134.42m is 65°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
129.32 - 134.42	CHL INT S	
129.32 - 134.42	EP INT S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
129.32 - 134.42	PY INT 1	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

134.42 138.32 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; fine-grained; possible chilled margins up to 5cm wide; contains one 8mm wide, greenish dark green colour SDBX in the centre; contains trace, fine-grained py; moderately to weakly magnetic; TCA @ 138.32m is 55°;

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
134.42 - 138.32	PY DIS 0.01	

138.32 151.98 **GR** ***Granite*** ***Sudbury Breccia :***

as same as 129.32-134.42m interval; reddish pink colour; porphyritic or pegmatitic; consists of 35-40% light pink to reddish pink colour alkali feldspars, K-feldspar phenocrysts up to 4cm in size, and 10-15% pinkish light yellow colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 20-25% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, fine-grained magneitte, and <1% fine-grained, purple colour garnet, and <1% fine-grained, disseminated py; contains 6-7, light brown or reddish dark brown or dark grey colour SDBX (3C5) from 1 to 10mm wide; contains two light greyish colour, fine-to medium-grained granitic xenoliths up to 28cm long and cross-cut by SDBX veinlets; weakly to strongly magnetic; TCA @ 151.98m is 60°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
138.32 - 151.98	GAR INT W	
138.32 - 151.98	CHL INT S	
138.32 - 151.98	EP INT S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
138.32 - 151.00	PY INT 1	

151.98 163.88 **MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Greenish dark colour; porphyritic mainly; consists of 10-15% zoned plagoclase phenocrysts up to 5cm in size, and 10-15%, fine-grained plagoclase, 70-75% medium-grained amphibole and 1-2% fine-grained black colour biotite in the groundmass; 1.2-1.5m long, aphanitic to fine-grained chilled margins occur at contacts; contains four, 0.2-3cm wide, greenish dark grey to black colour, aphanitic SDBX (1A5) in the upper contact and centre; contains trace, disseminated py along healed fractures; non magnetic; TCA @ 163.88m is 65°;

Alteration Maj:	Type/Style/Intensity	Comment
151.98 - 163.00	EP P M	occurs at contact area;
151.98 - 163.00	Carb VN W	
151.98 - 163.00	EP VN W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
151.98 - 163.00	PY DIS 0.01	

163.88 169.03 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 138.32-151.98m interval; pink colour; porphyritic mainly and pegmatitic partly; consists of 40-50% light pink colour alkali feldspars, K-feldspar phenocrysts up to 3cm in size, and 10-15% pinkish light yellow colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 15-20% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, fine-grained magneitte, and 1-2% fine-grained, purple colour garnet, and 1-2% fine-grained, disseminated py; contains one 1.5 cm wide, black colour, aphanitic SDBX in the center; weakly magnetic in contact area and strongly magnetic in the centre; TCA @ 169.03m is 20°;

Mineralization Maj. :	Type/Style/%Mineral	Comment
163.88 - 169.03	PY DIS 2	

169.03 184.05 **MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour, fine- to medium-grained; contains a few of zoned plagioclases phenocrysts up

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

to 1.8cm in size; 30-50cm long, aphanitic chilled margins occur at contacts; contains three, GR fragments from 3 to 70cm long; contains 4-5 sets, greenish black to black colour; aphanitic SDBX (1A5) from 0.2-1.6cm wide, some of the black colour SDBX have strongly magnetic hosted by weakly magnetic MDIA; contains <1% disseminated or veinlet py; weakly magnetic in the contact area and moderately magnetic in the centre; TCA @ 184.05m is vague; 182.20-182.91m: GR; porphyritic; strongly ep alteration; non magnetic; TCA @ 182.20m is 40°, and TCA @ 128.91m is 50°;

Mineralization Maj. :	Type/Style/%Mineral	Comment
169.03 - 180.50	PY VN 0.5	

184.05 223.31 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 138.32-151.98m interval; pink colour; porphyritic mainly and pegmatitic partly; consists of 40-50% light pink colour alkali feldspars, K-feldspar phenocrysts up to 3cm in size, and 10-15% pinkish light yellow colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 15-20% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, fine-grained magneitte, and 1-2% fine-grained, purple colour garnet, and 1-2% fine-grained, disseminated py; contains one 1.5 cm wide, black colour, aphanitic SDBX in the center; weakly magnetic in contact area and strongly magnetic in the centre; TCA @ 169.03m is 20°;

Alteration Maj:	Type/Style/Intensity	Comment
184.05 - 223.31	CHL INT S	
184.05 - 223.31	EP INT S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
184.05 - 223.31	PY DIS 1.5	

223.31 225.50 **UMAF** ***Ultramafic*** ***Sudbury Breccia :***

Possible PYXT; Greyish dark green colour; fine- to medium-grained; consists of 30-40%, medium- to coarse-grained amphibole (pyroxene) as phenocrysts and 50-60% greyish dark green colour, aphanitic matrix; strongly chl alteration; contains a few 2-6mm wide greenish dark grey colour, aphanitic SDBX (?);

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

contains <1% fine-grained and disseminated py; non magnetic; TCA @ 225.5m is vague as healed fault;

Alteration Maj:	Type/Style/Intensity	Comment
223.31 - 225.50	CHL F W	
223.31 - 225.50	CHL P S	
223.31 - 225.50	Carb VN W	
223.31 - 225.50	ACTL P S	occurs in the contact area;

225.50 226.18 **FLT** ***Fault*** ***Sudbury Breccia :***

Healed fault breccia occurs in the centre of the UM (PYXT); greyish dark green colour; brecciated; weakly sheared; the fault breccia mainly is UM and filled by irregular calcite veinlet partly; weakly magnetic; TCA @ 226.18m is vague;

Alteration Maj:	Type/Style/Intensity	Comment
225.50 - 226.18	CHL F M	
225.50 - 226.18	CHL P S	
225.50 - 226.18	Carb VN S	

226.18 227.81 **UMAF** ***Ultramafic*** ***Sudbury Breccia :***

Possible PYXT; As same as 223.31-225.5m; greyish dark green colour; consists of 35-45% coarse-grained amphibole (pyroxene) as phenocrysts, and 50-60% brownish dark green colour, aphanitic, strongly chl altered matrix; weakly to moderately magnetic; no sulphides; TCA @ 227.81 is vague;

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Alteration Maj:	Type/Style/Intensity	Comment
226.18 - 227.81	CHL F W	
226.18 - 227.81	CHL P S	
226.18 - 227.81	Carb VN W	

227.81 239.20 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 184.05-223.31m; reddish pink to pink colour; porphyritic; weakly sheared; consists of 40-50% light pink colour alkali feldspars, K-feldspar phenocrysts up to 2cm in size, and 10-15% pinkish light yellow colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 15-20% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, fine-grained magneitte, and 1-2% fine-grained, purple colour garnet, and 1-2% fine-grained, disseminated py; contains one 10cm long greyish dark green colour UM with 0.2-3cm wide, black colour, aphanitic SDBX (1A5) occurs at margin of the UM; moderately to strongly magnetic; TCA @ 239.20m is 14°;

Alteration Maj:	Type/Style/Intensity	Comment
227.81 - 239.20	CHL INT S	
227.81 - 239.20	EP INT S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
227.81 - 239.20	PY DIS 2	

239.20 242.39 **FLT** ***Fault*** ***Sudbury Breccia :***

Fault zone; severe broken core (partly due very lower angle contact from 0-10°); the FLT zone consists of 40-45% GR and 55-60% UM; healed fault occurs at upper contact area (UM) filled with calcite veinlet; contains a few cm wide greyish dark green colour fault breccia (UM); strongly heamatite coating along the fractures; very weakly magnetic overall; TCA @ 242.39m is unknown due to broken core;

Alteration Maj:	Type/Style/Intensity	Comment

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

239.20 - 242.39 HE F M

242.39 255.40 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 227.81-239.2m; reddish pink colour; porphyritic; weakly sheared; consists of 40-50% light pink colour alkali feldspars, K-feldspar phenocrysts up to 2.5cm in size, and 10-15% pinkish light yellow colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, fine-grained magneitte, and 1-2% fine-grained, purple colour garnet, and <1% fine-grained, disseminated py; contains one 40cm long greyish dark green colour UM from 244.0-244.40m, moderately to strongly magnetic; TCA @ 255.40 m is 70°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
242.39 - 255.40	CHL INT S	
242.39 - 255.40	EP INT S	
242.39 - 255.40	HE P W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
242.39 - 255.40	PY DIS 1	

255.40 259.05 **UMAF** ***Ultramafic*** ***Sudbury Breccia :***

Possible PYXT; As same as 223.31-225.5m; greyish dark green colour, aphanitic to fine-grained; 20-40m long chilled margins occur at both of the contacts; contains two greenish dark grey colour, aphanitic SDBX from 5 to 12mm wide; contains trace, disseminated py; weakly magnetic in the contact area and strongly magnetic in the centre; TCA @ 259.05m is 50°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
255.40 - 259.05	CHL P S	
255.40 - 259.05	Carb VN W	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

255.40 - 259.05 EP VN W

255.40 - 259.05 ACTL P WM

259.05 268.24 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 242.39-255.4m; reddish pink colour; porphyritic; consists of 45-55% reddish pink colour alkali feldspars, K-feldspar phenocrysts up to 3.0cm in size, and 10-15% yellowish pink colour, coarse-grained plagioclases, and 15-20% white colour, coarse-grained Qtz (5-10% in the lower contact area), and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 2-3% black colour, fine-grained magneitte, and 1-2% fine-grained, purple colour garnet, and <1% fine-grained, disseminated py; contains a few 8mm wide cavity along joint sets and filled with calcite and py; contains two 1-2cm wide medium to black colour, aphanitic SDBX (3C5) over 10cm long; moderately to strongly magnetic; TCA @ 268.24m is 40°;

Alteration Maj:	Type/Style/Intensity	Comment
259.05 - 268.24	Carb FF M	
259.05 - 268.24	CHL F W	
259.05 - 268.24	GAR INT M	
259.05 - 268.24	CHL INT S	
259.05 - 268.24	EP INT S	
259.05 - 268.24	Carb VN W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
259.05 - 268.24	PY FG 0.01	
259.05 - 268.24	PY DIS 1	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
268.24	284.12	**OD** ***Olivine Diabase*** ***Sudbury Breccia :*** pinkish medium grey to greyish black colour; fine- to medium-graind; sub-ophilitic; moderately sheared (slickensides); a 20-30cm long, black colour, aphanitic chilled margin occurs at contact; moderated k-feldspar alteration in the centre; a 2.5cm wide BX (possible SDBX, 1C5) with black colour, aphanitic matrix and GR clasts occurs at lower contact; strongly magnetic; TCA @ 284.12m is 60°;									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		268.24 - 284.12 TLC F WM									
		268.24 - 284.12 K PCH M									
		268.24 - 284.12 CHL F M									
		268.24 - 284.12 Carb VN W									
284.12	313.52	**GR** ***Granite*** ***Sudbury Breccia :*** As same as 259.05-268.24m; reddish pink colour; porphyritic, pegmatitic partly; weakly sheared; consists of 45-55% reddish pink to pink colour alkali feldspars, K-feldspar phenocrysts up to 3.2cm in size, and 10-15% yellowish pink to light yellow colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz (5-10% in the upper contact area), and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 1-2% black colour, fine-grained magneitte, and 1-2% fine-grained, purple colour garnet, and <1% fine-grained, disseminated py; contains a 2.0cm wide, greenish dark grey colour, fine-grained DIA at 313.44m; weakly magnetic in the upper contact area and strongly magnetic overall; TCA @ 313.52m is 45°;									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		284.12 - 313.52 GAR INT M									
		284.12 - 313.52 CHL INT S									
		284.12 - 313.52 EP INT S									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		284.12 - 313.52 PY DIS 1									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

313.52 334.26 **NDIA** ***Nipissing Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; medium-grained; over one meter long, greenish dark grey to black colour, aphanitic to fine-grained chilled margin occurs at both contacts; salt-pepper texture in the centre; one 5mm wide, black colour, aphanitic possible SDBX occurs at upper contact; no sulphides; strongly magnetic; TCA @ 334.26m is 65°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
313.52 - 334.26	Carb VN W	
313.52 - 334.26	K Dis W	
313.52 - 334.26	EP P W	
313.52 - 334.26	EP VN WM	

334.26 346.48 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 284.12-313.52m; pink colour; porphyritic; weakly sheared; consists of 45-55% reddish pink to pink colour alkali feldspars, K-feldspar phenocrysts up to 2.8cm in size, and 10-15% yellowish pink to cream colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 1-2% black colour, fine-grained magneitte, and <1% fine-grained, purple colour garnet, and <1% fine-grained, disseminated py; strongly ep alteration in the lower contact area; strongly magnetic overall; TCA @ 346.48m is 40°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
334.26 - 345.80	GAR INT WM	
334.26 - 345.80	CHL INT S	
334.26 - 345.80	EP INT S	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

345.80 - 346.48 EP P I

Mineralization Maj. :	Type/Style/%Mineral	Comment
334.26 - 346.48	PY DIS 1	

346.48 361.09 **UMAF** ***Ultramafic*** ***Sudbury Breccia :***

Possible PYXT; greenish medium grey colour; fine-grained margins, medium-grained centre; strongly ep alteration; consists of 95-97% amphiboles (pyroxene), 1-2% biotite, and 1-2% fine-grained plagioclase, and trace, fine-grained py; contains a GR fragment up to 7 cm long near lower contact, and a few, 2-22mm wide, black or greyish green colour possible SDBX (1A5); a pinkish light grey colour, fine-grained qtz-feldspar aplitic dyke occurs at lower contact; non magnetic; TCA @ 361.09m is 22°;

Alteration Maj:	Type/Style/Intensity	Comment
346.48 - 361.09	CHL P W	
346.48 - 361.09	Qtz VN W	
346.48 - 361.09	Carb VN W	
346.48 - 361.09	EP P M	

Mineralization Maj. :	Type/Style/%Mineral	Comment
346.48 - 361.00	PY FG 0.1	

Texture Maj:	Type	Comment
346.48 - 361.09	MASS	

361.09 373.56 **GR** ***Sudbury Breccia :***

As same as 334.26-346.48m; pink colour; porphyritic; weakly sheared; consists of 45-55% reddish pink to pink colour alkali feldspars, K-feldspar phenocrysts up to 2.5cm in size, and 10-15% yellowish pink to cream colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 1-2% black colour, fine-grained

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

magneitte, and <1% fine-grained, purple colour garnet, and trace, fine-grained, disseminated py; moderately shearing and deformation in the lower contact area; strongly magnetic overall; contains a black colour, aphanitic to fine-grained TRAP from 363.46-363.73m with moderately magnetic; TCA @ 373.56m is 45°;

Alteration Maj:	Type/Style/Intensity	Comment
361.09 - 363.46	GAR INT WM	
361.09 - 363.46	CHL INT S	
361.09 - 363.46	EP INT S	
363.73 - 373.56	GAR INT WM	
363.73 - 373.56	CHL INT S	
363.73 - 373.56	EP INT S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
361.09 - 363.46	PY DIS 0.01	
363.73 - 373.56	PY DIS 0.01	

Texture Maj:	Type	Comment
361.09 - 363.46	PORPH	
363.46 - 363.73	FG	
363.46 - 363.73	APH	
363.73 - 373.56	PORPH	

373.56 378.00 **DIA** ***Sudbury Breccia :***

Greenish dark grey colour, fine-grained with salt-peper texture in the centre; 20-30cm long, greyish green to greenish black colour, aphanitic chilled margins occur at both contacts; a few 4-5mm sized, light grey colour, feldspar (?) phenocrysts occur in the centre of the core; no sulphides; moderately magnetic; TCA @ 378.00m is 55°;

Alteration Maj:	Type/Style/Intensity	Comment
373.56 - 378.00	Carb VN W	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

373.56 - 378.00 EP VN WM

373.56 - 378.00 EP P W

Texture Maj:	Type	Comment
373.56 - 378.00	FG	

378.00 384.93 **GR** ***Sudbury Breccia :***

As same as 361.09-373.56m; pink colour; porphyritic; weakly sheared; consists of 45-55% reddish pink to pink colour alkali feldspars, K-feldspar phenocrysts up to 2.5cm in size, and 10-15% yellowish pink to cream colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 1-2% black colour, fine-grained magneitte, and <1% fine-grained, purple colour garnet, and trace, fine-grained, disseminated py; contains two 10-40cm long, greenish dark grey colour, fine-grained DIA from 379.56-380.0 and 282.16-282.26m, and a 7cm wide, strongly shaered granitic BX from 389.87-384.93m; moderately to strongly magnetic; TCA @ 385m is 50°;

Alteration Maj:	Type/Style/Intensity	Comment
378.00 - 384.93	GAR INT W	
378.00 - 384.93	CHL INT S	
378.00 - 384.93	EP INT S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
378.00 - 384.93	PY F 0.5	
380.00 - 385.00	PY F 0.5	

Texture Maj:	Type	Comment
380.00 - 385.00	PORPH	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
384.93	388.24	**DIA** ***Diabase*** ***Sudbury Breccia :*** Greenish dark grey colour; fine-grained; 30-40cm long, greenish black colour, aphanitic chilled margins occur at both contacts; contains trace, fine-grained py; contains one 3.0cm wide GR inclusion in the lower contact area; non magnetic; TCA @ 388.24m is 45°;										
388.24	443.62	**GR** ***Granite*** ***Sudbury Breccia :*** As same as 378-384.93m; pink colour; porphyritic and pegmatitic partly; weakly sheared; consists of 45-55% reddish pink to pink colour alkali feldspars, K-feldspar phenocrysts up to 2.5cm in size, and 10-15% yellowish pink to cream colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 1-2% black colour, fine-grained magneitte, and <1% fine-grained, purple colour garnet, and trace, fine-grained, disseminated py; contains a few reddish pink colour, pegmatitic dyke from 20-40cm long; moderately to strongly carbonate alteration from 430 to 443.62m; moderately to strongly magnetic overall, and weakly magnetic in the lower contact area; TCA @ 443.62m is 40°;										
443.62	444.30	**DIA** ***Diabase*** ***Sudbury Breccia :*** Greenish medium grey to greenish black colour; fine-grained; 25cm long, aphanitic chilled margin (?) occurs at lower contact; cross-cut by irrgular, light pink colour, coarse-grained calcite-qtz veinlet; moderately to strongly magnetic; TCA @ 444.3m is 30°;										
444.30	444.75	**GR** ***Granite*** ***Sudbury Breccia :***										

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		As same as 430-443.62m interval; reddish pink colour; porphyritic; weakly sheared; strongly carbonate alteration; non magnetic; no sulphides; TCA @ 444.75m is 50°									
444.75	451.12	**DIA** ***Diabase*** ***Sudbury Breccia :*** Greenish dark grey colour; medium-grained; 15-30cm long, greenish dark grey colour, aphanitic chilled margins occur at both contacts; cross-cut by low to high angles calcite veinlets; contains trace, fine-grained py; contains one 10cm long ep-calcite altered GR in lower contact area; strongly magnetic overall; TCA @ 451.12m is vague;									
451.12	456.07	**GR** ***Granite*** ***Sudbury Breccia :*** As same as 388.24-430m interval; reddish pink colour; porphyritic; weakly sheared; consists of 55-60% reddish pink to pink colour alkali feldspars, K-feldspar phenocrysts up to 3.2cm in size, and 5-10% yellowish pink to cream colour, coarse-grained plagioclases, and 20-25% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 1-2% black colour, fine-grained magneitte, and <1% fine-grained, purple colour garnet, and trace, fine-grained, disseminated py; strongly magnetic overall; TCA @ 456.07m is 70°;									
456.07	459.26	**DIA** ***Diabase*** ***Sudbury Breccia :*** Greenish dark grey colour; fine-grained; a 50cm long, greyish dark green colour, aphanitic chilled margin occurs at lower contact area; cross-cut by irregular, very fine calcite-magnetite-chlorite (or k-feldsar) veinlets; trace, fine-grained py occurs in the centre of the veinlets; moderately to strongly magnetic; TCA									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

@ 459.26m is 50°;

459.26 460.12 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 451.12-456.07m interval; reddish pink colour; porphyritic to pegmatitic partly; weakly to moderately sheared; contains trace, fine-grained py; weakly to moderately magnetic; TCA @ 460.12m is vague;

460.12 463.98 **UMAF** ***Ultramafic*** ***Sudbury Breccia :***

Greenish dark grey to greyish black; aphanitic to fine-grained; strongly sheared in the lower contact area; cross-cut by high angle, irregular, carbonate-talc veinlets; weakly magnetic in the both contacts area and strongly magnetic in the centre area; TCA @ 463.98m is 50°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
460.12 - 463.98	MAG P I	
460.12 - 463.98	CHL VN WM	occurs at the magin of carbonate veinlet;
460.12 - 463.98	SERP P WM	
460.12 - 463.98	TLC P WM	
460.12 - 463.98	TLC VN M	
460.12 - 463.98	Carb VN I	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

463.98 473.46 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 430-443.62m interval; greyish light pink colour; porphyritic; weakly sheared and strongly deformation (brecciated) in the upper contact area; strongly carbonate-talc alteration; contains one light cream colour, aphanitic aplitic dyke up to 20cm long; contains two, 2-7mm wide, greenish light grey to medium grey colour; aphanitic SDBX (?) in the centre; contains trace, disseminated py; non to weakly magnetic; TCA @ 473.46m is 60°;

Alteration Maj:	***Type/Style/Intensity***	***Comment***
463.98 - 473.46	EP INT S	
463.98 - 473.46	CHL INT S	
463.98 - 473.46	Carb VN W	
463.98 - 473.46	Carb P S	
463.98 - 473.46	TLC P M	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
463.98 - 473.46	PY DIS 0.2	

473.46 484.92 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; fine-grained margins, and medium-grained center with salt-peper texture; strongly shearing at both contacts; cross-cut by high angles, irregular, carbonate-qtz-veinlets; contains trace, disseminated py associated chl alteration; weakly to strongly magnetic; TCA @ 484.92m (grounded core);

Alteration Maj:	***Type/Style/Intensity***	***Comment***
473.46 - 484.92	CHL VN W	
473.46 - 484.92	Qtz VN W	
473.46 - 484.92	EP PCH W	
473.46 - 484.92	EP P WM	
473.46 - 484.92	Carb VN S	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

473.46 - 484.92 PY DIS 0.2

484.92 605.15 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 388.24-443.62m interval; reddish pink colour; porphyritic and pegmatitic partly; weakly sheared; consists of 50-55% reddish pink to pink colour alkali feldspars, K-feldspar phenocrysts up to 4.0cm in size, and 10-15% yellowish pink to cream colour, coarse-grained plagioclases, and 15-20% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 1-2% black colour, fine-grained magneitte, and <1% fine-grained, purple colour garnet, and trace, fine-grained, disseminated py; contains a few of reddish pink colour, K-feldspar-qtz pegmatitic dyke from 10cm to 250cm long (from 494.04-494.78, 505.41-506.27 and 528.33-530.81m); contains one greenish pink colour, brecciated-sheared and ep altered zone from 507.22-507.56m; contains a few of very narrow, 2-10mm wide and 5-25cm long, reddish light grey to dark grey colour, irregular SDBX (3C5) at 502.39, 502.62, 504.50, 509.20, 524.21, 524.59, 535.82, 555.25, 570.25, 583.00, 578.4, 589.42, 591.81, 601.02 and 603.36m; strongly magnetic overall; TCA @ 605.15m is 70°;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

484.92 - 605.15 HE FF W

484.92 - 605.15 CHL FF W

484.92 - 605.15 GAR INT W

484.92 - 605.15 CHL INT S

484.92 - 605.15 EP INT S

484.92 - 605.15 Qtz VN W

484.92 - 605.15 Carb VN W

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

484.92 - 605.15 PY DIS 0.5

Texture Maj: ***Type*** ***Comment***

484.92 - 605.15 PORPH

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

605.15 605.61 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish black colour; aphanitic to fine-grained; 5-10cm wide chilled margins occur at both contacts with strongly ep alteration (0.6-7cm wide); trace, disseminated py occurs along very fine fractures and some associated with ep alteration; strongly magnetic; TCA @ 605.61m is 80°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
605.15 - 605.61	EP VN W	
605.15 - 605.61	EP B S	occurs at contact area;

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
605.15 - 605.61	PY DIS 0.5	

605.61 608.18 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 484.9-605.15m interval; reddish pink colour; porphyritic and pegmatitic partly; weakly sheared; contains trace, fine-grained py; moderately to strongly magnetic overall; TCA @ 608.18m is 35° (on slickenside);

Alteration Maj:	*Type/Style/Intensity*	*Comment*
605.61 - 608.18	GAR INT W	
605.61 - 608.18	EP FF S	
605.61 - 608.18	CHL INT S	
605.61 - 608.18	EP INT S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
605.61 - 608.18	PY DIS 0.01	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

608.18 608.75 **FLT** ***Fault*** ***Sudbury Breccia :***

A fault zone possiblely occurs in the contact area; brownish red or greenish dark grey colour; moderately sheared; rock types are mainly GR with strongly fractured and deformed; contains three <cm wide, greenish dark grey colour, fault gouge; moderately hematitization on F-feldspar; moderately magnetic; TCA @ 608.75m is 70° (on slickenside);

Alteration Maj:	*Type/Style/Intensity*	*Comment*
608.18 - 608.75	CHL INT S	
608.18 - 608.75	EP INT S	
608.18 - 608.75	CHL F M	
608.18 - 608.75	HE P M	
608.18 - 608.75	Carb VN W	
608.18 - 608.75	Carb FF W	

608.75 611.20 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***

Reddish pink or greenish dark grey colour; brecciated and fractured; the SDBX (3C5 to 3C4) consists of 50-55% GR blocks (from 30-90cm long), 5-10% GR clasts (from 0.1-6.5cm) and 30-35% greenish dark grey or black colour, aphanitic to fine-grained matrix; well developed joint set at 50-60° and 25-35° and 80-85°; the SDBX matrix has strongly magnetic; TCA @ 611.2m is 28°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
608.75 - 611.20	HE F WM	
608.75 - 611.20	CHL INT S	
608.75 - 611.20	EP INT S	
608.75 - 611.20	Carb F M	
608.75 - 611.20	CHL F M	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

611.20 630.20 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Reddish pink colour; coarse-grained and pegmatitic partly; moderately sheared; partial melted; contains K-feldspar-qtz pegmatitic dyke from 9-30cm long; trace py occurs along the ep veinlets; non magnetic; TCA @ 649.45m is 55°;

630.20 631.18 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greyish black colour; ahpanitic; chilled margins occur at both conacts; cross-cut by irregular and very fine ep veinlet; contains 1% disseminated py; strongly magnetic; TCA @ 663.21m is 60.0°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
611.20 - 649.45	BIO INT WM	
611.20 - 649.45	EP VN W	
611.20 - 649.45	EP INT S	
630.20 - 631.18	EP VN WM	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
611.20 - 649.45	PY DIS 0.01	
630.20 - 631.18	PY DIS 0.5	

Texture Maj:	*Type*	*Comment*
611.20 - 649.45	PRBL	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
631.18	649.45	**GR** ***Granite*** ***Sudbury Breccia :***									

as same as 611.2-630.2m interval; reddish pink to light pink colour; coarse-grained and partly pegmatitic; moderately sheared; partial melted; contains two greenish dark grey colour, aphanitic DIA from 633.34-633.49m and 649.26-649.34m with strongly magnetic; contains a reddish pink colour; porphyritic GR from 637.40-639.43m with trace fine-grained py; contains a 5mm wide, reddish dark grey colour; SDBX (3C5) at 645.9m; non to weakly magnetic overall; TCA @ 649.45m is 60°;

Alteration Maj:	***Type/Style/Intensity***	***Comment***
631.18 - 649.45	BIO INT WM	
631.18 - 649.45	Carb VN W	
631.18 - 649.45	EP VN W	
631.18 - 649.45	EP INT S	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
637.40 - 639.43	PY DIS 0.5	

649.45	663.21	**DIA** ***Diabase*** ***Sudbury Breccia :***									

Greenish dark grey colour; medium-grained with salt-peper texture; 20-30cm long, greyish black colour, aphanitic chilled margins occur at both contacts with strongly magnetic and weakly magnetic in the center; a poosible later, greyish dark green colour, aphanitic DIA occurs from 657.92-661.73m with magnetic, the later DIA contacted by a 4cm wide, greenish dark grey colour, aphanitic BX at 661.73m; contains trace, disseminated py; TCA @ 663.21m is 60°;

Alteration Maj:	***Type/Style/Intensity***	***Comment***
649.45 - 663.21	EP INT W	
649.45 - 663.21	EP B W	
649.45 - 663.21	EP VN WM	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
649.45 - 663.21	PY DIS 0.1	

