

## Radio Hill

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**Hole:** RH-11-01

<b>Easting:</b> 413174.10	<b>Northing:</b> 5334044.60	<b>Elevation:</b> 439.06
<b>AltEasting:</b> 0.00	<b>AltNorthing:</b> 0.00	<b>AltElevation:</b> 0.00
<b>Azimuth:</b> 180.00	<b>Dip:</b> -45.00	<b>Length:</b> 110.00 m.
<b>AltAzimuth:</b> 0.00		
<b>Hole Type:</b> DDH	<b>Zone:</b> Radio Hill	<b>Contractor:</b> Orbit Garant Drilling
<b>Started:</b> 29/08/11	<b>Finished:</b> 01/09/11	<b>Logged By:</b> K.Sarabia
<b>Claim Number:</b>	<b>Cemented:</b> <input type="checkbox"/>	<b>Surveyed:</b> <input type="checkbox"/> <b>Casing:</b> <input type="checkbox"/>
<b>Township:</b>		
<b>Description:</b>		

**Deviations:**

Depth	Azimuth	AltAzimuth	Dip	Type	State
25.00	223.90	0.00	-44.70		Inactive
110.00	233.90	0.00	-45.10		Inactive

50.00	210.30	0.00	-44.60		Inactive
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End of Deviations ; 3 record(s) printed.

# Radio Hill

## Lithology:

Level	From	To	Description
0	0.00	9.00	OVB - none core recovered
2	9.00	9.10	IDD - medium grained intermediate dike, Diorite, moderate magnetism.
0	9.10	15.00	IF-H - Deformed and brecciated texture, silicified Siderite + Chert and Lean Magnetite bands, sulfides fine disseminated up to 8-10 % in some fractured planes and fractured matrix, strong to moderate oxidation in some broken planes and surfaces. Fault zone.
0	15.00	25.65	IF-G - strong oxidation, fine disseminated Pyrite up to 15%, strong to moderate FeOx + Goethite + Hematite presence, rusty Py cubes, strong to moderate magnetism, strong Massive magnetite bands >> Chert + Siderite layers. Oxidation Zone.
1	25.65	26.60	IF-H - brecciated Siderite + cherty core, lean to none magnetism, sulfides trace up to 2% fine disseminated.
0	26.60	35.50	IF-G - Massive Magnetite >> Chert bands, strong oxidized and deformed banded core, strong to moderate vuggy texture in the cherty + FeOx layers. Strong boxwork presence, sulfides fine disseminated in broken planes and fractures, strong to weak magnetism.
2	35.50	35.70	IF-H - siderite + Chert banded core, sulfides and Minnesotaite trace in fractures and veinlets, none magnetism.
0	35.70	47.00	IF-G - strong oxidized deformed banded core, strong FeOx presence and rusty fractured core, strong weathering and boxwork texture, Rusty silfides fine disseminated in deformed bands and fractured groundmass.
0	47.00	58.10	IF-H - Siderite + Chert >> Magnetite rich to lean bands, deformed banded core, sulfides trace up to less than 5%, Minnesotaite trace to 4% filling fractures and broken planes.
0	58.10	61.15	IF-G - Magnetite rich > Minnesotaite + Chert + Siderite bands, moderate to strong magnetism, Py fine disseminated filling fractures and broken planes.
2	61.15	63.95	IF-F - Massive Magnetite banded core >> Chert bedding + Magnetite rich, deformed banded core, sulfides trace, strong magnetism and silicification.
2	63.95	64.15	IDD - Weathered and oxidized intermediate dike with sulfides trace up to 3-4%, fine to medium grained core.
2	64.15	64.60	IF-F - Massive Magnetite >> Chert bands, sulfides trace, strong magnetism.
0	64.60	72.10	IF-G

## Radio Hill

### Lithology:

Level	From	To	Description
0	72.10	78.00	- Siderite + Chert >> Magnetite rich to lean bedding, sulfides fine disseminated up to 10-15% (Py). Magnetite rich deformed bands are observed in the middle part. Increase of sulfides at the lower contact.
0	78.00	90.00	IF-H - Deformed banded core, Siderite + Chert + Magnetite rich to lean bands, sulfides trace up to less than 4-5%, Pyrite fine disseminated filling fractures and broken planes, moderate to weak magnetism.
0	90.00	92.55	IF-G - siderite + Chert + rich Magnetite and minor manetite banded core, deformed and sheared in some intervals, intense presence of sulfides (Py up to 40%) is observed in the core that is more magnetic and have also Chert + quartz veins. Fine to ultra-fine grained and vuggy textures, siderite and Minnesotaite trace up to 10-12%.
1	90.00	92.55	IF-H - Oxidized Siderite + Chert deformed and banded core, wak to none magnetism, rusty Py trace up to 5-8%, Strong to moderate FeOx presence.
0	92.55	99.00	IF-G - rich Magnetite minor to moderate + Chert bands, Minnesotaite trace and siderite up to 20%, cherty core at the lower contact with strong sulfides filling bedding + fractures and broken planes. At the aupper contact magnetism is strong and at the bottem weak or none.
0	99.00	106.20	SLC - Chert + weak to none magnetite bands, sulfides fine disseminated in fractres and veinlets, siderite and Minnesotaite are filling fractures and come bands.
0	106.20	107.75	IF-H - Siderite + rich Magnetite minor to moderate + Chert deformed banded core, strong oxidized zone at 106.65m to 107.75m.
0	107.75	108.00	IDD - Weathered and altered medium grained intermediate dike.
0	108.00	110.00	IF-H - Siderite + Chert + rich Magnetite minor to moderate bands, strong oxidation and FeOx presence is observed, vuggy quartz, leached core.

End of Lithology; 22 record(s) printed.

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%			%							
9.00	12.00	3.00	0.00	0.00	3.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	extremely bad recovery and broken core
12.00	15.00	3.00	0.00	0.00	2.20	0.00	1.85	0.00	0.00	0.00	0.00	0.00	0.00	extremely broken and fractured core- oxidized core
15.00	18.00	3.00	0.00	0.00	2.25	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	extremely broken and fractured core- oxidized core
18.00	21.00	3.00	0.00	0.00	2.30	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.00	extremely broken and fractured core - oxidized core
21.00	24.00	3.00	0.00	0.00	2.25	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	extremely broken and fractured core- oxidized core
24.00	27.00	3.00	0.00	0.00	1.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	broken to very broken (bottom)- oxidized core
27.00	30.00	3.00	0.00	0.00	2.65	0.00	1.70	0.00	0.00	0.00	0.00	0.00	0.00	extremely bad recovery and broken core -oxidized core
30.00	33.00	3.00	0.00	0.00	2.20	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	extremely bad recovery and broken core- oxidized core
33.00	36.00	3.00	0.00	0.00	2.20	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core- oxidized core
36.00	39.00	3.00	0.00	0.00	2.35	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core- oxidized core
39.00	42.00	3.00	0.00	0.00	2.30	0.00	2.15	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core- oxidized core
42.00	45.00	3.00	0.00	0.00	1.55	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
45.00	48.00	3.00	0.00	0.00	1.90	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
48.00	51.00	3.00	0.00	0.00	2.60	0.00	1.70	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core
51.00	54.00	3.00	0.00	0.00	1.40	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
54.00	57.00	3.00	0.00	0.00	0.60	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	fractured core
57.00	60.00	3.00	0.00	0.00	1.20	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
60.00	63.00	3.00	0.00	0.00	0.60	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	fractured core
63.00	66.00	3.00	0.00	0.00	1.45	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
66.00	69.00	3.00	0.00	0.00	1.45	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core
69.00	72.00	3.00	0.00	0.00	1.30	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	very fractured core
72.00	75.00	3.00	0.00	0.00	0.85	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
75.00	78.00	3.00	0.00	0.00	1.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
78.00	81.00	3.00	0.00	0.00	1.10	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures

## Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description	
				%			%								
81.00	84.00	3.00	0.00	0.00	0.75	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and mechanic fractures
84.00	87.00	3.00	0.00	0.00	1.40	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
87.00	90.00	3.00	0.00	0.00	1.50	0.00	2.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
90.00	93.00	3.00	0.00	0.00	1.30	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
93.00	96.00	3.00	0.00	0.00	1.70	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
96.00	99.00	3.00	0.00	0.00	1.60	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
99.00	102.00	3.00	0.00	0.00	1.80	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
102.00	105.00	3.00	0.00	0.00	1.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
105.00	108.00	3.00	0.00	0.00	1.40	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
108.00	110.00	2.00	0.00	0.00	1.50	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured an dbroken core- 2 feet CNR

End of RQD ; 34 record(s) printed.

# Radio Hill

**Mineralization:**

<i>From</i>	<i>To</i>	<i>Summary</i>	<i>Description</i>	<i>Texture</i>	<i>Magnetite</i>	<i>Hematite</i>	<i>Pyrrhotite</i>	<i>Pyrite</i>	<i>Siderite</i>	<i>Silica</i>	<i>Grain size</i>
9.10	15.00		IF-H		6	1	0	3	25	65	
15.00	25.65		IF-G		40	10	0	5	0	45	
25.65	26.60		IF-H		2	0	0	1	35	60	
26.60	35.50		IF-G		15	20	0	10	0	55	
35.50	35.70		IF-H		4	0	0	1	35	60	
35.70	47.00		IF-G		30	15	0	20	0	35	
47.00	58.10		IF-H		10		0	4	30	66	
58.10	61.15		IF-G		15	0	0	10	25	50	
61.15	63.95		IF-F		45	2	0	1	0	52	
64.15	64.60		IF-F		40	0	0	1	0	59	
64.60	72.10		IF-G		15	0	0	10	35	40	
72.10	78.00		IF-H		10	0	0	4	35	51	
78.00	90.00		IF-G		25	0	0	40	12	23	
90.00	92.55		IF-H		10	0	0	5	20	65	
92.55	99.00		IF-G		5	0	0	15	25	55	
106.20	107.75		IF-H		15	0	0	5	20	60	
108.00	110.00		IF-H		15	0	0	8	20	57	

End of Mineralizations ; 17 record(s) printed.

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
14.70	40.00	S0	Siderite + Chert bedding
33.40	55.00	S0	Mag Massive
33.50	40.00	S0	fracture
34.00	35.00	VQ	vein + qtz + fracture
34.40	55.00	S0	Mag Massive
41.50	45.00	S0	Mag rich
41.70	60.00	S0	Chert
42.20	65.00	S0	fractures
42.50	55.00	S0	Siderite
42.60	70.00	S0	
53.00	40.00	S0	Siderite + Chert
55.00	55.00	S0	Sid + Chert
57.00	50.00	S0	Mag lean + Chert
64.00	45.00	S0	Mag Massive
64.70	50.00	S0	Sid + Chert
65.50	60.00	S0	Side + Chert
68.00	80.00	S0	Py band
68.20	70.00	S0	Mag
68.80	60.00	S0	Mag + Chert
69.50	80.00	S0	Mag + Chert
69.80	60.00	S0	Mag + Chert + Sid
70.00	40.00	S0	Sid + Mag
72.10	50.00	S0	Py band
72.50	50.00	S0	Mag + Sid
77.50	40.00	S0	Sid + Chert
78.15	60.00	S0	Py band
80.00	30.00	S0	Sid + Chert + lean Mgt
81.00	40.00	S0	lean Mgt + Chert + Sid bedding
83.50	50.00	S0	Py band

## Radio Hill

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### Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
85.00	50.00	S0	sid + Chert + lean Mgt
91.50	50.00	S0	Sid + Chert
92.55	70.00	S0	Py band
93.00	30.00	S0	Massive Mgt Oxidized band
99.40	40.00	S0	fractures + Sid
99.50	50.00	S0	Mns mm'tric bands
101.50	70.00	S0	Py band
102.50	70.00	S0	Py band
109.00	60.00	S0	Oxidized Mgt + Chert band

End of Structures ; 38 record(s) printed.



## Radio Hill

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**Hole:** RH-11-02

<b>Easting:</b> 413001.18	<b>Northing:</b> 5333968.52	<b>Elevation:</b> 441.56
<b>AltEasting:</b> 0.00	<b>AltNorthing:</b> 0.00	<b>AltElevation:</b> 0.00
<b>Azimuth:</b> 180.00	<b>Dip:</b> -45.00	<b>Length:</b> 120.00 m.
<b>AltAzimuth:</b> 0.00		
<b>Hole Type:</b> DDH	<b>Zone:</b> Radio Hill	<b>Contractor:</b> Orbit Garant Drilling
<b>Started:</b> 01/09/11	<b>Finished:</b> 03/09/11	<b>Logged By:</b> K.Sarabia
<b>Claim Number:</b>	<b>Cemented:</b> <input type="checkbox"/>	<b>Surveyed:</b> <input type="checkbox"/> <b>Casing:</b> <input type="checkbox"/>
<b>Township:</b>		
<b>Description:</b>		

**Deviations:**

Depth	Azimuth	AltAzimuth	Dip	Type	State
24.00	233.00	0.00	-45.00	EZ Shot	Inactive
120.00	195.10	0.00	-44.80	EZ Shot	Active

50.00	206.40	0.00	-45.50	EZ Shot	Inactive
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End of Deviations ; 3 record(s) printed.

## Radio Hill

### Lithology:

Level	From	To	Description
0	0.00	4.00	OVB - no core recovered
2	4.00	4.05	IDD - moderate rust in the fractured plane, medium to fine grained intermediate dike.
0	4.05	12.00	IF-H - Siderite + Chert + rich to lean Magnetite bedding, strong to moderate oxidation present in fractures, broken planes and veinlets, sulfides trace up to 10 % + rusty trace of disseminated Pyrite and dissolved away from the host rock, deformed banded core. At the lower contact magnetism is stronger.
1	12.00	14.20	IF-F - rich Magnetite + Chert + Siderite minor to moderate bands, deformed banded core in some sections, moderate oxidation in broken planes, strong to moderate magnetism, sulfides trace up to less than 5%.
0	14.20	19.25	IF-H - Siderite + chert + rich to lean Magnetite bands, Minnesotaite trace up to 2-3%, sulfides up to 4% fine disseminated in veinlets and fractures, sheared core, micro-faults observed in the deformed core, low to moderate oxidized core.
0	19.25	45.75	IF-F - Rich Magnetite + chert + Siderite + Jasper minor bands. Silicified and banded core, oxidized core at the top, Minnesotaite is filling some fractures and bands, strong magnetism, minor Jasper bands are present in the middle part, veinlets + Qtz cross-cutting the bedding, Py and Ccp trace up to less than 2% (40.55 m).
1	45.75	46.75	IF-H - Deformed Banded core, Siderite + Chert + rich to minor Magnetite bands, moderate to strong magnetism in isolated bands, brecciated upper contact, sulfides trace up to less than 2%.
1	46.75	49.00	IF-F - Deformed banded core, rich Magnetite + Chert bands, siderite trace to 2%, strong to moderate Magnetism, low to moderate oxidation present in broken planes, rusty sulfides trace.
1	49.00	50.65	IF-H - deformed banded core, Siderite + Chert + lean Magnetite bands, brecciated to very fine grained texture, sulfides (Py) trace fine disseminated in a localized fracture, low oxidized broken planes.
1	50.65	52.80	IF-F - rich to Magnetite + Chert + Siderite trace bands, deformed banded core, fine to ultra fine grained texture, strong to moderate magnetism.
1	52.80	54.50	IF-H - brecciated and deformed banded core, Siderite + Chert + minor to rich Magnetite bands, moderate to strong magnetism in some MgT deformed bands.
0	54.50	64.60	IF-F - irregular banded core, rich to massive Magnetite + Chert + Siderite trace bands, some planes of weakness are oxidized, sulfides trace up to less than 5 % (rusty), some layers have a moderate Siderite presence in veinlets and bedding.