Hole Number **WTR-052** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

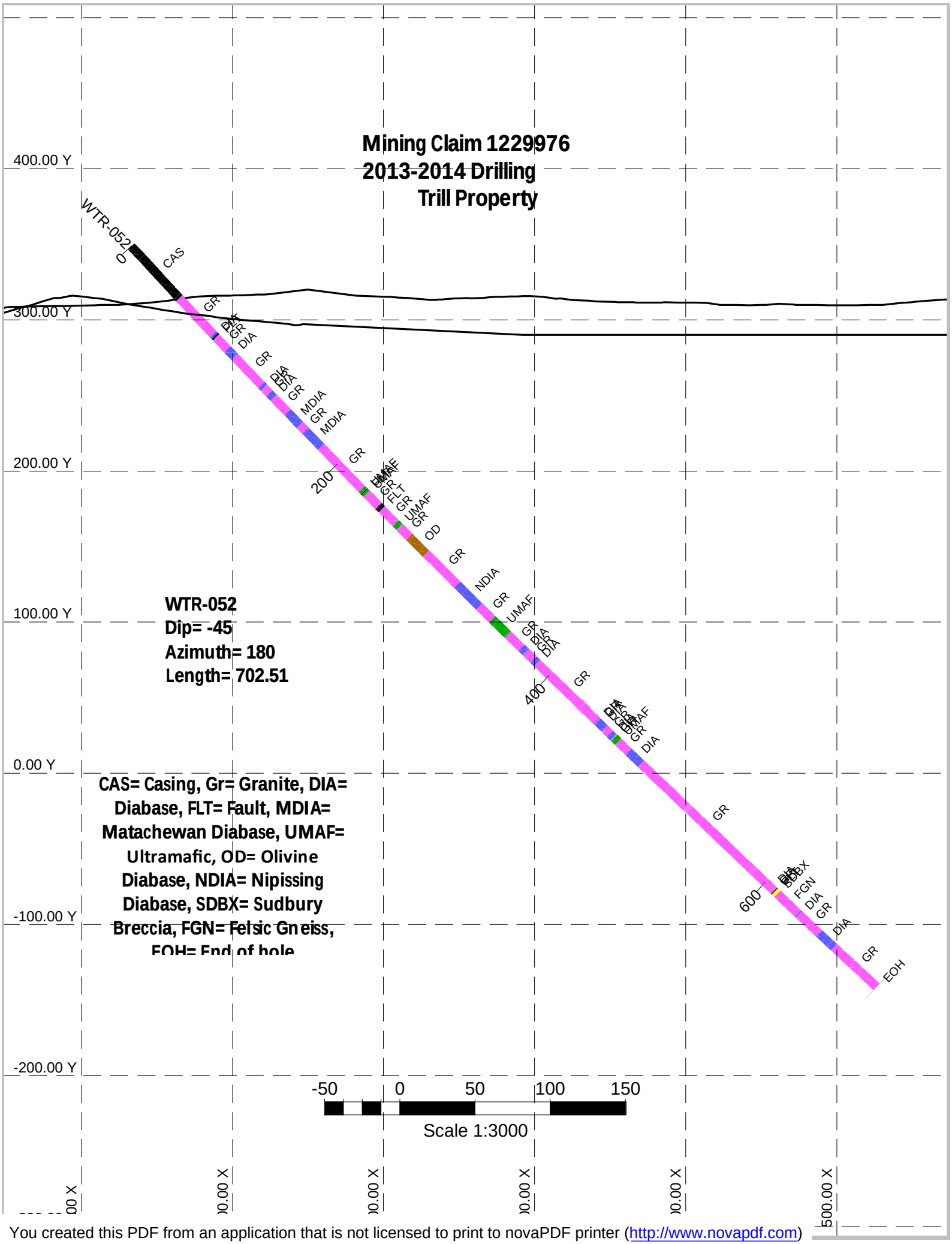
663.21 702.50 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 484.92-605.15m interval; reddish pink colour; porphyritic and pegmatitic partly; weakly sheared; consists of 50-55% reddish pink to pink colour alkali feldspars, K-feldspar phenocrysts up to 3.0cm in size, and 10-15% yellowish pink to cream colour, coarse-grained plagioclases, and 15-20% white colour, coarse-grained Qtz, and 10-15% greenish black colour, strongly ep-chl altered biotite and amphiboles, and 1-2% black colour, fine-grained magneitte, and <1% fine-grained, purple colour garnet, and trace, fine-grained, disseminated py; contains a few of reddish pink colour, K-feldspar-qtz pegmatitic dyke from 6.0 to 40cm long; strongly magnetic overall;

Alteration Maj:	***Type/Style/Intensity***	***Comment***
663.21 - 702.50	GAR INT W	
663.21 - 702.50	CHL INT S	
663.21 - 702.50	EP INT S	
663.21 - 702.50	EP VN W	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
663.21 - 702.50	PY DIS 0.1	

702.50 702.51 **EOH** ***End of Hole*** ***Sudbury Breccia :***



WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-053** Project: **TRILL_SCJV** Project Number: **504**

Drilling

Azimuth:	180
Dip:	-45
Length:	440.21
Started:	20-Jan-14
Completed:	26-Jan-14
Logged:	23-Jan-14

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	TOTTEN
Claim No.:	1167121-LE
NTS:	
Hole:	SURFACE

Other

Logged by:	Jian Xiong
Relog by:	
Contractor:	Jacob & Samuel Drilling Ltd.
Spotted by:	Tom Johnson
Surveyed:	yes
Surveyed by:	Wallbridge-Other
Geophysics:	UTEM
Geophysic Contractor:	Lamontagne
Left in hole:	Nothing
Making water:	no
Multi shot survey:	yes

Comment: Surveyed w submeter GeoXH (File"WM_020413A.cor", WGS84 5147416.1N, 455254.2E, 327.7 HAE)

Coordinate - Gemcom

East:	455240
North:	5147193.4
Elev.:	363.7

Coordinate - UTM

East:	0
North:	0
Elev.:	0
Zone:	17
NAD:	27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-45.00	C	☑	
10.00	180.51	-48.37	G	☑	
20.00	180.83	-47.67	G	☑	
29.00	179.40	-47.40	F	☐	Mag: 5544
30.00	181.45	-47.47	G	☑	
40.00	181.85	-47.40	G	☑	
50.00	182.13	-47.21	G	☑	
60.00	182.83	-46.68	G	☑	
70.00	183.07	-46.48	G	☑	
80.00	183.44	-45.98	G	☑	
80.01	182.50	-45.90	F	☐	Mag: 5624
90.00	183.60	-45.95	G	☑	
100.00	183.70	-45.64	G	☑	

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
110.00	183.79	-45.32	G	☑	
120.00	184.09	-44.82	G	☑	
130.00	183.73	-44.97	G	☑	
131.00	183.80	-44.70	F	☐	Mag: 5534
140.00	183.89	-44.71	G	☑	
150.00	183.84	-44.66	G	☑	
160.00	183.88	-44.72	G	☑	
170.00	183.84	-44.39	G	☑	
180.00	183.79	-44.42	G	☑	
182.00	183.30	-44.40	F	☐	Mag: 5518
190.00	183.84	-44.39	G	☑	
200.00	183.85	-44.54	G	☑	
210.00	183.95	-44.11	G	☑	

WALLBRIDGE MINING COMPANY LIMITED

HEADER REPORT

Hole Number | Project: **TRILL_SCJV** | Project Number: **504**

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
220.00	184.01	-44.17	G	☑	
230.00	183.83	-44.23	G	☑	
233.00	182.40	-43.90	F	☐	Mag: 5520
240.00	184.13	-44.06	G	☑	
250.00	184.23	-43.78	G	☑	
260.00	184.27	-43.67	G	☑	
270.00	184.43	-43.60	G	☑	
280.00	184.39	-43.32	G	☑	
284.00	182.90	-43.30	F	☐	Mag: 5546
290.00	184.56	-43.47	G	☑	
300.00	184.57	-43.12	G	☑	
310.00	184.75	-43.13	G	☑	
320.00	184.79	-43.18	G	☑	
330.00	184.88	-43.09	G	☑	
335.00	182.90	-42.70	F	☐	Mag: 5570
340.00	184.95	-42.81	G	☑	
350.00	184.95	-42.96	G	☑	
360.00	184.92	-43.00	G	☑	
370.00	184.96	-42.56	G	☑	
380.00	184.97	-42.45	G	☑	
386.00	184.80	-42.50	F	☐	Mag: 5540
390.00	184.97	-42.33	G	☑	
400.00	184.78	-42.40	G	☑	
410.00	184.74	-42.21	G	☑	
420.00	184.69	-42.02	G	☑	
430.00	184.83	-41.68	G	☑	

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-053** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	12.90	**CAS** ***Casing*** ***Sudbury Breccia :***									
		casing to 13.5m;									
12.90	19.60	**DIA** ***Diaba*** ***Sudbury Breccia :***									
		Greenish dark grey colour; medium-grained, sub-ophilitic and salt-peper texture partly; a 30cm long, greenish medium grey colour, fine-grained chilled margin occurs at lower contact with strongly ep alteration; contains <1% lath plagioclase up to 3x20mm in size, an a few granitic inclusions up to 2x4cm in size; contains trace, disseminated py; non magnetic; CTA 19.6m is 40°.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		19.40 - 19.60 EP P S									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		12.90 - 19.60 PY DIS 0.5									
19.60	22.90	**GR** ***Granite*** ***Sudbury Breccia :***									
		Reddish pink colour; porphyritic; weakly sheared; fracture coated with hematite; strongly ep-chl alteration interstitialy; contains 1-2% disseminated py; strongly magnetic in the center and very weakly magnetic near the contacts; TCA @ 22.9m is 40°;									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		19.60 - 22.90 GAR INT WM									
		19.60 - 22.90 HE FF M									
		19.60 - 22.90 HE P W									
		19.60 - 22.90 CHL INT S									
		19.60 - 22.90 EP INT S									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

19.60 - 22.90 PY DIS 1

22.90 32.19 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; fine-grained, salt-peper texture partly; 20-40cm long, greyish dark green colour, aphanitic chilled margins occur at both contacts with moderately ep or chl alteration; contains trace, fine- to medium-grained py occurs in the dyke or along the joints, and very fine-grained cpy occurs along healed fractures; moderately to strongly magnetic overall; TCA @ 32.19m 80°;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

22.90 - 23.00 EP B S

23.00 - 32.00 CHL P W

23.00 - 32.00 EP VN W

32.00 - 32.19 CHL P S

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

22.90 - 32.19 PY FF 0.1

22.90 - 32.19 PY FG 0.01

22.90 - 32.19 CP FG 0.01

32.19 69.60 **GR** ***Granite*** ***Sudbury Breccia :***

Reddish pink to pink colour; porphyritic and pegmatitic partly; weakly sheared overall, moderatey sheared 69.12-69.22m; strongly ep-chl alteration intersititialy; contains four, greenish dark grey colour, aphanitic to fine-grained DIA (weakly to moderately magnetic) from 37.56-37.60, 56.82-57.00, 63.26-63.36 and 67.24-67.44m; contains 0.5-3cm wide and 5-26cm long, greenish dark grey to greyish black colour SDBX (3C5) at 42.12, 46.40, 61-61.26, 69.08m; contains trace, a few coarse-grained py occur at upper contact (within a 2-3cm wide zone contains about 5-10% py woith red colour K-feldspar), and disseminated py overall;

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

moderately to strongly magnetic; TCA @ 69.60m is 60°;

Alteration Maj:	Type/Style/Intensity	Comment
32.19 - 69.60	HE FF W	
32.19 - 69.60	CHL F W	
32.19 - 69.60	GAR INT WM	
32.19 - 69.60	CHL INT S	
32.19 - 69.60	EP INT S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
32.19 - 69.60	PY DIS 0.5	

69.60 70.39 **MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour, porphyritic; consists of 10% white to light cream colour, zoned plagioclase phenocrysts up to 2.0cm in size, and 90% greenish dark grey colour, aphanitic groundmass, and trace, fine-grained py; weakly magnetic overall; TCA @ 70.39 is vague;

Alteration Maj:	Type/Style/Intensity	Comment
69.60 - 70.39	EP B S	2cm wide zone occurs at upper contact area;
69.60 - 70.39	EP P WM	

Mineralization Maj. :	Type/Style/%Mineral	Comment
69.60 - 70.39	PY FG 0.01	

70.39 86.27 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 32.19-69.6m; reddish pink to light pink colour; porphyritic; weakly sheared overall, strongly ep-chl alteration intersititialy; contains one 2-4mm wide and 35cm long, greenish dark grey colour, SDBX (3C5) at 72m; a partial melt transtion zone occurs at lower contact from 85.23-86.27m, a light pink colour, fine-grained QD (LQD ?) occurs around K-feldspar-plagioclase-qtz grains in the GR and the QD (LQD)

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

gradationally increased and formed IQD near the lower contact; contains <1%, dissemined and fine-grained py overall; moderately to strongly magnetic overall; TCA @ 86.27m is vague (gradational

Alteration Maj:	Type/Style/Intensity	Comment
70.39 - 85.23	GAR INT WM	
70.39 - 85.23	EP VN W	
70.39 - 85.23	CHL INT S	
70.39 - 85.23	EP INT S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
70.39 - 86.27	PY DIS 0.5	

Minor Interval:

85.23 86.27 TRZN *Transition Zone*

Greyish pink colour; brecciated partly; a light pink colour, fine-grained QD (LQD) occurs around the margins of K-feldspar-plagioclase-qtz grains in the GR and gradationally increased to form the IQD near the lower contact; the magnetic gradually decreased from moderately to non toward the lower contact; the relicts (or inclusions) of K-feldspar, plagioclase and qtz in the QD (LQD) matrix have the same orientation as in the GR;

86.27 92.01 **QD** ***Quartz Diorite*** ***Sudbury Breccia :***

Pinkish medium grey to medium grey colour; fine- to medium-grained QD (LQD?); brecciated partly; consists of 2-5% felsic (K-feldspar-plagioclase-Qtz of the GR) inclusions from 0.5 to 11cm in size, and 95-98% qd matrix with acicular amphibole, and trace, very fine-grained py; contains two pink colour, 3-4mm wide granophyre micro-dyke; contains two dark grey colour, IQD (MTBX?) from 5 to 22cm long (this MTBX/IQD contains a few cm size QD melt pods and 2-3% felsic clasts); non magnetic overall; TCA @ 92.01m is 55°;

Alteration Maj:	Type/Style/Intensity	Comment
86.27 - 92.01	CHL F WM	
86.27 - 92.01	EP P M	

Hole Number **WTR-053** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		86.27 - 92.01 HE P W									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		86.27 - 92.01 PY TR 0.01									
		Texture Maj: ***Type*** ***Comment***									
		86.27 - 92.01 MASS									
92.01	107.47	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***	N985720	95.87	96.43	0.56	0.00	0.00	0.01	0.01	0.00
		Possible matrix mixed with MTBX and QD (?); greenish dark grey colour; brecciated; partial melted; consists of 5-10% reddish pink to light grey colour, GR and GN clasts or blacks, and 20-30% greenish dark grey to greyish black colour, UM or MDIA clasts and blocks, and <1% dark grey colour, fine-grained QD pods, and 40-45% aphanitic to very fine-grained (some as fine-grained QD) matrix, and 3-5%, pink or white colour, coarse-grained, sub-rounded felsic clasts (qtz-feldspars) in cm size, and trace, disseminated fine-grained py and cpy; contains a few pink colour, mm wide, irregular granophyre microdykes; non magnetic; TCA @ 107.47m is 50°;	N985721	96.43	97.03	0.60	0.00	0.00	0.00	0.00	0.00
			N985722	97.03	97.66	0.63	0.00	0.01	0.00	0.01	0.02
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		92.01 - 107.47 EP VN W									
		92.01 - 107.47 EP P W									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		92.01 - 107.00 CP TR 0.01									
		92.01 - 107.00 PY TR 0.01									
		Minor Interval:									
		99.45 100.51 UMAF *Ultramafic*									
		Greenish dark grey colour, porphyritic; strongly magnetic;									

Hole Number **WTR-053** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Minor Interval: 101.65 102.57 MDIA *Matachewan Diabase* Greenish medium to white colour; strongly deformation; partial melted; non to weakly magnetic; **Minor Interval:** 106.27 107.07 FGN *Felsic Gneiss* Medium grey or reddish pink colour; coarse-grained, gneissic mainly and pegmatitic partly; non magnetic;									
107.47	108.49	**QD** ***Quartz Diorite*** ***Sudbury Breccia :*** As same as 86.27-92.01m; pinkish medium grey colour; medium-grained (LQD ?); consists of 1% felsic (K-feldspar-Qtz from the GR) inclusions from 0.5 to 1.2cm in size, and 99% qd matrix with acicular amphibole, and trace, very fine-grained py; non magnetic overall; TCA @ 108.49m is gradational; ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 107.47 - 108.49 EP P W ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 107.47 - 108.49 PY TR 0.01	N985723	107.43	108.49	1.06	0.00	0.00	0.00	0.01	0.00
108.49	123.70	**GR** ***Granite*** ***Sudbury Breccia :*** As same as 70.39-86.27m; reddish pink to light pink colour; porphyritic and pegmatitic partly; weakly sheared overall, strongly ep-chl alteration intersititialy; contains one 1.2cm wide, greenish dark grey colour, SDBX (3C5) at 123.45m; a partial melt transtion zone occurs at upper contact from 108.49-109.58m, the pinkish light grey colour, fine-grained QD (LQD ?) occurs around the K-feldspar-qtz grains in the GR and gradually decreased form the contact; contains <1%, dissemined and fine-grained py overall; moderately to strongly magnetic overall; TCA @ 123.7m is 65°; ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 108.49 - 109.58 PY CL 5 109.58 - 123.70 PY DIS 0.5	N985724 N985725	108.49 109.07	109.07 110.02	0.58 0.95	0.02 0.00	0.18 0.00	0.40 0.00	0.08 0.00	0.05 0.00

Hole Number **WTR-053** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Minor Interval:

108.49 109.58 TRZN *Transition Zone*

Pinkish light grey colour; brecciated and partial melted; the fine-grained QD (LQD?) as a matrix occurs around the K-feldspar-plagioclase-qtz grains in the GR and gradually decreased from the contact; contains 5% coarse-grained py as clasts; non to moderately magnetic overall; the relicts (or inclusions) of K-feldspar, plagioclase and Qtz in the QD (LQD) matrix have the same orientation as in the GR; TCA @ 109.58m is gradational;

123.70 124.59 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish black colour; fine-grained; contains trace disseminated py; strongly magnetic; TCA @ 124.59m is 60°

Alteration Maj:	*Type/Style/Intensity*	*Comment*
123.70 - 124.59	BIO P WM	
123.70 - 124.59	CHL P W	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
123.70 - 124.59	PY DIS 0.01	

124.59 177.18 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 109.58-123.70m; Reddish pink to pink colour; porphyritic and pegmatitic partly; weakly sheared; strongly ep-chl alterations for amphibole and biotite, and moderately garnet alteration interstitialy; contains four greenish dark grey colour, fine-grained DIA at 158.90-159.12, 166.21-166.41, 168.36-168.44 and 171.68-171.71m; two, 1-4cm wide, greenish dark grey colour, aphanitic SDBX (3C5) occurs at 124.59 and 126.22m; a strongly sheared zone occurs from 170.95-171.05m; a 2-4cm wide, BX (possible SDBX) occurs from 173.36-173.66m with moderately chl-calcite alteration; contains trace disseminated py; strongly magnetic overall; TCA @ 177.18m is 70°;

Alteration Maj:	*Type/Style/Intensity*	*Comment*
124.59 - 177.18	GAR INT WM	
124.59 - 177.18	CHL INT S	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

124.59 - 177.18 EP INT S

124.59 - 177.18 Carb VN W

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

124.59 - 177.18 PY DIS 0.5

177.18 178.36 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; fine-grained; 8-10cm wide, aphanitic chilled margins occur at both contacts; moderately ep-chl alterations; trace, coarse-grained py occurs along the joints; strongly magnetic; TCA @ 178.36m is 60°;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

177.18 - 178.36 HE FF

177.18 - 178.36 Carb VN W

177.18 - 178.36 EP P WM

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

177.18 - 178.36 PY CG 0.01

178.36 214.86 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 124.59-177.18m; reddish pink to pink colour; porphyritic and pegmatitic partly (pink colour, K-feldspar-qtz pegmatite dyke up to 35cm Long); weakly sheared; strongly ep-chl alterations for amphibole and biotite, and moderately garnet alteration interstitialy; a greenish dark grey colour, fine-grained DIA occurs from 212.86-213.18m (non magnetic); moderately to strongly magnetic overall; TCA @ 214.86m is 50°;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

178.36 - 214.86 CHL FF W

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

178.36 - 214.86 GAR INT WM

178.36 - 214.86 HE FF W

178.36 - 214.86 Carb VN W

178.36 - 214.86 CHL INT S

178.36 - 214.86 EP INT S

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

178.36 - 214.86 PY DIS 0.5

214.86 237.00 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; fine- to medium-grained, salt-peper texture mainly and porphyritic texture from 230-237m; fine-grained margin up to 50cm long; a 8mm wide SDBX occurs at 230m; contains 2-3% lath, plagioclase phenocrysts up to 4cm long, and a 8cm long GR fragment 230.03m; contains a few grains (2-3%), coarse-grained py along a joint or whitin the GR fragment from 230-230.20m; non magnetic from 214.86-230m and moderately magnetic from 230.00-237.00m (two dykes ?); TCA 237.00m is 65°;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

214.86 - 237.00 EP P W

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

230.00 - 230.20 PY DIS 3

237.00 301.80 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 178.36-214.86m; reddish pink colour; porphyritic and pegmatitic partly (with a few pegmatite dyke up to 25cm long); contains 3, greenish dark grey to greyish black colour, fine-grained (porphyritic partly) DIA from 291.31-291.35, 295.14-295.49 and 301.64-301.70m (with strongly magnetic), and a few 2-8mm wide SDBX; contains <1% disseminated py and trace fine-grained cpy (near the dyke contacts); strongly magnetic overall; TCA @ 301.8m is 45°;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

237.00 - 301.80 Carb FF W

237.00 - 301.80 CHL FF W

237.00 - 301.80 Carb VN W

237.00 - 301.80 GAR INT WM

237.00 - 301.80 CHL INT S

237.00 - 301.80 EP INT S

Mineralization Maj. :	Type/Style/%Mineral	Comment
237.00 - 301.80	CP TR 0.01	near the contacts of the the DIA;
237.00 - 301.80	PY DIS 0.5	

301.80 307.60 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour, medium-grained with salt-peper texture, about 30cm long, ep altered chilled margin occurs at upper contact; a 5-6 cm wide, greenish or greyish black colour, weakly sheared SDBX (1A5) occurs at lower contact (with strongly magnetic); contains trace, fine-grained py and cpy; non magnetic overall; TCA @ 307.6m is vague;

Alteration Maj:	Type/Style/Intensity	Comment
301.80 - 307.60	EP P WM	

Mineralization Maj. :	Type/Style/%Mineral	Comment
301.80 - 307.60	PY FG 0.01	
301.80 - 307.60	CP FG 0.01	

307.60 315.40 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***

SDBX (1A5 mainly) zone; brecciated; consists of 5-10% greenish red colour, pegmatitic GR clasts from 4-30cm in size, and 45-55% greenish dark grey colour, medium-grained DIA blocks or clasts from 15-150cm in size, and 30-35% greenish dark grey colour, aphanitic matrix, and 1-2% white colour, medium-

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

grained (mm sized) felsic clasts, and trace, fine-grained py; non magnetic overall, but the SDBX from 312.90-313.10 has a very strongly magnetic and posible sheared; TCA @ 315.40m is 70°;

Alteration Maj:	Type/Style/Intensity	Comment
307.60 - 315.40	EP VN W	
307.60 - 315.40	HE FF W	
307.60 - 315.40	EP INT M	
307.60 - 315.40	CHL B WM	
307.60 - 315.40	Carb VN W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
307.60 - 315.40	PY FG 0.02	

Minor Interval:

311.77 312.09 GR *Granite*

Reddish green colour; brecciated; strongly chl alteration; contains trace, fine-grained; non magnetic;

Alteration Min:	Type/Style/Intensity	Comment
311.77 - 312.09	CHL INT S	
311.77 - 312.09	EP INT WM	

Mineralization Min:	Type/Style/%Mineral	Comment
311.77 - 312.09	PY TR 0.01	

Minor Interval:

312.23 312.90 DIA *Diabase*

Greenish dark grey colour, medium-grained; salt-peper texture; moderated to strongly ep alteration at contact area; non magnetic;

Alteration Min:	Type/Style/Intensity	Comment
312.17 - 312.90	EP INT M	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Minor Interval:

313.10 314.68 DIA *Diabase*

As same as 312.17-312.09m; medium-grained; salt-peper texture; moderately ep alteration near the contact area; no magnetic;

Alteration Min:	Type/Style/Intensity	Comment
313.10 - 314.68	EP INT M	

315.40 358.59 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 237.00-301.80m; reddish pink colour; porphyritic and pegmatitic partly (K-feldspar-qtz pegmatite dyke up to 65cm long); weakly sheared partly; contains a few mm wide, black colour SDBX (3C5), and a greenish dark grey colour, aphanitic DIA (with strongly magnetic) from 330.87-331.73m; contains trace, fine-grained py overall; strongly magnetic overall; TCA @ 258.59 is 70°;

Minor Interval:

330.87 331.73 DIA *Diabase*

Greenish dark grey to greyish black colour; aphantic; moderately ep alteration along the joints; contains 1-2% disseminated py; strongly magnetic; TCA @ 330.87 is 50° and @ 331.73m is 70°;

Alteration Min:	Type/Style/Intensity	Comment
330.87 - 331.73	EP F M	

Mineralization Min:	Type/Style/%Mineral	Comment
330.87 - 331.73	PY F 0.5	
330.87 - 331.73	PY DIS 1	

358.59 363.13 **DIA** ***Diabase*** ***Sudbury Breccia :***

Greenish dark grey colour; fine-grained at margins and medium-grained in the centre with salt-peper texture; weakly cross-cut by qtz-calcite (heamatite) veinlets; contains trace, course-grained py occurs at lower contact area and associated with calcite veinlt; non magnetic; TCA @ 363.13m is vague;

Alteration Maj:	Type/Style/Intensity	Comment

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

358.59 - 363.13 CHL F W

358.59 - 363.13 HE VN W

358.59 - 363.13 Qtz VN W

358.59 - 363.13 Carb VN WM

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

362.83 - 363.13 PY DIS 1

363.13 440.20 **GR** ***Granite*** ***Sudbury Breccia :***

As same as 315.4-358.59m; reddish pink colour; porphyritic; pegmatitic partly with many pink colour, qtz-K-feldspar pegmatite dyke up to 1.0m long; weakly sheared partly; contains a greenish dark grey colour, porphyritc MDIA from 376.76-377.60m; contains trace, fine-grained py; strongly magnetic overall;

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

363.13 - 440.20 CHL F W

363.13 - 440.20 GAR INT WM

363.13 - 440.20 Carb VN W

363.13 - 440.20 CHL INT S

363.13 - 440.20 EP INT S

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

363.13 - 440.20 PY FG 0.5

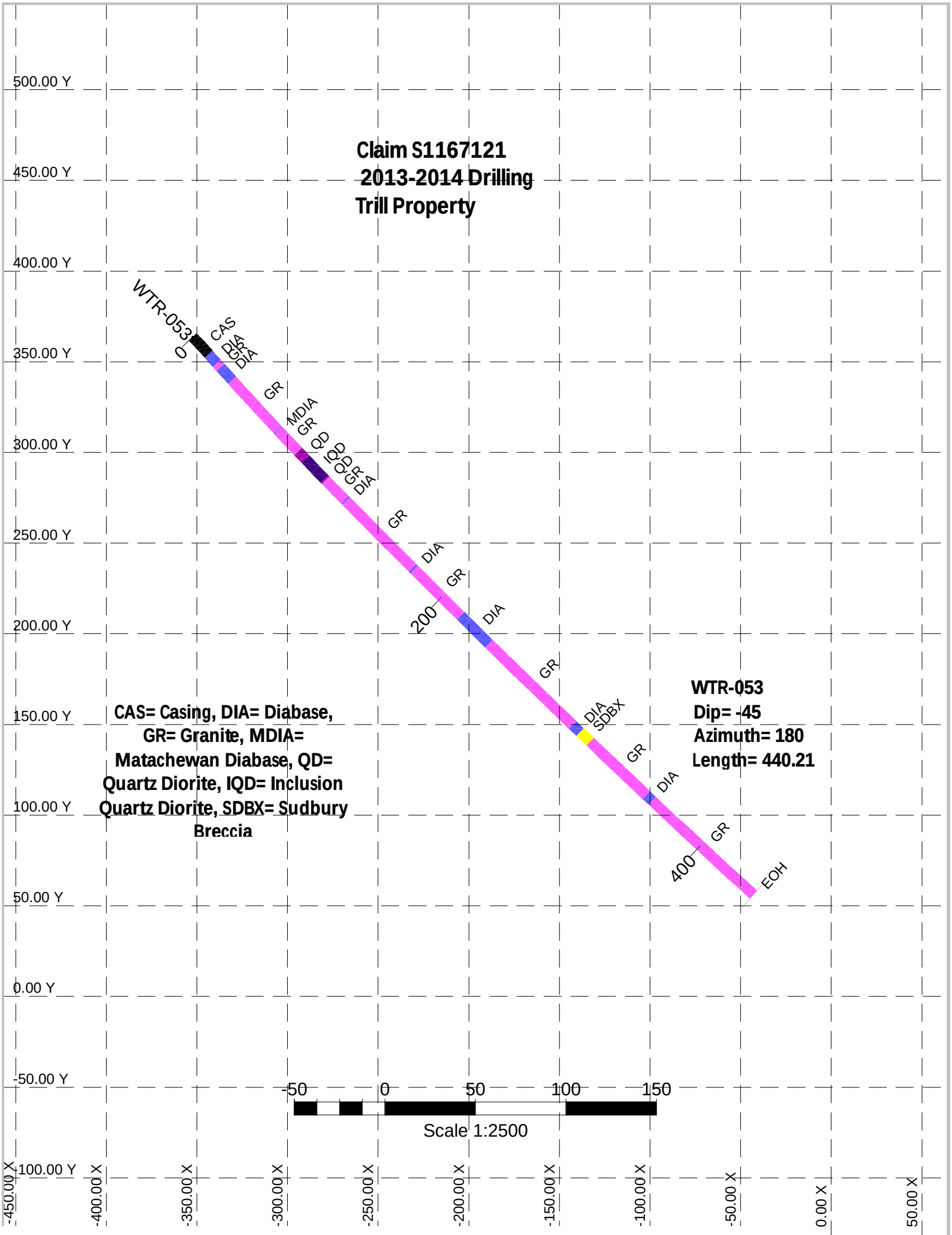
Minor Interval:

376.76 377.60 MDIA *Matachewan Diabase*

Greenish dark grey colour, porphyritic; contains 2-3% white colour, feldspars phenocrysts up to 8mm in size, a possible 2-3cm wide SDBX (3C5) with moderately magnetic; contains trace disseminated py near the SDBX; TCA @ 376.76m is 50° and @ 377.6m is 70°;

Hole Number **WTR-053** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Alteration Min: ***Type/Style/Intensity*** ***Comment***									
		376.76 - 377.60 EP P W									
		Mineralization Min: ***Type/Style/%Mineral*** ***Comment***									
		376.76 - 377.60 PY CG 0.1									
440.20	440.21	**EOH** ***End of Hole*** ***Sudbury Breccia :***									



WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

Drilling		Casing		Core		Location		Other	
Azimuth:	180	**Length:**	0	**Dimension:**	NQ	**Township:**	TOTTEN	**Logged by:**	Györgyi Tuba
Dip:	-45	**Pulled:**	no	**Storage:**	Core Shed	**Claim No.:**	3009484	**Relog by:**	
Length:	358.34	**Capped:**	yes	**Section:**		**NTS:**		**Contractor:**	Jacob & Samuel Drilling Ltd.
Started:	28-Jan-14	**Cemented:**	no	**Hole Type**	DD	**Hole:**	SURFACE	**Spotted by:**	Tom Johnson
Completed:	03-Feb-14							**Surveyed:**	yes
Logged:	11-Feb-14							**Surveyed by:**	Wallbridge-Other
								Geophysics:	None
								Geophysic Contractor:	
								Left in hole:	Nothing
								Making water:	no
								Multi shot survey:	no

Comment: Surveyed w submeter GeoXH (File"WM_030410A.cor" WGS84 5147421.9N, 454664.3E, 316.5 HAE). Block 44 was put in wrong row - block 44 is really at 45.5m.
Pieces in box #61 (259.88 to 264.00 m) are not in the correct order - box must have been dropped. The whole interval is GR so it does not affect the lithology.
Detailed log (major alteration, minor lithology) of the first ca. 100 m of the hole was lost to a Gems glitch. GR in this interval is altered by pervasive chl-ep-mag alteration, DIA is saussauritized. Both units are magnetic. No alteration/mineralization of major importance was noted in this interval.

Coordinate - Gemcom		Coordinate - UTM			
East:	454650.1	**East:**	0		
North:	5147199.2	**North:**	0		
Elev.:	352.5	**Elev.:**	0		
		Zone:	17	**NAD:**	27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-45.00	C	☑	
29.00	176.60	-42.30	F	☑	mag: 5536
80.00	175.20	-42.50	F	☑	mag: 5539
131.00	175.00	-42.10	F	☑	mag: 5540
182.00	174.80	-42.10	F	☑	mag: 5545
233.00	177.70	-42.20	F	☑	mag: 5563
284.00	175.70	-42.00	F	☑	mag: 5526
335.00	175.80	-41.80	F	☑	mag: 5573
358.00	176.60	-41.80	F	☑	mag: 5544

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	15.12	**CAS** ***Casing*** ***Sudbury Breccia :*** granite boulders; 13.5 m casing indicated in timesheet, but might be down to 15.12 based on broken core.									
15.12	28.94	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fine- to coarse-grained DIA with chilled margins and trace to 1% disseminated pyrite. Few feldspar porphyroblasts (few mm average): Matachewan?									
28.94	31.65	**GR** ***Granite*** ***Sudbury Breccia :*** Strongly altered, coarse-grained granite.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		28.94 - 31.65 CHL P S chl-ep-mag									
31.65	33.82	**DIA** ***Diabase*** ***Sudbury Breccia :*** Medium-grained DIA with occasional feldspar porphyroblasts (Matachewan?) and trace disseminated pyrite.									

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

33.82 114.84 **GR** ***Granite*** ***Sudbury Breccia :***

Coarse-grained granite, feldspars oxydized/hematite stained. Strong alteration of chl+/-ep+/-py in <2 mm veins and interstitial/pervasive style. Probably finely disseminated magnetite with alteration (strongly magnetic). Short intervals of regional epidote alteration (stockworks of veins and pervasive/metasomatic with py and poss magnetite).

Alteration Maj:	Type/Style/Intensity	Comment
33.82 - 36.10	CHL P S	Chl+/-py
92.33 - 114.84	CHL P M	chl-mag+/-py+/- ep alteration

114.84 116.35 **DIA** ***Diabase*** ***Sudbury Breccia :***

Fine-grained diabase.

116.35 118.95 **QD** ***Quartz Diorite*** ***Sudbury Breccia :***

Coarse-grained, felsic, pinkish-greyish QD with occasional felsic clasts (<1%, GR, mm to 2 cm in size) and trace dissminated py.

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
118.95	127.35	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***	N985726	118.88	120.24	1.36	0.00	0.00	0.01	0.01	0.01
		Fine-grained matrix, 15 to 25% clasts (dominantly GR: mm to cm range, common mafic clasts: few mm in diameter). Gradual upper contact to QD. Trace py dissemination and py-po+/-cpy nests, commonly associated with/replacing mafic clasts. From 123.86: increased amount of clasts (ca. 25%) and sulphides (about 2%), core looks more thermally altered.	N985727	120.24	121.80	1.56	0.00	0.00	0.00	0.01	0.00
			N985728	121.80	123.43	1.63	0.00	0.00	0.00	0.01	0.01
			N985729	123.43	124.25	0.82	0.00	0.00	0.01	0.01	0.01
			N985730	124.25	125.45	1.20	0.00	0.01	0.02	0.01	0.01
			N985731	126.00	127.35	1.35	0.00	0.00	0.01	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		123.86 - 127.35 POCP DIS 2 py-po+/-cpy dissem and small (few mm) nests.									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		118.95 - 127.35 JNTS 30 30-35 joints									
127.35	131.30	**STRC** ***Structure*** ***Sudbury Breccia :***	N985732	129.20	130.34	1.14	0.00	0.00	0.01	0.01	0.01
		Broken core. Structure in IQD, no fault gauge visible. Very rare cpy dissemination (trace). Chl-py+/-carb along joints									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		127.35 - 131.30 JNTS 50									
		127.35 - 131.30 JNTS 20									
131.30	133.51	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***	N985733	131.36	132.63	1.27	0.00	0.00	0.01	0.01	0.01
		Ca. 25% GR and mafic clasts, fine-grained matrix, trace py-cpy dissemination. Thermally altered. From 132.56, matrix grain-size slightly increases and matrix becomes more felsic and of pinkish-greyish colour.	N985734	132.63	133.54	0.91	0.00	0.00	0.01	0.01	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		131.30 - 133.51 PY DIS 1 py+/-cpy dissemination									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		131.30 - 133.51 JNTS 35 30-40 joints									

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

133.51 136.56 **QD** ***Quartz Diorite*** ***Sudbury Breccia :***

Coarse-grained, felsic, pinkish-greyish QD. About 40 cm chilled margin against DIA at lower contact, sharp upper contact with IQD. Occasional GR and mafic clasts (ca. 1%). Trace disseminated py, trace cpy associated with epidote veins in chilled margin.

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
133.51 - 136.22	PY DIS 0.1	
136.22 - 136.56	PY DIS 0.1	
136.22 - 136.56	CP STR 1	cpy associated with epidote stringers

136.56 143.14 **DIA** ***Diabase*** ***Sudbury Breccia :***

Coarse-grained, magnetic diabase, relatively unaltered. Fg-Mg diabase likely MDIA with fine plag bursts throughout fg and chilled +/- bleaching near the lower contact, not QD variable mag of 1.2-50 but averages at 1-2 (S.Baird april 2014)

143.14 247.80 **GR** ***Granite*** ***Sudbury Breccia :***

Coarse-grained GR. Feldspars partially hematite-stained. Magnetic due to pervasive chl-ep-mag alteration.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
143.14 - 247.80	CHL P MS	Chl-ep-mag alteration.

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Minor Interval:
147.25 148.26 SDBX *Sudbury Breccia* **1D5**
About 5% SDBX in irregular stringers.

Minor Interval:
163.95 164.25 DIA *Diabase*
Fine-grained, manetic DIA.

Minor Interval:
164.74 165.15 DIA *Diabase*
Fine-grained, magnetic DIA, trace py.

Minor Interval:
177.55 179.20 SDBX *Sudbury Breccia* **1D5**
Fine-grained, irregular SDBX stringers/pockets, 5%.

Minor Interval:
192.30 198.50 SDBX *Sudbury Breccia* **1D5**
Fine-grained, irregular SDBX stringers, 1%.

Minor Interval:
200.69 201.56 PEG *Pegmatite*

Minor Interval:
219.30 219.85 DIA *Diabase*
Fine-grained, magnetic DIA with saussauritized feldspar fenocrysts and saussauritized GR clasts.

Minor Interval:
232.67 232.71 SDBX *Sudbury Breccia* **1D5**

Minor Interval:
241.79 241.93 DIA *Diabase*
Lower contact is brecciated; SDBX 1D5.

247.80 250.56 **DIA** ***Diabase*** ***Sudbury Breccia :***
Dark mafic dike, strongly magnetic.Sharp contacts with GR (ca. 40 to core angle). Middle section is

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

coarse-grained, grain size gets finer towards margins. 1% disseminated py.

Mineralization Maj. :	Type/Style/%Mineral	Comment
247.80 - 250.56	PY DIS 1	disseminated in DIA

Minor Interval:

248.25 248.56 GR *Granite*

Coarse-grained, chl-mag altered GR. Same as sections above.

250.56 283.38 **GR** ***Granite*** ***Sudbury Breccia :***

Coarse-grained GR with (partially) hematite-stained feldspars and trace disseminated py. Strongly magnetic due to chl-ep-mag alteration. Magnetite-enriched bands are common.

Alteration Maj:	Type/Style/Intensity	Comment
250.56 - 281.77	CHL VN M	stockwork of chl-ep-mag stringers
250.56 - 281.77	CHL P MS	chl-ep-mag alteration
281.77 - 283.38	EP P M	ep-chl-mag alteration (same as above but dominated by epidote and assoc. with less mag)

Minor Interval:

270.35 276.36 SDBX *Sudbury Breccia* **1D5**

About 5% SDBX as irregular stringers and pockets in GR.

283.38 284.56 **DIA** ***Diabase*** ***Sudbury Breccia :***

Fine-grained, altered, magnetic diabase with some cm-sized saussauritized and deformed GR clasts. Lower contact cut by SDBX (ca. 3 cm wide vein, 1D5). Original texture is deminished by alteration; relatively unaltered parts suggest medium-grained MDIA with few saussauritized feldspar fenocrysts (3-4 mm).

Alteration Maj:	Type/Style/Intensity	Comment

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		283.38 - 284.56 MAG VN MS: dark, fine-grained irregular veins of mag(? based on strong magnetism) and chl(? Probably the same assemblage as the alteration in GR)									
		283.38 - 284.56 EP VN WM: stockwork of ep-calcite veins 1 mm in width avg									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		283.38 - 284.56 PY DIS 5: Disseminated euhedral py up to 1 cm in size.									
284.56	285.06	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1D5**									
		About 15% of SDBX cutting pegmatitic GR. Weakly magnetic.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		284.56 - 285.06 EP P M: Partially pervasive ep+/-chl+/-mag in GR only, cut by SDBX.									
285.06	304.36	**GR** ***Granite*** ***Sudbury Breccia :***									
		Coarse-grained GR with hematite-stained felsdspars. Same as above.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		285.06 - 304.36 EP VN W: Occasional regional ep veins									
		285.06 - 304.36 CHL P M: Chl-mag-ep alteration									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		285.06 - 304.36 PY DIS 0.1									

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

304.36 306.22 **MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***

Medium-grained MDIA with large, saussauritized feldspar porphyroblasts. Sharp contact, ca. 50 to core angle.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
304.36 - 306.22	Carb VN W	Cc+/-ep veins, ca. 1mm in width.
304.36 - 306.22	EP VN W	Ep-cc veins, ca. 1 mm in width.

306.22 343.04 **GR** ***Granite*** ***Sudbury Breccia :***

Coarse-grained, altered GR. Same as above.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
306.22 - 343.04	CHL P M	Chl-mag+/-ep alteration. Magnetite enriched in bands at some places.

Minor Interval:

320.23 320.51 PEG *Pegmatite*

Fsp-qtz pegmatite interval in GR.

Minor Interval:

325.22 325.42 PEG *Pegmatite*

Fsp-qtz pegmatite interval in GR.

343.04 343.71 **DIA** ***Diabase*** ***Sudbury Breccia :***

Fine-grained, altered DIA. Weak magnetism, trace disseminated py.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
343.04 - 343.71	EP VN MS	Stockwork of <1 mm veins.

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

343.71 350.26 **GR** ***Granite*** ***Sudbury Breccia :***

Coarse-grained GR, same as above.

Alteration Maj:	Type/Style/Intensity	Comment
343.71 - 350.26	CHL P M	Chl-mag+/-ep alteration.

350.26 352.46 **DIA** ***Diabase*** ***Sudbury Breccia :***

Fine-grained, strongly altered diabase. Interval includes about 20 cm of GR (clast).

Alteration Maj:	Type/Style/Intensity	Comment
350.26 - 352.46	Carb VN MS	cc veins with associated hematite metasom of the host. Cc cemented DIA bx @ 351.14, ca. 5 cm wide.
350.26 - 352.46	EP VN M	ep-chl veins shearing both contacts to GR

352.46 353.91 **PEG** ***Pegmatite*** ***Sudbury Breccia :***

Fsp-qtz pegmatite.

Hole Number **WTR-054** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

353.91 355.82 **GR** ***Granite*** ***Sudbury Breccia :***

Coarse-grained GR, same as above.

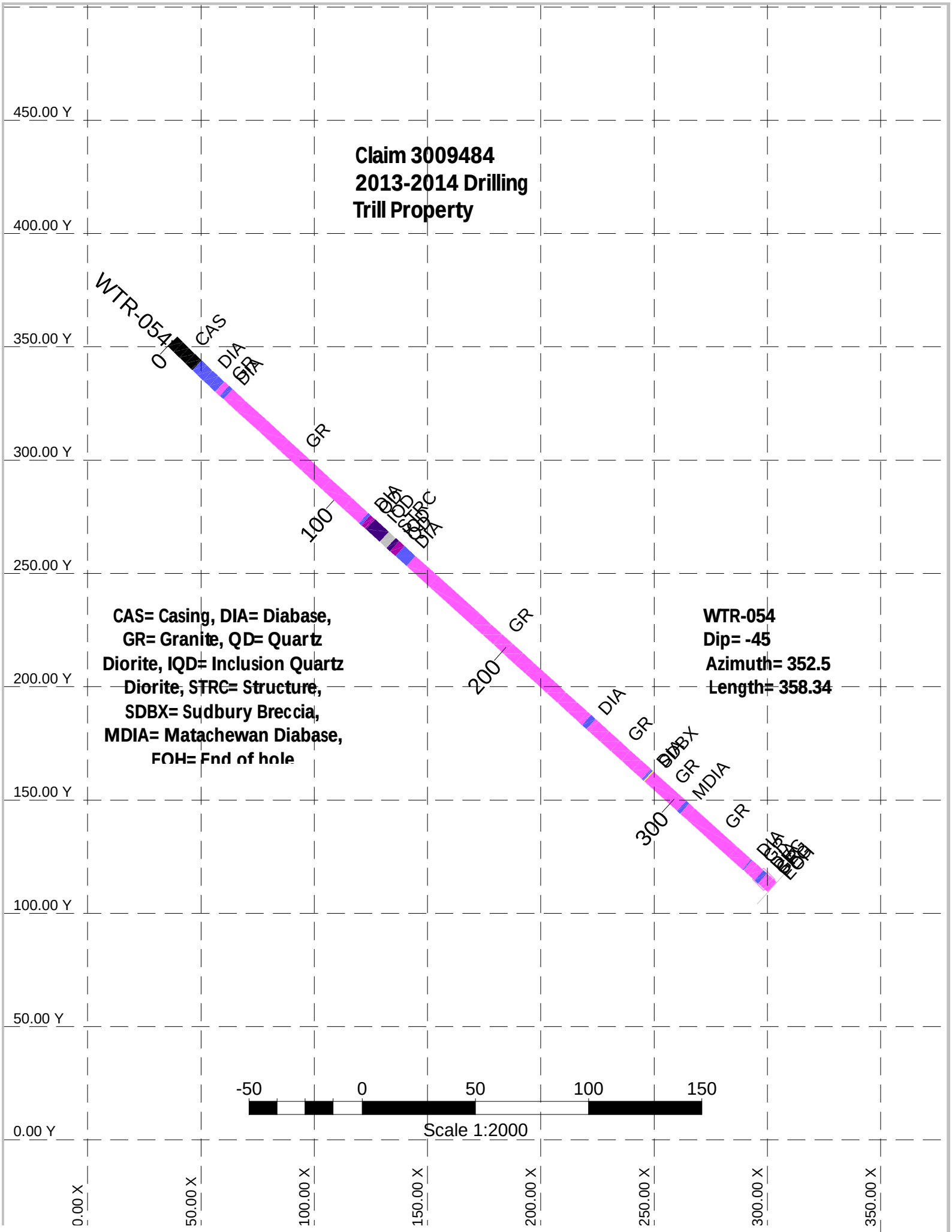
Alteration Maj:	Type/Style/Intensity	Comment
353.91 - 355.82	CHL P M	Chl-mag-ep alteration.

355.82 358.33 **PEG** ***Pegmatite*** ***Sudbury Breccia :***

Fsp-qtz pegmatite, graphic-granophyric texture. Weak alteration.

Alteration Maj:	Type/Style/Intensity	Comment
355.82 - 358.33	CHL P W	Chl-mag-ep alteration.

358.33 358.34 **EOH** ***End of Hole*** ***Sudbury Breccia :***



WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-055** Project: **TRILL_SCJV** Project Number: **504**

Drilling

Azimuth:	178
Dip:	-77
Length:	563.78
Started:	04-Feb-14
Completed:	13-Feb-14
Logged:	11-Feb-14

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	TOTTEN
Claim No.:	3009484
NTS:	
Hole:	SURFACE

Other

Logged by:	Györgyi Tuba
Relog by:	Marshall Hall
Contractor:	Jacob & Samuel Drilling Ltd.
Spotted by:	Tom Johnson
Surveyed:	yes
Surveyed by:	Other
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Rod + Bit + Core
Making water:	no
Multi shot survey:	yes

Comment: Log updated by M. Hall april 2014 (27.52-68.1m)
Updated location Mar 6 2014 from 454650.8E,5147201N, 353.1Z. Surveyed w submeter GeoXH (File"WM_030410A.cor" WGS84 5147423.1N, 454664.2E, 316.4 HAE). (Originally surveyed by offset, File"WM_021413A.cor" WGS84 5147423.7N, 454665.0E, 317.1 HAE).

Nearly 5m of lost ground core between 327m and 393m, so depth marking were restarted at 393m.

There was a problem during drilling with retrieving rods. 54m of rods, core barrel and one shell left in hole somewhere between 411m and 563m but are likely at the bottom of the hole.

Coordinate - Gemcom

East:	454650.8
North:	5147201
Elev.:	353.1

Coordinate - UTM

East:	454650.8
North:	5147201
Elev.:	353.1
Zone:	17
NAD:	27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	178.00	-77.00	C	☑	
24.00	177.50	-76.90	F	☑	Mag 5545 Temp 26.4
75.00	178.20	-77.10		☑	
126.00	178.40	-76.70		☑	Mag: 5518. Temp: 9.7
177.00	177.50	-76.80	F	☑	Mag: 5540 Temp: 10.3
228.00	178.30	-76.90	F	☑	Mag: 5479 Temp: 7.8
279.00	178.10	-76.40	F	☑	Mag: 5498 Temp: 9.6
330.00	180.10	-76.50	F	☑	Mag: 5645 Temp: 12.9
381.00	181.00	-76.70	F	☑	Mag: 5460 Temp: 7.0 Roll: 199.7
432.00	181.20	-76.80	F	☑	Mag: 5457 Temp: 9.2
483.00	176.60	-76.60	F	☑	Mag: 5489 Temp: 18.6

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
534.00	175.00	-76.40	F	☑	Mag: 5404 Temp: 19.6

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-055** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	9.00	**CAS** *Casing* *Sudbury Breccia :* Granite.									
9.00	15.69	**GR** *Granite* *Sudbury Breccia :* Coarse-grained granite with partially hematite-stained feldspar. Slightly magnetic due to ep-chl-hem alteration.									
15.69	27.52	**MDIA** *Matachewan Diabase* *Sudbury Breccia :* Fine- to medium-grained, mafic, moderately magnetic dike with feldspar fenocrysts (saussauritized) and ca. 5% disseminated py.									

Alteration Maj: | ***Type/Style/Intensity*** | ***Comment***

9.00 - 15.69	HE P MS	hem staining gets more intense from ca. 14.70 m towads DIA
9.00 - 15.69	EP P WM	ep-chl-mag alteration replacing mafic rock-forming minerals of GR

Mineralization Maj. : | ***Type/Style/%Mineral*** | ***Comment***

9.00 - 15.69	PY DIS 0.1	trace in GR

Alteration Maj: | ***Type/Style/Intensity*** | ***Comment***

15.69 - 16.43	CHL VN S	mesh of chl-ep-? Veinlets obscure GR-DIA contact
16.43 - 27.52	EP VN W	very fine (<mm), irregular ep+/-chl+/-cc veinlets, occasional py

Mineralization Maj. : | ***Type/Style/%Mineral*** | ***Comment***

15.69 - 27.52	PY DIS 5	in DIA

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Structure Maj.:	Type/Core Angle	Comment
15.69 - 27.52	JNTS 75	chl-cc-filled
15.69 - 27.52	JNTS 25	20-30 joints, chl-cc-filled

27.52 59.21 **NDIA** ***Nipissing Diabase*** ***Sudbury Breccia :***

Re-log by M.Hall April 2014, contacts were not observed in the core brought in. Main unit is medium grained, mesocratic and marked by mm sized equant plagioclase grains (40%), mm sized needly amphiboles (30%) within an aphanitic groundmass. Looks like NDIA, and section is cut episodically by an aphanitic DIA unit with sharp contacts and minor amounts of py along the conacts, and at 63m there is a small 10cm unit of SDBX 2AD5. Sample N985893 (PGM & WR) was taken from a diabasic portion with cm sized pyrites. ORIGINAL LOG -->Coarse-grained diabase, more felsic and less magnetic than the diabase in the overlying interval. About 5% pyrite in disseminations and patches. Contains a few, cc-veined clasts of the overlying (M)DIA unit.

Alteration Maj:	Type/Style/Intensity	Comment
27.52 - 59.21	EP VN W	fine-grained ep veinlets (typically around 1 mm in width) with occasional cpy dissem (trace) and hem halo; dip 75-85 to c/a

Mineralization Maj. :	Type/Style/%Mineral	Comment
27.52 - 59.21	PY VN 1	Remobilized along hairline cracks, ep veining cuts them.
27.52 - 59.21	PY BL 2	Some of it coeval to shears.
27.52 - 59.21	PY DIS 2	

59.21 62.80 **SHR** ***Sudbury Breccia :***

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Structure Maj.: | ***Type/Core Angle*** | ***Comment***

59.21 - 62.80 | SHR | Strongly altered zone with cm-scale shears and brecciated parts.

62.80 | 68.10 | **NDIA** ***Nipissing Diabase*** ***Sudbury Breccia :*** | N985892 | 66.00 | 66.50 | 0.50 | - | - | - | - | -

Alteration Maj: | ***Type/Style/Intensity*** | ***Comment***

62.80 - 64.75 | MAG F S | 1: Dark, very f/g, magnetic alt. with symmetric microcrystalline qtz lining along margins. +/- cc. In irregular veins and pockets, assoc. w/ py. 2: Mesh of pale green, f/g veinlets. Relationship ambiguous.

Structure Maj.: | ***Type/Core Angle*** | ***Comment***

62.80 - 64.18 | JNTS 35 | Broken core. Alteration as above, considered part of the shear.

64.18 - 64.45 | SHR | Lower margin of shear zone, less intense alteration.

65.00 - 65.10 | G 65 | Gouge with mag alt.

66.96 - 66.97 | G 80

67.06 - 67.07 | G 45 | Awesome euhedral py (1 cm) rotated in gouge.

68.10 | 80.79 | **GR** ***Granite*** ***Sudbury Breccia :***

Coarse-grained GR, moderately magnetic. Hematite-stained feldspars and partially pervasive ep-chl-mag alteration. Trace disseminated py.

Alteration Maj: | ***Type/Style/Intensity*** | ***Comment***

68.10 - 80.79 | EP P M | ep-chl-mag alteration replacing mafic rock-forming minerals

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Structure Maj.: ***Type/Core Angle*** ***Comment***

80.53 - 80.60 SHR 45 associated with chl-ep-py alteration

Minor Interval:

80.60 80.64 SDBX *Sudbury Breccia* **1D5**

Narrow vein, looks like cutting the shear zone but core is broken so it is hard to tell.

80.79 82.06 **PEG** ***Pegmatite*** ***Sudbury Breccia :***

Megium-grained fsp-qtz pegmatite, granophyric texture common. Hematite-stained. Very few mafic minerals (altered to chl-ep-mag).

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

80.79 - 82.06 CHL P W chl-mag-ep patches replacing mafic components.

82.06 120.45 **GR** ***Granite*** ***Sudbury Breccia :***

Coarse-grained, altered granite. Hematite staining from ca. 90.5 m is usually much weaker than that in overlying intervals; weakly and moderately stained intervals alternate downwards. Strong magnetism due to chl-mag-ep alteration (chl to ep ratio varies in assemblage). Trace disseminated py. Medium-grained from 117.56 m.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

82.06 - 120.45 EP VN W f/g regional ep veins, few mm in width, dipping 70 to c/a

82.06 - 120.45 CHL P S chl-mag-ep alteration replacing mafic rock-forming minerals

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

95.10 - 111.90 PY F 1 occasional discontinuous py-ep(-cpy?) precipitation

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		along hairline cracks dipping 10-25 to c/a									
120.45	122.10	**APL** ***Aplite Dike*** ***Sudbury Breccia :***									
		Fine-grained granite, weakly magnetic, slightly altered.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		120.45 - 122.10 CHL P W chl-mag alteration									
122.10	123.81	**GR** ***Granite*** ***Sudbury Breccia :***									
		Medium-grained, altered GR, weak magnetism, moderate hematite staining.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		122.10 - 123.81 CHL P WM chl-ep+/-mag alteration, mag tends to be concentrated in bands									
123.81	124.39	**APL** ***Aplite Dike*** ***Sudbury Breccia :***									
		Fine-grained granite, weakly magnetic, slightly altered.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		123.81 - 124.39 CHL P W chl-mag alteration									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

124.39 139.70 **GR** ***Granite*** ***Sudbury Breccia :***

Medium- (upper contact) to coarse-grained GR, moderate hematite staining and saussauritization of feldspars. Strong magnetism due to chl-mag alteration.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
124.39 - 133.64	CHL P MS	chl-mag-ep alteration
133.64 - 133.67	CHL FF S	Very f/g, pale green alteration zone (clay min? chl, ep?) dipping ca. 65 to c/a
133.67 - 139.52	CHL P S	chl-mag-ep alteration

Minor Interval:

132.40 132.60 DIA *Diabase*

Very f/g, aphanitic dike of DIA dipping 50 to c/a. Strongly magnetic.