## Radio Hill

### Lithology:

Level	From	To	Description
0	64.60	72.00	IF-H - brecciated and deformed banded core, Siderite + Chert + Minnesotaita trace + minor Magnetite bands, strong oxidized broken segments at the lower contact, fault zone, Minnesotaita is filling veinlets and fractures.
0	72.00	75.30	IF-F - brecciated core, rich to minor Magnetite + Minnesotaita + Chert + siderite trace bands, strong oxidation at the upper contact, the bedding is folded and faulted in some sections, sulfides trace up to less than 5%.
1	75.30	78.00	IF-H - deformed banded core, Siderite + Chert + lean Magnetite bands, sulfides trace up to less 2%, isolated oxidized broken planes.
0	78.00	93.00	IF-G - Chert + lean to rich Magnetite + Minnesotaita banded core, brecciated texture and deformed bedding, Py fine disseminated filling fractures, broken planes and Mns bands, low to moderate oxidized in intervals at the bottom.
0	93.00	99.75	SLC - brecciated and banded core, Chert + Minnesotaita + lean Magnetite and Siderite bands, Chert + Minnesotaita >> Siderite + lean Mgt bedding, sulfides trace less than 2%, weak to low magnetism.
0	99.75	113.60	IF-F - brecciated and deformed banded core, rich Mns + Chert bands, low and weak magnetism, silicified core, Siderite and sulfides trace up to 3-4%, strong oxidized zone at the upper contact.
0	113.60	117.20	FZ - shear zone, brecciated and deformed core, foliation is observed and Py cube are disseminated in this interval, fractured matrix is filled with Mns + Siderite and Chert, is a transitional zone cause we notice an increase of % of Siderite and also fragments of a rich to minor Mgt band, moderate oxidaton in broken planes, sulfides (rust) up to less than 5%.
1	117.20	119.50	IF-H - brecciated banded core, Siderite + Chert + minor Mgt bands, Mns trace up to 2%, sulfides fine disseminated in the shear zone, moderate to low oxidized broken planes and core sections, lean magnetism at the top and moderate at the bottom.
2	119.50	120.00	IF-G - Oxidized banded core, rich Mgt + Chert + Siderite trace bands, very fractured core and vuggy texture observed in the core, sulfides fine disseminated up to 5%, strong magnetism.

End of Lithology; 21 record(s) printed.

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	talRecove	Recovery	Fracturesacts/Leng	Veins	eins/Leng	Angle	Description
			%	%		%	%					
4.00	6.00	2.00	0.00	0.00	1.10	0.00	1.35	0.00	0.00	0.00	0.00	0.00 fractured and broken core
6.00	9.00	3.00	0.00	0.00	1.30	0.00	2.45	0.00	0.00	0.00	0.00	0.00 fractured and broken core
9.00	12.00	3.00	0.00	0.00	1.65	0.00	2.25	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
12.00	15.00	3.00	0.00	0.00	1.20	0.00	2.65	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
15.00	18.00	3.00	0.00	0.00	1.20	0.00	2.45	0.00	0.00	0.00	0.00	0.00 fractured and broken core
18.00	21.00	3.00	0.00	0.00	1.50	0.00	2.40	0.00	0.00	0.00	0.00	0.00 fractured and broken core
21.00	24.00	3.00	0.00	0.00	1.55	0.00	2.20	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
24.00	27.00	3.00	0.00	0.00	1.70	0.00	2.30	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
27.00	30.00	3.00	0.00	0.00	1.50	0.00	2.35	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
30.00	33.00	3.00	0.00	0.00	0.70	0.00	2.80	0.00	0.00	0.00	0.00	0.00 fractured and broken core
33.00	36.00	3.00	0.00	0.00	0.50	0.00	2.70	0.00	0.00	0.00	0.00	0.00 fractured and broken core
36.00	39.00	3.00	0.00	0.00	0.65	0.00	2.65	0.00	0.00	0.00	0.00	0.00 mechanic fractures
39.00	42.00	3.00	0.00	0.00	0.95	0.00	2.50	0.00	0.00	0.00	0.00	0.00 mechanic fractures
42.00	45.00	3.00	0.00	0.00	0.85	0.00	2.85	0.00	0.00	0.00	0.00	0.00 mechanic fractures
45.00	48.00	3.00	0.00	0.00	1.60	0.00	2.40	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
48.00	51.00	3.00	0.00	0.00	1.80	0.00	2.25	0.00	0.00	0.00	0.00	0.00 extremely fractured and broken core
51.00	54.00	3.00	0.00	0.00	1.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
54.00	57.00	3.00	0.00	0.00	1.50	0.00	2.50	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
57.00	60.00	3.00	0.00	0.00	1.20	0.00	2.70	0.00	0.00	0.00	0.00	0.00 fractured and broken core
60.00	63.00	3.00	0.00	0.00	1.20	0.00	2.30	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
63.00	66.00	3.00	0.00	0.00	0.85	0.00	2.50	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
66.00	69.00	3.00	0.00	0.00	2.55	0.00	1.90	0.00	0.00	0.00	0.00	0.00 extremely fractured and broken core
69.00	72.00	3.00	0.00	0.00	2.55	0.00	1.40	0.00	0.00	0.00	0.00	0.00 extremely fractured and broken core
72.00	75.00	3.00	0.00	0.00	1.00	0.00	2.40	0.00	0.00	0.00	0.00	0.00 fractured and broken core
75.00	78.00	3.00	0.00	0.00	1.20	0.00	2.30	0.00	0.00	0.00	0.00	0.00 very fractured and broken core

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	acts/Leng	Veins	eins/Leng	Angle	Description	
				%				%							
78.00	81.00	3.00	0.00	0.00	1.45	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
81.00	84.00	3.00	0.00	0.00	1.05	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
84.00	87.00	3.00	0.00	0.00	1.55	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
87.00	90.00	3.00	0.00	0.00	2.00	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
90.00	93.00	3.00	0.00	0.00	1.40	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
93.00	96.00	3.00	0.00	0.00	0.75	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
96.00	99.00	3.00	0.00	0.00	1.45	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
99.00	102.00	3.00	0.00	0.00	2.00	0.00	2.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
102.00	105.00	3.00	0.00	0.00	2.00	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
105.00	108.00	3.00	0.00	0.00	1.30	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
108.00	111.00	3.00	0.00	0.00	1.40	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
111.00	114.00	3.00	0.00	0.00	1.60	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
114.00	117.00	3.00	0.00	0.00	2.00	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
117.00	120.00	3.00	0.00	0.00	1.95	0.00	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core- Shear zone.

End of RQD ; 39 record(s) printed.

# Radio Hill

**Mineralization:**

<i>From</i>	<i>To</i>	<i>Summary</i>	<i>Description</i>	<i>Texture</i>	<i>Magnetite</i>	<i>Hematite</i>	<i>Pyrrhotite</i>	<i>Pyrite</i>	<i>Siderite</i>	<i>Silica</i>	<i>Grain size</i>
4.05	12.00		IF-H		16	0	0	4	30	50	
12.00	14.20		IF-F		30	0	0	2	10	58	
14.20	19.25		IF-H		8	0	0	2	25	65	
19.25	45.75		IF-F		40	1	0	2	2	55	
45.75	46.45		IF-H		8	0	0	1	20	71	
46.45	49.00		IF-F		35	0	0	1	2	63	
49.00	50.65		IF-H		5	0	0	1	34	60	
50.65	52.80		IF-F		25	0	0	1	3	71	
52.80	54.50		IF-H		4	0	0	1	25	70	
54.50	64.60		IF-F		30	0	0	2	3	65	
64.60	72.00		IF-H		15	0	0	4	31	50	
72.00	75.30		IF-F		25	0	0	4	11	60	
75.30	78.00		IF-H		10	0	0	1	24	65	
78.00	93.00		IF-G		10	0	0	12	3	75	
93.00	99.75		SLC		8	0	0	2	10	80	
99.75	113.60		IF-F		15	0	0	3	2	80	
117.20	119.50		IF-H		5	0	0	4	31	60	
119.50	120.00		IF-G		30	0	0	5	2	63	

End of Mineralizations ; 18 record(s) printed.

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
4.15	80.00	S0	lean Magnetite + Siderite bands
4.20	20.00	Flt	
4.75	65.00	S0	lean Magnetite + siderite bands
5.75	70.00	S0	Py band
6.05	70.00	S0	fractured plane
6.90	65.00	S0	lean Mgt + Sid bands
7.40	75.00	S0	Sid + Chert bands
8.60	60.00	S0	Sid + Chert + lean Mgt bands
8.80	65.00	S0	Sid + Chert + lean Mgt bands
9.20	60.00	S0	Sid + Chert + minor Mgt bands
9.50	75.00	S0	Sid + Chert bands
10.00	75.00	S0	Sid + Chert mm'tric bands
10.35	70.00	S0	Sid + Chert bands
10.45	75.00	S0	rich Mag + Chert + Sid bands
12.00	60.00	S0	Rich to massive Mgt band (Oxidized)
12.12	70.00	S0	mm'tric rich Mgt bands
12.50	65.00	S0	rich Mgt bands
12.85	75.00	S0	rich Mgt + Chert bands
12.90	60.00	S0	rich Mgt + Chert bands
13.25	35.00	S0	fractured plane
13.80	85.00	S0	rich to minor Mgt + Chert + Sid bands
15.20	85.00	S0	Sid + Chert bands
18.10	40.00	VQ	
18.50	80.00	S0	Sid + Chert + lean Mgt bands
19.45	75.00	S0	massive to rich Mgt bands (Oxidized)
19.55	50.00	S0	rich Mgt + chert bands
19.70	25.00	Flt	fractured plane
19.80	80.00	S0	Mgt + Chert band
20.90	60.00	S0	Mgt + Chert band

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
21.10	60.00	S0	rich Mgt + Chert bands
21.20	70.00	S0	rich Mgt + Chert bands
21.25	45.00	S0	rich Mgt + Chert bands
21.70	80.00	S0	Massive to rich Mgt + Chert bands
21.80	85.00	S0	Massive to rich Mgt + Chert bands
22.10	70.00	S0	minor Mgt + Chert + Sid band
24.40	30.00	Fit	fractured plane
24.64	80.00	S0	rich Mgt + Chert + Sid bands
24.75	70.00	S0	rich Mgt + Chert bands
25.00	45.00	Fit	fractured plane
25.30	70.00	S0	rich Mgt + Chert + Jasper minor bands
25.55	80.00	S0	massive to rich Mgt + Chert bands
26.95	70.00	S0	rich Mgt + Chert bands
27.00	80.00	S0	rich Mgt + Chert + Jasper minor band
28.20	50.00	S0	rich Mgt + Chert + Sid bands
28.30	60.00	S0	rich Mgt + Chert bands
29.80	70.00	S0	Mgt + Chert + Jasper minor band
29.95	50.00	S0	rich Mgt + Chert band
32.00	40.00	S0	rich Mgt + Chert + Jasper minor band
32.50	75.00	VQ	mm'tric veinlets
34.00	50.00	S0	rich Mgt + Chert + Jasper band
35.00	40.00	S0	rich to minor Mgt + Chert bands
36.00	60.00	VQ	
36.20	45.00	S0	rich Mgt + Chert band
36.80	45.00	S0	massive to rich Mgt + Chert band
39.00	60.00	VQ	
39.25	50.00	VQ	
40.50	55.00	VQ	vein + Py trace.vq
40.55	35.00	VQ	vein + Py + ccp trace



## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
42.30	70.00	VQ	
42.50	50.00	S1	
42.80	70.00	S0	Mag + Sid bands
44.00	55.00	S0	Mgt bands
50.80	85.00	S0	Side + Mgt bands
52.00	50.00	VQ	
53.00	80.00	S0	Sid + Mgt bands
58.00	50.00	VQ	
58.50	5.00	S0	fractured plane
59.10	35.00	S0	fractured plane
62.50	45.00	S0	fractured plane
63.50	25.00	VQ	
63.60	65.00	VQ	
64.60	45.00	S0	Mgt band
65.50	65.00	S0	Side band
75.00	40.00	VQ	
75.20	70.00	S0	Mgt + Sid bands
75.35	50.00	S0	Sid + mgt bands
75.50	70.00	S0	Sid + Mgt bands
77.00	60.00	S0	Sid + Mgt bands
78.15	35.00	S0	fractured plane
80.00	60.00	S0	Sid + Mgt bands
81.00	60.00	S0	Mgt + Chert band
82.00	80.00	S0	Chert band
83.50	85.00	S0	Chert + Mgt band
83.60	65.00	S0	Py + Mns band
86.00	40.00	S0	Chert + Sid band
87.00	60.00	S0	Chert + Sid band
88.50	50.00	S0	Py + Mns band

## Radio Hill

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### Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
94.00	80.00	S0	Chert + lean Mgt bands
96.00	50.00	S0	breccaited Mgt band
99.10	70.00	S0	Chert + lean Mgt + Mns bands
100.50	70.00	S0	Oxidized Chert + Mgt + Mns bands
102.60	15.00	S0	lean Mgt + Mgt bandss1
105.15	70.00	S0	minor Mgt + Mns bands
114.50	40.00	S0	Mns + Sid foliation
114.60	50.00	S0	Mns + Sid foliation
117.20	50.00	S0	fractured plane // to foliation
119.30	40.00	Flt	micro-fault: Sid + Mgt bands
119.65	70.00	S0	oxidized Mgt + Chert bands
119.95	70.00	S0	oxidized Mgt + Chert bands

End of Structures ;            99 record(s) printed.

## Radio Hill

**Hole:** RH-11-03

<b>Easting:</b> 412876.34	<b>Northing:</b> 5334129.07	<b>Elevation:</b> 436.69
<b>AltEasting:</b> 0.00	<b>AltNorthing:</b> 0.00	<b>AltElevation:</b> 0.00
<b>Azimuth:</b> 180.00	<b>Dip:</b> -45.00	<b>Length:</b> 270.00 m.
<b>AltAzimuth:</b> 0.00		
<b>Hole Type:</b> DDH	<b>Zone:</b> Radio Hill	<b>Contractor:</b> Orbit Garant Drilling
<b>Started:</b> 03/09/11	<b>Finished:</b> 15/09/11	<b>Logged By:</b> J-P Paiement
<b>Claim Number:</b>	<b>Cemented:</b> <input type="checkbox"/>	<b>Surveyed:</b> <input type="checkbox"/> <b>Casing:</b> <input type="checkbox"/>
<b>Township:</b>		
<b>Description:</b>		

**Deviations:**

<i>Depth</i>	<i>Azimuth</i>	<i>AltAzimuth</i>	<i>Dip</i>	<i>Type</i>	<i>State</i>
24.00	193.70	0.00	-43.10	EZ Shot	Active
100.00	245.00	0.00	-43.90	EZ Shot	Inactive
270.00	213.70	0.00	-44.50	EZ Shot	Inactive

50.00	225.40	0.00	-43.20	EZ Shot	Inactive
150.00	197.50	0.00	-43.90	EZ Shot	Active

End of Deviations ; 5 record(s) printed.