139.70 148.42 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2D5**

Up to 15% SDBX bands up to 25cm in width throughout with granitic wallrock clasts within aphanitic cold BX matrix. There is a 2.5m zone of 90% SDBX that is predominantly matrix supported at the end of the interval from ~146m to 148.42m. The host is the granite from above and below that has been sausseritized with mafics being altered to chlorite-magnetite. Mag susc is variable from ~2 in the matrix dominant zone up to 60-75 in the clast supported zones.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
139.52 - 140.50	CHL FF S	assemblage same as at 133.64 m, mesh of veins (cuts SDBX)
145.00 - 148.00	MAG PCH W	
145.00 - 148.00	CHL FF M	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
139.70 - 148.42	PY DIS 0.5	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

148.42 152.66 **GR** ***Granite*** ***Sudbury Breccia :***

Medium to coarse grained granite with light to moderate hematite staining and up to 5% SDBX. Weakly magnetic due to chlorite-magnetite alteration throughout. However, there is much less magnetite in this section and it is spotty. Mag susc ~2-3.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
148.42 - 152.66	MAG P W	
148.42 - 152.66	CHL P M	Pervasive Chlorite-Magnetite alteration of mafic minerals

152.66 155.52 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2BD4**

Breccia is located at contact between and upper granite and a lower diabase unit. Up to 25-30% breccia throughout with the highest concentration located right near the contact of the two host units at ~154.50m. The upper portion from 152.50m to 154.50m is predominantly granitoid clasts within the matrix with an average mag susc of ~2-20, while the lower zone from 154.50 to 155.52m is actually a mixture of granite and diabase clasts with an average mag sus of ~15-60.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
152.66 - 154.50	MAG P M	Mostly within granite clasts in breccia
152.66 - 154.50	CHL P WM	
154.50 - 155.52	MAG PCH M	
154.50 - 155.52	CHL PCH MS	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

155.52 156.85 **DIA** ***Diabase*** ***Sudbury Breccia :***

Unsure if diabase is Matachewan or Nipissing. It is fine to medium grained, intermediate with quite evenly grown feldspars. The mag susc varies from ~2-8.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
155.52 - 156.85	EP F MS	

156.85 169.38 **GR** ***Granite*** ***Sudbury Breccia :***

Medium - to coarse-grained GR, moderate hematite staining and saussauritization of feldspars. Strong magnetism due to chl-mag alteration of mafics. Mag susc ~30-60. There is a small zone of cold SDBX with small granitic fragments from ~163.75m to 163.95m.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
156.85 - 164.00	EP FF W	
156.85 - 164.00	MAG PCH WM	
156.85 - 164.00	CHL P M	
164.00 - 169.38	EP FF M	
164.00 - 169.38	MAG P MS	
164.00 - 169.38	CHL P M	

169.38 171.58 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2BD5**

SDBX located at contact between hangingwall granite and footwall diabase. Up to 90% SDBX between

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

units from 169.60m to 170.10m with mostly granitic clasts. The unit is fractured with breccia and is clast supported with up to 15% SDBX from 169.38m to 169.60m. The lower half of the unit is hosted in diabase, possibly Matachewan with up to 20% SDBX from 170.10m to 171.58m. The overall average Mag Susc is ~15 but can range from 2-25.

Alteration Maj:	Type/Style/Intensity	Comment
169.38 - 171.58	EP FF W	

Mineralization Maj. :	Type/Style/%Mineral	Comment
169.38 - 171.58	PY F 0.1	

171.58 183.37 **DIA** ***Diabase*** ***Sudbury Breccia :***

Diabase is quite variable and is possible Matachewan. It has fairly coarse grained and clustered plagioclase growths throughout which stand out in relative comparison to the finer matrix. There is a slightly finer grained zone from ~173.20m to 174.10m with a coincident overlapping zone of hematite alteration from ~173.20m to 173.75m. There is another finer grained zone near the lower contact from ~182.60m to 183.37m. Since there is no brecciation present at the lower contact of the dyke, a visibly sharp contact can be measured at ~75 dtca. The average Mag Susc of the unit is ~1-2.

Alteration Maj:	Type/Style/Intensity	Comment
171.58 - 173.20	HE PCH W	
171.58 - 173.20	EP F M	
173.20 - 173.75	EP FF W	
173.20 - 173.75	HE P M	
173.75 - 182.50	EP FF MS	

Mineralization Maj. :	Type/Style/%Mineral	Comment
171.58 - 183.37	PY FF 0.1	

183.37 193.16 **GR** ***Granite*** ***Sudbury Breccia :***

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Fe-stained granite. However, this unit isn't heavily altered by epidote and magnetite like the granite units above. There is a zone of SDBX from 186.30m to 186.80m that is mostly matrix with minor wall fragments. The upper portion of granite from ~183.37m to 186.30m appears to be nearly foliated and more altered probably caused by the brecciation and dyke contact. The lower portion is lighter in color, with a higher quartz content and doesn't seem to have as high of mafic content to allow for chloritization. Mag susc is ~0.5.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		183.37 - 186.30 CHL P M									
		186.30 - 186.80 EP P WM									
		186.30 - 186.80 CHL P W									
		186.80 - 193.16 EP F WM									
193.16	204.90	**DIA** ***Diabase*** ***Sudbury Breccia :***	N985737	196.24	196.54	0.30	0.00	0.00	0.00	0.00	0.02
		UNSURE - Debated whether it is atypical QD or an odd dyke? The mag and grain size is variable throughout the unit and some sections appear to possibly have some inclusions. There is also fracture controlled sulfides in some sections. WR samples will be taken throughout and into the dyke below as well. The upper contact to the granite is quite sharp and is ~80-85 dtca. The upper portion is highly altered, possibly chloritized and epidotized and highly magnetic from 193.16m to 193.70m. There are several zones of possible SDBX within this unit as well ~25cm in size. There is a small zone of hydrothermal brecciation boxworking around 197m. There is an odd zone of possible inclusions or growths up to 1cm within a fine grained dark matrix from ~198.70m to 199.30m. The unit is fairly fine grained up to ~ 202.30m where it the begins to coarsen and could be a gradational contact to the underlying dyke. The mag also changes from low mag to high mag at this juncture. Whole rock samples revealed that this is diabase and not QD	N985738	201.38	202.00	0.62	0.00	0.00	0.00	0.00	0.02

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
204.90	217.00	**DIA** ***Diabase*** ***Sudbury Breccia :***	N985739	208.72	209.00	0.28	0.00	0.00	0.00	0.01	0.01
		Highly magnetic diabase of possible Matachewan origin? Very similar to the diabase units above but there appears to be much less alteration throughout. There is a bleached epidote zone at the lower contact to the granite from ~216.70 to 217.00m. There is also Fe-staining and pyrite along fractures in this zone. From 204.90m to 214.64m the unit is typical in grain size but becomes finer grained past this point which is also coincident with higher mag ranging from 20-40 in the coarser grained upper portion and averaging between 60-90 in the finer grained lower portion.									
217.00	229.80	**GR** ***Granite*** ***Sudbury Breccia :***									
		Unit is lighter colored and contains less Fe-staining than the granites encountered above. The last 70cm of the unit from 229.13m appears to be partially melted and foliated during the emplacement of the diabase below. Very interesting feature. Mag of the entire unit is ~3 overall but appears to lower as you go downhole from a high of ~10 down to 0.5 at the end of the unit. The lower contact with the diabase is at ~15dtca.									
229.80	245.09	**DIA** ***Diabase*** ***Sudbury Breccia :***									
		The diabase is probably Nipissing and is slightly finer grained closer to the contact zone from ~229.80m to 233.84m where it grades into slightly coarser grained material. The diabase is typical with feldspathic intergrowths throughout. There are a few sub-millimeter fracture filling quartz+/-pyrite veinlets throughout as well. The Mag Susc of the unit is quite stable averaging at ~1.80. The entire unit is very competent with very few broken fractures. The lower contact to the granite is quite sharp and is at ~22 dtca.									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		234.00 - 236.00 PY FF 0.1									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
245.09	252.30	**GR** ***Granite*** ***Sudbury Breccia :*** Medium to coarse-grained GR, minor hematite staining and saussauritization of feldspars. Minor magnetism due to minor chl-mag alteration. Mag Susc averages ~1.2 but there are a few zones that jump up to 3-5 milli SI.									
252.30	253.60	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** Small dyke probably less than 0.5m true width. The upper and lower contacts are fairly sharp at low angles, both at ~22 dtca. It is dark grey, fine grained and fairly soft with up to 2cm plagioclase Glomeroporphyroblasts mostly situated in the center of the dyke demonstrating flow within the dyke. The porphs comprise ~15-20% of the unit. Whole rock sample was taken to verify Matachewan origin an to compare to WR samples in dykes above. Mag Susc of the unit is ~1.6.	N985740	253.03	253.28	0.25	0.00	0.00	0.00	0.01	0.02
253.60	259.15	**GR** ***Granite*** ***Sudbury Breccia :*** This granite seems to be more mafic than the previous ones above. It is coarse grained with weak to moderate hematitic staining throughout as well as sausseritization of the feldspars. There is a highly magnetic pegmatitic zone from ~257.35m to 258m The magnetics vary wildly throughout from a low of 2-3 up to a high of 50 closer to and within the pegmatitic zone. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 253.60 - 258.00 HE P M									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
259.15	260.34	**DIA** ***Diabase*** ***Sudbury Breccia :*** Dark grey to black, very fine grained, siliceous?, moderately hard when scratched. Unsure what type of diabase, possibly a chilled Olivine Diabase? There is a small amount of brecciation in the unit. The Mag Susc is between 50-60. The contact angle throughout is ~35dtca. There is a 30cm granite raft in the center but the contacts are very sharp so there may be 2 separate parallel dykes at this location that took advantage of the general structural trend locally.									
260.34	261.34	**PEG** ***Pegmatite*** ***Sudbury Breccia :*** This may be pegmatitic or it could be a melt caused by the intrusion of the dykes adjacent to it. It is very leucocratic with the odd large mafic blade in it. Mag Susc is still at 3-4 in this unit. The lower ragged contact of the pegmatite to the granite is also ~35 dtca.									
261.34	272.30	**GR** ***Granite*** ***Sudbury Breccia :*** Lighter whitish pink felsics with a fairly high percentage of mafics. The Mag Susc of this unit is very high ranging from 60-90 milli SI. A high proportion of the mafics appear to be altered with a Chl-Mag alteration +/-Ep probably accounting for the high Mag.									

Alteration Maj:	*Type/Style/Intensity*	*Comment*
261.34 - 272.30	EP PCH W	
261.34 - 272.30	MAG P M	
261.34 - 272.30	CHL P WM	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
272.30	273.20	**PEG** ***Pegmatite*** ***Sudbury Breccia :*** Coarse grained light white to pink, leucocratic pegmate with large mafic blades and crystals. The Mag Susc is fairly low still at ~5.									
273.20	327.34	**GR** ***Granite*** ***Sudbury Breccia :*** Lighter whitish pink felsics with a fairly high percentage of mafics. The Mag Susc of this unit is very high ranging from 50-90 milli SI. A high proportion of the mafics appear to be altered with a Chl-Mag alteration +/-Ep probably accounting for the high Mag. There are several small pegmatitic zones throughout as well as 2 small chilled diabase dykes between 318m and 323m similar to the one at 260m. There is a darker pink, Fe-stained section from ~290m to 301m ending with a pegmatitic zone in the last 50cm.									
327.34	330.55	**DIA** ***Diabase*** ***Sudbury Breccia :*** Very fine grained, dark grey, glassy, fairly hard diabase. Very high Mag at ~60-75. Could be a chilled portion of the QD but unlikely due to the high Mag. The contact to the granite is ~35 dtca.	N985741	329.53	329.78	0.25	0.00	0.01	0.01	0.01	0.02

Alteration Maj: / ***Type/Style/Intensity*** / ***Comment***

273.20 - 300.50	HE P S	
273.20 - 300.50	EP PCH W	
273.20 - 300.50	CHL P WM	
273.20 - 300.50	MAG P M	

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
330.55	333.55	**GR** ***Granite*** ***Sudbury Breccia :*** Minor SDBX in a nondescript granite. Mag =~60-80.									
333.55	337.10	**DIA** ***Diabase*** ***Sudbury Breccia :*** Very fine grained, dark grey, glassy, fairly hard diabase. Very high Mag at ~60-75. Could be a chilled portion of the QD but unlikely due to the high Mag. The upper and lower dyke contacts are at ~35 dtca with sharp contacts and the lower one being slightly block faulted.	N985746	334.08	334.30	0.22	0.00	0.01	0.01	0.01	0.02
337.10	348.30	**GR** ***Granite*** ***Sudbury Breccia :*** Non-descript, light pinkish white granite. Mag =~60-80. There is a section of ground core located at approximately 342.50 to 344.00m where there is most likely at least 1m of missing core.									
348.30	367.60	**QD** ***Quartz Diorite*** ***Sudbury Breccia :*** Typical medium grained, light grey, homogenous, Non-Inclusion Quartz Diorite. There is one 8-10cm diabase inclusion at ~355m. The Mag Susc is fairly consistent averaging ~0.8-0.9. The only major	N985742	353.52	354.02	0.50	0.00	0.14	0.30	0.06	0.01
			N985743	358.82	359.32	0.50	0.00	0.00	0.00	0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

sulfides of note are blebs located between 353.75m to 354m and consist of Py+/-Cpy+/-Po up to 2%. The upper contact is very shallow and irregular.

Mineralization Maj. :	Type/Style/%Mineral	Comment
353.75 - 354.00	PO BL 0.5	
353.75 - 354.00	CP BL 1	
353.75 - 354.00	PY BL 0.5	

367.60 371.00 **IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

Fine grained grey matrix with mostly small (<1cm) quartzofeldspathic and mafic clasts up to 20% of the unit. There are also several larger granitic clasts from 5cm up to 10cm between 368.5-369m. The contact to the upper QD is somewhat gradual but distinct and irregular but trends at ~40dtca. The overall Mag Susc is quite typical, coming in at ~1.4, which is slightly higher than it's Non-Inclusion QD counterpart due to the presence of small mafic clasts throughout. There is a section of ground core located at approximately 369.10m to 369.90m where there is most likely at least 1m of missing core.

371.00 372.55 **DIA** ***Diabase*** ***Sudbury Breccia :***

Large Clast within the QD. Cooked up and altered. Probably just a diabase clast similar to the high mag units above but hard to tell due to alteration. The Mag Susc ranges from ~110-125 milli SI.

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
372.55	394.30	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :*** Same as above. Fine grained grey matrix with mostly small (<1cm) quartzofeldspathic and lesser mafic clasts up to 20% of the unit. There are also several larger granitic clasts from 3cm up to 30cm between 373-374m. The contact to the lower QD appears to be ground and no visible contact angle can be seen. The overall Mag Susc is somewhat variable throughout ranging from 0.8-15 due to exotic clasts of diabase and possibly pyroxenite. The larger pyroxenite clast is located at ~393.90 to 394.15m. The average Mag Susc of the unit is still probably ~1.8-2.0. There are several sections of ground core throughout with an overal core loss of ~3m. These sections appear to be located at approximately 377.10m to 377.60m, 386.20 to 386.60m, and at ~394.3m. The drillers have marked "Ground Core" on 2 blocks at 390m and 393m. Due to the high amount of lost core, THE DEPTH COUNT WAS RESTARTED AT 393M WITH A NOTED NEARLY 5M LOSS OF CORE.	N985747	380.42	381.22	0.80	0.00	0.01	0.02	0.01	0.01
			N985744	381.22	382.22	1.00	0.00	0.01	0.01	0.01	0.01
394.30	400.42	**QD** ***Quartz Diorite*** ***Sudbury Breccia :*** Same as QD above. Typical medium grained, light grey, homogenous, Non-Inclusion Quartz Diorite. There are a minor amount of very small quartz or diabase inclusions throughout. The Mag Susc is fairly consistent averaging ~0.7-0.9 except in the chilled contact where it jumps to ~2.6. The lower contact is fairly sharp and chilled angainst the large granite clast at ~50dtca. The chill margin is ~20cm in width from 400.22m to 400.42m.	N985745	397.87	398.87	1.00	0.00	0.00	0.00	0.01	0.00
400.42	401.65	**GR** ***Granite*** ***Sudbury Breccia :*** Large granite clast within the QD. Mag Susc is ~50.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

401.65 402.20 **QD** ***Quartz Diorite*** ***Sudbury Breccia :***

Chilled QD between 2 large granite clasts. It is dark grey to black, very fine grained and coarsens slightly in the center of the unit. The Mag Susc is ~3.2.

402.20 402.52 **GR** ***Granite*** ***Sudbury Breccia :***

Large granite clast within the QD. Mag Susc is ~25-30.

402.52 407.83 **QD** ***Quartz Diorite*** ***Sudbury Breccia :***

VERY INTERESTING QD. Looks like IQD but is actually a medium grained, light greyish matrix full of granitic pieces that are being absorbed and broken apart by the infiltrating QD into the footwall rock. Classic texture. There is a thin chill margin against the granite on the lower contact at ~30dtca as well as wormy QD infiltrating into the granite body for 10s of cm up to ~408.5m. The Mag Susc of the unit is ~20-25, which is quite high since it is loaded with small broken fragments of the granitic wallrock. There is a more barren, chilled section at the upper contact from ~402.52m to 403.40m where the inclusion percentage increases up to 40-50% overall in the center of the unit and grades back down to 1-2% closer to the lower contact where you can see it destroying the wallrock.

407.83 419.14 **GR** ***Granite*** ***Sudbury Breccia :***

Hole Number **WTR-055** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Non-descript, light pinkish white granite. Mag =~60-80.

419.14 428.38 **MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***

Large Matachewan dyke. Both contacts are fairly sharp with the upper one being at ~35dtca and the lower one at ~60dtca. It is dark grey to black, fine grained and fairly soft with up to 5cm plagioclase Glomeroporphyroblasts throughout the dyke comprising ~5% of the dyke overall. Mag Susc of the unit is ~50-60.

428.38 435.47 **GR** ***Granite*** ***Sudbury Breccia :***

Non-descript, light pinkish white granite. Mag =~70. There is a small splay of MDIA located from 430.38m to 430.60m.

435.47 439.65 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2D4**

Up to 50% SDBX overall with several larger granitic blocks throughout but still containing brecciation. Some epidote banding present. Overal Mag Susc averages ~70-80 due to the high mag host granite.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
435.47 - 439.65	EP F WM	

Hole Number **WTR-055** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
439.65	466.70	**GR** ***Granite*** ***Sudbury Breccia :*** Non-descript, light pinkish white granite. Mag =~70. There is a small zone of pegmatitic material from ~441.70m to 442.40m.									
466.70	472.41	**OD** ***Olivine Diabase*** ***Sudbury Breccia :*** Fg to Mg, bluish grey dyke. Fairly fresh and unaltered cutting the granite. The upper contact is fairly sharp and low angled at ~20dtca. The lower contact is against a large GR block. Mag Susc of the unit ranges between 120-160.									
472.41	473.36	**GR** ***Granite*** ***Sudbury Breccia :*** Large GR block within the dyke.									
473.36	475.90	**OD** ***Olivine Diabase*** ***Sudbury Breccia :*** Fg to Mg, bluish grey dyke. Fairly fresh and unaltered cutting the granite. The lower contact is fairly sharp, blocky and low angled at ~20dtca. The upper contact is against a large GR block. Mag Susc of the unit ranges between 120-160.									

Hole Number **WTR-055** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

475.90 493.40 **GR** ***Granite*** ***Sudbury Breccia :***

Non-descript, peachy pinkish white granite. Appears to be foliated and finer grained than granites above. Mag =~1.3. There are several small quartz veins up to 5cm wide cutting it.

493.40 494.08 **DIA** ***Diabase*** ***Sudbury Breccia :***

Fg, greenish grey highly altered and siliceous dyke with fracture filling Pyrite throughout. It most likely looks different and has a higher percentage of sulfide because it is a contact chill zone. The unit undulates and just skims across the granite, so we are just catching the edge of the dyke. Up to 2% Pyrite. Mag = ~55.

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
493.40 - 494.08	PY FF 2	

494.08 509.82 **GR** ***Granite*** ***Sudbury Breccia :***

Pinkish white granite with patchy Fe-stained alteration of feldspars and minor small fracture controlled epidote +/-Py. Mag = ~50-70.

Hole Number **WTR-055** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
509.82	510.23	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** Fine grained, dark grey matrix with up to 5% (<3mm) plagioclase glomeroporphyroblasts. There is ~1% disseminated to fracture controlled pyrite. Contacts are cutting granite at ~35-40 dtca. Mag = ~105. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 509.82 - 510.23 PY F 1									
510.23	516.30	**GR** ***Granite*** ***Sudbury Breccia :*** Pinkish white granite with patchy Fe-stained alteration of feldspars and minor small fracture controlled epidote +/-Py. Mag = ~50-70.									
516.30	517.30	**DIA** ***Diabase*** ***Sudbury Breccia :*** Mg, grey, siliceous, fairly hard dyke. It contains homogenous amounts of feldspar growths throughout. It has minor sulfides and may be of possible Nipissing origin. The upper contact cuts at ~45dtca while the lower is at ~35dtca. Mag = ~135.									
517.30	518.00	**GR** ***Granite*** ***Sudbury Breccia :*** Pinkish white granite. Mag = ~50-70.									

Hole Number **WTR-055** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
518.00	518.20	**DIA** ***Diabase*** ***Sudbury Breccia :*** Small Fg diabase unit. Mag = ~95.									
518.20	520.35	**GR** ***Granite*** ***Sudbury Breccia :*** Light peachy pink, foliated and altered granite sandwiched between several dykes. May be a large block within the dyke that has been cooked up. Mag = ~0.5-2.5.									
520.35	521.98	**DIA** ***Diabase*** ***Sudbury Breccia :*** VFg, dark greenish grey dyke that may be cutting along a chill margin again. It is very siliceous and altered with bleaching near the contacts and fracture filling Chlorite+/-Pyrite. There are fine dark fracures all throughout with dark halos around them. Mag = ~40.									
521.98	536.47	**GR** ***Granite*** ***Sudbury Breccia :*** Pinkish white granite with the typical alteration pattern and zoning of plagioclase from sausseritization. Mag = ~45-70.									

Hole Number **WTR-055** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

536.47 538.69 **DIA** ***Diabase*** ***Sudbury Breccia :***

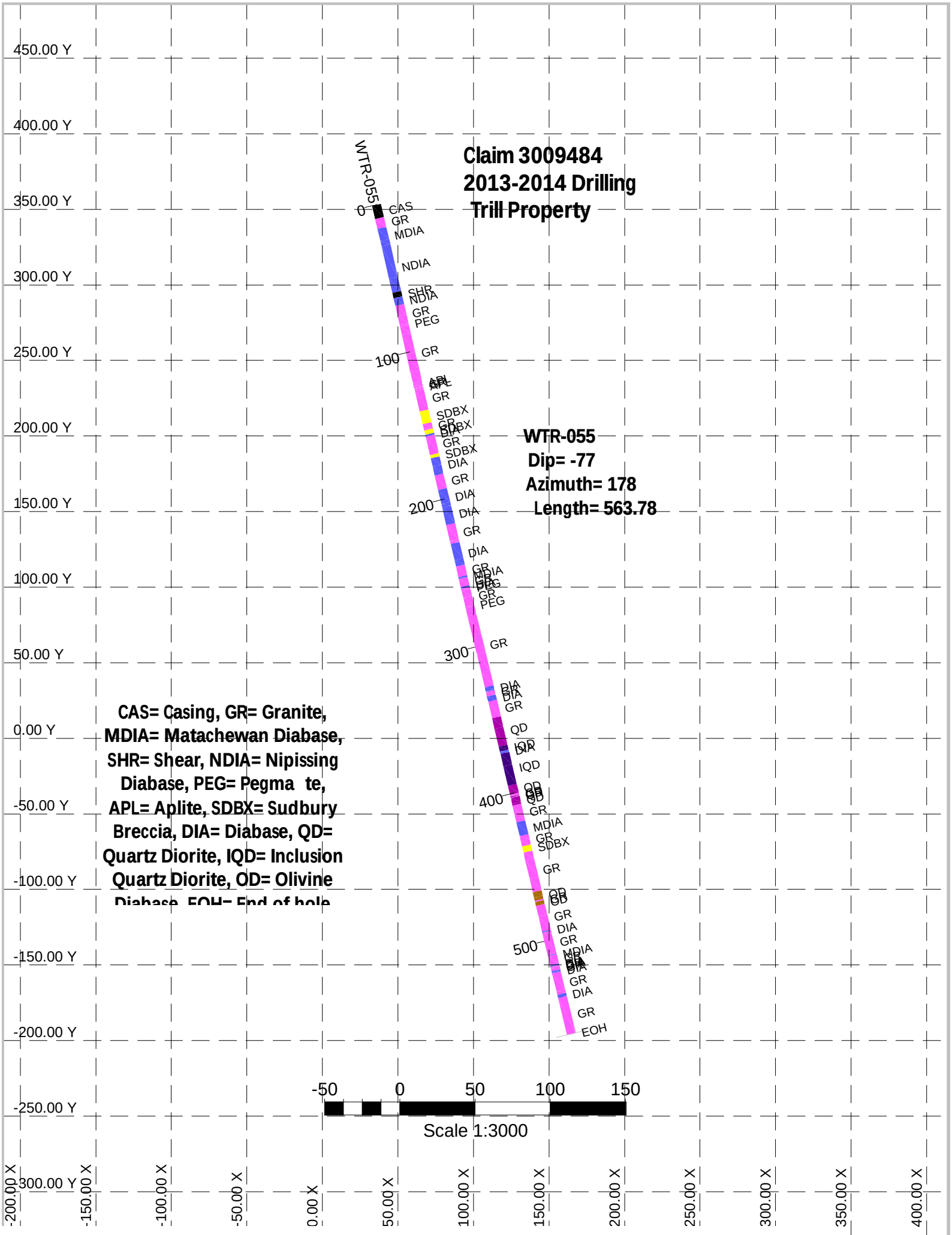
Fg, dark greenish grey diabase dyke with fracture filling Chlorite+Pyrite throughout. The contacts cut at ~35dtca with the lower one actually being slightly brecciated and fragmented. Mag = ~55.

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
536.47 - 538.69	PY FF 0.5	

538.69 563.77 **GR** ***Granite*** ***Sudbury Breccia :***

Pinkish white granite with the typical alteration pattern and zoning of plagioclase from sausseritization. Mag = ~55-75.

563.77 563.78 **EOH** ***End of Hole*** ***Sudbury Breccia :***



WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

Drilling

Azimuth: 189.36
Dip: -83
Length: 714.24
Started: 15-Feb-14
Completed: 28-Feb-14
Logged: 24-Feb-14

Casing

Length: 0
Pulled: no
Capped: yes
Cemented: yes

Core

Dimension: NQ
Storage: Core Shed
Section:
Hole Type DD

Location

Township: TOTTEN
Claim No.: 1167121-LE
NTS:
Hole: SURFACE

Other

Logged by: Shannon Baird
Relog by:
Contractor: Jacob & Samuel Drilling Ltd.
Spotted by: Tom Johnson
Surveyed:
Surveyed by:
Geophysics: UTEM
Geophysic Contractor: Lamontagne
Left in hole: Nothing
Making water: no
Multi shot survey: no

Comment: Block correction at 69m. Starting block should be 9m instead of 6m. Another 3m block correction at 99m.

Cement 230-315m.

Coordinate - Gemcom

East: 455240
North: 5147193.4
Elev.: 363.7

Coordinate - UTM

East: 0
North: 0
Elev.: 0
Zone: 17 **NAD:** 27

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	189.36	-83.00	C	☑	
10.00	187.78	-82.83	G	☑	
20.00	187.96	-82.93	G	☑	
24.00	186.50	-82.90	F	☐	Mag=5556 Temp: 4.2
30.00	188.70	-82.82	G	☑	
40.00	189.26	-82.82	G	☑	
50.00	189.36	-82.78	G	☑	
60.00	189.12	-82.72	G	☑	
70.00	188.73	-82.69	G	☑	
75.00	186.00	-83.10	F	☐	Mag=5507 Temp: 3.5 Roll: 359.3
80.00	189.82	-82.64	G	☑	
90.00	189.63	-82.54	G	☑	
100.00	190.25	-82.52	G	☑	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
110.00	190.10	-82.48	G	☑	
120.00	191.09	-82.37	G	☑	
126.00	191.80	-82.60	F	☐	Mag=5456 Temp: 10.9
130.00	190.62	-82.22	G	☑	
140.00	190.56	-82.10	G	☑	
150.00	191.50	-82.06	G	☑	
160.00	191.01	-82.25	G	☑	
170.00	190.50	-82.58	G	☑	
177.00	194.30	-82.80	F	☐	Mag=5467 Temp: 9.2 Roll: 185.9
180.00	190.89	-82.55	G	☑	
190.00	192.10	-82.37	G	☑	
200.00	191.26	-82.33	G	☑	
210.00	192.39	-82.28	G	☑	

WALLBRIDGE MINING COMPANY LIMITED

HEADER REPORT

Hole Number | Project: **TRILL_SCJV** | Project Number: **504**

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
220.00	192.05	-82.30	G	☑	
228.00	190.80	-82.10	F	☐	Mag=5483 Temp: 11.5
230.00	191.73	-82.15	G	☑	
240.00	191.29	-82.26	G	☑	
250.00	190.40	-82.14	G	☑	
260.00	190.60	-82.21	G	☑	
270.00	191.33	-82.08	G	☑	
279.00	188.50	-82.60	F	☐	Mag=5490 Temp: 13.3 Roll: 297.7
280.00	189.88	-82.15	G	☑	
290.00	190.43	-82.13	G	☑	
300.00	190.74	-82.15	G	☑	
310.00	191.50	-82.01	G	☑	
320.00	191.74	-81.99	G	☑	
330.00	190.40	-81.90	F	☐	Mag=5500 Temp: 19.9
330.00	191.46	-81.91	G	☑	
340.00	190.99	-81.86	G	☑	
350.00	190.81	-81.86	G	☑	
360.00	190.70	-81.80	G	☑	
370.00	191.03	-81.70	G	☑	
380.00	190.86	-81.67	G	☑	
381.00	192.20	-81.90	F	☐	Mag=5492 Temp: 12.4
390.00	190.71	-81.70	G	☑	
400.00	191.87	-81.74	G	☑	
410.00	192.48	-81.59	G	☑	
420.00	191.84	-81.53	G	☑	
430.00	192.95	-81.53	G	☑	
432.00	192.30	-82.00	F	☐	Mag=5478 Temp: 15.4 Roll: 222.7
440.00	189.67	-81.61	G	☑	
450.00	190.82	-81.55	G	☑	
460.00	190.18	-81.55	G	☑	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
470.00	190.17	-81.56	G	☑	
480.00	190.34	-81.55	G	☑	
483.00	189.30	-82.00	F	☐	Mag=5482 Temp: 12.2
490.00	189.10	-81.55	G	☑	
500.00	188.86	-81.60	G	☑	
510.00	189.13	-81.58	G	☑	
520.00	188.59	-81.50	G	☑	
530.00	188.34	-81.46	G	☑	
534.00	188.10	-81.30	F	☐	Mag=5485 Temp: 13.0 Roll: 126.8
540.00	188.98	-81.36	G	☑	
550.00	189.10	-81.37	G	☑	
560.00	188.29	-81.38	G	☑	
570.00	188.55	-81.38	G	☑	
580.00	188.60	-81.31	G	☑	
585.00	184.90	-81.60	F	☐	Mag: 5496 Temp: 17.9
590.00	189.31	-81.20	G	☑	
600.00	189.29	-81.16	G	☑	
610.00	189.03	-81.37	G	☑	
620.00	188.80	-81.44	G	☑	
630.00	188.98	-81.40	G	☑	
636.00	185.10	-81.40	F	☐	Mag: 5474 Temp: 19.6
640.00	189.26	-81.36	G	☑	
650.00	188.59	-81.31	G	☑	
660.00	188.57	-81.32	G	☑	
670.00	188.05	-81.41	G	☑	
680.00	188.44	-81.37	G	☑	
687.00	189.20	-81.60	F	☐	Mag: 5516 Temp: 16.0
690.00	187.22	-81.41	G	☑	
700.00	187.83	-81.28	G	☑	
710.00	188.18	-81.31	G	☑	

WALLBRIDGE MINING COMPANY LIMITED

HEADER REPORT

Hole Number | Project: **TRILL_SCJV** | Project Number: **504**

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
710.10	188.19	-81.31	G	☑	

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	8.62	**CAS** ***Casing*** ***Sudbury Breccia :*** Casing									
8.62	9.66	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** May be SDBX but may also be a dyke that fractured the wallrock? Mag =~1.2.									
9.66	14.00	**GR** ***Granite*** ***Sudbury Breccia :*** Heavily hematite Fe altered granite. Dark reddish pink. Mag =~0.35									
14.00	15.50	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Unsure if SDBX but I believe so. It appears to have a large disintigrating clast throughout most of it being thermomechanically eroded. Both ends of the SDBX are more typical Fg, dark grey matrix with small fragments. The large clast is from ~14.44m to 15.14m. The conacts are between 20-30dtca and are fairly irregular. Mag = ~40-60.									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
15.50	52.00	**GR** ***Granite*** ***Sudbury Breccia :*** Typical sausseritized granite from the area with weak Fe-staining. Minor small bands of SDBX throughout. Mag =~25-35.									
52.00	73.50	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** Typical Fg to Mg, grey MDIA of the area with up to 15% plagioclase glomeroporphyroblasts throughout. The dyke cuts at ~30-35dtca. From 52-60m, Mag =~6-12, while from 60-74m, Mag =~1.2.									
73.50	73.96	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Fg, dark grey to black but altered and bleached from fluid flow in some areas. May just be a chilled zone against the granite? MAG =~40									
73.96	74.76	**GR** ***Granite*** ***Sudbury Breccia :*** Altered and dark pinkish red. SDBX bands throughout.									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
74.76	77.38	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Same as upper side of granite block. Fg, dark grey to black but altered and bleached from fluid flow in some areas. May just be a chilled zone against the granite? MAG is highly variable ranging between 2 and 70.									
77.38	96.84	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** Typical Fg to Mg, grey MDIA of the area with up to 15% plagioclase glomeroporphyroblasts throughout. Contacts are not visible since the ends are either gradational and altered heavily or brecciated. MAG is very homogenous throughout at ~1.7.									
96.84	98.34	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Fg, dark grey to black but altered and bleached from fluid flow in some areas. Mostly larger clasts of the host MDIA with minor GR. May just be a chilled zone against the granite? MAG =~1.5									
98.34	101.58	**GR** ***Granite*** ***Sudbury Breccia :*** Darker pinkish grey granite that is becoming foliated and has a 70cm pegmatitic core in its center from ~99-99.70m. There are fine SDBX bands and fracture controlled epidote alteration throughout. MAG =~0.5-0.7.									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

101.58 103.64 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***

A good mixture of GR and MDIA fragments. MAG =~2.

103.64 104.88 **GR** ***Granite*** ***Sudbury Breccia :***

Dark pinkish red granite fragment/block. MAG is highly variable and fragment dependent ranging between ~5-60.

104.88 110.00 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :***

Upper portion is Fg, dark grey to black but altered and bleached from fluid flow in some areas. May just be a chilled zone against the granite? MAG =~20. The lower 3/4 of the unit is composed of more NDIA and GR fragments. MAG =~20-60.

110.00 142.00 **NDIA** ***Nipissing Diabase*** ***Sudbury Breccia :***

Fg, grey, homogenous, diabase (Nipissing?) dyke with coarser plagioclase growths evenly spread throughout. Fairly non-descript up to about 125m where it begins to become finer grained and more

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		altered with increasing fracture fillings probably caused by proximity to the underlying Shear. MAG =~40-70									
142.00	209.75	**SHR** ***Shear*** ***Sudbury Breccia :*** Ductile, healed shear zone composed mainly of Granite and Nipissing Diabase with an overall orientation between 25-30 dtca. The diabase section are very sheared and healed with carbonate+/-quartz comprising up to 60-70 of the unit in some sections. There is a more brittle looking faulted section from ~187-188.30m where the core is highly fractured and broken apart. Mag of the Shear is highly variable depending on what unit you are cutting through and even within the same unit. Mag can range from as low as 0.25 in pegmatitic quartz-Kspar rich zones up to 10-20 in the granites and a variable range of 1-60 in the diabase. Most of the granites are altered to a deep red color or darker reddish grey.									
209.75	227.17	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, dark pinkish red, heavily altered and Fe-stained Granite. Minor Pyrite disseminations throughout. Mag =~40-50									
227.17	228.40	**SHR** ***Shear*** ***Sudbury Breccia :*** Sheared diabase within the granite. Same contact angle of 25-30 dtca. Mag =~1.2									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

228.40 239.66 **GR** ***Granite*** ***Sudbury Breccia :***

Cg, dark pinkish red, heavily altered and Fe-stained Granite. Minor Pyrite disseminations throughout. Average Mag =~40 but there are zones that range between 75-125.

239.66 244.70 **SHR** ***Shear*** ***Sudbury Breccia :***

Zone of small shears in diabase within the granite. Same contact angle of 25-30 dtca. Mag =~8-10

244.70 271.04 **GR** ***Granite*** ***Sudbury Breccia :***

Cg, dark pinkish red, heavily altered and Fe-stained Granite. The last few meters before the QD is fractured and is especially altered and almost jasperoid. Minor Pyrite disseminations throughout. Mag =~50-60

Alteration Maj:	*Type/Style/Intensity*	*Comment*
260.00 - 271.04	HE P MS	

271.04 277.77 **QD** ***Quartz Diorite*** ***Sudbury Breccia :***

Typical Mg, non-inclusion QD with minor inclusions throughout. It appears to have a reddish hue or tint to the plagioclase possibly suggesting that the Shear is younger than the QD or possibly the shear acted as

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

a fluid pathway after emplacement of the QD? The QD is fairly competent but is full of brittle fractured sections as well. It is difficult to get a contact angle on the upper granite but it looks fairly shallow. Mag Susc is variable from 1.5-5.5 but averages ~2 milli SI.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

271.04 - 277.77 HE P MS

277.77 282.00 **IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

Fg, dark grey matrix with mostly small inclusions (<1cm) throughout comprising up to 10% of the unit overall. There are several larger highly altered granite inclusions between 5-10cm as well. Mag Susc ranges from 1.5-5 depending on clast composition but averages around 1.8. There are minor disseminated sulfides, mainly pyrite in the unit but mostly seem to be associated with the altered granite inclusions especially near the lower contact from ~281-282m.

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

281.00 - 282.00 PY DIS 0.1

282.00 284.00 **GR** ***Granite*** ***Sudbury Breccia :***

Large, highly altered granitic inclusion/block within the IQD. Mag =~50-80.

284.00 284.60 **IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

Fg, dark grey matrix with small (<0.5cm) inclusions throughout. Mag =~8.5.

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

284.60 285.70 **MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***

It is Fg, dark grey to black, very hard and siliceous with fine alteration bands throughout and plagioclase glomeroporphyroblasts. Mag ranges from 50-120.

285.70 285.90 **IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

Fg, dark grey matrix with small (<0.5cm) inclusions throughout. Small zone between 2 large blocks. Mag =~10.

285.90 286.35 **GR** ***Granite*** ***Sudbury Breccia :***

Large block in the IQD. Highly altered and cooked up dark red, granite with jasperoid zones as well as ochre patches that will be sampled. Mag =~1.8 but can get up to 9-10 in places.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
285.90 - 286.35	HE P I	

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
286.35	286.85	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :*** Small IQD band between heavily altered granite blocks. Mag =~2-5									
286.85	288.73	**GR** ***Granite*** ***Sudbury Breccia :*** Large block in the IQD. Highly altered and cooked up dark red, granite with jasperoid zones . Mag =~12-25. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 286.85 - 288.73 HE P S									
288.73	291.84	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :*** IQD with blocks of heavily altered, jasperoid granite and ochre. Mag =~0.85.	N985750	289.88	290.23	0.35	0.00	0.00	0.00	0.00	0.00
291.84	295.84	**QD** ***Quartz Diorite*** ***Sudbury Breccia :*** Typical Mg, non-inclusion QD with minor inclusions throughout. It appears to have a reddish hue or tint to the plagioclase possibly suggesting that the Shear is younger than the QD or possibly the shear acted as a fluid pathway after emplacement of the QD? The QD is fairly competent but is full of brittle fractured sections as well. It is difficult to get a contact angle on the lower granite but it appears to be ~40dtca with a 25-30cm finer grained chilled and altered zone against the granite. Mag =~0.9. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment***									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		291.84 - 295.84 HE P M									
295.84	305.34	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, dark pinkish red, moderately altered and Fe-stained Granite. Minor Pyrite disseminations throughout. Average Mag =~12 but ranges between 1-25.									
305.34	306.00	**FLT** ***Fault*** ***Sudbury Breccia :*** Clay rich, crumbly dark grey to black fault gouge. The upper contact to the granite is ~30dtca. Mag =~0.9-1.2.									
306.00	365.68	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. There is a zone of bleached and altered granite at the upper contact to the fault from ~306-314m with Sericite and Epidote as well and quartz veining. Average Mag =~12 but ranges between 1-25 throughout. The Mag of the intensely altered zone from 306-314 is ~0.75 milli SI.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		306.00 - 314.00 EP FF M									
		306.00 - 314.00 Ser PCH MS									
		306.00 - 314.00 BL P S									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
365.68	370.80	**SHR** ***Shear*** ***Sudbury Breccia :*** Possibly part of the shear zone, a smaller splay. Almost appears like a breccia with granitic fragments being torn from the large wallrock blocks. It is most likely a fg, dark grey to black diabase dyke intruding into the granite that sluffed several large blocks off during bifurcation which has been tectonically sheared and altered post emplacement. There appears to be very fine chill margins surrounding the granite fragments. No visible sulfides. Mag = ~1.25.									
370.80	375.90	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~0.65.									
375.90	376.60	**SHR** ***Shear*** ***Sudbury Breccia :*** Same as above. It is most likely a fg, dark grey to black diabase dyke intruding into the granite that sluffed several large blocks off during bifurcation which has been tectonically sheared and altered post emplacement. There appears to be very fine chill margins surrounding the granite fragments. No visible sulfides. Mag = ~1.45.									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
376.60	379.40	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~0.4.									
379.40	385.60	**SHR** ***Shear*** ***Sudbury Breccia :*** Matachewan Diabase that has been sheared and altered. Full of quartz-Carbonate-Pyrite healed fractures from ductile deformation. It contains the typical (<1cm) plagioclase glomeroporphyroblasts. Mag = ~1.3.									
385.60	386.46	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~0.35.									
386.46	387.08	**SHR** ***Shear*** ***Sudbury Breccia :*** Small shear zone in diabase with thick quartz-carbonate healed fractures especially against the granite contact which is running ~25dtca. Mag = ~1.7.									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
387.08	395.85	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~0.55.									
395.85	415.97	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** Typical Fg, grey MDIA dyke with (<1cm) plagioclase glomeroporphyroblasts. Contains far fewer healed fractures than the sheared diabase units above. Much more competent rock. The upper contact to the granite is sharp and ~25-30 dtca. The lower meter of the unit is much finer grained and chilled/altered against the granite. Mag =~3.									
415.97	517.75	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Several pegmatitic zones throughout as well as foliated portions. Nothing spectacular. An even Chlorite/Sericite-Epidote alteration of the mafics throughout with minor Magnetite. There is a finer grained portion of the granite from ~457-459.15m. The mag can range from 0.5-15 but for the most part the Mag averages ~2-3.									
517.75	520.15	**SHR** ***Shear*** ***Sudbury Breccia :*** Healed ductile Shear at the contact between the upper granite and lower diabase. Both units are fractured and healed and sheared. The actual contact between the two is at ~519.25m. Mag =~65.									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

520.15 559.88 **DIA** ***Diabase*** ***Sudbury Breccia :***

Fg, dark grey diabase with minor plag porphyroblasts throughout. Contacts are at ~25-30dtca. Mag =~3.6

559.88 561.35 **GR** ***Granite*** ***Sudbury Breccia :***

Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~0.55.

561.35 571.40 **SHR** ***Shear*** ***Sudbury Breccia :***

Ductile Shear within the diabase. There are a high amount of shallow fractures mostly running at ~20-30dtca that have been healed with Carbonate-Magnetite infill. Mag of the unit averages ~45 but can go as high as ~200 around larger healed fractures.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
561.35 - 570.00	EP F S	
561.35 - 570.00	MAG FF MS	
561.35 - 570.00	Carb FF MS	

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
571.40	573.40	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~0.55.									
573.40	576.63	**SHR** ***Shear*** ***Sudbury Breccia :*** Sheared Diabase with healed Carbonate-Magnetite fractures throughout. Mag =~65 milli SI.									
576.63	586.70	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~2-3.									
586.70	594.00	**SHR** ***Shear*** ***Sudbury Breccia :*** Healed ductile Shear at the contact between the upper granite and lower diabase. Both units are fractured and healed and sheared. Mag ranges from ~3-180 but most likely averages around ~40.									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
594.00	612.62	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~0.55.									
612.62	618.30	**SHR** ***Shear*** ***Sudbury Breccia :*** Sheared Diabase with healed Carbonate-Magnetite fractures throughout. Mag =~120 milli SI.									
618.30	628.10	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fine grained, dark grey diabase unit. Mag =~120 milli SI.									
628.10	632.45	**GR** ***Granite*** ***Sudbury Breccia :*** Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~25.									
632.45	634.20	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fine grained, dark grey diabase unit. Mag =~105 milli SI.									

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

634.20 701.82 **GR** ***Granite*** ***Sudbury Breccia :***

Cg, pinkish red, moderately altered and Fe-stained Granite. There is a small 10cm zone of SDBX at ~349.50m. Mag = ~30.

701.82 702.22 **SHR** ***Shear*** ***Sudbury Breccia :***

Ductily sheared Diabase with healed Carbonate-Magnetite fractures throughout. Mag =~15 but where there are the CC-Mag fracture healings it can go up to 110 milli SI.

702.22 714.24 **GR** ***Granite*** ***Sudbury Breccia :***

Cg, pinkish red, moderately altered and Fe-stained Granite. Mag = ~40.

714.24 0.00 **EOH** ***End of Hole*** ***Sudbury Breccia :***

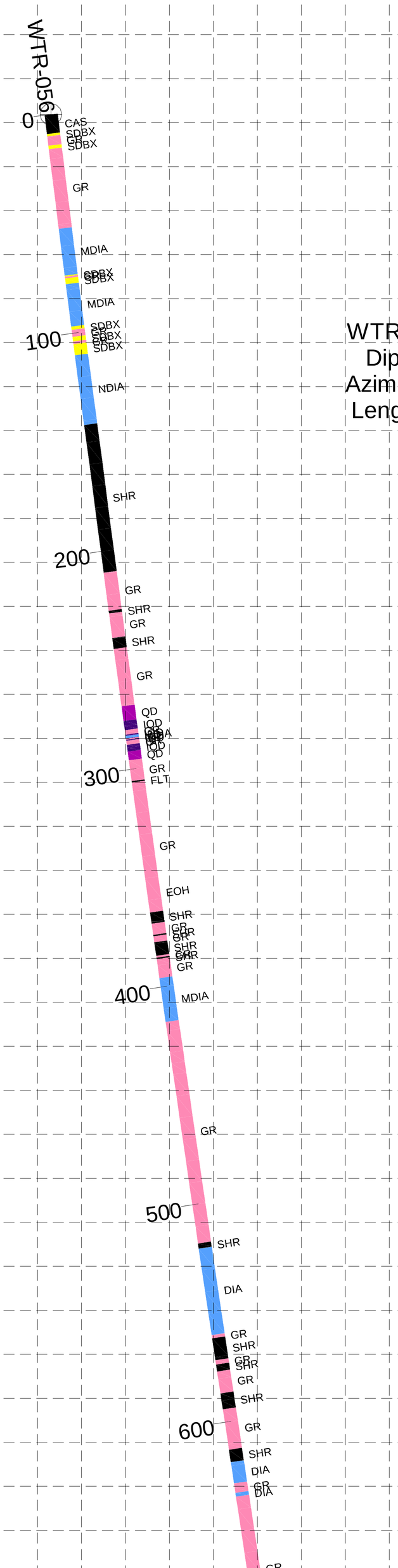
WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-056** Project: **TRILL_SCJV** Project Number: **504**

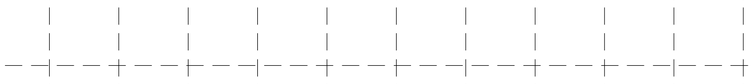
From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Claim S1167121
2013-2014 Drilling
Trill Property



WTR-056
Dip= -83
Azimuth= 189.36
Length= 714.24m

CAS= Casing, SDBX= Sudbury Breccia, GR= Granite, MDIA= Matachewan Diabase, NDIA= Nipissing Diabase, SHR= Shear, QD- Quartz Diorite, IQD= Inclusion Quartz Diorite, FLT= Fault, DIA= Diabase



WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

Drilling

Azimuth: 230
Dip: -57
Length: 465.2
Started: 09-Mar-14
Completed: 15-Mar-14
Logged: 11-Mar-14
Comment:

Casing

Length: 0
Pulled: no
Capped: yes
Cemented: no

Core

Dimension: NQ
Storage: Core Shed
Section:
Hole Type DD

Location

Township: TOTTEN
Claim No.: 4207195
NTS:
Hole: SURFACE

Coordinate - Gemcom

East: 455741
North: 5151933
Elev.: 360

Coordinate - UTM

East: 455741
North: 5151933
Elev.: 360
Zone: 17 **NAD:** 27

Other

Logged by: Shannon Baird
Relog by:
Contractor: Jacob & Samuel Drilling Ltd.
Spotted by: Tom Johnson
Surveyed:
Surveyed by:
Geophysics: None
Geophysic Contractor:
Left in hole: Nothing
Making water: no
Multi shot survey: no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	230.00	-57.00	C	☑	
30.00	228.90	-57.00	F	☑	Mag: 5547 Temp: 7.3
81.00	231.80	-57.00	F	☑	Mag: 5118 Temp: 17.5 Roll: 177.7
132.00	226.90	-56.40	F	☑	Mag: 5368 Temp: 12.2
183.00	221.50	-56.30	F	☑	Mag: 5324 Temp: 9.7 Roll: 141.9
234.00	233.70	-56.40	F	☑	Mag: 5470 Temp: 11.5
285.00	219.60	-56.20	F	☑	
336.00	230.10	-55.90	F	☑	Mag: 5393 Temp: 16.0
387.00	227.50	-56.00	F	☑	Mag: 5312 Temp: 15.5 Roll: 213.0
438.00	233.80	-55.50	F	☑	Mag: 5545 Temp: 14.7

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	14.30	**CAS** ***Casing*** ***Sudbury Breccia :*** Casing to 15m but much rubble up to ~13m. Rubble left out of log.									
14.30	20.00	**GR** ***Granite*** ***Sudbury Breccia :*** Metamorphosed Granite with heavy alteration and minor brecciation. Mag =~13.									
20.00	23.10	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Mg, grey, metagabbro or Intermediate Gneiss with minor foliations. Mag =~110.									
23.10	24.60	**GR** ***Granite*** ***Sudbury Breccia :*** MetaGranitoid with small dark microfractures and brecciations throughout. Minor epidote banding. Mag =~55.									
24.60	25.35	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***									

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Mg, grey, metagabbro or Intermediate Gneiss with an amphibolite grade metamorphism. Mag =~130.									
25.35	27.00	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2D5** Small SDBX veins cutting through MetaGabbro and Granitid. Cold breccia. Mag =~55.									
27.00	27.80	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Mg, grey, metagabbro or Intermediate Gneiss with an amphibolite grade metamorphism. Mag =~125.									
27.80	28.70	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2D5** Brecciated Granitoid with very cold SDBX veins and small granitic fragments. Mag =~65.									
28.70	38.27	**GR** ***Granite*** ***Sudbury Breccia :*** Very felsic granitoid with minor fracturing and epidote alteration. Moderately metamorphosed. Mag =~3-5 but can spike up to 110 milli SI.									

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
38.27	38.42	**SDBX**	***Sudbury Breccia***	***Sudbury Breccia :***								
		Small SDBX band cutting through the granite near the contact f the Metagabbro. The breccia is bleached and epidote altered and very cold. Mag =~3.										
38.42	38.52	**GR**	***Granite***	***Sudbury Breccia :***								
		Small contact to metagabbro cut off by SDBX band. Mag =~1.5.										
38.52	39.34	**UMAF**	***Ultramafic***	***Sudbury Breccia :***								
		Fg to Mg, greyish green, partially bleached and altered Ultramafic block in the Breccia. Mag =~2.5.										
39.34	39.94	**SDBX**	***Sudbury Breccia***	***Sudbury Breccia :***	**2AD5**							
		Moderately cold SDBX with a mixture of small Granitoid and larger altred light greyish green ultramafic near the contact. Mag =~20.										

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology		Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
39.94	43.00	**GAB**	***Gabbro***									
		MetaGabbro to IGN between 2 larger SDBX zones. Probably a large block. Mag =~35.										
43.00	44.27	**IGN**	***Intermediate Gneiss***									
		MetaGabbro to IGN between 2 larger SDBX zones. Probably a large block. Mag =~150.										
44.27	48.45	**SDBX**	***Sudbury Breccia***									
		Large SDBX zone of brecciated Granitoid with several clasts of IGN and MGAB as well. Up to 40% Matrix. Very cold matrix. Mag =~70.										
48.45	49.87	**GR**	***Granite***									
		Minor brecciation within a Granitic Block in the SDBX. Mag =~30.										

Sudbury Breccia : **2BD5**

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
49.87	51.06	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Large SDBX zone of brecciated Granitoid with several clasts of IGN and MGAB as well. Up to 40% Matrix. Very cold matrix. Mag =~50.									
51.06	51.50	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** Fg, dark grey MDIA with up to 2cm sized plagioclase glomeroporphyroblasts. Mag =~90.									
51.50	51.70	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Small SDBX band cutting the MDIA unit. The breccia is matrix supported and consists mainly of granitoid and MDIA clasts. Mag =~50.									
51.70	59.80	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :*** Fg, dark grey MDIA with up to 2cm sized plagioclase glomeroporphyroblasts. Mag =~130.									

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
59.80	69.25	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** IGN similar to above. Possibly a large block. Mag =~55.									
69.25	69.65	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Cold SDBX with IGN and DIA fragments from the contact between the two. Mag =~120.									
69.65	71.12	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey to black diabase unit. Mag =~160.									
71.12	72.25	**QMON** ***Quartz Monzonite*** ***Sudbury Breccia :*** Light pinkish grey granitoid with very little mafics. Mag =~8.									

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
72.25	79.25	**GAB** ***Gabbro*** ***Sudbury Breccia :*** Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~35.									
79.25	81.60	**GR** ***Granite*** ***Sudbury Breccia :*** Very felsic granitoid with minor fracturing and epidote alteration. Moderately metamorphosed. Mag =~2-3. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 79.25 - 81.60 PY BL 2	N985851	79.28	80.28	1.00	0.00	0.00	0.00	0.00	0.00
81.60	82.20	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey to black diabase unit. Very dark and very fine grained quenched/chilled diabase. Mag =~260.									
82.20	84.56	**GR** ***Granite*** ***Sudbury Breccia :*** Very felsic granitoid with minor fracturing and epidote alteration. Moderately metamorphosed. Mag =~3-5.									

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
84.56	84.90	**GAB** ***Gabbro*** ***Sudbury Breccia :*** Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~22.									
84.90	85.60	**GR** ***Granite*** ***Sudbury Breccia :*** Very felsic granitoid with minor fracturing and epidote alteration. Moderately metamorphosed. Mag =~4-5.									
85.60	88.05	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly salt and peppery, medium grained with interspersed leucosome bands. Mag =~110.									
88.05	89.18	**GR** ***Granite*** ***Sudbury Breccia :*** Very felsic granitoid with minor fracturing and epidote alteration. Moderately metamorphosed. Mag =~25.									

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
89.18	91.70	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey with foliation/banding. Mostly lighter bleached bands with salt and peppery, medium grained texture with larger interspersed leucosome bands. Mag =~25 but can range up to 90.									
91.70	92.60	**GAB** ***Gabbro*** ***Sudbury Breccia :*** Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~10-20 but can jump up to 120.									
92.60	92.70	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey to black diabase unit. Very dark and very fine grained quenched/chilled diabase. Mag =~250.									
92.70	93.10	**GAB** ***Gabbro*** ***Sudbury Breccia :*** Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~50.									

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

93.10 94.95 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Mag =~150.

94.95 105.75 **GAB** ***Gabbro*** ***Sudbury Breccia :***

Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~20.

105.75 109.70 **DIA** ***Diabase*** ***Sudbury Breccia :***

Fg, dark grey diabase unit. Mag =~170 but ranges between 100-250.

109.70 112.94 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Mag =~75.

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
112.94	115.30	**GAB** ***Gabbro*** ***Sudbury Breccia :*** Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~30.									
115.30	117.63	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~15.									
117.63	125.00	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. There are several quartofeldspathic veins crosscutting between 122-123m with disseminated pyrite +/- magnetite throughout. Mag =~125 but ranges between 25 and 170.	N985852	122.20	122.80	0.60	0.00	0.00	0.00	0.00	0.00
125.00	127.50	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey with foliation/banding. Mostly medium grained with weak foliations and microfractures									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		throughout. Mag =~20.									
127.50	131.40	**GAB** ***Gabbro*** ***Sudbury Breccia :*** Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~75-80.									
131.40	136.22	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Mag =~95 but ranges between 75 and 130.									
136.22	136.92	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~15.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
136.92	138.00	**GAB** ***Gabbro*** ***Sudbury Breccia :*** Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~200.									
138.00	138.50	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~15.									
138.50	140.60	**GAB** ***Gabbro*** ***Sudbury Breccia :*** Mg to Cg, dark greyish green metamorphosed Gabbro with thin leucosome bands throughout. Unit has been amphibolized and is nearing Mafic Gneiss territory. Mag =~130.									
140.60	142.05	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~45.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
142.05	143.18	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Several small blebs of up to 1% Pyrite and Chalcopyrite associated with a granitic/felsic band in the altered IGN located at ~172.80m. Mag =~16-20.	N985853	142.13	142.65	0.52	0.00	0.00	0.00	0.00	0.00
			N985854	142.65	142.95	0.30	0.00	0.00	0.00	0.02	0.04
143.18	148.30	**UMAF** ***Ultramafic*** ***Sudbury Breccia :*** Dark greyish green to black, fine grained ultramafic. Very soft with talc veins crosscutting. Mag =~40 but can range between 15 and 90.									
148.30	149.20	**MGN** ***Mafic Gneiss*** ***Sudbury Breccia :*** Dark grey to black foliation/banding. Mostly medium grained peppery and amphibolized, with interspersed leucosome bands. Mag =~50.									
149.20	154.50	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Mag =~100 but ranges between 30 and 190.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
154.50	154.80	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2D5** Very cold, fine grained, dark grey to black SDBX with small granitoid fragments at the contacts between the IGN and DIA. Mag =~150.									
154.80	155.48	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey, chilled diabase unit. Mag =~275.									
155.48	156.16	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~40.									
156.16	167.95	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Mag =~100 but can range from 25 to 180 milli SI.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
167.95	170.90	**MGN** ***Mafic Gneiss*** ***Sudbury Breccia :*** Dark grey to black foliation/banding. Mostly medium grained peppery and amphibolized, with interspersed leucosome bands. Mag =~30 but ranges between 10 and 100.									
170.90	174.50	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~4-8.									
174.50	193.98	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey diabase unit. Mag =~45 but ranges between 15 and 80.									
193.98	194.47	**MGN** ***Mafic Gneiss*** ***Sudbury Breccia :*** Dark grey to black foliation/banding. Mostly medium grained peppery and amphibolized, with interspersed leucosome bands. Mag =~45.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
194.47	195.60	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Very cold, fine grained, dark grey to black SDBX with large granitoid and FGN to IGN fragments at the contacts between the IGN and DIA. Mag =~30 but ranges between 10 and 120 milli SI.									
195.60	196.25	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Mag =~35.									
196.25	196.42	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2B5** Small band of cold, dark grey, fine grained SDBX cutting through the IGN with small fragments within. Mag =~150.									
196.42	196.93	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Small winding 1-2cm bands of SDBX cutting through. Mag =~60.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
196.93	197.03	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2B5** Small band of cold, dark grey, fine grained SDBX cutting through the IGN with small fragments within. Mag =~70.									
197.03	211.55	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly finer grained light salt and peppery, with interspersed leucosome bands. Mag =~8-10.									
211.55	211.80	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Very cold, fine grained, dark grey to black SDBX with a couple >5cm granitoid clasts and FGN to IGN fragments at the contacts between the IGN and DIA. Mag =~35.									
211.80	221.60	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey diabase unit. Mag =~95 but ranges between 25 and 130.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

221.60 236.80 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Light pinkish grey to orange with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. It is variable and may actually turn to IGN several times. Mag =~20 but ranges from 2-125.