# Radio Hill

## Lithology:

Level	From	To	Description
0	0.00	10.00	OVB
0	10.00	17.70	IF-F - upper contact: broken Core recovered, fragments of Granite, Dirite and banded IF-F core, rich Magnetite + Chert and Minnesotaite bedding, sulfides trace and moderate concentration (up to 8%) in some cm <sup>2</sup> ric layers, moderate to low oxidation in veinlets and broken surfaces, Siderite trace, strong magnetism, Mns is present in fractured matrix and veinltes + qtz.
2	17.70	18.15	IDD - fine to medium fine grained intermediate dike, weathered at the bottom.
0	18.15	21.30	IF-G - rich Magnetite + Chert and Minnesotaite bands with a moderte to stron oxidized broken planes and fractures + sulfides, Py fine disseminated and cubic up to 10-12%, stron magnetism.
1	21.30	22.70	IDD - fine to medium grained intermediate dike, wheathered, moderate to low oxidized broken planes.
1	22.70	25.35	IF-G - rich Magnetite + Chert and Minnesotaite bands with a moderte to stron oxidized broken planes and fractures + sulfides, Py fine disseminated and cubic up to 10-12%, stron magnetism, veinlets + qtz cross-cutting the brecciated texture at the lower contact.
1	25.35	27.15	IDD - fine to medium grained intermediate dike, wheathered.
0	27.15	32.30	IF-F - rich Magnetite non-banded to deformed core, strong magnetism, veinlets + qtz, low HCl response at the upper contact (fractures), stong silicification, brecciated texture in chert fragments, sulfides trace up to 2%, Py patches and fine disseminated in fractures, Minnesotaite trace and moderate FeOx in broken planes.
0	32.30	50.65	IF-G - deformed banded core, rich to lean Mgt + rich Chert + minor Minnesotaite bands, strong silicification, weak FeOx presence, none CaCo3 presence, veinlets and fractures + qtz + Mns and sulfides, strong to weak magnetism, folded bedding and brecciated texture in the cherty core,sulfides up to 8-12% Minnesotaite present in the peripheric parts of rich Mgt bands, extensional fractures and some Mgt beds filled with fine disseminated Py. The upper contact has Mgt >> Chert > Mns bands and the lower contact has Chert + Mns >> Mgt + Py bands.
2	50.65	50.80	IDD - fine grained intermediate dike,moderate to low Chl alteration and none Hcl response, medium green.
0	50.80	75.20	IF-G - brecciated and deformed banded core, rich Magnetite + Mns + Chert bands, strong to moderate magnetism, sulfides fine disseminated up to 8-10% in some fractures and broken planes, Py is filling some rich Mgt bands, low to moderate FeOx presence in fractured planes, brecciated texture at the bottom. From 60 to 63m: Chert + Mns + siderite trace > Mgt bands and increase of Py fine disseminated up 12-15%.
1	75.20	76.30	SLC

## Radio Hill

### Lithology:

Level	From	To	Description
			- deformed banded core, Chert + lea Mgt bedding, sulfides patches and fine disseminated less than 3%. Moderate to weak magnetism, fragments of beds with rich Mgt, low FeOx, none HCl response, veinlets + qtz + Mns cross-cutting the unit.
0	76.30	84.60	IF-F - deformed banded core, rich Mgt + Mns + Chert + Jasper trace, the bedding have been folded, moderate Mns is present in fractures nd also in the Mgt bands, strong magnetism, sulfides patches and fine disseminated in Jasper section at 78.65m, lower contact muddy core, very fractured interval (Jasper).
0	84.60	89.65	IDD - fine grained intermediate dike, low Chlorite + Epidote + CaCO3 alteration, moderate to weak HCl response at the bottom section, pale medium green, fault zone, extremely broken core.
0	89.65	93.65	IF-F - deformed banded core, brecciated and extensional texture, fine to ultrafine grained and silicified rock, stron to moderate magnetism, rich Mgt + Mns > Chert + Mns bands, sulfides fine disseminated and patches up to 2-3%.
0	93.65	99.00	IF-G - rich Mgt + Mns + rich Chert deformed bands, brecciated texture in isolated layers, sulfides fine disseminated up to 20% in the Mgt + Mns bedding and also in fractured planes, low rust, strong to moderate magnetism, strong silicification, intense amount of extensional fractures and veinlets + qtz + Mns + sulfides.
0	99.00	115.30	IF-F - non banded core, brecciated to ultrafine grained texture, strong magnetism, sulfides trace up to less than 4%, Py fine disseminated in veinlets + fractures an patches, veinlets + Mns + qtz, more cherty core + moderate Mgt concentration at the lower contact.
1	105.00	106.53	IF-G - Iron formation with quartz and ext. Fine-grained mgt in cm to dm beds. Mgt is replaced locally by minesotatite and Py. Rock is highly fractured with Mn and Py filling.
1	109.02	109.55	IF-G - Iron formation with quartz and ext. Fine-grained mgt in cm to dm beds. Mgt is replaced locally by minesotatite and Py. Rock is highly fractured with Mn and Py filling. Locally replacement is 100%.
0	115.30	120.60	IDB - Altered light green intrusive. Diabase dyke altered to chl-cc. Strong to moderate Hcl Rx. Fine grained with local coarse mx.
0	120.60	167.75	IF-F - Fine grained iron formation with chert and magnetite beds. Mgt beds range from 1mm to 1 cm. Rock is faulted with micro faults displacing sedimentary contacts. Matrix composed of finely grained chert. Several IF-G intervals where Mgt is replaced by Mn and Py.
1	125.50	126.00	IF-G - White chert matrix with replaced Mgt beds. Mgt is replaced by Py-Mn and fracture filled.
1	126.00	126.50	IDB - Altered light green intrusive. Diabase dyke altered to chl-cc. Strong to moderate Hcl Rx. Fine grained with local coarse

## Radio Hill

### Lithology:

Level	From	To	Description
			mx.
1	126.50	127.02	IF-G - White chert matrix with replaced Mgt beds. Mgt is replaced by Py-Mn and fracture filled.
1	151.10	152.16	IF-G - White chert matrix with replaced Mgt beds. Mgt is replaced by Py-Mn and fracture filled.
1	152.85	154.80	IF-G - White chert matrix with replaced Mgt beds. Mgt is replaced by Py-Mn and fracture filled. Locally Mgnt is totally replaced by Mn.
1	161.43	162.43	IDB - Altered light green intrusive. Diabase dyke altered to chl-cc. Strong to moderate Hcl Rx. Fine grained with local coarse mx.
1	164.90	166.30	IDB - Altered light green intrusive. Diabase dyke altered to chl-cc. Strong to moderate Hcl Rx. Fine grained with local coarse mx.
0	167.75	174.47	SLC - Chert rich interval with minor Mgnt beds 1mm to 5mm. Siderite is also present. Matrix is ext. Fine grained. Local Py-Mn replacement of Mgnt.
1	170.47	171.03	IDB - Intrusive Highly altered in Chl and carbonates.
0	174.47	180.26	IF-H - Iron formation with ext- fine-grained Mgnt int cm beds. Matrix composed of Chert with siderite. Intervals are highly brecciated.
0	180.26	193.80	SLC - Chert unit with minor beds of Mgnt < 1cm. Matrix is ext. Fine-grained with local replacement of Mgnt by Mn-Py. Beds composed of an alternance of Chert and Siderite.
1	183.00	183.60	IF-G - Local replacement of a magnetite bed by minesotatite and pyrite. Pyrite is fine to medium grained.
1	184.07	185.28	IDB - Intrusive Highly altered in Chl and carbonates. Diabase dyke.
0	193.50	197.09	IF-H - Iron formation with ext- fine-grained Mgnt int cm beds. Matrix composed of Chert with siderite. Intervals are highly brecciated.
0	197.09	201.60	SLC - Cherty iron formation composed of 80% chert matrix with cm magnetite beds. Mgnt and chert are ext. Fine grained. Magnetite shows brecciation.

## *Radio Hill*

### *Lithology:*

<i>Level</i>	<i>From</i>	<i>To</i>	<i>Description</i>
1	199.95	200.60	IF-G - Replaced iron formation formation with chert and magnetite replaced by minesotaite and pyrite.
0	201.60	213.90	SC - Chert unit composed of ext. Fine grained matrix alternating with silicified beds of mudstone. Unit is cut by several veinlets (<1cm) of green mica probably chlorite.
0	213.90	230.44	IF-F - Iron formation composed of beds of ext. Fine grained magnetite alternating with cherty beds. Most of the unit contains magnetite but mixed with different amount of silica, from 10% to 80% SiO <sub>2</sub> . Intervals of IF-H with chert and siderite are present in the unit. Local Pyrite but never >10%
1	221.86	222.85	IF-H - Iron formation with chert and siderite. Mgnt is less present < 20%
1	226.55	226.70	IDB - altered intrusive cutting the iron formation. Alteration of the selvedge is observed with Mgnt replaced by Py.
0	230.44	254.50	IF-H - Iron formation lean in magnetite with chert and siderite. Magnétite beds contain up to 50% chert. Beds of mudstone alternate with the IF.
1	252.45	253.60	IDD - Altered intrusive rock. Mostly composed of chlorite and carbonate. Light green in color.
0	254.50	270.00	SC - Chert unit alternating with beds of siderite and mudstone. Mudstone content increase with depth. Little magnetite in scarse beds of dark chert.

End of Lithology; 44 record(s) printed.

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%			%							
10.00	12.00	2.00	0.00	0.00	1.80	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core- fragments of Granite and Diorite + IF
12.00	15.00	3.00	0.00	0.00	2.00	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
15.00	18.00	3.00	0.00	0.00	1.05	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
18.00	21.00	3.00	0.00	0.00	1.60	0.00	1.80	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core
21.00	24.00	3.00	0.00	0.00	1.35	0.00	1.70	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core
24.00	27.00	3.00	0.00	0.00	1.20	0.00	1.85	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
27.00	30.00	3.00	0.00	0.00	1.05	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
30.00	33.00	3.00	0.00	0.00	0.70	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
33.00	36.00	3.00	0.00	0.00	1.05	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
36.00	39.00	3.00	0.00	0.00	0.70	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
39.00	42.00	3.00	0.00	0.00	1.25	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
42.00	45.00	3.00	0.00	0.00	1.30	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
45.00	48.00	3.00	0.00	0.00	1.65	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
48.00	51.00	3.00	0.00	0.00	1.90	0.00	2.15	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
51.00	54.00	3.00	0.00	0.00	1.05	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
54.00	57.00	3.00	0.00	0.00	0.60	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
57.00	60.00	3.00	0.00	0.00	0.35	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
60.00	63.00	3.00	0.00	0.00	0.95	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
63.00	66.00	3.00	0.00	0.00	0.80	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
66.00	69.00	3.00	0.00	0.00	0.80	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
69.00	72.00	3.00	0.00	0.00	2.10	0.00	2.05	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
72.00	75.00	3.00	0.00	0.00	1.70	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
75.00	78.00	3.00	0.00	0.00	0.95	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
78.00	81.00	3.00	0.00	0.00	2.10	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	fractured to very broken core, mud at the end.
81.00	84.00	3.00	0.00	0.00	1.30	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core



# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recover	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%				%						
84.00	87.00	3.00	0.00	0.00	2.80	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core
87.00	90.00	3.00	0.00	0.00	2.40	0.00	1.85	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core- drop the box
90.00	93.00	3.00	0.00	0.00	1.10	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
93.00	96.00	3.00	0.00	0.00	1.25	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
96.00	99.00	3.00	0.00	0.00	1.25	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
99.00	102.00	3.00	0.00	0.00	0.40	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
102.00	105.00	3.00	0.00	0.00	0.65	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
105.00	108.00	3.00	0.00	0.00	0.18	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
108.00	111.00	3.00	0.00	0.00	0.20	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
111.00	114.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
114.00	117.00	3.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
117.00	120.00	3.00	0.00	0.00	0.32	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
120.00	123.00	3.00	0.00	0.00	0.42	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
123.00	126.00	3.00	0.00	0.00	0.04	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
126.00	129.00	3.00	0.00	0.00	0.32	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
129.00	132.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
132.00	135.00	3.00	0.00	0.00	0.26	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
135.00	138.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
138.00	141.00	3.00	0.00	0.00	0.10	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
141.00	144.00	3.00	0.00	0.00	0.12	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
144.00	147.00	3.00	0.00	0.00	0.15	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
147.00	150.00	3.00	0.00	0.00	0.14	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
150.00	153.00	3.00	0.00	0.00	0.18	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
153.00	156.00	3.00	0.00	0.00	0.26	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
156.00	159.00	3.00	0.00	0.00	0.10	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
159.00	162.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
162.00	165.00	3.00	0.00	0.00	0.06	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
165.00	168.00	3.00	0.00	0.00	0.12	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
168.00	171.00	3.00	0.00	0.00	0.24	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
171.00	174.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
174.00	177.00	3.00	0.00	0.00	0.07	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
177.00	180.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	acts/Leng	Veins	eins/Leng	Angle	Description
				%			%							
180.00	183.00	3.00	0.00	0.00	0.35	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
183.00	186.00	3.00	0.00	0.00	0.17	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
186.00	189.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
189.00	192.00	3.00	0.00	0.00	0.26	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
192.00	195.00	3.00	0.00	0.00	0.17	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
195.00	198.00	3.00	0.00	0.00	0.25	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
198.00	201.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
201.00	204.00	3.00	0.00	0.00	0.34	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
204.00	207.00	3.00	0.00	0.00	0.96	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
207.00	210.00	3.00	0.00	0.00	1.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	Broken core along S0 plans
210.00	213.00	3.00	0.00	0.00	1.70	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	Broken core along S0 plans
213.00	216.00	3.00	0.00	0.00	0.70	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	Broken core along S0 plans
216.00	219.00	3.00	0.00	0.00	0.15	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
219.00	222.00	3.00	0.00	0.00	0.20	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	

End of RQD ; 71 record(s) printed.

## *Radio Hill*

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**Mineralization:**

<i>From</i>	<i>To</i>	<i>Summary</i>	<i>Description</i>	<i>Texture</i>	<i>Magnetite</i>	<i>Hematite</i>	<i>Pyrrhotite</i>	<i>Pyrite</i>	<i>Siderite</i>	<i>Silica</i>	<i>Grain size</i>
10.00	17.70		IF-F		35	0	0	2	1	62	
18.15	21.30		IF-G		30	0	0	8	0	62	
22.70	25.35		IF-G		35	1	0	10	0	54	
27.15	32.30		IF-F		40	0	0	2	0	58	
32.30	50.65		IF-G		25	0	0	10	0	60	
50.80	75.25		IF-G		30	0	0	14	1	55	
76.30	84.60		IF-F		40	0	0	3	0	57	
89.65	93.65		IF-F		30	0	0	2	0	68	
93.65	99.00		IF-G		25	0	0	20	0	55	
99.00	115.30		IF-F		30	0	0	4	0	66	
120.60	170.75		IF-F		40	0	0	2	5	53	
174.47	197.17		IF-H		30	0	0	0	40	30	
213.90	230.44		IF-F		40	0	0	2	10	48	
230.44	254.40		IF-H		10	0	0	1	30	60	

End of Mineralizations ; 14 record(s) printed.

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
12.00	40.00	S0	RICH Mgt + Mns bands
12.50	50.00	S0	rich Mgt band
14.50	40.00	S0	Mgt + Chert band
15.00	50.00	VQ	
15.30	50.00	S0	rich Mgt band
15.40	40.00	S0	Mgt band
18.25	45.00	VQ	
18.35	35.00	VQ	
19.00	50.00	S0	Mgt + Mns bands
20.80	80.00	S0	Mgt + Py bands
21.15	60.00	S0	massive Mgt band + oxidation
22.80	40.00	S0	rich Mgt band
23.10	50.00	VQ	
23.60	45.00	VQ	
24.10	40.00	S0	fractured plane
24.15	50.00	VQ	
24.20	40.00	VQ	
27.60	30.00	VQ	
29.00	45.00	VQ	
30.20	60.00	VQ	
30.40	40.00	VQ	
33.05	60.00	VQ	
33.40	4.00	VQ	veinlet + fractured plane
34.00	45.00	VQ	
35.80	75.00	VQ	
36.60	45.00	VQ	
38.95	50.00	S0	Mgt band
39.15	55.00	S0	Mgt band
39.90	80.00	S0	Mgt band

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
42.60	70.00	VQ	qtz + Mns veinlet
43.50	55.00	VQ	qzt + Mgt veinlets
43.55	70.00	VQ	qtz + Mgt veinlets
46.70	45.00	VQ	
47.80	45.00	S0	Chert + lean Mgt bedding
50.00	40.00	S0	Mgt + Mns trace band
50.80	60.00	S0	Mgt + Mns + Chert bands
51.20	60.00	S0	lean Mgt + Chert bands
54.50	60.00	S0	Mgt + Mns band
57.05	70.00	S0	Mgt band
57.50	50.00	S0	Mgt + Mns band + Py
57.70	70.00	S0	Mgt + Mns band
57.80	60.00	VQ	
63.00	40.00	VQ	qtz + Mns veinlet
64.50	55.00	S0	Mgt + mns band
65.80	40.00	S0	Chert + lean Mgt + Mns bedding
66.00	49.00	S0	deformed Mgt band
68.80	50.00	S0	Mgt + Mns band- brecciated chert
69.80	55.00	S0	fractured plane- chert band
70.00	45.00	S0	fractured plane- Mgt + Mns band
71.80	30.00	S0	fractured plane- Py + Mns band
72.00	45.00	S0	fractured plane
73.50	55.00	S0	fractured plane- chert band
73.50	65.00	S0	rich Mgt + Mns band
75.70	50.00	VQ	
76.20	60.00	VQ	
76.30	40.00	S0	Chert + lean Mgt bedding
77.80	85.00	S0	Mgt + Chert band
80.00	70.00	S0	Mgt band

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
80.50	50.00	S0	fractured plane
81.40	75.00	VQ	qtz + Mns
84.00	25.00	S0	fractured plane- Mgt + Mns + Chert bands
85.00	60.00	S0	fractured plane
87.00	35.00	VQ	
89.00	15.00	Vcc	fracture + Ep + calcite
90.40	55.00	S0	Mgt band
92.50	30.00	S0	Mgt band
99.30	35.00	VQ	
99.50	40.00	VQ	
101.50	60.00	VQ	
102.15	40.00	S1	
102.50	30.00	VQ	
104.80	40.00	S0	Mgt + Mns band
106.00	35.00	S0	
110.00	20.00	S0	
115.30	85.00	Cnt	Upper contact between IF and Intrusive
120.60	20.00	Cnt	Lower contact between IF and intrusive
121.40	65.00	S0	
122.00	0.00	S0	
124.46	65.00	S0	
126.00	85.00	Cnt	Upper contact between IF and intrusive
130.00	55.00	S0	
133.00	50.00	S0	
139.00	0.00	S0	
145.50	35.00	S0	
147.50	20.00	S0	
152.26	20.00	S0	
160.00	45.00	S0	

## Radio Hill

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### Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
164.50	40.00	S0	
173.00	60.00	S0	
182.00	55.00	S0	
194.00	55.00	S0	
215.00	70.00	S0	
247.00	45.00	S0	
251.00	55.00	S0	
261.00	35.00	S0	

End of Structures ;            95 record(s) printed.

## Radio Hill

**Hole:** RH-11-05

<b>Easting:</b> 412725.70	<b>Northing:</b> 5334146.05	<b>Elevation:</b> 435.53
<b>AltEasting:</b> 0.00	<b>AltNorthing:</b> 0.00	<b>AltElevation:</b> 0.00
<b>Azimuth:</b> 180.00	<b>Dip:</b> -45.00	<b>Length:</b> 312.00 m.
<b>AltAzimuth:</b> 0.00		
<b>Hole Type:</b> DDH	<b>Zone:</b> Radio Hill	<b>Contractor:</b> Orbit Garant Drilling
<b>Started:</b> 15/08/11	<b>Finished:</b> 24/08/11	<b>Logged By:</b> K.Sarabia
<b>Claim Number:</b>	<b>Cemented:</b> <input type="checkbox"/>	<b>Surveyed:</b> <input type="checkbox"/> <b>Casing:</b> <input type="checkbox"/>
<b>Township:</b>		
<b>Description:</b>		

**Deviations:**

Depth	Azimuth	AltAzimuth	Dip	Type	State
18.00	202.40	0.00	-44.60		Active
100.00	185.30	0.00	-45.00		Active
200.00	222.00	0.00	-45.00		Inactive
310.00	194.00	0.00	-44.90		Active

50.00	157.40	0.00	-44.90		Inactive
150.00	203.00	0.00	-45.20		Active
250.00	196.60	0.00	-44.80		Active

End of Deviations ; 7 record(s) printed.



# Radio Hill

## Lithology:

Level	From	To	Description
0	0.00	8.00	OVB - no recovery
0	8.00	18.20	IF-G - Magnetite + Chert bands, brecciated and ultra-fine grained texture, silicified core, Siderite + Minnesotaite present, Sulfides (Py, Ccp, Po) trace up to 10-15%. Hydrothermal brecciated core.
2	18.20	18.65	IDD - intermediate dike, chlorite alteration.
0	18.65	33.10	IF-G - Brecciated Hydrothermal and ultra-fine grained texture, silicified core, Siderite and Minnesotaite trace to 10%, moderate to strong presence of sulfides patches and filling fractures and bedding (Py, Ccp, Sp and Po) up to 15-20% in some located segments.
2	33.10	33.55	IDD - Fine to very fine grained intermediate dike, low Chlorite alteration.
2	33.55	33.90	IF-F - Rich Magnetite + Chert banded core, Minnesotaite + Siderite trace up to 5%, sulfides trace, silicified and deformed banded core.
1	33.90	34.60	IDD - Intermediate dike, fine to very fine grained green core. Low to weak CaCO <sub>3</sub> and Chlorite alteration.
2	34.60	34.95	IF-F - brecciated and fine to ultra-fine grained texture, moderate to strong Magnetism response, Siderite + Minnesotaite trace to 2%, Chlorite alteration.
1	34.95	36.15	IDD - intermediate dike, fine to very fine grained texture. Light green color.
0	36.15	59.85	IF-G - Brecciated and silicified core, rich Magnetite + Chert + Minnesotaite bands, moderate to strong presence of sulfides filling fractures and bedding up to 25-30% in some intervals (Py, Po, Ccp trace to 2%), moderate chlorite alteration, fragments are mm'tric to cm'tric and sub-angular to angular, siderite is also present in fractured cherty bands. Moderate to strong magnetism in the Pyrrhotite zone + Minnesotaite. Band + Siderite are deformed and fragments are sub-angular.
1	59.85	62.44	IF-H - Brecciated Hydrothermal texture, Siderite + Chert >> Magnetite + Minnesotaite bedding. Sulfides trace in fractured planes, silicified core, Weak to none CaCO <sub>3</sub> reaction, veinlets + qtz cross-cutting the unit.
2	62.44	62.60	IDD - An intermediate intrusive rock.
1	62.60	67.30	IF-H - Brecciated and silicified core, Siderite + Chert >> Magnetite + Minnesotaite bands, irregular banding, low rusty surfaces, sulfides trace. Fault zone at 64m, extremely broken core (grind).

# Radio Hill

## Lithology:

Level	From	To	Description
2	67.30	67.65	IF-G - Iron formation with rich Magnetite bands + Chert bands, moderate concentration of sulfides (Py) up to 15% filling the fractures and planes of weakness.
0	67.65	78.00	SLC - pale to dark grey Chert + Siderite + Minnesotaite trace up to 2-3%, low Magnetite bedding, deformation is observed in the banded core, micro-brecciated isolated zone.
0	78.00	88.50	IF-G - Magnetite + Minnesotaite >> Chert + Siderite trace, strong to moderate magnetism, moderate sulfides presence (Po, Py) up to 15-20% in some fractures and broken planes, Py and Po are also observed // to the Magnetite bands. At the lower contact Chert >> than Magnetite + Minnesotaite bands. Brecciated texture. At the lower contact we have more Magnetite massive bands with less Chert and Minnesotaite but the sulfides still be present in the unit. Moderate HCl response in veinlets at the bottom.
1	88.50	90.00	IDD - diorite dike, with fine to medium grained texture, at the upper contact the grain is more fine than the middle part and his color is dark gray-greenish at the top and light gray-green at the rest of the core. Veinlets with calcite are cross-cutting the core, moderate HCl response in the groundmass.
2	90.00	90.10	IF-G - Strong Magnetism, Rich and massive Magnetite bands with strong sulphides fine disseminated in fractures and patches.
1	90.10	91.10	IDD - diorite dike, moderate to strong HCl response in fractures, groundmass and veinlets. Pale gray-green color, fine to medium grained texture.
0	91.10	105.00	IF-G - Strong to moderate Magnetism, brecciated and fine to ultra-fine grained texture, fragments are composed of dark gray chert, mm'tric to cm'tric and angular to sub-angular fragments in a random orientation. Some magnetite rich band are deformed, Minnesotaite up to 20% and Siderite trace to 3%, sulfides are also present up to 5-20% in local zones near to fractures and veinlets, silicified core. Low to weak HCl response in fractured planes and fractures, rusty is observed in a little amount.
0	105.00	108.00	IF-H - Siderite + chert >> Magnetite bands at the upper contact, sulfides trace to 4% (Po, Py), micro-fractures filled with Minnesotaite trace to 3-4% and Siderite. At the lower contact Magnetite + Chert > Siderite bands.
0	108.00	112.05	IF-G - iron formation with strong presence of sulfides filling fractures and fine disseminated in veinlets and fractures planes, Minnesotaite + Magnetite >> chert + siderite layers, some bedding is observed in the Siderite + Magnetite + Chert section.
1	112.05	113.55	IF-H - banded and silicified core, Siderite + Chert + magnetite bedding, strong Siderite concentration at the top and bottom of this unit.
0	113.55	117.55	IF-G

## Radio Hill

### Lithology:

Level	From	To	Description
			- Minnesotaité + Magnetite >> Chert bands, strong sulfides fine disseminated and filling fractures, broken planes and veinlets. Strong to moderate magnetism, weak to moderate HCl response in planes of weakness and veinlets.
1	117.55	119.40	IF-H - Siderite rich + Chert >> Magnetite + Minnesotaité + chert bands, sulfides trace and low rusty, bedding is observed in the mm'tric Chert + Siderite bands.
1	119.40	120.40	IF-F - Minnesotaité + rich Magnetite bands > Chert bedding + Siderite trace, sulfides trace, moderate to low CaCO <sub>3</sub> presence in broken planes and veinlets. Strong to moderate magnetism.
1	120.40	121.05	IF-G - iron formation with strong presence of sulfides (Py) in a plane of weakness and fractures, Minnesotaité trace up to 10%.
1	121.05	121.80	SLC - Deformed and banded core with Siderite + Chert bands > Magnetite or Minnesotaité bands.
0	121.80	125.80	IF-F - strong Magnetite + Minnesotaité layer, sulfides trace, silicified core, some bedding have been deformed.
1	125.80	126.35	FZ - Shear Zone in the iron formation : Minnesotaité + magnetite > Chert + Siderite bands, sulfides up to 5-8% in the fractured and sheared planes. This Fault zone is localized in the iron formation rich in Minnesotaité + Magnetite Chert bands.
0	126.35	130.60	IF-H - moderate to weak rich Magnetite bedding, strong to moderate Siderite + Chert bands + Minnesotaité trace to 3-5%, Siderite is present in bedding + fractures.
0	130.60	137.30	IF-G - Rich Magnetite + Minnesotaité > chert + Siderite bands, sulfides up to 20% (Po, Py and Ccp trace) in some fractures and filling veinlets and patches in broken planes.
0	137.30	148.50	IF-H - rich Chert + Siderite bands, Minnesotaité and moderate rich Magnetite layers are also observed at the upper and middle section of this interval, variation of magnetism: moderate at the top and weak to the bottom, sulfides trace to less than 3-4% (Py).
2	148.50	148.85	IDD - intermediate fine grained dike, the foliation is observed at the upper contact.
0	148.85	163.15	IF-H - Siderite + Chert bands > rich Magnetite bands, sulfides trace up to 3-4%, Py present in fractured planes and Po in a isolated band, Minnesotaité trace to 3-5%, deformation present in the banded core, micro-fault cross-cutting the bedding. Siderite + Chert >> rich Magnetite + Minnesotaité, fine to ultra-fine grained texture, micro-brecciated texture with mm'tric to cm'tric sub-angular cherty fragments in some layers.
1	163.15	164.40	FZ

# Radio Hill

## Lithology:

Level	From	To	Description
			- Shear Zone, foliation is present in the Minnesotaite bands, deformation is observed in the Siderite + Chert banded core.
0	164.40	168.75	IF-H - Siderite + Chert > Rich Magnetite + Minnesotaite bedding, sulfides trace up to 4-5% (Py) in a broken plane.
2	168.75	169.15	IF-G - moderate to strong magnetism, sulfides filling the fractures in the Mns + Mag zone (Po, Py and Ccp trace).
0	169.15	174.70	IF-H - strong to moderate Siderite bands > Chert > rich Magnetite + Minnesotaite trace up to 3%, weak HCl response and moderate in some fractured planes, brecciated texture, mm'tric to cm'tric Mag bedding at the lower contact, sulfides trace.
1	174.70	177.00	IF-G - Brecciated and fine to ultra-fine grained core, Po + Py up to 10% fine disseminated and filling the fractures and some isolated veinlets.
0	177.00	184.00	IF-H - Siderite + Chert and lean Mag bands, sulfides trace up to less than 5% (Po > Py), siderite is more concentrated at the upper contact and in the middle part of this interval. We observe cm'tric to mm'tric Chert angular to sub-angular fragments.
1	184.00	184.60	IDD - intermediate fine to medium grained dike- Dioritic core, medium green. Weak presence of veinlets + calcite, low HCl response in the groundmass.
0	184.60	187.45	IF-H - mm'tric to cm'tric Siderite bands > Chert >> Magnetite + Minnesotaite bands, deformation is present in some layers, Magnetite band are lean to moderate Magnetic, sulfides trace to 2-3% (Po).
1	187.45	188.20	IF-F - ultra-fine to fine grained Massive Magnetite + Minnesotaite minor band and Chert minor bands.
1	188.20	188.90	IDD - intermediate fine to medium grained core, medium green, veinlets with little of calcite.
0	188.90	192.80	IF-F - at the upper contact we observe ab intense magnetism, Mass Magnetite + Minnesotaite bands >> Siderite + Chert, veinlet + calcite at the bottom.
1	192.80	195.10	IF-H - brecciated and sheared banded core, Siderite > Chert >> Magnetite + Minnesotaite trace to 3-4%, sulfides trace, moderate to strong silicification.
0	195.10	223.50	IF-G - Massive Magnetite >> Chert + Minnesotaite >>> Siderite + Chert bands, silicified banded core, strong to moderate sulfides presences up to 35-40% in localized sections (Py, Po), Py is present in cubes fine disseminated in the cherty bedding, Po and Py are filling fractures, veinlets and semi-massive at 205, 211 and 213 meters, weak to none HCl response in veinlets + fractured planes.

# Radio Hill

## Lithology:

Level	From	To	Description
2	223.50	223.95	<p>IDD</p> <p>- Fine to medium grained intermediate dike, moderate to weak HCl response in the matrix + veinlets + Calcite, sheared core at the lower contact, chlorite + CaCO<sub>3</sub> alteration.</p>
0	223.95	227.10	<p>IF-G</p> <p>- Rich Mag + Chert + Minnesotaite bedding with strong presence of sulfide (Po, Py) filling fractures, fine disseminated in some bands and also semi-massive in isolated sections, fractured Chert core down after the strong mineralization, weak to none HCl response, Siderite trace.</p>
1	227.10	227.95	<p>IDD</p> <p>- Fine to medium grained intermediate core, veinlets + calcite, pale to medium green color.</p>
1	227.95	229.45	<p>IF-G</p> <p>- Rich Magnetite + Po trace to up 5-8%, Minnesotaite // to the Magnetite bands, Chert with fractures filled with Minnesotaite + Siderite trace to 2%, strong to moderate magnetism, sulfides fine disseminated and filling fractures.</p>
2	229.45	229.90	<p>IDD</p> <p>- dark green color, fine grained core with mm'tric plagioclase crystals, veinlets + calcite, moderate chlorite alteration.</p>
0	229.90	244.45	<p>IF-G</p> <p>- Massive to Rich Magnetite &gt;&gt; Chert &gt; Minnesotaite bands, siderite trace to 3%. From the top to the bottom: weak to moderate and strong HCL response in broken planes, strong presence of sulfides (Po, Py) up to 8-10%.</p>
1	244.45	246.60	<p>IF-H</p> <p>- Siderite + Chert &gt; Magnetite bands, moderate to weak Magnetism, sulfides trace, brecciated fine to ultra-fine grained core.</p>
0	246.60	262.30	<p>IF-G</p> <p>- Massive to rich Magnetite + minnesotaite &gt;&gt; Chert + Siderite bands, Siderite trace to 3-4%, sulfides up to 25-30% in localized in brecciated Hydrothermal core or in fractures and // to Magnetite bedding, chert with fractures and veinlets filled with Mns, Po + Py fine disseminated in veins, veinlets and fractures, Py cubes disseminated in the Chert band. Mylonite texture is observed in some intervals at the top of this unit.</p>
1	262.30	263.35	<p>IDD</p> <p>- Mafic fine to medium grained core with porphyric Plagioclase, very fractured core at the upper and lower contact. Dark green color, strong to moderate Chlorite alteration, Moderate to weak HCl response.</p>
0	263.35	267.65	<p>IF-G</p> <p>- rich Magnetite + Minnesotaite &gt; Chert bands, deformed banded core, Hydrothermal texture with strong Sulfides concentration (Po, Py) trace to semi-massive in the brecciated hydrothermal texture in the chert layer.</p>
0	267.65	276.00	<p>IF-H</p> <p>- well banded core with Siderite + chert &gt; lean Magnetite bands, Sulfides trace up to 3% (Py), silicified core.</p>
0	276.00	279.00	<p>IF-F</p>

## Radio Hill

### Lithology:

Level	From	To	Description
0	279.00	283.00	- rich to massive Magnetite >> Chert bedding, Siderite trace up to 2-3%, well to deformed bedding in some layers, ultra-fine to fine texture, brecciated to banded core, Siderite is filling some bands or veinlets and Minnesotaita is filling some fractures in the matrix.
0	283.00	300.05	IF-H - Siderite + Chert >> rich to lean Magnetite bands, mm'tric to cm'tric bands with some different orientation, sulfides trace up to 2% and at the lower contact mineralization increase up to 4% near to the shear Zone.
0	283.00	300.05	IF-F - Massive to rich Magnetite >> Chert + Jasper bands > Siderite bands, veinlets filled with calcite ross-cutting the bedding, strong moderate HCl response in fractures and veinlets, sulfies trace up to 4-5%, Py cubes and fine disseminated filling fractures. At the lower contact we observe Jasper + Magnetite + Chert bedding, strong magnetism.
2	300.05	300.50	IDD - fine tomedium grained intermediate dike, strong to moderate HCl response, veinlets + calcite croos-cutting the groundmass, medium to light green.
0	300.50	303.60	IF-F - Massive to rich Magnetite >> Chert bands, Minnesotaita is filling some fractures + silica and Siderite trace, moderate veinlets presence filled with calcite, banded and silicified core. At the lower contact we observe an increase of sulfides but they are in a small section.
1	303.60	305.65	IDD - fine to medium grained intermediate dike, medium to light gree, strong HCl response in fractures, veinlets, broken planes and groundmass.
0	305.65	312.00	SM - light to green apple color, chert bands + fine to very fine grained sediments (volcanic?), strong HCl response in the matrix, veinlets and broken planes, stockwork of veinlets + calcite.