236.80 237.14 **GRBX** ***granite breccia*** ***Sudbury Breccia :***

Same as above but appears to be partially brecciated and partially melted or heavily altered. Mag =~1-3.

237.14 237.25 **FLT** ***Fault*** ***Sudbury Breccia :***

Small zone of highly fractured and blocky rocks at the contact between the intrusive ultramafic and the altered Levack Gneiss. Not sure if it is an actual fault or if it is just a highly altered zone at the contact of the intrusion/dyke.

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
237.25	241.78	**UMAF** ***Ultramafic*** ***Sudbury Breccia :*** Dark greenish black, Mg to Cg, soft Ultramafic, possibly more mafic than Pyroxenite below, may have serpentinized olivines throughout possibly making the original rock a Lherzolite (Peridotite). The serpentinization will cause excessive magnetite to be formed from the breakdown of the olivines. Possibly a near cumulate texture. Very high Mag. Will possibly run for Ni and maybe PGEs? The lower contact to the Carbonate+/-Talc Vein is at ~45 dtca and fairly sharp with a Silvery mineral along the boundary, possibly Hematite or Graphite but unsure, doesn't streak Red and is too soft and has no cleavage to be Galena. Galena also doesn'e make sense for how mafic the intrusion is but an Fe-rich mineral would? Mag =~250-300.	N985855	237.25	238.65	1.40	0.00	0.00	0.00	0.11	0.02
			N985856	238.65	240.15	1.50	0.00	0.00	0.00	0.14	0.02
			N985857	240.15	241.65	1.50	0.00	0.00	0.00	0.10	0.02
			N985858	241.65	241.85	0.20	0.00	0.00	0.00	0.06	0.00
241.78	241.84	**DOL** ***Dolomite*** ***Sudbury Breccia :*** Carbonate vein at the contact between the Gneiss and the Ultramafic intrusion. Probable Galena vein at contact. See description above. Mag =~2.									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		241.78 - 241.84 GR VN 5 Possibly Hematite or Galena? Silvery and Soft. May even be Graphite.									
241.84	251.38	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Dark grey to light grey foliation/banding. Mostly Medium grained light salt and peppery, with interspersed leucosome bands. There are patches of heavier alteration and/or bleaching especially surrounding fractures with Fe-stained halos and veins bleeding off from the ultramafic. Mag =~80 but ranges between 50 and 125 milli SI.									
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		241.84 - 251.38 SA P M									
		241.84 - 251.38 HE F M									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
251.38	253.50	**FWBX** ***Footwall Breccia*** ***Sudbury Breccia :*** Brecciated IGN that has been highly altered by the intrusion below and is being incorporated and assimilated into the Pyroxenite. There is a lot of bleaching, fracturing and and fragmenting. It grades into a more pyroxenite rich version of the breccia before grading fully into the pyroxenite. Mag =~60 but ranges between 30 and 160 milli SI.									
253.50	256.00	**PYXT** ***Pyroxenite*** ***Sudbury Breccia :*** Pyroxenite Breccia same as above but the footwall has been more fully assimilated and is interstitially rich with the pyroxenite intrusion. Intermediate unit between the IGN footwall breccia and the pyroxenite below. Mag =~35-55.	N985859	253.30	254.80	1.50	0.00	0.00	0.00	0.00	0.00
			N985860	254.80	256.30	1.50	0.00	0.00	0.00	0.02	0.01
256.00	263.79	**PYXT** ***Pyroxenite*** ***Sudbury Breccia :*** Dark grey, Mg to Cg Ultramafic Pyroxenite intrusive sill. Most likely East Bull Lake in age ~2470Ma? This is determined by the intrusive contacts to the Levack Gneiss as well as being cut by several diabase dykes of probable Matachewan to Nipissing age therefore constraining age dates. Mag =~110.	N985861	256.30	257.80	1.50	0.00	0.00	0.00	0.07	0.01
			N985862	257.80	259.30	1.50	0.00	0.00	0.00	0.04	0.02
			N985863	259.30	260.80	1.50	0.00	0.00	0.00	0.04	0.02
			N985864	260.80	262.30	1.50	0.00	0.00	0.00	0.05	0.02
			N985865	262.30	263.80	1.50	0.00	0.00	0.00	0.05	0.02

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
263.79	264.56	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey diabase dyke cutting through the UMAF unit. Sharp upper contact cutting at ~65dtca with the lower contact being fractured and blocky. Mag =~35.	N985866	263.80	264.56	0.76	0.01	0.02	0.02	0.01	0.03
264.56	266.60	**UMAF** ***Ultramafic*** ***Sudbury Breccia :*** Heavily altered ultramafic which grades into more fresh Pyroxenite below. It appears much lighter in color and may be serpentinized or altered to talc? It is even lighter in weight, lower specific gravity. Mag =~2-3.	N985867	264.56	265.75	1.19	0.00	0.01	0.00	0.05	0.01
			N985868	265.75	267.25	1.50	0.00	0.00	0.00	0.04	0.01
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***									
		264.56 - 266.60 TLC P MS									
		264.56 - 266.60 SERP P MS									
266.60	280.76	**PYXT** ***Pyroxenite*** ***Sudbury Breccia :*** Same sill unit as above. Mag =~80.	N985869	267.25	268.75	1.50	0.00	0.00	0.00	0.05	0.02
			N985872	268.75	270.25	1.50	0.00	0.01	0.00	0.06	0.02
			N985873	270.25	271.75	1.50	0.00	0.01	0.01	0.09	0.01
			N985874	271.75	273.25	1.50	0.00	0.01	0.00	0.10	0.02
			N985875	273.25	274.75	1.50	0.00	0.00	0.00	0.11	0.01
			N985876	274.75	276.25	1.50	0.00	0.00	0.00	0.12	0.01
			N985877	276.25	277.75	1.50	0.00	0.01	0.00	0.13	0.01
			N985878	277.75	279.25	1.50	0.00	0.00	0.00	0.14	0.01
			N985879	279.25	280.75	1.50	0.00	0.00	0.00	0.13	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
280.76	283.53	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey diabase dyke cutting through the UMAF unit. Sharp contacts cutting at ~65dtca. Mag =~20 but ranges between 2 and 40.	N985880	280.75	282.25	1.50	0.00	0.00	0.00	0.01	0.02
			N985881	282.25	283.53	1.28	0.00	0.00	0.00	0.01	0.01
283.53	285.07	**PYXT** ***Pyroxenite*** ***Sudbury Breccia :*** Same as above but with a sharp lower contact to the Levack Gneiss at ~70dtca. There appears to be several fine dark black fractures with dark halos. Mag =~150.	N985882	283.53	285.07	1.54	0.00	0.01	0.01	0.14	0.01
285.07	302.77	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey to orange with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~45.									
302.77	304.02	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey diabase dyke cutting between the gneissic unit. Sharp contacts cutting at ~55-60dtca. Mag =~200.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

304.02 305.30 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Pinkish grey to orange with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. It is variable and may actually turn to IGN several times. Mag =~50.

305.30 305.80 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Highly altered and felsic zone of quartz-feldspar-sericite-epidote alteration throughout. Mag =~6.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
305.30 - 305.80	MS P M	
305.30 - 305.80	EP F MS	
305.30 - 305.80	BL P I	

305.80 306.45 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Felsic Gneiss between zones of heavy alteration. Mag =~12.

306.45 309.40 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Highly altered and felsic zone of quartz-feldspar-sericite-epidote alteration throughout. Mag =~0.5.

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Alteration Maj:	Type/Style/Intensity	Comment
306.45 - 309.40	MS P MS	
306.45 - 309.40	EP P M	
306.45 - 309.40	BL P I	

309.40 342.40 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Typical dark grey to light grey foliation/banding. Mostly Medium grained light salt and peppery, with interspersed leucosome bands. Mag =~10.

342.40 343.52 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Highly altered and felsic zone of quartz-feldspar-sericite-epidote alteration throughout. There is also a 2-3cm wide quartz-carbonate+/-talc vein cutting the core at a very low angle to axis at ~342.70-342.80m. Mag =~25.

343.52 367.18 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Light pinkish grey to orange with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. There is also a 2-3cm wide quartz-carbonate+/-talc vein cutting the core at a very low angle to axis at ~354.20-354.80m as well as at 362.90-363.20m. Mag =~40.

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
367.18	380.70	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Typical dark grey to light grey foliation/banding. Mostly Medium grained light salt and peppery, with interspersed leucosome bands. Mag =~30 but ranges between 8 and 60 milli SI.									
380.70	380.85	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Small zone of SDBX between some IGN and FGN. It is cold and grey with small FGN fragments being ripped off the wall as well as a >1cm IGN. Mag =~110.	**2C5**								
380.85	383.65	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey to orange with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~65.									
383.65	383.95	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** Small zone of SDBX between some IGN and FGN. It is cold and grey with small FGN fragments being									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		ripped off the wall as well as a >1cm IGN. Mag =~80.									
383.95	385.90	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish grey to orange with foliation/banding. Mostly medium grained with weak foliations and microfractures throughout. Mag =~1-3.									
385.90	402.12	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg to Mg, dark grey diabase dyke cutting between the gneissic unit. Sharp contacts cutting at ~55-60dtca. Mag =~70 but ranges between 30 and 120 milli SI.									
402.12	411.30	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Typical dark grey to light grey foliation/banding. Mostly Medium grained light salt and peppery, with interspersed leucosome bands. Mag =~50.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
411.30	412.10	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Light pinkish orange with foliation/banding. Mostly finer to medium grained with weak foliations. Probably very altered with a weak Fe-alteration as well. Mag =~3.									
412.10	425.40	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Typical dark grey to light grey foliation/banding. Mostly Medium grained light salt and peppery, with interspersed leucosome bands. Mag =~60.									
425.40	433.23	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey diabase dyke. Sharp contacts cutting at ~55dtca. Mag =~80 but ranges between 50 and 120 milli SI.									
433.23	449.82	**IGN** ***Sudbury Breccia :*** Typical dark grey to light grey foliation/banding. Mostly Medium grained light salt and peppery, with interspersed leucosome bands. Small zone of SDBX veins up to 2cm wide cutting the IGN near the lower contact to the DIA between 449.22 to 449.56m. Mag =~60.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
449.82	457.03	**DIA** ***Sudbury Breccia :*** Fg to Mg, dark grey diabase dyke cutting between the gneissic unit. Sharp contacts cutting at ~55-60dtca. Mag =~75 but ranges between 50 and 90 milli SI.									
457.03	458.53	**IGN** ***Sudbury Breccia :*** Small block or zone of altered IGN sandwiched between the DIA above and UMAF Pyroxenite below. It is very mafic poor and appears silicified and fractured with Fe-staining halos and fracture filling. Mag =~1-3.									
458.53	461.87	**PYXT** ***Pyroxenite*** ***Sudbury Breccia :*** Dark grey to black, Mg to Cg Ultramafic Pyroxenite intrusive sill. Most likely East Bull Lake in age ~2470Ma? This is determined by the minor intrusive contacts to the Levack Gneiss as well as being cut by a diabase dyke of probable Matachewan to Nipissing age therefore constraining age dates. No visible sulfides but will be sampled for ICP and WR to test for PGEs and Ni as well as compare element ratios for testing metal depletions. There appears to be the same type of altered olivine/pyroxene ghost minerals as in the High Mag Pyxt unit above. It is cut by several carboate filled fractures and weakly serpentinized. Mag =~90 but ranges between 60 and 150 milli SI.	N985883	458.60	459.84	1.24	0.00	0.01	0.00	0.13	0.02
			N985884	459.84	460.30	0.46	0.00	0.00	0.00	0.14	0.01
			N985885	460.30	461.87	1.57	0.00	0.00	0.00	0.11	0.01

Alteration Maj:	*Type/Style/Intensity*	*Comment*
458.53 - 461.87	Carb FF WM	
458.53 - 461.87	SERP P W	

Hole Number **WTR-057** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
461.87	462.47	**DIA** ***Diabase*** ***Sudbury Breccia :*** Fg, dark grey diabase dyke cutting through the UMAF Pyroxenite unit. Sharp variable contacts cutting between ~40-60dtca with the upper contact being more irregular. Mag =~30.	N985886	461.87	462.47	0.60	0.01	0.02	0.03	0.02	0.02
462.47	465.20	**PYXT** ***Pyroxenite*** ***Sudbury Breccia :*** Same as above. Mag =~65 but ranges between 30 and 100 milli SI.	N985887	462.47	463.70	1.23	0.00	0.01	0.01	0.11	0.01
			N985888	463.70	465.20	1.50	0.00	0.01	0.00	0.11	0.01
465.20	0.00	**EOH** ***End of Hole*** ***Sudbury Breccia :***									

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

462.47 - 465.20 SERP P W

462.47 - 465.20 Carb FF M

Claim 4207195
2013-2014 Drilling
Trill Property

WTR-057

DIP= -57

Azimuth= 230

Length= 465.2

m

CAS= Casing, GR= Granite, IGN= Intermediate Gneiss, SDBX= Sudbury Breccia, GAB= Gabbro, MDIA= Matachewan Diabase, QMON= Quartz Monzanite, DIA= Diabase, FGN= Felsic Gneiss, UMAF= Ultramafic, MGN= Mafic Gneiss, FWBX= Footwall Breccia, PYXT= Pyroxenite, EOH= End of Hole

Scale 1:800

WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

Drilling

Azimuth:	180
Dip:	-45
Length:	518.08
Started:	12-Aug-14
Completed:	22-Aug-14
Logged:	28-Aug-14

Casing

Length:	0
Pulled:	no
Capped:	yes
Cemented:	no

Core

Dimension:	NQ
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	TRILL
Claim No.:	129977
NTS:	
Hole:	SURFACE

Other

Logged by:	Marshall Hall
Relog by:	
Contractor:	Jacob & Samuel Drilling Ltd.
Spotted by:	Tom Johnson
Surveyed:	yes
Surveyed by:	Wallbridge-Other
Geophysics:	None
Geophysic Contractor:	
Left in hole:	Nothing
Making water:	no
Multi shot survey:	no

Comment: Box 26 has a note stating the box was dropped. It is unknown if the box was dropped open or closed. Box was rebuilt by matching the start and end of the box with previous and next boxes respectively. However there remains a chance that the core on the inside of the box is not in the appropriate order.

Collar DGPSed by D. Smith 'WM_082215A'.

Coordinate - Gemcom

East:	458101.85
North:	5146861.7
Elev.:	338.02

Coordinate - UTM

East:	458101.85
North:	5146861.7
Elev.:	338.02
Zone:	17
NAD:	27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-45.00	C	☑	
32.00	182.70	-44.10	F	☑	Mag: 5489 Temp: 14.9 Roll: 005.6
83.00	186.50	-43.60	F	☑	Mag: 5497 Temp:15.3 Roll: 265.5
134.00	184.20	-43.50	F	☑	Mag: 5450 Temp: 19.8
185.00	180.00	-43.40	F	☐	couldn't read mag on unit
347.00	188.10	-43.40	F	☑	Mag: 5517 Temp: 17.9
398.00	187.90	-43.60	F	☑	Mag: 5504 Temp: 22.9
452.00	187.80	-43.30	F	☑	Mag: 5541 Temp: 19.5
518.00	189.40	-43.50	F	☑	Mag: 5530 Temp: 18.8

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	16.00	**CAS** ***Casing*** ***Sudbury Breccia :*** First box of core is all casing, and part of the second box is as well									
16.00	19.09	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Coarse, grained, semi-crystalline, with local sections displaying a moderate foliation (37dtca). Composed of feldspar, plagioclase, quartz and aphanitic mafics. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 19.08 - 19.09 LC 35									
19.09	24.95	**PYXT** ***Pyroxenite*** ***Sudbury Breccia :*** Fine to medium grained, dark blue to black with bluish tints, slightly magnetic, and contains some remnant pyroxene grains (indicated by 90/90 cleavage). The lower contact is cut by SDBX with a trend of 35dtca. ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 24.94 - 24.95 LC 35	P446852 P446853	20.51 24.76	22.00 25.13	1.49 0.37	0.00 0.00	0.00 0.00	0.01 0.00	0.08 0.02	0.01 0.01

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
24.95	93.10	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***	P446854	29.67	30.02	0.35	0.00	0.00	0.00	0.00	0.00
			P446855	49.07	49.39	0.32	0.00	0.00	0.00	0.01	0.00
			P446856	50.28	50.62	0.34	0.00	0.00	0.00	0.00	0.01
			P446857	70.99	71.32	0.33	0.00	0.00	0.00	0.00	0.00

The upper portion of this section (ending at 50.84m) is slightly more granitic and has weak to no foliation. Over all the unit is moderately heterogeneous and is a mix between granitic rocks and smaller melanosomes. Locally hematite and siliceous alteration can be pervasive. Average foliation is ~25dtca

25.00m 1cm wide veinlet of magnetite trending 41dtca
29.42-39.21m zone with moderate pervasive hematite alteration
  29.66-30.00m massive quartz with pyrite mineralization (1%)
  31.00-31.50m carbonate vein trending 10dtca with small angular clasts of country rock (but not quite enough to be called a breccia)
  32.65-32.89m massive quartz with 1% pyrite (not sampled)
46.56-46.69m 5mm carbonate vein that trends parallel to core axis with minor deviations in orientation.
45.00-49.39m small shear zone trending 36dtca, with pervasive chlorite alteration, minor epidote veining and carbonate veining.
50.46m 5cm diabase dyke cutting 31dtca with a 1cm band of epidote alteration on either side with trace amounts of epidote.
57.00m 20cm zone of epidote alteration in a feldspar rich zone
59.00-59.26m weakly sheared zone centered around a 1.5cm wide carbonate vein that has sub-rounded clasts of country rock, and possible shear sinistral shear sense indicators
68.00m 1.5cm wide blue carbonate vein trending 18dtca
71.12m carbonate vein trending 30dtca, 1.5cm wide with 5% pyrite mineralization.
85.36-85.56m zone of siliceous alteration mixed with quartz and epidote veining
85.56-87.00m small zone with an abundance of pyroxene grains and trace magnetite

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
50.42 - 50.43	CP BL 0.1	trace blebs in epidote

Structure Maj.:	***Type/Core Angle***	***Comment***
49.06 - 49.69	SHR 36	
59.00 - 59.26	SHR 18	

93.10 94.05 **DIA** ***Diabase*** ***Sudbury Breccia :***

Aphanitic, black, strongly magnetic, cut by weak quartz and epidote veining. Both the upper and lower contacts are brecciated and have a thin rim of epidote.

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
94.05	129.63	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***	P446858	104.84	105.12	0.28	0.00	0.00	0.00	0.00	0.00
		Similar to previous sections. 105.00m 1cm wide carbonate vein with 5% pyrite and some epidote as well. Vein trends 28dtca. 114.76m 1% pyrite along a joint face trending 16dtca									
129.63	133.60	**DIA** ***Diabase*** ***Sudbury Breccia :***	P446859	129.61	129.94	0.33	0.00	0.02	0.02	0.01	0.00
		Very fine grained, dark blue to black, and highly magnetic. The unit is cut by weak carbonate veining and has local sections of pervasive epidote alteration. The upper 7cm is marked by a brecciated section with angular magnetite grains intergrown with pyrite, housed in a matrix of epidote that also contains abundant mm sized grains of gneiss. This zone is then followed a region containing multiple chilled margins (indicating multiple injections). Trace amounts of ccp can be seen through out the section and SDBX cuts the section irregularly. The lower contact is rich in quartz and epidote alteration with small pyrite stringers filling fractures in the section.	P446860	130.48	130.99	0.51	0.00	0.02	0.02	0.01	0.01
			P446861	131.63	132.32	0.69	0.00	0.02	0.02	0.01	0.04
			P446862	132.88	133.19	0.31	0.00	0.02	0.02	0.00	0.01
		131.40-131.50m trace stringers of pyrite trending 29dtca 131.80m trace ccp in feldspathic clasts that are cut by carbonate veins 132.22m trace ccp in carbonate 130.90m trace ccp in carbonate 133.00-133.19m there is moderate pervasive epidote alteration cut by small stringers of pyrite									

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
130.90 - 130.91	CP BL 0.1	trace blebs in carbonate
131.80 - 131.81	CP BL 0.1	trace blebs in feldspathic grains cut by carbonate
132.22 - 132.23	CP BL 0.1	trace blebs in carbonate

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
133.60	169.34	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***	P446863	134.14	134.44	0.30	0.00	0.00	0.00	0.00	0.01
			P446864	135.37	135.68	0.31	0.00	0.00	0.00	0.00	0.00
			P446865	147.57	147.84	0.27	0.00	0.00	0.00	0.00	0.00
			P446866	168.37	168.65	0.28	0.00	0.00	0.00	0.00	0.00

Not overly heterogeneous and is composed of granitic leucosomes that have undergone varying degrees of hematite alteration, and are interbanded with melanosomes. Carbonate veining is relatively weak in the unit and ccp can be seen in trace amounts as discrete blebs (0.0001% of section).

134.20m ~5 blebs or ccp that are associated with quartz grains, and are found along the margin of a leucosome/melanosome
138.54m 4cm wide epidote vein trending 24dtca with 2% pyrite
137.00-138.00m trace pyrite can be seen in epidote alteration
143.00m ~15cm of torqued core
147.66m pyrite with possible ccp found along the edge of a leucosome/melanosome contact that trends 18dtca
151.24m 1cm wide shear zone trending 18dtca
153.50m trace blebs of pyrite
168.46m pinhead grain of ccp
169.34m single grain of ccp on the contact

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
147.66 - 147.67	CP BL 0.01	trace ccp in pyrite
168.46 - 168.47	CP BL 0.1	pinhead grain of ccp
169.33 - 169.34	CP BL 0.1	single grain along the lower contact

Structure Maj.:	***Type/Core Angle***	***Comment***
151.24 - 151.25	SHR 18	1cm wide
169.33 - 169.34	LC 46	

169.34	170.40	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2AD4**	P446867	170.07	170.49	0.42	0.00	0.00	0.00	0.00	0.01

Aphanitic and glassy matrix, with sharp clast margins, and trace disseminated sulphides in the matrix.

170.12m grain of ccp along the edge of a granitic clast.

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
170.40	198.92	**DIA** ***Diabase*** ***Sudbury Breccia :*** Likely Nipissing diabase; medium grained, blue/grey in colour, 60/40 mafic to felsic (almost entirely plagioclase), highly magnetic, and cut by SDBX carbonate veins. Lower 30cm of the unit is SDBX 2AD4 178.54-179.00m is an aphanitic diabase dyke cutting the main unit. The aphanitic dyke is cut by SDBX and a 2cm carbonate vein trending 26dtca 194.38m single bleb of ccp in SDBX	P446868	194.18	194.58	0.40	0.00	0.00	0.00	0.01	0.02
198.92	233.18	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Similar to previous sections. Lower 18cm of the unit is SDBX 2AD4 with trace ccp on grain boundaries 200.43m carbonate vein trending 28dtca 200.87m carbonate and epidote vein trending 44dtca 203.14m single grain of ccp 206.23m 1cm wide SDBX vein trending 14dtca 208.91m 1cm wide feldspathic vein, likely related to the gneiss but looks like a partial melt. Trends 47dtca with 1% pyrite 215.55m 1% pyrite on fracture face in epidote/carbonate vein trending 20dtca 219.47m carbonate veining with a trend of 16dtca and localized magnetite 221.47m carbonate vein trending 33dtca 223.00m foliation trending 61dtca 227.30m running along the edge of the core is a jasper/partial melt like unit that is similar to what is observed lower near the Offset dyke 229.65-230.00m hairline pyrite veins trending 14dtca and are housed in chlorite/epidote (?) 232.00m foliation trends 35dtca	P446871	203.06	203.36	0.30	0.00	0.00	0.00	0.00	0.00
			P446872	208.79	209.06	0.27	0.00	0.00	0.00	0.00	0.01
			P446873	215.46	215.78	0.32	0.00	0.00	0.00	0.00	0.00
			P446874	229.61	229.93	0.32	0.00	0.00	0.00	0.00	0.00

Structure Maj.:	*Type/Core Angle*	*Comment*
223.00 - 223.01	FOL 61	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		232.00 - 232.01 FOL 35									
		233.17 - 233.18 LC 25									
233.18	238.42	**DIA** ***Diabase*** ***Sudbury Breccia :***	P446875	233.03	233.85	0.82	0.00	0.00	0.00	0.01	0.01
			P446876	235.53	235.90	0.37	0.00	0.00	0.00	0.01	0.00
			P446877	236.74	237.60	0.86	0.00	0.00	0.00	0.01	0.02
			P446878	237.60	238.51	0.91	0.00	0.00	0.00	0.00	0.08

Aphanitic, blue/grey to black, cut by SDBX and epidote veins that carry trace amounts of ccp, and the unit is highly magnetic. Most of the veins in the section trend 20dtca

233.58m trace ccp in epidote
233.73m trace ccp in diabase matrix
235.66m ccp in epidote
236.90-238.00m 1% ccp in hematite and epidote veins
238.41m trace ccp in epidote

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
233.58 - 233.59	CP BL 0.1	blebs in epidote
233.73 - 233.74	CP BL 0.1	bleb in diabase matrix
235.66 - 235.67	CP BL 0.1	blebs in epidote
236.90 - 238.00	CP BL 1	blebs in epidote and hematite veins
238.41 - 238.42	CP BL 0.1	blebs along the lower contact

Structure Maj.:	*Type/Core Angle*	*Comment*
238.41 - 238.42	LC 20	

238.42	251.11	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Similar to the intermediate gneisses above, but lack the melanosomes, and are enriched in quartz/plagioclase/alkali feldspar with variable amounts of hematite alteration.

Structure Maj.:	*Type/Core Angle*	*Comment*
251.10 - 251.11	LC 23	

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
251.11	252.00	**DIA** ***Diabase*** ***Sudbury Breccia :*** Aphanitic, dark blue to black, highly magnetic and looks to have some assimilation of the granite/gneiss along the lower contact. Unit is cut by SDBX stringers and multiple 1mm wide quartz veins.									
252.00	267.64	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Similar to previous units. 256.83-257.33m shear zone, with strong pervasive chlorite (?) alteration, that gives the rock a soft greeny/grey colour. Quartz veins are parallel to the foliation (28dtca). Small angular blocks can be seen in the section, and the shear looks to have occurred on the upper contact of diabase/gneiss. The lower half of this section resembles diabase, and is magnetic. 257.33-258.00m region where the rock looks cooked up, is finer grained and almost diffuse. Quartz veins cut the section and have trace ccp 259.23m pyrite stringers trending 42dtca 259.54m trace ccp 260.33m single grain of ccp in a network of epidote 262.14m single grain of ccp in a network of epidote 262.73-263.37m breccia like zone where angular to sub-angular clasts of country rock are supported by a matrix of epidote 263.36m single grain of ccp 266.28-266.78m another epidote breccia, but this region grades into a breccia that looks close to footwall breccia. Where the clasts look as though theyre supported by a region where the country has melted 266.78-267.64m 0.1% ccp disseminated in epidote	P446879	257.33	258.37	1.04	0.00	0.00	0.00	0.00	0.01
			P446880	259.22	259.64	0.42	0.00	0.00	0.00	0.00	0.00
			P446881	260.10	260.44	0.34	0.00	0.00	0.00	0.00	0.00
			P446882	261.99	262.28	0.29	0.00	0.00	0.00	0.00	0.00
			P446883	262.84	263.50	0.66	0.00	0.00	0.00	0.00	0.02
			P446884	266.61	267.41	0.80	0.00	0.00	0.00	0.00	0.02

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
259.23 - 259.26	PY STR 1	hairline stringers trending 42dtca
259.54 - 259.55	CP BL 0.1	trace ccp
260.33 - 260.34	CP BL 0.01	single bleb
266.78 - 267.64	CP BL 0.1	trace grains of ccp in epidote and hematite veins

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Structure Maj.: ***Type/Core Angle*** ***Comment***

256.83 - 257.33 SHR 28

267.63 - 267.64 LC 18

267.64 269.37 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **2AD4**

Matrix is aphanitic and glassy, clast margins are sharp, and clasts are relatively undeformed.