End of Lithology; 66 record(s) printed.

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	acts/Leng	Veins	eins/Leng	Angle	Description
				%			%							
8.00	9.00	1.00	0.00	0.00	0.83	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	broken core
9.00	12.00	3.00	0.00	0.00	2.20	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	very broken core, 5 feet ground
12.00	15.00	3.00	0.00	0.00	1.80	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	very broken and fractured core
15.00	18.00	3.00	0.00	0.00	1.35	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
18.00	21.00	3.00	0.00	0.00	2.20	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core, grinded interval
21.00	24.00	3.00	0.00	0.00	1.55	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
24.00	27.00	3.00	0.00	0.00	0.90	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
27.00	30.00	3.00	0.00	0.00	1.75	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
30.00	33.00	3.00	0.00	0.00	1.35	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	very broken core
33.00	36.00	3.00	0.00	0.00	1.15	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
36.00	39.00	3.00	0.00	0.00	1.25	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	very broken core
39.00	42.00	3.00	0.00	0.00	1.00	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00	very broken core
42.00	45.00	3.00	0.00	0.00	2.05	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
45.00	48.00	3.00	0.00	0.00	0.85	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
48.00	51.00	3.00	0.00	0.00	1.80	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
51.00	54.00	3.00	0.00	0.00	0.95	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
54.00	57.00	3.00	0.00	0.00	0.95	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	broken core
57.00	60.00	3.00	0.00	0.00	1.25	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
60.00	63.00	3.00	0.00	0.00	1.55	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
63.00	66.00	3.00	0.00	0.00	1.60	0.00	1.95	0.00	0.00	0.00	0.00	0.00	0.00	extremely broken core-grinded section
66.00	69.00	3.00	0.00	0.00	1.50	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
69.00	72.00	3.00	0.00	0.00	0.90	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
72.00	75.00	3.00	0.00	0.00	1.00	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
75.00	78.00	3.00	0.00	0.00	1.50	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
78.00	81.00	3.00	0.00	0.00	0.95	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	fractured core
81.00	84.00	3.00	0.00	0.00	0.50	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
84.00	87.00	3.00	0.00	0.00	0.95	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%			%							
87.00	90.00	3.00	0.00	0.00	0.70	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	fractured core
90.00	93.00	3.00	0.00	0.00	0.90	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	very fractured core
93.00	96.00	3.00	0.00	0.00	1.10	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	very fractured core
96.00	99.00	3.00	0.00	0.00	1.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
99.00	102.00	3.00	0.00	0.00	0.70	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
102.00	105.00	3.00	0.00	0.00	0.80	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and brken core
105.00	108.00	3.00	0.00	0.00	0.95	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
108.00	111.00	3.00	0.00	0.00	1.60	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	very broken and fractured core
111.00	114.00	3.00	0.00	0.00	1.15	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
114.00	117.00	3.00	0.00	0.00	1.30	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	several mechanic fractures
117.00	120.00	3.00	0.00	0.00	2.50	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core
120.00	123.00	3.00	0.00	0.00	1.90	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	extremely fractured and broken core
123.00	126.00	3.00	0.00	0.00	1.10	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
126.00	129.00	3.00	0.00	0.00	0.60	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
129.00	132.00	3.00	0.00	0.00	1.15	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
132.00	135.00	3.00	0.00	0.00	0.70	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
135.00	138.00	3.00	0.00	0.00	1.00	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
138.00	141.00	3.00	0.00	0.00	0.80	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	fractured and very broken core
141.00	144.00	3.00	0.00	0.00	0.90	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
144.00	147.00	3.00	0.00	0.00	0.45	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	mechanical fractures
147.00	150.00	3.00	0.00	0.00	1.25	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
150.00	153.00	3.00	0.00	0.00	0.60	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
153.00	156.00	3.00	0.00	0.00	0.60	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
156.00	159.00	3.00	0.00	0.00	0.40	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
159.00	162.00	3.00	0.00	0.00	0.40	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
162.00	165.00	3.00	0.00	0.00	0.80	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
165.00	168.00	3.00	0.00	0.00	0.60	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
168.00	171.00	3.00	0.00	0.00	0.95	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
171.00	174.00	3.00	0.00	0.00	0.60	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core



# Radio Hill

**RQD:**

From	To	length	Pces>100	Calcul	RQPces<100	talReco	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
			%		%		%						
174.00	177.00	3.00	0.00	0.00	0.50	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00 fractured core
177.00	180.00	3.00	0.00	0.00	0.50	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
180.00	183.00	3.00	0.00	0.00	0.55	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00 fractured core
183.00	186.00	3.00	0.00	0.00	0.40	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00 fractured core
186.00	189.00	3.00	0.00	0.00	0.40	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
189.00	192.00	3.00	0.00	0.00	0.60	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
192.00	195.00	3.00	0.00	0.00	0.65	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
195.00	198.00	3.00	0.00	0.00	0.55	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
198.00	201.00	3.00	0.00	0.00	0.75	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
201.00	204.00	3.00	0.00	0.00	0.50	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
204.00	207.00	3.00	0.00	0.00	0.70	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
207.00	210.00	3.00	0.00	0.00	0.50	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
210.00	213.00	3.00	0.00	0.00	0.40	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
213.00	216.00	3.00	0.00	0.00	0.45	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
216.00	219.00	3.00	0.00	0.00	0.65	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
219.00	222.00	3.00	0.00	0.00	0.50	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
222.00	225.00	3.00	0.00	0.00	0.75	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
225.00	228.00	3.00	0.00	0.00	0.40	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
228.00	231.00	3.00	0.00	0.00	0.60	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00 fractured core and broken core
231.00	234.00	3.00	0.00	0.00	0.50	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
234.00	237.00	3.00	0.00	0.00	0.40	0.00	2.95	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
237.00	240.00	3.00	0.00	0.00	0.30	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
240.00	243.00	3.00	0.00	0.00	0.35	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
243.00	246.00	3.00	0.00	0.00	0.30	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
246.00	249.00	3.00	0.00	0.00	0.80	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
249.00	252.00	3.00	0.00	0.00	0.35	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00 mechanic fractures
252.00	255.00	3.00	0.00	0.00	0.40	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
255.00	258.00	3.00	0.00	0.00	0.45	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00 fractured and broken core
258.00	261.00	3.00	0.00	0.00	1.90	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00 extremely fractured and broken core
261.00	264.00	3.00	0.00	0.00	1.65	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00 very fractured and broken core
264.00	267.00	3.00	0.00	0.00	0.70	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00 very fractured and broken core

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description	
				%			%								
267.00	270.00	3.00	0.00	0.00	1.80	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core
270.00	273.00	3.00	0.00	0.00	1.90	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	very fractured and broken core.
273.00	276.00	3.00	0.00	0.00	0.50	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
276.00	279.00	3.00	0.00	0.00	1.00	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
279.00	282.00	3.00	0.00	0.00	0.40	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
282.00	285.00	3.00	0.00	0.00	1.00	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
285.00	288.00	3.00	0.00	0.00	0.90	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
288.00	291.00	3.00	0.00	0.00	0.30	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
291.00	294.00	3.00	0.00	0.00	0.80	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures
294.00	297.00	3.00	0.00	0.00	0.80	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
297.00	300.00	3.00	0.00	0.00	0.70	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
300.00	303.00	3.00	0.00	0.00	0.50	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	mechanic fractures mechanic fractures
303.00	306.00	3.00	0.00	0.00	0.80	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
306.00	309.00	3.00	0.00	0.00	0.80	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core
309.00	312.00	3.00	0.00	0.00	0.75	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	fractured and broken core

End of RQD ; 102 record(s) printed.

# Radio Hill

## Mineralization:

<i>From</i>	<i>To</i>	<i>Summary</i>	<i>Description</i>	<i>Texture</i>	<i>Magnetite</i>	<i>Hematite</i>	<i>Pyrrhotite</i>	<i>Pyrite</i>	<i>Siderite</i>	<i>Silica</i>	<i>Grain size</i>
8.00	18.20	IF-G			30	0	10	20	1	39	
18.65	33.10	IF-G			25	0	12	25	1	37	
33.55	33.90	IF-F			20	0	0	0	2	78	
34.60	34.65	IF-F			25	0	0	0	1	74	
36.15	59.85	IF-G			20	0	8	20	3	49	
59.85	62.44	IF-H			10	0	0	2	20	68	
62.60	67.30	IF-H			12	0	0	2	16	70	
67.30	67.65	IF-G			10	0	0	12	1	73	
67.65	78.00	SLC			17	0	0	1	2	80	
78.00	88.50	IF-G			20	0	7	17	1	65	
90.00	90.10	IF-G			35	0	0	15	0	50	
91.10	105.00	IF-G			25	0	8	15	2	50	
105.00	108.00	IF-H			15	0	0	2	25	58	
108.00	112.05	IF-G			30	0	5	20	1	44	
112.05	113.55	IF-H			15	0	0	1	25	59	
113.55	117.55	IF-G			20	0	15	20	0	45	
117.55	119.40	IF-H			15	0	0	1	20	64	
119.40	120.40	IF-F			35	0	0	3	2	60	
120.40	121.05	IF-G			10	0	10	20	0	60	
121.80	125.80	IF-F			25	0	0	2	1	72	
126.35	130.60	IF-F			13	0	0	2	25	60	
130.60	137.30	IF-G			35	0	5	15	2	43	
137.30	148.50	IF-H			15	0	1	3	25	56	
148.85	163.15	IF-H			10	0	1	4	25	60	
164.40	168.75	IF-H			10	0	0	4	21	60	
168.75	169.15	IF-G			25	0	5	15	5	50	
169.15	174.70	IF-H			25	0	1	2	35	37	
174.70	177.00	IF-G			20	0	6	3	10	61	
177.00	184.00	IF-H			10	0	1	2	20	67	

# Radio Hill

**Mineralization:**

<i>From</i>	<i>To</i>	<i>Summary</i>	<i>Description</i>	<i>Texture</i>	<i>Magnetite</i>	<i>Hematite</i>	<i>Pyrrhotite</i>	<i>Pyrite</i>	<i>Siderite</i>	<i>Silica</i>	<i>Grain size</i>
184.60	187.45	IF-H			15	0	0	1	30	54	
187.45	188.20	IF-F			44	0	0	0	1	55	
188.90	192.80	IF-F			30	0	0	1	3	66	
192.80	195.10	IF-H			15	0	1	2	45	37	
195.10	123.50	IF-G			40	0	9	25	1	15	
223.95	227.10	IF-G			15	0	20	9	1	55	
227.95	229.45	IF-G			25	0	8	2	1	64	
229.90	244.45	IF-G			35	0	12	8	2	43	
244.45	246.60	IF-H			15	0	1	2	30	52	
246.60	262.30	IF-G			30	0	15	25	0	30	
263.35	267.65	IF-G			15	0	12	18	20	35	
267.65	276.00	IF-H			10	0	1	1	45	43	
276.00	279.00	IF-F			40	0	0	1	3	56	
279.00	283.00	IF-H			15	0	0	2	25	58	
283.00	300.05	IF-F			45	1	0	3	1	50	

End of Mineralizations ; 44 record(s) printed.

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
6.20	45.00	S0	Magnetite bedding
11.05	55.00	S0	Siderite + chert + Mag band
13.50	60.00	S0	Mag + chert bands
21.00	20.00	S0	deformed band
21.30	30.00	S0	deformed band
27.20	30.00	S0	deformed band + chert + Siderite
35.50	60.00	VQ	
38.00	20.00	S0	Magnetite deformed band
41.00	30.00	S0	Minnesotaite + sulfides fine disseminated band
47.80	35.00	S0	sulfide band
47.80	35.00	S0	deformed chert + Minnesotaite + sulfides band
49.00	35.00	S0	Magnetite + minnesotaite band
50.70	55.00	S0	Siderite + chert band
53.85	25.00	VQ	veins + Qz and Siderite, Ccp trace
57.50	50.00	S0	Siderite band
60.00	40.00	S0	Siderite + Chert mm'tric bedding
60.20	45.00	S0	Siderite + chert bands
63.00	60.00	S0	Chert + siderite ands
65.80	45.00	S0	chert + mag + Mns bands
66.10	50.00	S0	
69.15	30.00	S0	Chert + Siderite + Mag
71.60	35.00	S0	
74.70	60.00	VQ	veinlets + Qz
76.50	45.00	S0	Mag + Chert bands
77.80	30.00	S0	
77.95	20.00	S0	
78.20	45.00	S0	Sulfides bands
81.25	50.00	S0	Mag band
81.35	40.00	S0	Po bands

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
84.50	50.00	S0	Po bands
87.30	30.00	S0	sulfides band
88.40	50.00	Vcc	
88.60	40.00	Vcc	
90.20	40.00	Vcc	
91.00	60.00	Cnt	contact: Magnetite band and a brecciated zone
95.60	30.00	S0	fractures with sulfides (Po)
96.15	35.00	S0	Magnetite + Minnesotaite band
102.05	45.00	VQ	veinlets + Qz
104.50	60.00	S0	
104.60	55.00	S0	Po + Mns + Mag band
104.80	65.00	S0	Mag band
107.50	20.00	S0	fractured plane
108.00	40.00	S0	Mns + mag band
111.30	50.00	S0	sulfides bedding
111.80	60.00	S0	siderite + chert band
112.00	45.00	S0	
112.20	50.00	S0	
117.05	50.00	Vcc	
117.30	40.00	S0	sulfides band
117.80	60.00	S0	sulfides band
118.00	50.00	S0	mag band
119.70	50.00	S0	
120.00	40.00	S0	mag + siderite band
120.35	40.00	Cnt	IF-F and IF-G
120.50	35.00	S0	fractured planes
122.80	35.00	S0	
123.00	50.00	S0	
123.10	60.00	S0	

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
123.40	50.00	S0	
124.50	0.00	VQ	
126.90	70.00	S0	Mns + Po + Mag band
127.00	60.00	Vcc	
127.40	50.00	S0	
127.60	40.00	S0	
127.60	70.00	Vcc	2-3 mm'tric veinlet + calcite
127.90	40.00	S0	
128.25	65.00	S0	Mns + Mag band
128.55	60.00	S0	Magnetite band
129.00	40.00	S0	brecciated texture observed + bedding
129.20	50.00	S0	
130.00	60.00	S0	Py + Mns band
130.50	45.00	S0	Po band + Mag
133.50	65.00	S0	bedding Mns + Mag
135.00	30.00	S0	fractured plane + sulfides
136.10	60.00	S0	Mag band
136.10	50.00	S0	Mns + Mag band
136.55	55.00	S0	
136.85	40.00	S0	Mag band
137.35	45.00	S0	Mns + Po + Mag band
137.50	40.00	S0	fractured plane // bedding + sulfides
137.60	60.00	S0	Band with Chert micro-fractured
138.00	55.00	S0	Mag band
141.00	60.00	S0	Mag + Po band
141.10	70.00	S0	Mns + Mag + Chert micro-bedding
141.60	65.00	S0	Mns + Mag band
144.00	55.00	S0	chert band
144.30	30.00	VQ	