267.87m trace ccp in 5cm zone of breccia like epidote
268.85m trace ccp in epidote

P446885	267.78	268.04	0.26	0.00	0.00	0.00	0.01	0.02
P446886	268.69	269.17	0.48	0.00	0.00	0.00	0.00	0.01

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

267.87 - 267.88 CP BL 0.1 trace ccp in breccia like epidote

268.85 - 268.86 CP BL 0.1 ccp in epidote

269.37 271.58 **DIA** ***Diabase*** ***Sudbury Breccia :***

Aphanitic, dark blue to black, magnetic, and cut by SDBX, epidote, and carbonate. The unit contains a healed fault and a shear zone on the lower contact.

269.37-269.50m fault gouge, <1cm clasts that are sub-angular and housed in a tannish white matrix. There is a weak foliation trending 14dtca.
271.36-271.58m shear zone with 1% pyrite

Toward the base of the section there is an increase in carbonate veining, and these veins are parallel to the shear zone (45dtca) at the base of the section.

P446887	271.38	271.65	0.27	0.00	0.00	0.00	0.00	0.01

Structure Maj.: ***Type/Core Angle*** ***Comment***

269.37 - 269.50 SHR 14

269.37 - 269.50 FLT

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		271.57 - 271.58 LC 47									
271.58	311.00	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***	P446888	286.69	287.21	0.52	0.00	0.00	0.00	0.00	0.13
			P446889	288.03	288.32	0.29	0.00	0.00	0.00	0.00	0.00

Similar to previous.

275.00-275.50m carbonate vein that runs nearly parallel to core axis
283.54m grain of ccp on fracture face
287.05m 1cm grain of ccp in carbonate vein trending 46dtca
288.14m trace ccp in carbonate/epidote vein trending 51dtca
305.00m foliation trends 65dtca
310.00m foliation trends 84dtca

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
283.54 - 283.55	CP BL 0.1	single grain on fracture face
287.05 - 287.06	CP BL 0.1	trace grains in carbonate vein
288.14 - 288.15	CP BL 0.1	trace ccp in carbonate/epidote vein

Structure Maj.:	***Type/Core Angle***	***Comment***
305.00 - 305.01	FOL 65	
310.00 - 310.01	FOL 84	
310.99 - 311.00	LC 37	

311.00 338.00 **OD** ***Olivine Diabase*** ***Sudbury Breccia :***

Dark blue/grey to black, medium grained with chilled margins, has a felty texture, relatively unaltered and not cut by many secondary veins. It is strongly magnetic, heavily fractured in local sections and in these regions there are often slickenlines on the fracture faces. The lower 10cm of the section is fault gouge.

311.70m joint 24dtca, slickenlines 50dtca
312.10m joint 27dtca, slickenlines 60dtca
312.58m joint 30dtca, slickenlines 60dtca
321.70m 5mm of clay along a joint trending 29dtca
324.05m 1mm of clay along a joint trending 39dtca
325.43m joint 30dtca, slickenlines 65dtca
325.45m joint 23dtca, slickenlines 45dtca

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		330.12m slickenline 30dtca along irregular fracture 331.28-331.43m slickenlines trending 40dtca on fracture trending 5dtca 336.72m joint 21dtca, slickenlines 60dtca joint 19dtca, slickenlines 70dtca 337.90-338.00m fault gouge but has no measurable trend, as it is separated from the main rocks									
338.00	348.81	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Similar to previous sections. The first 3m of the unit have undergone some hematite alteration and look to have undergone some degree of thermal alteration. The lower meter of the section has been tectonized and composed of broken to brecciated granite. 346.5m is the start of brecciated section and looks to be thermally altered as well. 348.45m joint 55dtca, slickenlines 85dtca ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 346.50 - 348.81 BX									
348.81	350.95	**OD** ***Olivine Diabase*** ***Sudbury Breccia :*** Medium grained, dark blue to black with purplish red tints, highly magnetic, moderate epidote veining cuts the unit, and there is 2cm of fault gouge on the upper contact. The epidote veins have an average trend of 47dtca 348.81-348.83m fault gouge 350.30m single grain of ccp in epidote vein ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 350.30 - 350.31 CP BL 0.1 single bleb in epidote vein ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 348.81 - 348.83 G 42	P446892	350.19	350.47	0.28	0.00	0.00	0.00	0.01	0.01

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
350.95	359.60	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***	P446893	357.40	357.74	0.34	0.00	0.00	0.00	0.00	0.00
		Typical for hole. Section again looks slightly cooked up, with a sugary texture, and diffuse crystal margins. 356.00m there is a 2cm band that almost looks like part of the "metabreccia" (but not likely related) 357.51m hairline pyrite stringer									
359.60	359.80	**QD** ***Quartz Diorite*** ***Sudbury Breccia :***	P446894	359.51	359.81	0.30	0.00	0.00	0.00	0.00	0.01
		Aphanitic, greenish/bluish/grey, non-magnetic, with minor pyrite mineralization in epidote stringers. There is weak schlerin textures along the lower contact, upper contact is irregular.									
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 359.79 - 359.80 LC 20									
359.80	360.44	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***									
		Similar to above									

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
360.44	361.64	**QD** ***Quartz Diorite*** ***Sudbury Breccia :***	P446895	360.92	361.43	0.51	0.00	0.00	0.00	0.01	0.00
		Similar to above, cut by an epidote/actinolite (?) vein that runs nearly parallel to core axis.									
361.64	384.04	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***	P446896	362.08	362.40	0.32	0.00	0.00	0.00	0.00	0.00
		Similar to previous sections. 362.14m pyrite bleb in chlorite vein trending 49dtca 363.84m trace pyrite in quartz (along joint face 30dtca) 366.16-366.19m carbonate matrix in small breccia like vein trending 22dtca 370.77-371.00m 3cm wide aphanitic QD vein trending 12dtca									
384.04	385.64	**MTBX** ***metamorphosed breccia*** ***Sudbury Breccia :***									
		Unit starts with a zone where the country rock has been partially assimilated into the unit. It's marked by a texture very similar to the billiard ball model where abundant country rock fragments are observed near the contact and they slowly grade into the MTBX unit. 1-3cm clasts of what appears to be jasper are common in the section and small mafic to ultramafic clasts can be seen as well. Pyrite is disseminated throughout the section, and in local sections it looks like the matrix is composed of partially melted/assimilated country rocks.									

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
385.64	389.47	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :*** Fine grained/aphanitic matrix of QD supporting diabasic and gneissic clasts that have undergone varying degrees of thermal alteration/assimilation and ductile deformation. Trace pyrite can be seen at 386.00, 386.50 ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 389.46 - 389.47 LC 55	P446897	385.79	386.79	1.00	0.00	0.00	0.00	0.00	0.01
			P446898	387.54	388.27	0.73	0.00	0.00	0.00	0.01	0.01
389.47	393.10	**MTBX** ***metamorphosed breccia*** ***Sudbury Breccia :*** Unit almost looks like a healed fault breccia to a metamorphosed IQD/SDBX. Section has been metamorphosed and parts of the matrix look to be of partially assimilated country rocks. More clasts of jasper are present in section, and are angular to subrounded.	P446899	389.50	390.04	0.54	0.00	0.00	0.00	0.01	0.01
			P446900	391.67	392.09	0.42	0.00	0.00	0.00	0.00	0.01
393.10	402.11	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :*** Unit is part of what is informally reffered to as f****d up breccia (FUB). It consists of altered clasts +/- alteration rims that are housed within a aphanitic matrix. Clasts often appear to have undergone plastic deformation, and pyrite can be seen disseminated throughout the section. Clasts are again extremely hematite altered plagioclase/feldspar and similar to Jasper. Carbonate veining is weak to moderate throughout the section, and is generally erratic but local sections prefer an orientation of ~70dtca. 393.36m single bleb of ccp in chlorite vein trending 35dtca 396.56m single ccp bleb in feldspathic clast 397.12m single bleb of ccp in carbonate vein trending 84dtca. This is followed by trace grains disseminated throughout the matrix to 397.56m and seem to be associated to epidote and chlorite veins 398.64m single bleb of ccp in clast (not sampled) 401.37m trace pyrite rims around mafic clasts, similar feature at 401.56m	P448151	393.08	393.59	0.51	0.00	0.00	0.00	0.01	0.02
			P448152	397.06	397.62	0.56	0.00	0.00	0.00	0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

393.36 - 393.37	CP BL 0.01	single grain
396.56 - 396.57	CP BL 0.01	single grain in feldspathic clast
397.12 - 397.13	CP BL 0.01	single grain in carb vein
398.64 - 398.65	CP BL 0.01	single grain in IQD
401.37 - 401.38	PY Rim 0.1	around a single clast
401.56 - 401.57	PY Rim 0.1	seen on a single clast

402.11 – 409.64 **GR** ***Granite*** ***Sudbury Breccia :***

Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
P448153	406.87	407.19	0.32	0.00	0.00	0.00	0.00	0.00
P448154	407.69	408.05	0.36	0.00	0.00	0.00	0.00	0.01

Primarily composed of hematite altered plagioclase (55%), quartz (40%), and amphiboles (5%). The hematite alteration is strong and pervasive and gives the section a deep red tint with white spots caused by the quartz (that occurs interstitially). Weak carbonate veining can be seen cutting the section and locally carries chalcopyrite.

402.55-402.79m carbonate veins for a weak cluster trending 40dtca
407.03m trace cco in carbonate/quartz veins trending 60dtca
408.00m two blebs of ccp in separate carbonate veins that both trend 65dtca
408.49m bleb of ccp in country rock

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

407.03 - 407.04	CP BL 0.01	in carbonate veins
408.00 - 408.01	CP BL 0.01	blebs in carb/quartz veins
408.49 - 408.50	CP BL 0.01	bleb in country rock

Structure Maj.: ***Type/Core Angle*** ***Comment***

409.63 - 409.64	LC 85	

409.64 – 411.28 **IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

Somewhat similar to previous section, but has a marked decrease in the jasper like clasts. The matrix

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

remains similar and still contains the wispy to stormcloud like colouration of dark grey and black. A few coarse grained epidote veins cut the unit and locally 30cm clasts of country rock can be seen.

Structure Maj.: ***Type/Core Angle*** ***Comment***

411.27 - 411.28 LC 28

411.28 413.33 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Similar to previous units

412.77-412.96m small olivine diabase dyke

Structure Maj.: ***Type/Core Angle*** ***Comment***

413.32 - 413.33 LC 60

413.33 414.80 **OD** ***Olivine Diabase*** ***Sudbury Breccia :***

Similar to previous units

414.80 424.89 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Similar to previous units

Structure Maj.: ***Type/Core Angle*** ***Comment***

424.88 - 424.89 LC 68

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
424.89	425.00	**QD** ***Quartz Diorite*** ***Sudbury Breccia :*** Very glassy and aphanitic, non-magnetic, greenish grey in colour, with weak to moderate carbonate alteration.									
425.00	425.58	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** similar to previous units									
425.58	425.65	**QD** ***Quartz Diorite*** ***Sudbury Breccia :*** Same as above									
425.65	464.43	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** Typical for hole, fine grained epidote and carbonate veins are commonly seen cutting the section. 436.10m is a 5mm thick aphanitic/glassy, black vein that has flow banding and almost looks like fine grained QD. Vein trends 18dtca.	P448155	455.31	455.65	0.34	0.00	0.00	0.00	0.00	0.00
			P448156	463.63	463.93	0.30	0.00	0.00	0.00	0.00	0.00

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		437.00m there is a small section of epidote veininng with carbonate and trace hematite (blue/grey with red streak) 440.75m 5mm carbonate vein with clay and looks like a thin breccia that trends 40dtca 454.05m 2mm quartz/carbonate vein with hematite and pyrite, overall trend of 57dtca 454.00m the rocks start developing a thermally altered appearance and quartz/carbonate veining starts to increase as the underlying structures are approached. The average trend in this area is ~68dtca 455.00-456.00m there is trace hematite and pyrite in the carbonate/quartz veins cutting this section 456.32-457.15m section is sheared (16dtca) and is composed of bands that alternate between feldspathic units, a bleached SDBX like unit, and zones that contain plastically deformed clasts in a mafic matrix (parallel to shear). 457.15-460.00m is a zone of weak veining that follows the shear 461.00-462.00m there is a shift in the veining from hairline chloritic veins to 1-3mm quartz/carbonate veins, average trend near 50dtca Lower contact is gradational into the underlying fault rocks. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 457.15 - 464.43 Sil P S gives the rock a tannish colour ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 456.32 - 457.15 SHR 16									
464.43	472.39	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** Called IGN as it composes most of the recognizable rocks in the section. It has undergone multiple structural events, however there is no evidence to indicate a sequence of events. 464.43-465.90m healed fault, composed of angular clasts of country rock with the cracks infilled by quartz and carbonate veins. Has still been affected by the siliceous alteration noted in the previous section. 465.90-465.97m shear zone trending 37dtca 466.00-468.78m slightly hematized and deformed country rock. Section is largely hematized feldspars with minor mafic sections that are cut by pyrie stringers that trend parallel to core axis 467.16-467.36m mafic patch with pyrite stringers parallel to core axis 468.11m pyrite stringer that trends 8dtca 468.78-470.07m discontinuous shear zone largely composed of epidote alteration within bands of mafics separated by quartzo-feldspathic sections. 470.43-470.83m shear zone trends 43dtca, some intergrown hematite giving the rocks a purplish tint.	P448157	467.10	467.37	0.27	0.00	0.01	0.00	0.01	0.00

Hole Number **WTR-058** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

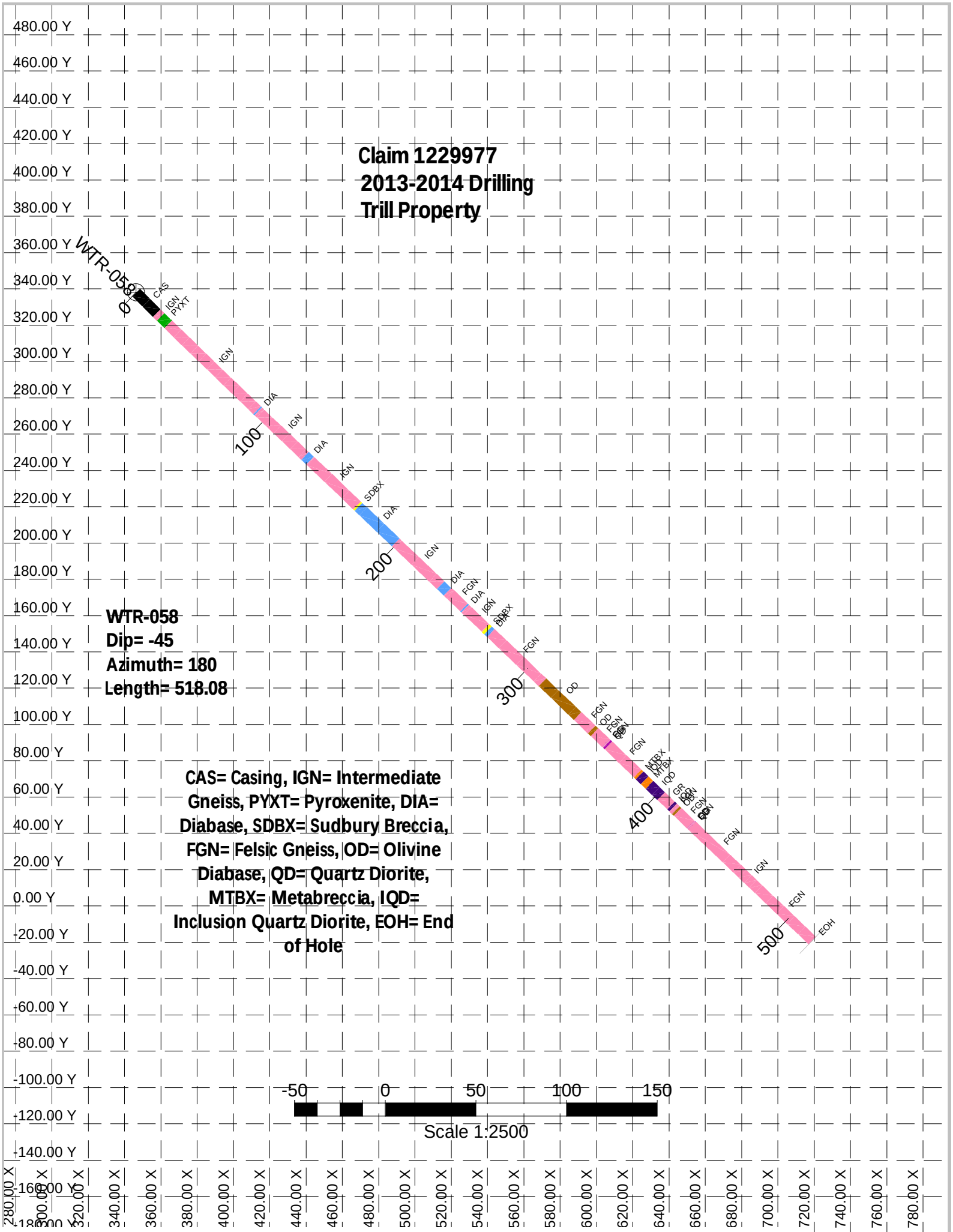
Structure Maj.:	Type/Core Angle	Comment
464.43 - 465.90	FLT	healed
465.90 - 466.00	SHR 16	
468.78 - 470.07	SHR 25	
470.43 - 470.83	SHR 43	

472.39 518.07 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Section has a semi-crystalline appearance, is composed of plagioclase, feldspar, quartz and amphibole, with the plagioclase and feldspar having undergone variable amounts of hematite alteration (stronger near the overlying structures).

488.09m epidote and hematite alteration vein 30dtca

518.07 518.08 **EOH** ***End of Hole*** ***Sudbury Breccia :***



WALLBRIDGE MINING COMPANY LIMITED

DRILL HOLE REPORT

Hole Number **WTR-059** Project: **TRILL_SCJV** Project Number: **504**

Drilling

Azimuth: 180
Dip: -70
Length: 1000
Started: 19-Aug-14
Completed: 12-Sep-14
Logged: 28-Aug-14

Casing

Length: 0
Pulled: no
Capped: yes
Cemented: yes

Core

Dimension: NQ
Storage: Core Shed
Section:
Hole Type DD

Location

Township: TRILL
Claim No.: 129977
NTS:
Hole: SURFACE

Other

Logged by: Nick Wray
Relog by:
Contractor: Jacob & Samuel Drilling Ltd.
Spotted by: Tom Johnson
Surveyed: yes
Surveyed by: Wallbridge-Other
Geophysics: UTEM
Geophysic Contractor: Lamontagne
Left in hole: Nothing
Making water: no
Multi shot survey: yes

Comment: There was a core measuring error from 165m to 511 due to a fault. The markings on the rock are low by approximately 2 meters. 511-EOH marking are correct.

DGPSed collar by D. Smith Aug 22, 2014.

Coordinate - Gemcom

East: 458109
North: 5146656.85
Elev.: 332.58

Coordinate - UTM

East: 458109
North: 5146656.85
Elev.: 332.58
Zone: 17 **NAD:** 27

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	180.00	-70.00	C	☑	
24.00	182.70	-72.80	F	☑	Mag: 5560 Temp: 23.1
75.00	183.20	-72.50	F	☑	Mag: 5479 Temp: 28.4
126.00	181.80	-72.50	F	☑	Mag: 5518
176.00	184.40	-72.50	F	☑	Mag: 5493 Temp: 23.9
228.00	182.10	-72.40	F	☑	Mag: 5494 Temp: 23.2
279.00	184.70	-72.50	F	☑	Mag: 5500 Temp: 28.0 Roll: 058.7
330.00	185.40	-72.30	F	☑	Mag: 5522 temp: 19.3 Roll: 117.4
381.00	186.80	-71.80	F	☑	Mag: 5511 Temp: 24.1
432.00	188.40	-71.20	F	☑	Mag: 5526
483.00	190.10	-70.70	F	☑	Mag: 5504
535.00	190.50	-70.80	F	☑	mag: 5471
588.00	193.30	-70.40	F	☑	Mag: 5528 Temp: 20.7 Roll: 036.9

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
640.00	193.30	-70.20	F	☑	Mag: 5580 temp: 23.1
691.00	191.50	-70.00	F	☑	Mag: 5496 Temp: 23.6
742.00	195.00	-69.80	F	☑	Mag: 5487
793.00	195.10	-69.50	F	☑	Mag: 5489 Temp: 21.1
844.00	194.00	-69.50	F	☑	Mag: 5518
895.00	188.20	-69.50	F	☑	Mag: 5507
946.00	193.00	-69.80	F	☑	mag: 5469
1000.00	189.10	-69.60	F	☑	Mag: 5492

WALLBRIDGE MINING COMPANY LIMITED

LITHOLOGY REPORT
- Detailed -

Hole Number **WTR-059** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
0.00	10.27	**CAS** ***Casing*** ***Sudbury Breccia :***									
10.27	12.35	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***									
12.35	22.44	**MDIA** ***Matachewan Diabase*** ***Sudbury Breccia :***	P448160	21.27	21.75	0.48	0.00	0.02	0.02	0.01	0.02

Dark gray aphanitic matrix. Clasts are mostly granitic with minor mafic and ultramafic clasts. Most clasts have been melted or assimilated. There is trace pyrite throughout the section. In places, the clasts are found in "puddles" of own melt.

Structure Maj.:	***Type/Core Angle***	***Comment***
12.34 - 12.35	BC	rubble

Black fine grained unit that is locally magnetic.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
12.35 - 22.44	EP VN M	associated with minor quartz

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
12.73 - 12.74	CP BL 0.01	
16.00 - 16.01	CP BL 0.01	
21.38 - 21.39	CP BL 0.01	
21.58 - 21.59	CP BL 0.01	

Structure Maj.:	***Type/Core Angle***	***Comment***
12.35 - 22.44	VN 25	epidote vein

Hole Number **WTR-059** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Minor Interval: 15.40 15.54 BX *Breccia* fine grain epidote surrounding mafic clasts **Minor Interval:** 16.44 16.51 BX *Breccia* fine grain epidote surrounded by mafic clasts **Minor Interval:** 19.33 19.34 first appearance of granitic country rock in the diabase									
22.44	32.33	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :*** Dark gray, fine grained matrix, approximately 10% of the rock is clasts. The majority of the clasts are granitic in composition. The clasts are rounded to subrounded and appear to be assimilated.	P448161	22.95	23.58	0.63	0.00	0.00	0.00	0.00	0.01
			P448162	24.92	25.83	0.91	0.01	0.01	0.01	0.01	0.00
			P448163	26.32	27.09	0.77	0.00	0.00	0.00	0.01	0.00
		Alteration Maj: ***Type/Style/Intensity*** ***Comment*** 22.44 - 32.33 EP VN W 52 DTCA 22.44 - 32.33 Qtz VN W 52 DTCA									
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 22.73 - 22.74 CP BL 0.01 associated with epidote and pyrite 23.13 - 23.14 CP BL 0.01 associated with epidote and pyrite 23.42 - 23.43 CP BL 0.01 associated with epidote and pyrite 23.45 - 23.46 CP BL 0.01 associated with epidote and pyrite 24.68 - 24.69 CP BL 0.01 25.00 - 25.10 PY BL 1 associated with coarse epidote vein 25.71 - 25.72 CP BL 0.01 26.85 - 26.86 CP BL 0.01									
32.33	60.74	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***									

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Intermediate overall but the unit is very heterogeneous. Continuously changing intervals of banding and massive gneiss. There are alternating leucosomes and melanosomes.

Alteration Maj:	Type/Style/Intensity	Comment
32.33 - 60.74	HE P W	increased in intensity from 38.72-40.00
58.45 - 58.47	EP VN WM	55 DTCA
58.45 - 58.47	Qtz VN WM	55 DTCA
59.67 - 59.87	EP VN WM	49 DTCA
59.67 - 59.87	Qtz VN WM	49 DTCA
59.67 - 59.87	HE VN WM	49 DTCA

Mineralization Maj. :	Type/Style/%Mineral	Comment
32.33 - 60.74	PY BL 1	found locally throughout the section

60.74 64.00 **MGN** ***Mafic Gneiss*** ***Sudbury Breccia :***

rock is medium grained and dark gray. There are some smaller felsic bands that are much coarser than the mafic units.

Alteration Maj:	Type/Style/Intensity	Comment
60.74 - 64.00	EP VN W	fine grain epidote veins average 50 DTCA
60.74 - 64.00	HE P M	the quartz rich felsic zones have the hematite alteration

64.00 96.56 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

The upper portion of the section is weakly foliated with very coarse crystals. The crystal faces are very rounded and appear to be assimilated. At 72.90 the section transitions into a more banded and finer grained gneiss (crystals still coarse). The banded section alternates between leucosomes (60%) and

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

melanosomes (40%). Near the end of the section, the foliation/banding weakens and the crystal size slightly increases (very coarse).

Alteration Maj:	Type/Style/Intensity	Comment
69.10 - 69.15	CHL VN M	associated with quartz and epidote
69.10 - 69.15	Qtz PD M	
73.00 - 74.15	EP VN W	
82.09 - 89.52	HE P S	also at 84.78 there is a 4cm of blebby epidote, epidote veins parallel to core axis

Mineralization Maj. :	Type/Style/%Mineral	Comment
64.00 - 96.56	PY BL 0.1	minor clusters of pyrite throughout the whole section

Structure Maj.:	Type/Core Angle	Comment
96.00 - 96.10	FLT	missing core

96.56 146.38 **OD** ***Olivine Diabase*** ***Sudbury Breccia :***

Colour is dark gray. Upper contact has a chilled margin. The crystals are very fine at the contact and gradationally increase in size downhole. The chilled margin has 1% feldspar phenocrysts that are up to 1cm in length. These phenocrysts dissapear away from the chilled margins. Other than directly at the contacts, the rock is very magnetic. The lower contact is also chilled and the feldspar phenocrysts appear at approximately 141 m.

Alteration Maj:	Type/Style/Intensity	Comment
103.00 - 103.27	BL VN W	16 DTCA
108.10 - 108.11	EP VN W	
108.10 - 108.11	Qtz VN W	
113.48 - 113.50	CHL VN W	

Hole Number **WTR-059** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology
146.38	175.41	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

IQD with clasts ranging from 0.1 cm to 10cm. The clasts are 50% felsic and 50% mafic. The mafic clasts are rounded while the granitic clasts are subrounded. The QD matrix is fine grained. 153.68-173.16 the rock has a typical dark gray QD matrix colour. The clast size, colour, and shape is the same as the bleached section. 173.16-175.41 there is a messed up breccia section that is slightly bleached with increased alteration.

Alteration Maj:	Type/Style/Intensity	Comment
148.38 - 148.39	K PD M	throughout the whole section there are clasts that have a bleached alteration rim, most likely potassic
157.64 - 157.65	EP VN W	randomly oriented stringers
160.23 - 160.25	CHL PCH M	2cm clast with a 5cm alteration rim surrounding it
161.00 - 165.00	HE VN W	purple hematite occuring in veins and surrounding clasts
166.33 - 166.40	K PD W	
166.33 - 166.40	EP PD W	
166.33 - 166.40	CHL PD W	
166.33 - 166.40	Qtz PD W	
172.54 - 172.60	HE VN M	36 DTCA
173.50 - 173.70	CHL VN W	pyrite concentrated in chlorite altered mafic zones
173.71 - 174.81	HE P M	

Mineralization Maj. :	Type/Style/%Mineral	Comment
155.91 - 155.92	CP BL 0.01	
160.65 - 160.66	CP BL 0.01	
162.78 - 162.79	CP BL 0.01	
163.92 - 163.93	CP BL 0.01	
164.53 - 164.54	CP BL 0.01	
164.61 - 164.62	CP BL 0.01	

Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
P448164	155.60	156.33	0.73	0.00	0.00	0.00	0.01	0.00
P448165	158.00	158.79	0.79	0.00	0.00	0.00	0.01	0.00
P448166	160.24	160.56	0.32	0.00	0.00	0.00	0.01	0.00
P448167	162.39	163.08	0.69	0.00	0.01	0.01	0.01	0.02
P448168	167.03	167.36	0.33	0.00	0.00	0.00	0.01	0.04
P448169	168.91	169.53	0.62	0.00	0.00	0.00	0.01	0.01
P448170	172.25	172.78	0.53	0.00	0.01	0.01	0.01	0.01

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

164.83 - 164.84 CP BL 0.01
164.94 - 164.95 CP BL 0.01
166.76 - 166.77 CP BL 0.01
169.27 - 169.28 CP BL 0.01
169.44 - 169.45 CP BL 0.01
171.21 - 171.22 CP BL 0.01
174.42 - 174.43 CP BL 0.01

Structure Maj.:	Type/Core Angle	Comment
146.38 - 153.68	F	rocks are heavily fractured which likely represents a fault. The core is very bleached which is probably die to fluids moving through a fault.

175.41 180.38 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

section is banded but dominated by quartz and feldspar rich felsic bands. Bands are oriented 50 DTCA. Locally there is hematite alteration over short intervals. Towards the bottom of the section the felsic areas have been slightly stained green due to epidote alteration.