## *Radio Hill*

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**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
145.00	85.00	S0	Siderite + chert bands
145.70	40.00	S0	
145.80	70.00	S0	
148.55	65.00	S0	
148.70	70.00	S0	
148.75	60.00	S1	
148.85	70.00	Cnt	sharp contact : IDD and IF-H
150.15	70.00	S0	Siderite + Chert band
151.20	65.00	S0	Siderite + Chert band
153.05	60.00	S0	
153.15	80.00	S0	Po + Minnesotaite + Mag band
153.20	60.00	S0	Siderite + Chert band
154.80	55.00	S0	Minnesotaite + chert band
155.20	60.00	S0	Sid + Chert bedding
156.00	60.00	S0	Mns + Mag band
156.10	55.00	S0	Chert band
158.50	60.00	S0	Chert + lean Mag band
158.70	60.00	S0	Chert + lean Mag band
158.95	60.00	S0	
160.30	60.00	S0	lean Mag + Chert band
161.00	75.00	S0	lean Mag + Chert bedding
161.20	70.00	S0	
161.70	65.00	S0	lean Mag + Chert band
162.50	65.00	S0	Py band
162.65	55.00	S0	Chert + Siderite bedding
163.05	70.00	S0	Siderite band
163.50	70.00	S0	Chert and massive Mag band
163.60	60.00	S0	Mns + Chert + lean Mag band
165.00	55.00	S0	Chert band



## Radio Hill

### Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
165.10	70.00	S0	
165.55	50.00	S0	Siderite + Chert + lean Mag bands
166.20	35.00	S0	Fractured plane- Shear Zone
166.40	60.00	S0	Sid + Chert + lean Mag bands
167.80	60.00	S0	Magnetite lean band
168.15	60.00	S0	Magnetite lean band
168.40	60.00	S0	Magnetite lean + Siderite bands
169.15	60.00	S0	Mns + Siderite fractured plane // to bedding
171.00	60.00	S0	Siderite + Chert + Mag lean bands
171.30	55.00	S0	
174.20	50.00	S0	Siderite + Mag band
175.80	60.00	S0	Po band
176.70	75.00	S0	Magnetite + chert bedding
177.50	70.00	S0	Mag + Chert bedding
180.30	85.00	S0	Siderite + Chert bedding
182.70	70.00	S0	Side + Chert band
183.60	65.00	S0	Mag rich band
184.20	55.00	Vcc	calcite veinlet
185.70	60.00	S0	Chert + sid + mns band
185.85	65.00	S0	Chert + Sid band
186.40	80.00	S0	Chert + Mag lean band
187.45	45.00	S0	fractured plane, Mass Mag band
188.20	85.00	Cnt	IDD contact
189.00	75.00	S0	rich Mag + chert band
192.80	55.00	S1	lineation of fragments and mns crystals
193.60	75.00	S0	Side + Chert bedding
195.40	65.00	S0	mm'tric Sid + Chert bands
196.20	60.00	S0	Po band
199.00	50.00	S0	Mass Mag band

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
199.40	50.00	S0	Mass Mag band
199.50	60.00	S0	Po band
201.00	60.00	S0	Mass Mag + Po band
202.20	70.00	S0	Mns + chert + Mass Mag bands
203.95	80.00	S0	Mass Mag band
204.30	60.00	S0	Mns + Mag band
208.00	80.00	S0	Mass Mag band
210.10	75.00	S0	rich Mag + chert band
210.50	70.00	Vcc	
211.00	70.00	S0	rich Mag + chert band
213.50	80.00	S0	Mns + Mag band
216.80	85.00	S0	Mag band
217.00	50.00	Vcc	calc + Mns
217.20	70.00	S0	Mag band
218.80	70.00	S0	chert + Mag band
219.00	75.00	S0	Mag + Chert bands
220.00	70.00	S0	Mass Mag band
221.80	50.00	Vcc	calc
222.15	75.00	S0	Rich Mag band
222.30	50.00	S0	fractures + Siderite
222.60	85.00	S0	Po + Mag band
222.75	65.00	S0	Mag band
223.50	55.00	Vcc	Calcite 3 mm'tric veinlet
223.55	35.00	Vcc	Calcite veinlet
223.95	85.00	Cnt	IDD and IF-G contact
224.00	70.00	S0	Mag band
225.00	60.00	VQ	siderite + silica veinlets
226.30	80.00	S0	Mag band
228.05	65.00	VQ	

## Radio Hill

### Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
229.45	50.00	Cnt	IF-g and IDb contact
229.90	85.00	Cnt	ldb and IF-G contact
230.70	30.00	S0	Mag band
230.80	60.00	S0	Mag band
231.40	60.00	VQ	
232.50	55.00	S0	Mag band
232.70	50.00	VQ	
233.85	70.00	S0	Mag + mns band
234.60	45.00	S0	Mag band
240.20	40.00	S0	Mag band
243.00	35.00	S0	Mag + Siderite + Chert bedding
243.70	40.00	S0	siderite + Mag + chert bedding
244.55	40.00	S0	
244.75	45.00	S0	
246.60	70.00	Cnt	IF-H and IF-G contact
249.00	30.00	VQ	
249.20	35.00	VQ	
250.80	50.00	S0	Mag + Chert bedding
252.00	35.00	Vcc	Fracture filled with Siderite + silica
254.55	60.00	S0	Mag + Chert bands
255.95	40.00	S0	Po + Mag bands
256.10	60.00	S0	Mag bands
257.80	40.00	S0	Po + Py + Mag bands
258.10	45.00	S0	fractures + lean Magnetite
263.90	60.00	S0	Mag bands
264.40	40.00	VQ	
264.80	80.00	S0	
264.90	60.00	S0	
265.70	70.00	S0	Band + Py semi-massive

## *Radio Hill*

**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
266.35	70.00	S0	Po + Py band
266.55	40.00	S0	fractured plane +Mns + Po + Py
267.15	40.00	S0	Siderite + Chert bedding
267.80	50.00	S0	Sid + Chert bedding
269.80	60.00	S0	Siderite + Chert bedding
270.40	65.00	S0	Sid + Chert bedding
272.60	50.00	S0	Sid + Chert bedding
273.10	60.00	S0	Sid + Chert bedding
274.50	70.00	S0	Sid + Chert bedding
274.90	70.00	S0	Sid + Chert bedding
275.50	60.00	S0	Sid + Mag bands
276.00	50.00	S0	Siderite + Mag band
276.85	60.00	S0	
276.90	70.00	S0	
277.60	60.00	S0	
278.50	50.00	S0	
279.00	80.00	S0	
279.25	65.00	S0	
279.50	65.00	S0	
280.00	60.00	S0	
281.35	60.00	S0	
282.20	50.00	S0	Mag band
283.00	60.00	Cnt	sample angle as the foliation
283.40	50.00	S0	Py band
283.50	70.00	S0	Mass Mag band
283.80	75.00	S0	
284.00	70.00	S0	
285.20	35.00	Vcc	veinlets + calcite
285.40	70.00	Vcc	

## *Radio Hill*

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**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
285.60	60.00	S0	Mag band
287.30	60.00	Vcc	
288.65	70.00	S0	Mag band
288.80	60.00	S0	Mns + Chert band
289.10	80.00	S0	Mag band
289.60	70.00	S0	rich Mag band
289.75	20.00	Vcc	
291.15	70.00	S0	
291.20	85.00	S0	rich Mag band
291.70	75.00	S0	
292.10	75.00	S0	
292.30	80.00	S0	
292.75	75.00	S0	
294.00	70.00	S0	
295.00	80.00	S0	
296.00	80.00	S0	
296.50	80.00	S0	Jasper + Mag bands
297.30	80.00	S0	Side + Mag bands
298.20	60.00	S0	Mag bands
300.05	85.00	Cnt	IDD contact
300.15	50.00	Vcc	
301.00	70.00	S0	mag band
301.90	70.00	S0	
302.50	75.00	S0	
303.00	70.00	S0	
304.00	70.00	Vcc	
305.00	80.00	Vcc	
305.65	50.00	S0	Chert band
306.90	70.00	Vcc	

## Radio Hill

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### Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
307.00	80.00	S0	Chert band
309.00	50.00	Vcc	
310.00	60.00	S0	volcanic bedding
311.00	60.00	S0	volcanic bedding

End of Structures ;           265 record(s) printed.

## Radio Hill

**Hole:** RH-11-15

<b>Easting:</b> 411981.53	<b>Northing:</b> 5334212.97	<b>Elevation:</b> 0.00
<b>AltEasting:</b> 0.00	<b>AltNorthing:</b> 0.00	<b>AltElevation:</b> 0.00
<b>Azimuth:</b> 180.00	<b>Dip:</b> -45.00	<b>Length:</b> 195.00 m.
<b>AltAzimuth:</b> 0.00		
<b>Hole Type:</b> DDH	<b>Zone:</b> Radio Hill	<b>Contractor:</b> Orbit Garant Drilling
<b>Started:</b> 26/09/11	<b>Finished:</b> 03/10/11	<b>Logged By:</b> K.Sarabia
<b>Claim Number:</b>	<b>Cemented:</b> <input type="checkbox"/>	<b>Surveyed:</b> <input type="checkbox"/> <b>Casing:</b> <input type="checkbox"/>
<b>Township:</b>		
<b>Description:</b>		

**Deviations:**

Depth	Azimuth	AltAzimuth	Dip	Type	State
30.00	227.90	0.00	-45.00	EZ Shot	Inactive
100.00	178.90	0.00	-44.90	EZ Shot	Active
195.00	180.10	0.00	-45.10	EZ Shot	Active

50.00	189.00	0.00	-45.00	EZ Shot	Active
150.00	162.70	0.00	-44.80	EZ Shot	Inactive

End of Deviations ; 5 record(s) printed.

# Radio Hill

## Lithology:

Level	From	To	Description
0	0.00	18.00	OVB - From 12 to 15 m fragments of IF-F. From 15 to 18 m no core drilled: void or cave (drilling maybe the historical hole).
0	18.00	37.75	IF-F - Banded Iron core, rich Mag beds alternating with Chert + Mag + minor Sd and Msn bedding, fractured planes and fractures with moderate oxidation, Mns and Sd associated with Mag + Chert beds, fine to ultra fine grained core, low FeOx presence.
0	37.75	47.80	IF-H - Banded Iron Formation, minor Mag beds alternating with Sd + Chert + lean Chert and sulfides trace.
1	39.72	42.00	IF-G - Banded and deformed sedimentary lean Chert + minor Sd + Mns beds, rusty and fresh sulfides (Py) up to 10-15 % and locally 30% of Py replacing rich Mag bands.
1	45.00	47.55	IF-G - Banded Chert + minor Mag beds, strong to moderate sulfides presence, Py up to 25-35% fine disseminated in the replaced Mgt bedding, moderate oxidized core.
0	47.80	52.10	IF-F - Banded Iron formation, moderate to rich Mag beds alternating with Chert + lean Mag and Sd replacing Mag bands, sulfides trace.
0	52.10	68.80	IF-H - Banded to brecciated Iron formation, rich Sd + Chert beds alternating with minor to lean Mag bands, sulfides trace up to 10%.
1	59.05	60.45	IF-G - Iron formation with strong presence of sulfides, Mag bands replaced by Mns and Py up to 35-40%.
1	63.00	64.22	IF-G - Iron formation with strong sulfides concentration in rich Mag, brecciated white cherty core + siderite filling fractures and beds.
0	68.80	82.10	IF-F - Banded Iron Formation, rich to minor Mag beds alternating with Chert + lean Mag and moderate Sd bedding, fine to ultra fine grained, brecciated cherty core, Mag bands and fragments replaced by Sd + Mns, sulfides trace.
0	82.10	87.65	IF-G - Siderite and lean Mag Iron formation with local semi-massive sulfides bands, brecciated and deformed core, Mns + Sd trace up to 10-12%.
0	87.65	94.65	IF-H - Brecciated and deformed Iron formation, rich Sd + Chert + lean Mag bedding, Mns trace and filling fractures and beds with Mag, sulfides trace up to 3-4% (Py).
0	94.65	156.21	IF-F - Banded Iron formation of rich to massive (local) Mag beds alternating with Chert + minor Mag - Sd - Mns bedding, sulfides trace up to 3-4%, bracciated txture in the Chert + Sd bands and folded rich Mag + white Chert bedding. Vein of calcite + chlorite croos-cutting the unit, weak HCl response. Jasper trace filling Mgt beds. Locally strong Pyrite fine disseminaed in a rich Mag band.



## Radio Hill

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### Lithology:

<i>Level</i>	<i>From</i>	<i>To</i>	<i>Description</i>
1	102.00	104.60	IF-H - Brecciated to deformed Iron Formation, rich Sd + lean Mag + rich Chert bands.
0	156.21	165.45	IF-H - Brecciated Iron Formation, moderate to minor Sd + Chert + lean Mag bands, Chlorite filling fractures and matrix, pale gray color, ultra fine to fine grained core, sulfides trace up to 4% , local Py filling fractures, weak HCl response. Chlorite + Calcite alteration at the lower contact. Upper contact with more mag concentration than the lower contact.
0	165.45	195.00	SM - Sedimentary Mudstone alternating with Graywacke beds, pale to dark green-apple color (upper and lower contact). Ultra fine to medium grained core, moderate silicification, strong to moderate CaCO3 presence in matrix, fractures and veinlets, Epidote + Chlorite and Cal alteration. From 175.90 to 180.95 m, black and dark gray Shale + Py (10%) is observed, weak HCl response and ultra fine to fine grained core.

End of Lithology; 16 record(s) printed.

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	talRecove	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%			%						
18.00	21.00	3.00	0.00	0.00	1.05	0.00	1.60	0.00	0.00	0.00	0.00	0.00	
21.00	24.00	3.00	0.00	0.00	1.05	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
24.00	27.00	3.00	0.00	0.00	1.90	0.00	1.90	0.00	0.00	0.00	0.00	0.00	
27.00	30.00	3.00	0.00	0.00	1.30	0.00	2.30	0.00	0.00	0.00	0.00	0.00	
30.00	33.00	3.00	0.00	0.00	1.25	0.00	2.25	0.00	0.00	0.00	0.00	0.00	
33.00	36.00	3.00	0.00	0.00	0.95	0.00	2.30	0.00	0.00	0.00	0.00	0.00	
36.00	39.00	3.00	0.00	0.00	1.10	0.00	2.50	0.00	0.00	0.00	0.00	0.00	
39.00	42.00	3.00	0.00	0.00	1.30	0.00	2.50	0.00	0.00	0.00	0.00	0.00	
42.00	45.00	3.00	0.00	0.00	1.20	0.00	2.40	0.00	0.00	0.00	0.00	0.00	
45.00	48.00	3.00	0.00	0.00	1.70	0.00	1.85	0.00	0.00	0.00	0.00	0.00	
48.00	51.00	3.00	0.00	0.00	0.90	0.00	2.50	0.00	0.00	0.00	0.00	0.00	
51.00	54.00	3.00	0.00	0.00	1.10	0.00	2.45	0.00	0.00	0.00	0.00	0.00	
54.00	57.00	3.00	0.00	0.00	0.85	0.00	2.90	0.00	0.00	0.00	0.00	0.00	
57.00	60.00	3.00	0.00	0.00	1.45	0.00	2.40	0.00	0.00	0.00	0.00	0.00	
60.00	63.00	3.00	0.00	0.00	1.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	
63.00	66.00	3.00	0.00	0.00	0.95	0.00	2.60	0.00	0.00	0.00	0.00	0.00	
66.00	69.00	3.00	0.00	0.00	1.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
69.00	72.00	3.00	0.00	0.00	0.95	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
72.00	75.00	3.00	0.00	0.00	0.85	0.00	2.70	0.00	0.00	0.00	0.00	0.00	
75.00	78.00	3.00	0.00	0.00	0.70	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
78.00	81.00	3.00	0.00	0.00	1.60	0.00	2.50	0.00	0.00	0.00	0.00	0.00	
81.00	84.00	3.00	0.00	0.00	1.15	0.00	2.75	0.00	0.00	0.00	0.00	0.00	
84.00	87.00	3.00	0.00	0.00	1.15	0.00	2.60	0.00	0.00	0.00	0.00	0.00	
87.00	90.00	3.00	0.00	0.00	1.85	0.00	2.20	0.00	0.00	0.00	0.00	0.00	
90.00	93.00	3.00	0.00	0.00	1.05	0.00	2.25	0.00	0.00	0.00	0.00	0.00	
93.00	96.00	3.00	0.00	0.00	2.05	0.00	2.25	0.00	0.00	0.00	0.00	0.00	
96.00	99.00	3.00	0.00	0.00	1.30	0.00	2.30	0.00	0.00	0.00	0.00	0.00	
99.00	102.00	3.00	0.00	0.00	0.60	0.00	2.40	0.00	0.00	0.00	0.00	0.00	
102.00	105.00	3.00	0.00	0.00	0.80	0.00	2.90	0.00	0.00	0.00	0.00	0.00	
105.00	108.00	3.00	0.00	0.00	1.05	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
108.00	111.00	3.00	0.00	0.00	0.75	0.00	2.75	0.00	0.00	0.00	0.00	0.00	
111.00	114.00	3.00	0.00	0.00	1.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
114.00	117.00	3.00	0.00	0.00	1.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recovery	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%				%						
117.00	120.00	3.00	0.00	0.00	0.25	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	
120.00	123.00	3.00	0.00	0.00	0.35	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	
123.00	126.00	3.00	0.00	0.00	0.25	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	
126.00	129.00	3.00	0.00	0.00	0.35	0.00	2.95	0.00	0.00	0.00	0.00	0.00	0.00	
129.00	132.00	3.00	0.00	0.00	0.30	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	
132.00	135.00	3.00	0.00	0.00	1.15	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	
135.00	138.00	3.00	0.00	0.00	0.45	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	
138.00	141.00	3.00	0.00	0.00	1.50	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	
141.00	144.00	3.00	0.00	0.00	0.25	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	
144.00	147.00	3.00	0.00	0.00	0.45	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	
147.00	150.00	3.00	0.00	0.00	0.30	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	
150.00	153.00	3.00	0.00	0.00	0.45	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	
153.00	156.00	3.00	0.00	0.00	0.85	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	
156.00	159.00	3.00	0.00	0.00	1.10	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	
159.00	162.00	3.00	0.00	0.00	0.90	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	
162.00	165.00	3.00	0.00	0.00	1.05	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	
165.00	168.00	3.00	0.00	0.00	0.80	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	
168.00	171.00	3.00	0.00	0.00	1.15	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	
171.00	174.00	3.00	0.00	0.00	0.90	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	
174.00	177.00	3.00	0.00	0.00	0.75	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	
177.00	180.00	3.00	0.00	0.00	0.35	0.00	2.90	0.00	0.00	0.00	0.00	0.00	0.00	
180.00	183.00	3.00	0.00	0.00	0.65	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	
183.00	186.00	3.00	0.00	0.00	1.05	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	
186.00	189.00	3.00	0.00	0.00	0.35	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	
189.00	192.00	3.00	0.00	0.00	0.70	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	
192.00	195.00	3.00	0.00	0.00	0.60	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	

End of RQD ; 59 record(s) printed.

## *Radio Hill*

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**Mineralization:**

<i>From</i>	<i>To</i>	<i>Summary</i>	<i>Description</i>	<i>Texture</i>	<i>Magnetite</i>	<i>Hematite</i>	<i>Pyrrhotite</i>	<i>Pyrite</i>	<i>Siderite</i>	<i>Silica</i>	<i>Grain size</i>
18.00	37.75		IF-F		35	1	0	1	8	55	
37.75	47.80		IF-H		10	0	0	15	25	50	
47.80	52.10		IF-F		25	0	0	1	5	70	
52.10	68.80		IF-H		8	0	0	12	35	45	
68.80	82.10		IF-H		16	0	0	1	10	73	
82.10	87.65		IF-G		8	0	0	25	12	55	
87.65	94.65		IF-H		8	0	0	4	25	62	
94.65	138.00		IF-F		35	0	0	3	12	50	
94.65	156.21		IF-F		30	0	0	3	7	60	
102.00	104.60		IF-H		5	0	0	1	30	64	
156.21	165.45		IF-H		8	0	0	4	15	73	

End of Mineralizations ; 11 record(s) printed.

## *Radio Hill*

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**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
18.60	50.00	S0	
21.60	50.00	S0	
21.70	50.00	S0	
23.80	40.00	S0	
24.30	50.00	S0	
26.00	40.00	S0	
27.10	65.00	S0	
27.45	60.00	S0	
29.50	50.00	S0	
31.00	50.00	S0	
33.00	50.00	S0	
33.40	60.00	S0	
35.00	60.00	S0	
36.00	55.00	S0	
37.60	60.00	S0	
38.10	70.00	S0	
38.60	65.00	S0	
38.90	65.00	S0	
42.00	40.00	S0	
45.00	60.00	S0	
45.40	70.00	S0	
47.60	50.00	S0	
48.15	55.00	S0	
49.50	0.00	S0	
51.00	40.00	S0	
51.10	55.00	S0	
51.80	40.00	S0	
52.25	40.00	S0	
53.00	50.00	S0	

## *Radio Hill*

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**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
56.60	60.00	S0	
56.70	70.00	S0	
57.20	60.00	S0	
58.00	60.00	S0	
66.30	60.00	S0	
67.00	55.00	S0	
69.00	50.00	S0	s0
71.80	70.00	S0	
72.10	60.00	S0	
75.00	60.00	S0	
75.50	65.00	S0	
76.00	65.00	S0	
77.70	70.00	S0	
78.15	60.00	S0	
82.00	70.00	S0	
83.00	60.00	S0	
84.50	40.00	S0	Py + Mns bands
87.00	60.00	S0	
87.70	50.00	S0	
90.65	75.00	S0	
91.20	70.00	S0	
95.50	60.00	S0	
96.00	60.00	S0	
97.00	60.00	S0	
99.00	65.00	S0	
107.50	50.00	S0	
107.90	70.00	S0	
108.40	70.00	S0	
109.00	50.00	S0	Jasper trace

# Radio Hill

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## Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
111.00	30.00	S0	
112.00	85.00	S0	
113.00	50.00	S0	
114.50	65.00	S0	
117.00	40.00	S0	
118.40	40.00	S0	
118.50	50.00	S0	
119.60	40.00	S0	
125.60	45.00	S0	
127.00	60.00	S0	
129.50	70.00	S0	
138.50	70.00	S0	
139.25	55.00	S0	
140.80	50.00	S0	
141.10	60.00	S0	
143.00	60.00	S0	
143.70	50.00	S0	
144.40	60.00	S0	
147.15	65.00	S0	
150.00	60.00	S0	
152.00	50.00	S0	
152.50	45.00	S0	
153.00	60.00	S0	
153.55	55.00	S0	
155.50	55.00	S0	
156.00	60.00	S0	
157.50	65.00	S0	
157.75	60.00	S0	
159.15	75.00	S0	

## *Radio Hill*

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### *Structures:*

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
162.40	55.00	S0	
165.45	45.00	Cnt	lower contact IFF- SM
168.00	80.00	S0	
173.50	70.00	S0	
175.80	70.00	Cnt	Upper contact SM- Black shale
180.90	65.00	S0	Lower contact Black Shale- SM
183.00	50.00	S0	
184.00	55.00	S0	
186.00	60.00	S0	
189.00	80.00	S0	
191.00	50.00	S0	
192.00	60.00	S0	
194.60	60.00	S0	

End of Structures ;            100 record(s) printed.



## Radio Hill

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**Hole:** RH-11-16

<b>Easting:</b> 411838.74	<b>Northing:</b> 5334274.96	<b>Elevation:</b> 0.00
<b>AltEasting:</b> 0.00	<b>AltNorthing:</b> 0.00	<b>AltElevation:</b> 0.00
<b>Azimuth:</b> 180.00	<b>Dip:</b> -45.00	<b>Length:</b> 187.00 m.
<b>AltAzimuth:</b> 0.00		
<b>Hole Type:</b> DDH	<b>Zone:</b> Radio Hill	<b>Contractor:</b> Orbit Garant Drilling
<b>Started:</b> 20/09/11	<b>Finished:</b> 26/09/11	<b>Logged By:</b> K.Sarabia
<b>Claim Number:</b>	<b>Cemented:</b> <input type="checkbox"/>	<b>Surveyed:</b> <input type="checkbox"/> <b>Casing:</b> <input type="checkbox"/>
<b>Township:</b>		
<b>Description:</b>		

***Deviations:***

Depth	Azimuth	AltAzimuth	Dip	Type	State
24.00	157.20	0.00	-45.70	EZ Shot	Inactive
102.00	168.80	0.00	-46.20	EZ Shot	Inactive

51.00	315.20	0.00	-46.10	EZ Shot	Inactive
150.00	163.70	0.00	-46.70	EZ Shot	Inactive

End of Deviations ;    4 record(s) printed.

## Radio Hill

### Lithology:

Level	From	To	Description
0	0.00	9.00	OVB - no core recovered
0	9.00	36.00	IF-F - Banded Iron formation, some beds are folded, rich Mag bands alternating with Chert + moderate Mag and Mns bedding, the amount of silica is between 15 to 75%, the upper contact has a moderate- low oxidized broken planes and fractures, fine to ultra fine grained core, Py trace.
0	36.00	42.12	IF-G - Banded Iron formation, rich to moderate Mag bands alternating with white Chert + Mns bedding, fine to ultra fine grained texture, Mns present in the cherty bands + Py is replacing some Mag up to 8-10%.
0	42.12	50.00	IF-F - Banded Iron formation, rich Mag bands alternating with Chert + Mns + Mag beds, sulfides trace.
0	50.00	61.95	IF-G - Banded Iron formation, minor to moderate Mag beds alternating with Chert + Mns at the upper contact. At the bottom, strong white Chert + Mns and Mag minor bedding, Py and Po are replacing Mag beds and also are present in veinlets up to 5-8%, brecciated texture in Cherty bands.
0	61.95	104.65	IF-F - Banded Iron formation, rich Mag beds alternating with Chert + Mns + minor Mag bedding, folded and brecciated bands, sulfides trace up to 4%. Fine to ultra fine grained core.
2	85.60	85.80	IF-G - Local Py semi-massive up to 45-50% (15-20 cm) replacing a rich Mag band. AC: 50 degrees.
2	101.65	102.00	IF-G - Sulfides replacing rich Mag bands and fragments of IF, deformed bedding and brecciated core. Py up to less than 65%.
0	104.65	123.00	IF-G - Banded Iron formation, rich to moderate Mag beds alternating with Chert + Mns + lean to moderate Mag. Some bedding is folded and deformed, sulfides filling the bedding and some fractures up to 20-25% (Py >> Po). Mns + Py are replacing rich Mag beds.
0	123.00	187.00	IDB - Intermediate intrusive rock, very fine to medium grained Diabase, moderate Chl, CaCO <sub>3</sub> and Epidote alteration, broken planes with 55 degrees to AC, very fractured core, veins and veinlets with Cal and local Epidote. Extremely to moderate broken and fractured core. At 168 m moderate to strong Chlorite and minor CaCO <sub>3</sub> + Epidote alteration. HCl response only in fractured planes and veinlets.

End of Lithology; 10 record(s) printed.

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	talRecove	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%			%						
9.00	12.00	3.00	0.00	0.00	2.30	0.00	0.83	0.00	0.00	0.00	0.00	0.00	
12.00	15.00	3.00	0.00	0.00	1.05	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
15.00	18.00	3.00	0.00	0.00	0.85	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
18.00	21.00	3.00	0.00	0.00	1.20	0.00	2.40	0.00	0.00	0.00	0.00	0.00	
21.00	24.00	3.00	0.00	0.00	1.00	0.00	2.70	0.00	0.00	0.00	0.00	0.00	
24.00	27.00	3.00	0.00	0.00	1.30	0.00	2.40	0.00	0.00	0.00	0.00	0.00	
27.00	30.00	3.00	0.00	0.00	0.75	0.00	2.60	0.00	0.00	0.00	0.00	0.00	
30.00	33.00	3.00	0.00	0.00	0.50	0.00	2.90	0.00	0.00	0.00	0.00	0.00	
33.00	36.00	3.00	0.00	0.00	1.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	
36.00	39.00	3.00	0.00	0.00	1.25	0.00	2.50	0.00	0.00	0.00	0.00	0.00	
39.00	42.00	3.00	0.00	0.00	1.10	0.00	2.50	0.00	0.00	0.00	0.00	0.00	
42.00	45.00	3.00	0.00	0.00	0.95	0.00	2.65	0.00	0.00	0.00	0.00	0.00	
45.00	48.00	3.00	0.00	0.00	1.05	0.00	2.65	0.00	0.00	0.00	0.00	0.00	
48.00	51.00	3.00	0.00	0.00	0.95	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
51.00	54.00	3.00	0.00	0.00	0.90	0.00	2.75	0.00	0.00	0.00	0.00	0.00	
54.00	57.00	3.00	0.00	0.00	1.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	
57.00	60.00	3.00	0.00	0.00	0.55	0.00	2.80	0.00	0.00	0.00	0.00	0.00	
60.00	63.00	3.00	0.00	0.00	0.60	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
63.00	66.00	3.00	0.00	0.00	0.45	0.00	2.75	0.00	0.00	0.00	0.00	0.00	
66.00	69.00	3.00	0.00	0.00	0.35	0.00	2.80	0.00	0.00	0.00	0.00	0.00	
69.00	72.00	3.00	0.00	0.00	0.35	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
72.00	75.00	3.00	0.00	0.00	0.25	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
75.00	78.00	3.00	0.00	0.00	0.45	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
78.00	81.00	3.00	0.00	0.00	0.75	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
81.00	84.00	3.00	0.00	0.00	0.40	0.00	2.90	0.00	0.00	0.00	0.00	0.00	
84.00	87.00	3.00	0.00	0.00	0.45	0.00	2.70	0.00	0.00	0.00	0.00	0.00	
87.00	90.00	3.00	0.00	0.00	0.65	0.00	2.60	0.00	0.00	0.00	0.00	0.00	
90.00	93.00	3.00	0.00	0.00	1.30	0.00	2.65	0.00	0.00	0.00	0.00	0.00	
93.00	96.00	3.00	0.00	0.00	1.45	0.00	2.50	0.00	0.00	0.00	0.00	0.00	
96.00	99.00	3.00	0.00	0.00	1.30	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
99.00	102.00	3.00	0.00	0.00	0.65	0.00	2.65	0.00	0.00	0.00	0.00	0.00	
102.00	105.00	3.00	0.00	0.00	1.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	
105.00	108.00	3.00	0.00	0.00	0.65	0.00	2.45	0.00	0.00	0.00	0.00	0.00	

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	total	Recover	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%				%						
108.00	111.00	3.00	0.00	0.00	0.50	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	
111.00	114.00	3.00	0.00	0.00	0.25	0.00	2.95	0.00	0.00	0.00	0.00	0.00	0.00	
114.00	117.00	3.00	0.00	0.00	0.50	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	
117.00	120.00	3.00	0.00	0.00	1.00	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	
120.00	123.00	3.00	0.00	0.00	0.35	0.00	2.95	0.00	0.00	0.00	0.00	0.00	0.00	
123.00	126.00	3.00	0.00	0.00	1.45	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	
126.00	129.00	3.00	0.00	0.00	1.60	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	
129.00	132.00	3.00	0.00	0.00	1.30	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	
132.00	135.00	3.00	0.00	0.00	0.95	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	
135.00	138.00	3.00	0.00	0.00	0.80	0.00	2.85	0.00	0.00	0.00	0.00	0.00	0.00	
138.00	141.00	3.00	0.00	0.00	0.90	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	
141.00	144.00	3.00	0.00	0.00	1.90	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	
144.00	147.00	3.00	0.00	0.00	2.30	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	
147.00	150.00	3.00	0.00	0.00	2.15	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00	
150.00	153.00	3.00	0.00	0.00	1.80	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	
153.00	156.00	3.00	0.00	0.00	1.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	
156.00	159.00	3.00	0.00	0.00	0.95	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	
159.00	162.00	3.00	0.00	0.00	1.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	
162.00	165.00	3.00	0.00	0.00	1.75	0.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	
165.00	168.00	3.00	0.00	0.00	2.25	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	
168.00	171.00	3.00	0.00	0.00	1.90	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	
171.00	174.00	3.00	0.00	0.00	2.70	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	
174.00	177.00	3.00	0.00	0.00	1.75	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	
177.00	180.00	3.00	0.00	0.00	2.10	0.00	2.05	0.00	0.00	0.00	0.00	0.00	0.00	
180.00	183.00	3.00	0.00	0.00	1.95	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	
183.00	186.00	3.00	0.00	0.00	1.75	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	
186.00	187.00	1.00	0.00	0.00	0.60	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	

End of RQD ; 60 record(s) printed.