Alteration Maj:	Type/Style/Intensity	Comment
180.13 - 180.28	HE P M	associated with randomly oriented epidote

Structure Maj.:	Type/Core Angle	Comment
175.41 - 180.38	GN 50	strong banding

Hole Number **WTR-059** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology
180.38	260.89	**IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

Aphanitic, dark gray to light greenish gray in colour. The lighter sections have been bleached from alteration. Bleach halos are also found surrounding the quartz/epidote veins. The halo zones are much larger than the actual veins. The whole section is brecciated. The upper contact looks like an in situ breccia that gradually transitions into a clast roated breccia. Breccia fragments are very angular and have experienced little assimilation. 193.47-193.73 is heavily hematized and brecciated. 202.60-203.02 is a bleached in situ breccia zone 33 DTCA. 211.71-213.01 is bleached dark green. Towards the bottom of the section there is an increase in small clasts (<1cm). 223.40-224.75 contains clasts but the host matrix is also brecciated with very angular fragments. The section gradually grades into a less structurally deformed unit that is more recognizable as IQD with quartz stringers. 247.12-260.89 represents the contact between the gneiss and the IQD, The gneiss likely is clasts up to a meter in size. 247.75 there is a 2cm altered zone that is sheared at 26 DTCA. 254.19-254.40 is a breccia zone. 254.67-255.12 clast rotated breccia with very angular clasts in a qtz/carb matrix. 259.55-259.81 1D% SDBX. The whole section from 246-260.89 is structurally complex with pervasive hematite and epidote alteration

Alteration Maj:	Type/Style/Intensity	Comment
205.71 - 205.72	HE VN W	26 DTCA
218.20 - 218.21	EP VN W	18 DTCA
218.20 - 218.21	CHL VN W	18 DTCA
228.80 - 228.81	Carb VN W	vuggy carb vein with hematite
230.00 - 230.11	EP VN W	randomly oriented swarm

Mineralization Maj. :	Type/Style/%Mineral	Comment
194.51 - 204.97	CP BL 0.01	
221.93 - 243.16	CP BL 0.01	small blebs consistantly over the interval. Typically associated with qtz veins and less commonly epidote, hematitie, carbonate, pyrite, and chlorite.

Structure Maj.:	Type/Core Angle	Comment
193.47 - 193.73	F 41	fractures and porous rocks. Rocks are slightly bleached from alteration when fluids moved through the fractures
193.47 - 193.73	BX 33	bleached in situ breccia zone with very angular fragments

Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
P448171	182.84	183.24	0.40	0.00	0.00	0.00	0.01	0.03
P448172	184.23	185.54	1.31	0.00	0.00	0.00	0.00	0.01
P448173	194.29	195.01	0.72	0.00	0.00	0.00	0.01	0.00
P448174	204.69	205.36	0.67	0.00	0.01	0.00	0.01	0.02
P448175	221.74	223.26	1.52	0.00	0.00	0.00	0.01	0.00
P448176	232.37	233.65	1.28	0.00	0.00	0.00	0.00	0.01

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

260.89 290.40 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

260.89-264.80, very red (potassic alteration) that is associated with epidote stringers. Locally there is distinct banding between mafic and felsic areas but the texture is granular for the most part. 267.00-267.95 there is a small section of IQD that is dark gray and aphanitic. IQD is altered by epidote and calcite veins. 268.89-273.37 is same as previous section. The gneisses between the two IQD units may be a metabreccia. 275.19-275.31 there is glassy SDBX with granitic clast (1D5), contacts are very sharp. 284.05 there is a 2cm ep/chl/he/qtz in a shear. 288.05-288.70 there is a breccia zone surrounded by qtz.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
258.89 - 288.40	HE P W	
288.40 - 290.42	EP VN W	
288.40 - 290.42	Qtz VN W	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
258.89 - 288.40	PY BL 0.1	trace throughout the whole section

Structure Maj.:	***Type/Core Angle***	***Comment***
264.80 - 267.00	BX	may be a metabreccia.

290.40 292.42 **IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

Dark gray fine grained matrix with red potassic altered gneiss clasts. The matrix has a dark green tinge to it from alteration near the contacts. This small chaotic section of rock likely represents the contact between the gneiss and the IQD.

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
292.12 - 292.15	PY BL 0.1	

292.42 297.12 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

On average, the rock in felsic in colour. Locally there is banding at 36 DTCA. At 295.59-295.74 there is

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

a section of breccia in the gneiss. The breccia matrix is black and fine grained. The breccia is likely SDBX or possibly IQD.

Alteration Maj:	Type/Style/Intensity	Comment
290.42 - 295.12	CHL VN W	randomly oriented veins
290.42 - 295.12	EP VN W	randomly oriented veins
290.42 - 295.12	Qtz VN W	radomly oriented veins

Structure Maj.:	Type/Core Angle	Comment
292.42 - 297.12	GN 36	banding

297.12 302.05 **IQD** ***inclusion quartz diorite*** ***Sudbury Breccia :***

This section is either the contact between the QD and gneiss or just a brecciated gneiss section. There is a dark matrix which makes the rock appear like IQD. Also, the contacts between the clasts and matrix are diffuse. The matrix is very fine grained. There are clasts up to 2cm in this section. The larger clasts have a clast rotated breccia surrounding them. At 301.41 there is a shear fabric with a quartz vein at 9 DTCA.

Alteration Maj:	Type/Style/Intensity	Comment
295.12 - 300.05	Qtz VN M	42 DTCA
295.12 - 300.05	EP P W	

Structure Maj.:	Type/Core Angle	Comment
297.12 - 302.05	BX	appears to be a clast rotated breccia

302.05 308.73 **OD** ***Olivine Diabase*** ***Sudbury Breccia :***

The upper contact is 27 DTCA and lower contact is 22 DTCA. The contacts are very sharp and straight. The contact margins are chilled and grain size increases slightly towards the center of the section. There are rare plagioclase phenocrysts up to 1 cm locally. 302.70-304.09 there is a contact between the OD

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

and gneiss parallel to the CA. The rock is very magnetic. Breccia zones filled with quartz at 303.92-303.94 and 305.47-305.80.

Alteration Maj:	Type/Style/Intensity	Comment
300.05 - 306.73	EP PD W	
300.05 - 306.73	EP VN M	haloes at the upper and lower contacts

Structure Maj.:	Type/Core Angle	Comment
303.92 - 303.94	BX	filled with quartz
305.47 - 305.80	BX	filled with quartz

308.73 406.54 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

Overall, the rocks are felsic and appear red due to potassic alteration. The upper part of the section is brecciated. 312.16-312.25 there is a section of very fine grain black OD that contains 10% feldspar phenocrysts up to 1 cmm. The contacts are 28 DTCA and are very sharp with epidote haloes. 314.81-315.07 there is the same as above with contacts with contacts at 45 DTCA. There are also minor feldspar crystals with trace pyrite. At 329.58 the gneissic banding is 43 DTCA. The rocks are very well banded from 329.58-342.17. At 346.27-347.77 the gneiss is very coarse and red/white in colour because quartz and potassium feldspar are the only minerals present.

Structure Maj.:	Type/Core Angle	Comment
308.73 - 330.00	BX	upper part of the section is brecciated
329.58 - 330.00	GN 43	Banding

406.54 416.59 **SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1D5**

Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
P448177	407.87	408.73	0.86	0.00	0.00	0.00	0.02	0.04
P448178	410.83	411.39	0.56	0.00	0.00	0.00	0.03	0.01

Interesting section of core that appears very similar to IQD seen previously in the hole. Fine dark gray

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

matrix containing gneissic clasts. The upper contact is diffuse and perpendicular to core axis. There are clasts up to 80 cm in length. However, the mafic matrix in this section is magnetic while the previous QD was not magnetic. The lower contact is 16 DTCA and the gneiss below the contact is bleached until 425.66. Previously, bleaching was seen at the contacts of the IQD and gneiss. At 411.72 there is a slight shear/ fracture plane 15 DTCA.

Alteration Maj:	Type/Style/Intensity	Comment
409.72 - 409.75	EP VN M	15DTCA
409.72 - 409.75	CHL VN M	15 DTCA

Mineralization Maj. :	Type/Style/%Mineral	Comment
406.02 - 409.37	CP BL 0.01	

Structure Maj.:	Type/Core Angle	Comment
411.72 - 411.72	F 15	
411.72 - 411.72	SHR 15	

416.59 625.90 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

On average, this section in intermediate. The rocks are well banded but the felsic and mafic zones are blended together so there are not distinct leucosomes and melanosomes. Grain size is variable but, in general, the felsic minerals are coarser grained than than the mafics. 419.03-419.96 there is a highly altered bleached zone altered by epidote, pyrite, and silica. The pyrite is found in quartz veins. 435 banding = 39 DTCA, 467 banding= 85 DTCA, 478.50 banding= 43 DTCA, 497 banding= 53 DTCA. 448.07-448.27 there is a small fault recognized from the broken core. 480.67 there is a decrease in banding and the rocks have a mottled texture from rounded feldspars. The feldspars have increased epidote associated with them.

Alteration Maj:	Type/Style/Intensity	Comment
416.88 - 423.66	Carb VN M	
416.88 - 423.66	Qtz VN M	
416.88 - 423.66	HE VN M	
416.88 - 423.66	EP VN M	

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From (m)	To (m)	Lithology			Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		439.44 - 439.80	Qtz VN W										
		439.44 - 439.80	HE INT W	crystalline hematite									
		448.68 - 448.70	Carb VN W										
		448.68 - 448.70	Qtz VN W	crystals up to 1 cm									
		448.68 - 448.70	HE VN W										
		467.09 - 469.08	EP VN M	increase in radomly oriented epidote veins									
		503.20 - 503.32	CHL PCH M										
		503.20 - 503.32	EP PCH M										
		504.00 - 514.00	CHL VN M										
		504.00 - 514.00	EP VN M										
		504.00 - 514.00	Carb VN M										
		520.79 - 526.57	EP PCH M	concentrated in mafic zones									
		530.19 - 530.78	EP P S	almost entirely altered other than 10% qtz. Minor hematite associated with the epidote									
		549.26 - 549.66	EP VN S	randomly oriented veins									
		549.26 - 549.66	Carb VN S	randomly oriented veins									
		580.51 - 581.47	Carb VN M	vuggy									
		580.51 - 581.47	EP P M										
		580.51 - 581.47	K P M										
		613.37 - 613.63	EP B S	in mafic band									

Structure Maj.:	Type/Core Angle	Comment
435.00 - 436.00	GN 39	banding
448.00 - 448.27	FLT	broken core
467.00 - 468.00	GN 85	banding

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		478.50 - 479.00 GN 43 banding									
		497.00 - 498.00 GN 53 banding									
625.90	637.17	**MD** ***Mafic Dike*** ***Sudbury Breccia :***	P448181	626.00	627.40	1.40	0.00	0.01	0.01	0.01	0.03

Upper contact is 53 DTCA. The dike has a glassy chilled margin for 15 cm. The rocks is magnetic except for at the chilled margin. The true lithology of the dike is currently unknown The texture is very similar to diabase but the blebby nature of the mineralization appears like QD. The rock is magnetic which is not typical of QD from Trill. The lower contact is chilled and at 38 DTCA.

Alteration Maj:	Type/Style/Intensity	Comment
625.90 - 637.17	EP VN W	randomly oriented veinlets throughout the mafic dike

Mineralization Maj. :	Type/Style/%Mineral	Comment
625.90 - 637.17	PY BL 0.1	associated with fine grain epidote veins
625.90 - 637.17	CP BL 0.01	associated with fine grain epidote veins

637.17	694.19	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Dark red in colour due to potassic alteration of the feldspars. The gneiss is moderately well banded. Crystals size ranges from coarse to very coarse. 656.31-657.64 there is a large, very magnetic mafic band with a green tinge due to pervasive epidote alteration. 661.92-663.25 there is a small felsic section due to an increase in the size of qtz crystals (up to 2cm). 682.76-683.51 there is a highly altered zone that appears like a hydrothermal breccia, alteration includes qtz/potassic/ep/chl.

Alteration Maj:	Type/Style/Intensity	Comment
645.66 - 645.91	EP P S	9.% epidote, 10% qtz
649.99 - 651.04	K P M	rock is very red in colour
669.24 - 669.43	HE PCH M	pyrite clustered around hematite zone
669.24 - 669.43	EP P S	
689.04 - 689.05	Carb VN W	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Structure Maj.: ***Type/Core Angle*** ***Comment***

683.51 - 684.00 BX hydrothermal breccia

694.19 721.80 **MD** ***Mafic Dike*** ***Sudbury Breccia :***

Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
P448192	696.76	698.37	1.61	0.00	0.00	0.00	0.00	0.02
P448182	704.90	706.15	1.25	0.00	0.00	0.00	0.00	0.01

The upper contact is 41 DTCA. At the contact, there is 3 cm of bleached fine grained SDBX with mafic clasts. There is pyrite and minor chalcopyrite proximal to the contact. This interval continuosly switches between the mafic dike and gneiss. The hole is just skimming the contact of the two rock types or there are multiple small dikes. The mafic dike has a dark green tinge to it, due to pervasive epidote alteration. The center of the dike is medium grained and 2mm plagioclase crystals can be seen.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

699.92 - 700.92 HE VN W

699.92 - 700.92 Carb VN W

699.92 - 700.92 Qtz VN W

699.92 - 700.92 EP P S

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

694.79 - 708.29 CP BL 0.01 found at the margins if the diffuse gneiss clast contacts

721.80 731.52 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Weakly banded, highly altered rocks. The felsic sections are coarse to very coarse grained while the mafic sections are medium to coarse grained.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

721.80 - 731.52 Carb VN W

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		721.80 - 731.52 Qtz VN W									
		721.80 - 731.52 EP P W									
731.52	737.05	**MD** ***Mafic Dike*** ***Sudbury Breccia :***	P448183	734.32	735.68	1.36	0.00	0.00	0.00	0.01	0.02
			P448184	736.17	736.79	0.62	0.00	0.00	0.00	0.01	0.02
737.05	824.25	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***									

Upper contact is 35 DTCA and has a glassy chilled margin that is bleached for 10 cm. The bleaching is due to carbonate alteration. The center of the dike is coarser with 1-2 mm plagioclase crystals. The lithology of this rock is unknown but is the same as the mafic dike from 625.9-637.17.

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
731.53 - 733.87	PY BL 1	at 733.87 there is the first appearance of cpy exsolved within the pyrite blebs and this continues until 737.05

Upper contact is 31 DTCA. On average, the rock is an intermediate gneiss but locally there are felsic sections where there is an increase in quartz and in increase in the size of the quartz crystals. The rock is well banded locally but generally pretty poorly banded and more granular in texture. 746.45-749.06 the rock has a mottled texture and there is an increase in pervasive potassic alteration. 758.96-762.41 (same as previous0. 780.50-780.73 there is a small dike of the "mafic dike" at 43 DTCA. The whole dike is chilled with minor blebby pyrite. 789.35-789.55 fault with broken core. 804.07-808.76 the rocks have a mottled texture. 811.88-812.08 minor black glassy SDBX with clasts <1mm. 812.51-813.29 there are lenses of the mafic dike. The lenses are quenched and contain fine grained epidote veins with minor chalcopyrite. 813.29-824.25 the intermediate gneiss had a mottled texture.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
750.23 - 754.31	EP PCH M	

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		773.12 - 773.91 EP PCH M									
		773.12 - 773.91 CHL P M chlorite is surrounded by epidote									
		781.73 - 781.95 EP PCH W medium grained epidote associated.									
		Structure Maj.: ***Type/Core Angle*** ***Comment***									
		789.35 - 789.55 FLT									
		789.35 - 789.55 BC									
824.25	836.89	**MD** ***Mafic Dike*** ***Sudbury Breccia :***	P448185	824.56	826.00	1.44	0.00	0.00	0.00	0.01	0.02
		The upper contact is at 33DTCA. The contact has been silicified and altered by fine grain epidote. For 20 cm below the rock is bleached and contains clasts of the gneiss. The clasts appear to be assimilated. The rock is magnetic, similar to the previous mafic dikes. There is blebby pyrite throughout the section. Epidote altered plagioclase crystals up to 3mm can be seen in the center of the dike. Upper and lower contacts are chilled with an increase in pyrite close to the contacts, Overall, the rocks are dark gray with a texture very similar to diabase.	P448186	826.45	827.65	1.20	0.00	0.00	0.00	0.01	0.02
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***									
		824.25 - 836.89 PY BL									
		825.70 - 828.75 CP BL trace									
836.89	838.60	**FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***									
		Sharp and straight upper contact at 836.89. The gneiss is more felsic than the previous gneisses due to an abundance of quartz. 837.32 there is a 1cm vein perpendicular to CA of the quenched mafic dike.									

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

838.60 839.66 **MD** ***Mafic Dike*** ***Sudbury Breccia :***

Upper contact is quenched and bleached. The whole dike is chilled. The drill is skimming the contact. There are stringers of pyrite throughout.

839.66 841.22 **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :***

High percentage of quartz. Upper contact at 37 DTCA.

841.22 860.90 **MD** ***Mafic Dike*** ***Sudbury Breccia :***

Same as the previous intersection. The upper contact is at 63 DTCA and is a hydrothermal breccia. The core breaks along medium grained epidote planes. Chalcopyrite is found within these broken planes. At 846.67 there is a plagioclase phenocryst that looks like the phenocrysts in the Matachewan diabase. The lower contacts of the dike are also bleached and a hydrothermal breccia.

Alteration Maj:	***Type/Style/Intensity***	***Comment***
842.51 - 842.52	EP VN	epidote surrounds the qtz/carb vein with fine grained chalcopyrite associated
842.51 - 842.52	Carb VN	
842.51 - 842.52	Qtz VN	
843.09 - 843.30	EP VN	chaotic veining

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
841.22 - 860.90	CP F	Trace cpy throughout the section. Mostly found in carb/ep veins. Most seen at fractures on alteration planes.

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Structure Maj.: ***Type/Core Angle*** ***Comment***
841.22 - 842.00 BX hydrothermal breccia

860.90 | 876.98 | **FGN** ***Felsic Gneiss*** ***Sudbury Breccia :*** | P448187 | 860.88 | 861.18 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05

Similar to previous. Increase in chalcopyrite.

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***
860.90 - 876.98 CP BL large blebs

876.98 | 885.68 | **MD** ***Mafic Dike*** ***Sudbury Breccia :*** | P448188 | 877.87 | 879.13 | 1.26 | 0.00 | 0.01 | 0.01 | 0.00 | 0.02

Upper contact is at 40 DTCA, bleached, chilled, and contians gneiss fragments. The rock is dark greenish gray with plagioclase phenocrysts up to 1cm in size. The phenocryts really look like Matachewan diabse. 877.18-877.39 there is a qtz/carb filled hydrothermal breccia with subrounded clasts. 878-883 there is a section of SDBX (1D5). The section starts with 3 granitic clasts (up to 10 cm) then transitions into a mafic breccia (1A5). This section still has the plagioclase phenocrysts with chalcopyrite concentrated in the granitic clasts.

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***
876.98 - 885.68 CP BL trasce
876.98 - 885.68 PY BL

Structure Maj.: ***Type/Core Angle*** ***Comment***
877.18 - 877.39 BX quartz filled hydrothermal breccia with subrounded clasts

885.68 | 887.90 | **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
		Upper contact is at 41 DTCA. The rock is a typical coarse grained, intermediate gneiss similar to previous sections. 886.81 there is an 8 cm band of 1D5 SDBX. 887.66 there is a 1cm band of 1D5 SDBX.									
887.90	891.68	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1A5** 1D5/1A5 there are highly hematized gneiss clasts. The clasts are surrounded by blebby stringer style pyrite. There is also cubic pyrite found in the glassy matrix. SDBX is hosted in the mafic dike. There is a structure at 890.53-890.92 that has rubbly/rotten core. Above the breccia there is a hydrothermal breccia with subangular clasts that has been filled with chlorite/epidote alteration. The section is also crosscut by many stringers of alteration.	P448191	887.96	889.27	1.31	0.00	0.00	0.00	0.00	0.01
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 890.53 - 890.92 BC									
891.68	894.95	**IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :*** The start of the section is chaotic but it grades into a typical IGN with coarse crystals. The section is heavily hematized and there is fine grain SDBX at the lower contact.									
894.95	904.90	**MD** ***Mafic Dike*** ***Sudbury Breccia :*** Upper contact is sharp and straight and at 25 DTCA. The rock has upper and lower chilled margins. Towards the center of the dike, the crystals are medium grained and appear like diabase. At 895.77 there is a granitic clast that is surrounded by pyrite. Small dikes of 1A5 SDBX are found locally.	P448189	898.50	899.24	0.74	0.00	0.00	0.00	0.01	0.02
			P448190	902.06	902.59	0.53	0.00	0.00	0.00	0.01	0.02

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***

894.95 - 904.90 PY CG found in clusters

904.90 918.29 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Typical well banded gneiss similar to previous intermediate gneisses but slightly more mafic. 906.38-907.92 qtz/feldspar pegmatite dike with crystals up to 3cm. The rocks are hematized and potassic altered. Trace chalcopyrite found at the bottom of this section. At 918.13 there is a 1cm fine grain SDBX vein

918.29 925.35 **MD** ***Mafic Dike*** ***Sudbury Breccia :***

Similar to previous section. There is an increase in plagioclase phenocrysts towards the center of the dike. The phenocrysts are up to 2cm in size. Really looks like Matachewan diabase.

925.35 930.02 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Upper contact at 39 DTCA. Similar to previous.

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

929.85 - 929.95 EP P S 90% epidote, 10% quartz

Hole Number **WTR-059** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)

930.02 940.00 **MD** ***Mafic Dike*** ***Sudbury Breccia :***

Same rock type as previous. Likely skimming the contact because the dike is consistantly fine grained and has a lack of feldspar phenocrysts.

940.00 953.00 **IGN** ***Intermediate Gneiss*** ***Sudbury Breccia :***

Similar to previous. 943.53-944.42 there is broken core from a drill issue.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
942.61 - 943.49	EP VN M	parallel to core axis.

Structure Maj.:	*Type/Core Angle*	*Comment*
943.53 - 944.42	BC	

953.00 982.66 **MD** ***Mafic Dike*** ***Sudbury Breccia :***

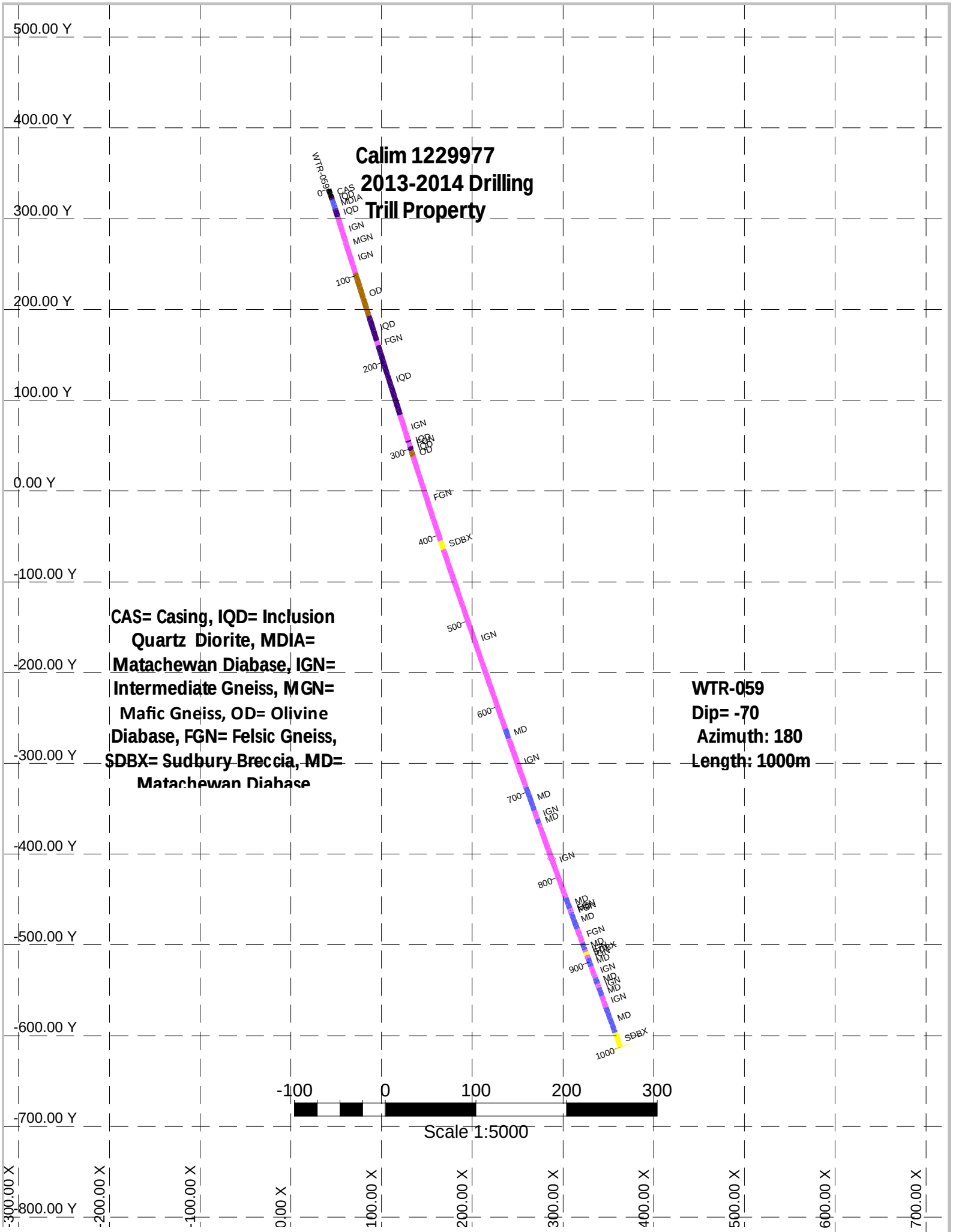
Dark gray, fine to medium grained. Less alteration than seen in previous sections. 976.54-978.29 the section appears to be SDBX qith a very fine grain matrix (1D5).

Hole Number **WTR-059** Project: **TRILL_SCJV** Project Number: **504**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Pt (g/t)	Pd (g/t)	Ni (%)	Cu (%)
982.66	1000.00	**SDBX** ***Sudbury Breccia*** ***Sudbury Breccia :*** **1D5** Hosted in the phenocrystic mafic dike. 998.01-998.35 the SDBX is very chaotic due to an increse in quartz/carbonate alteration.	P448193	984.02	985.37	1.35	0.00	0.01	0.01	0.00	0.02
			P448194	994.63	996.04	1.41	0.00	0.01	0.01	0.00	0.02
			P448195	996.40	997.11	0.71	0.00	0.01	0.01	0.00	0.02

Alteration Maj:	*Type/Style/Intensity*	*Comment*
998.92 - 999.06	Qtz VN S	
998.92 - 999.06	HE VN S	
998.92 - 999.06	EP VN S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
984.05 - 985.34	CPPY DIS 0.1	associated with qtz/carb veins
984.05 - 985.34	CP BL 0.01	trace
992.20 - 997.11	CPPY DIS 0.1	associated with qtz/carb veins



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Alteration Pick List Report

Intensity List

Code	Description
I	intense
M	moderate
MS	moderate to strong
S	strong
W	weak
WM	weak to moderate

Style List

Code	Description
B	Banded
Dis	Disseminated
F	Fracture Controlled
FF	Fracture Filling
INT	Interstitial
MO	Mottled
P	Pervasive
PCH	Patchy
PD	Pods
SP	Spotted
VN	Vein

Type List

Code	Description
ACTL	Actinolite
Alb	Albite
Ank	Ankerite
BIO	Biotite
BL	Bleaching
Carb	Carbonate
CHL	Chlorite
EP	Epidote
GAR	Garnet
GRPH	Graphitic
HE	Hematite
K	K-Feldspar
MAG	Magnetite
MS	Muscovite
Oxid	Oxidized
Qtz	Quartz
SA	Saussurization
Ser	Sericite
SERP	Serpentinized
Sid	Siderite
Sil	Silica
TLC	Talc
UR	Uralitization

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Structure Pick List Report

Structure Code	Code Description
AUG	Augen
BC	Broken Core
BD	Bedded
BLKY	Blocky
BOUD	Boudinage
BX	Brecciation
CL	Cleavage
CNTR	Contorted
DSK	Disking
F	Fractured
FD	Folded
FLT	Fault
FOL	Foliated
G	Gouge
GN	Gneissic
JNTS	Joints
LAM	Laminated
LC	Lower Contact
MYL	Mylonitic
S	Schistose
SHR	Shear
SLK	Slickensides
SLP	Slips
UC	Upper Contact
VN	Veins

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Mineralization Pick List Report

Style List

Code	Description
Amyg	Filling Amygdules
BL	Blebby
BX	Breccia
CG	Coarse Grained
CL	Clasts
CU	Cumulus
DIS	Disseminated
E	Eyes
EX	Exsolution
F	Fracture Controlled
FF	Fracture Filling
FG	Fine Grained
Frag	Fragments
ICU	Intercumulus
INT	Interstitial
Mass	Massive
MG	Medium Grained
Net	Net Textured
Rim	Rims
SM	Semi-Massive
STR	Stringers
TR	Trace
VN	Veins
ws	wisps

Type List

Code	Description
ASP	Arsenopyrite
BN	Bornite
BNMILL	Bornite/Millerite
CP	Chalcopyrite
CPPO	Chalcopyrite/Pyrrhotite
GN	Galena
GR	Graphite
MAG	Magnetite
MI	Malachite
MILL	Millerite
MO	Molybdenite
PN	Pentlandite
PO	Pyrrhotite
POCP	Pyrrhotite/Chalcopyrite
POCPPN	Pyrrhotite/Chalcopyrite/Pentlandite
POPN	Pyrrhotite>Pentlandite
POPY	Pyrrhotite>Pyrite
PY	Pyrite
SPH	Sphalerite