## *Radio Hill*

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**Mineralization:**

<i>From</i>	<i>To</i>	<i>Summary</i>	<i>Description</i>	<i>Texture</i>	<i>Magnetite</i>	<i>Hematite</i>	<i>Pyrrhotite</i>	<i>Pyrite</i>	<i>Siderite</i>	<i>Silica</i>	<i>Grain size</i>
9.00	36.00	IF-F			40	0	0	1	0	59	
36.00	42.12	IF-G			30	0	2	8	0	60	
42.12	50.00	IF-F			35	0	0	1	0	64	
50.00	61.95	IF-G			20	0	2	8	0	68	
61.65	104.65	IF-F			35	0	0	8	2	55	
104.65	123.00	IF-G			30	0	1	25	0	44	

End of Mineralizations ;      6 record(s) printed.

## Radio Hill

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### Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
12.00	40.00	S0	
12.20	45.00	S0	
15.30	50.00	S0	
17.80	40.00	S0	
19.00	40.00	S0	
21.00	35.00	S0	
24.30	45.00	S0	
25.50	65.00	S0	
27.00	45.00	S0	
27.60	50.00	S0	
29.00	50.00	S0	
30.40	50.00	S0	
32.00	45.00	S0	
33.00	45.00	S0	
35.80	35.00	S0	
37.00	45.00	S0	
39.20	50.00	S0	
42.00	30.00	S0	
43.50	45.00	S0	
44.00	40.00	S0	
45.00	60.00	S0	
48.40	40.00	S0	
50.00	50.00	S0	
51.00	45.00	S0	
54.00	70.00	S0	
57.20	65.00	S0	
59.00	60.00	S0	
60.50	35.00	S0	
62.00	40.00	S0	

## *Radio Hill*

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**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
63.00	60.00	Vcc	+ EP
63.50	40.00	S0	
65.00	60.00	Vcc	
65.50	35.00	S0	
67.00	45.00	S0	
68.25	40.00	Vcc	
70.00	30.00	S0	
72.00	65.00	S0	
73.00	30.00	S0	
74.00	60.00	S0	
74.20	65.00	S0	
76.00	50.00	S0	
76.90	35.00	S0	
77.20	55.00	S0	
77.80	60.00	Vcc	
81.50	50.00	S0	
84.20	65.00	S0	
85.50	60.00	S0	
87.00	50.00	S0	
88.00	45.00	S0	
90.30	50.00	S0	
93.15	45.00	S0	
101.50	55.00	S0	
103.00	65.00	S0	
103.50	55.00	S0	
104.80	60.00	S0	
107.70	50.00	S0	
116.00	55.00	S0	
120.30	40.00	S0	fractured plane

## *Radio Hill*

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**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
127.00	55.00	S0	fractured plane
132.00	55.00	S0	fractured plane
142.00	30.00	S0	fractured plane
143.00	50.00	S0	
156.00	55.00	S0	
159.00	55.00	S0	
185.00	30.00	S0	fractured plane
186.20	65.00	S0	
187.00	40.00	Vcc	+ Ep

End of Structures ;            67 record(s) printed.



## Radio Hill

**Hole:** RH-11-17

<b>Easting:</b> 411692.74	<b>Northing:</b> 5334340.84	<b>Elevation:</b> 430.00
<b>AltEasting:</b> 0.00	<b>AltNorthing:</b> 0.00	<b>AltElevation:</b> 0.00
<b>Azimuth:</b> 180.00	<b>Dip:</b> -45.00	<b>Length:</b> 201.00 m.
<b>AltAzimuth:</b> 0.00		
<b>Hole Type:</b> DDH	<b>Zone:</b> Radio Hill	<b>Contractor:</b> Orbit Garant
<b>Started:</b> 16-09-11	<b>Finished:</b> 20-09-11	<b>Logged By:</b> J-P Paiement
<b>Claim Number:</b>	<b>Cemented:</b> <input type="checkbox"/>	<b>Surveyed:</b> <input type="checkbox"/> <b>Casing:</b> <input type="checkbox"/>
<b>Township:</b>		
<b>Description:</b>		

**Deviations:**

<i>Depth</i>	<i>Azimuth</i>	<i>AltAzimuth</i>	<i>Dip</i>	<i>Type</i>	<i>State</i>
21.00	213.80	0.00	-45.00	EZ Shot	Inactive
100.00	244.30	0.00	-44.40	EZ Shot	Inactive
200.00	180.40	0.00	-44.50	EZ Shot	Active

50.00	239.90	0.00	-44.90	EZ Shot	Inactive
150.00	181.90	0.00	-44.10	EZ Shot	Active

End of Deviations ; 5 record(s) printed.

# Radio Hill

## Lithology:

Level	From	To	Description
0	0.00	6.00	OVB - no core recovered.
0	6.00	27.00	SLC - Banded core, Cherty iron formation composed up to 75% chert matrix with cm lean Mag beds, ultra fine grained rock. Brecciated texture is also present, silicified mudstone beds, sulfides trace.
0	27.00	32.60	IF-G - Deformed to banded Iron formation, sulfides (Py, Ccp and Po) filling fractures up to 10-12%, replaced Mag bands with Mns, Py and Po. Folded Po bands, hard to soft core, presence of Chlorite at the sulfide layers.
0	32.60	41.00	SLC - Pale gray to white Cherty iron formation, lean Mag bands with micas (Chl and/or Bt), local sulfides presence, Py -Po trace up to less than 4%. Silicified to soft core. Brecciated texture, fine to ultra fine grained rock.
0	41.00	54.26	IF-G - Brecciated to banded Iron Formation, pale gray to white Cherty core with cm to mm rich Mag bands, lean Mag + Mns + Po bands, sulfides fine disseminated in veinlets + fractures up to 8-10% and locally up to 20% (Po). Fine to ultra fine grained rock.
0	54.26	94.86	IF-F - Iron formation with a ultra fine grained Mag beds alternating with cherty bands, low to moderate Mns presence, the bedding of Mag has different amount of silica from 10 to 75%. Local Py (< 8%) and Po (up to 35%).
1	89.32	91.75	IF-G - Iron formation with sulfides (Py and Po) up to 30-35% filling fractures, most of the Po is replacing rich Mag bands. Deformed and brecciated texture, veinlets with green mica (Chl), fine to ultra fine grained core, Mns also present.
0	94.86	100.41	IF-G - Replaced iron formation formation with chert and Mag replaced by Mns and Po, ultra fine grained core, Local semi massive Po, White to green Cherty replaced Mag by Mns and Po. Brecciated to banded structures.
0	100.41	113.80	IF-F - Iron formation, rich Mgt + Mns bands alternating with Cherty beds, ultra fine grained core, deformed to well banded core, mns and siderite (trace) replacement in the Mgt beds, local Po up to 8-10%, veinlets + siderite cross-cutting the unit.
1	105.65	107.78	IF-G - Iron formation with moderate sulfides concentration filling fractures and some Mag beds, brecciated to deformed texture, Po and Py up to 12-15% and Sd trace.
2	108.30	109.04	IDB - Intrusive Diabase, altered in chl + cc, fine to medium grained core, foliated texture at the lower contact and moderate to strong HCl response in veinlets and the matrix.
0	113.80	130.00	IF-E - Banded Iron Formation, massive to rich Mag + Chert + Mns beds, strong magnetism in the cherty bands, Mns + Qtz + Sd trace in the fractures and bedding. Mag up to 70%, lower contact with deformed bedding and brecciated cherty + Sd and Mns bands.

## Radio Hill

### Lithology:

<i>Level</i>	<i>From</i>	<i>To</i>	<i>Description</i>
2	126.71	126.89	IDB - Intrusive altered with chlorite and weak calcite. Fine to ultrafine grained core.
0	130.00	147.00	IF-F - Banded Iron Formation, rich Mag + Mns + cherty bands, the chert is pale gray and medium to ultra fine grained texture, sulfides fine disseminated in local zones, Py filling veinlets and fractures up to 3-5%, cm to dm veins filling with Cal, Sd and Qtz near to mineralization (Py) also with Chl and Cal alteration, veinlets + Sd + Qtz and Cal cross-cutting the bedding.
2	131.05	131.40	IDB - Intrusive altered Diabase, altered with chlorite and weak Cal, near to mineralization (Py) and a Qtz + Cal + Sd cm'tric and fractured vein.
0	147.00	153.15	IF-G - non banded Iron formation, brecciated texture and deformed bands, Mns + Qzt + Sd (trace only) in fractures and veinlets, sulfides present in fractured matrix, broken planes and veinlets, Po up to 12-15% and Py up to 4-5%, Mag replacement by Po and Py in some folded beds.
2	148.12	148.52	IDB - Intrusive mafic rock with strong Chlorite alteration, none HCl response, fine to ultra fine grained core, sulfides trace.
0	153.15	157.65	IF-F - Banded to bracciated Iron Formation, rich Mag + Mns + Chert bedding, sulfides trace and less to 3%, Mns and Sd replacement near to the rich Mag bands.
0	157.65	165.00	IF-G - Banded to deformed Iron Formation, moderate to rich Mag bands + cherty and brecciated beds, sulfides fine disseminated in Mag beds and filling fractures, Sd trace, white to dark gray cherty core with ultra fine grained texture.
0	165.00	175.50	IF-F - Banded to bracciated Iron formation, ultra fine grained and rich Mag beds alternating with Chert + lean Mag + Mns bnds, Sd trace. The amount of silica is up to 75-80%. Sulfides (Po> Py) trace to less than 4%. Mag has been replaced by Mns and locally Po.
0	175.50	201.00	SG - Fine to medium grained sedimentary rock, apple green color, Epidote and strong CaCO3 alteration in the matrix and veinlets. Cherty bands alternating with the graywacke and mudstone beds. Foliation is observed at the shear zone (upper contact) and also in some local levels.

End of Lithology; 21 record(s) printed.

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	talReco	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
				%			%						
6.00	9.00	3.00	0.00	0.00	0.42	0.00	1.28	0.00	0.00	0.00	0.00	0.00	
9.00	12.00	3.00	0.00	0.00	0.28	0.00	3.00	0.00	0.00	0.00	0.00	0.00	oxidized intervals with secondary porosity
12.00	15.00	3.00	0.00	0.00	0.70	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
15.00	18.00	3.00	0.00	0.00	0.55	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
18.00	21.00	3.00	0.00	0.00	1.05	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
21.00	24.00	3.00	0.00	0.00	0.20	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
24.00	27.00	3.00	0.00	0.00	0.40	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
27.00	30.00	3.00	0.00	0.00	0.30	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
30.00	33.00	3.00	0.00	0.00	0.47	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
33.00	36.00	3.00	0.00	0.00	0.55	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
36.00	39.00	3.00	0.00	0.00	0.36	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
39.00	42.00	3.00	0.00	0.00	0.40	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
42.00	45.00	3.00	0.00	0.00	0.20	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
45.00	48.00	3.00	0.00	0.00	0.21	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
48.00	51.00	3.00	0.00	0.00	0.43	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
51.00	54.00	3.00	0.00	0.00	0.35	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
54.00	57.00	3.00	0.00	0.00	0.10	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
57.00	60.00	3.00	0.00	0.00	0.20	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
60.00	63.00	3.00	0.00	0.00	0.10	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
63.00	66.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
66.00	69.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
69.00	72.00	3.00	0.00	0.00	0.10	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
72.00	75.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
75.00	78.00	3.00	0.00	0.00	0.10	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
78.00	81.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
81.00	84.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
84.00	87.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
87.00	90.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
90.00	93.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
93.00	96.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
96.00	99.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
99.00	102.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	

# Radio Hill

**RQD:**

From	To	length	Pces>100	CalculRQP	Pces<100	talRecover	Recovery	Fractures	sacts/Leng	Veins	eins/Leng	Angle	Description
			%	%	%	%	%						
102.00	105.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
105.00	108.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
108.00	111.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
111.00	114.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
114.00	117.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
117.00	120.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
120.00	123.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
123.00	126.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
126.00	129.00	3.00	0.00	0.00	0.30	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
129.00	132.00	3.00	0.00	0.00	0.30	0.00	2.80	0.00	0.00	0.00	0.00	0.00	
132.00	135.00	3.00	0.00	0.00	0.30	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
135.00	138.00	3.00	0.00	0.00	0.40	0.00	2.80	0.00	0.00	0.00	0.00	0.00	
138.00	141.00	3.00	0.00	0.00	0.30	0.00	2.95	0.00	0.00	0.00	0.00	0.00	
141.00	144.00	3.00	0.00	0.00	0.40	0.00	2.80	0.00	0.00	0.00	0.00	0.00	
144.00	147.00	3.00	0.00	0.00	0.10	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
147.00	150.00	3.00	0.00	0.00	0.50	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
150.00	153.00	3.00	0.00	0.00	0.55	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
153.00	156.00	3.00	0.00	0.00	0.45	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
156.00	159.00	3.00	0.00	0.00	0.55	0.00	2.75	0.00	0.00	0.00	0.00	0.00	
159.00	162.00	3.00	0.00	0.00	0.70	0.00	2.80	0.00	0.00	0.00	0.00	0.00	
162.00	165.00	3.00	0.00	0.00	0.75	0.00	2.70	0.00	0.00	0.00	0.00	0.00	
165.00	168.00	3.00	0.00	0.00	0.20	0.00	3.00	0.00	0.00	0.00	0.00	0.00	
168.00	171.00	3.00	0.00	0.00	0.30	0.00	2.90	0.00	0.00	0.00	0.00	0.00	
171.00	174.00	3.00	0.00	0.00	0.15	0.00	2.90	0.00	0.00	0.00	0.00	0.00	
174.00	177.00	3.00	0.00	0.00	0.55	0.00	2.80	0.00	0.00	0.00	0.00	0.00	
177.00	180.00	3.00	0.00	0.00	0.50	0.00	2.60	0.00	0.00	0.00	0.00	0.00	shear zone
180.00	183.00	3.00	0.00	0.00	0.70	0.00	2.75	0.00	0.00	0.00	0.00	0.00	
183.00	186.00	3.00	0.00	0.00	0.70	0.00	2.75	0.00	0.00	0.00	0.00	0.00	
186.00	189.00	3.00	0.00	0.00	0.35	0.00	2.80	0.00	0.00	0.00	0.00	0.00	
189.00	192.00	3.00	0.00	0.00	0.30	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
192.00	195.00	3.00	0.00	0.00	0.40	0.00	2.95	0.00	0.00	0.00	0.00	0.00	
195.00	198.00	3.00	0.00	0.00	0.40	0.00	2.85	0.00	0.00	0.00	0.00	0.00	
198.00	201.00	3.00	0.00	0.00	0.40	0.00	3.00	0.00	0.00	0.00	0.00	0.00	

## *Radio Hill*

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**RQD:**

<i>From</i>	<i>To</i>	<i>length</i>	<i>Pces&gt;100</i>	<i>CalculRQP</i>	<i>Pces&lt;100</i>	<i>talRecove</i>	<i>Recovery</i>	<i>Fractures</i>	<i>acts/Leng</i>	<i>Veins</i>	<i>eins/Leng</i>	<i>Angle</i>	<i>Description</i>
				<i>%</i>			<i>%</i>						
End of RQD ;		65 record(s) printed.											

## *Radio Hill*

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**Mineralization:**

<i>From</i>	<i>To</i>	<i>Summary</i>	<i>Description</i>	<i>Texture</i>	<i>Magnetite</i>	<i>Hematite</i>	<i>Pyrrhotite</i>	<i>Pyrite</i>	<i>Siderite</i>	<i>Silica</i>	<i>Grain size</i>
0.00	153.15		IF-G		25	0	15	2	1	57	
0.00	165.00		IF-G		30	0	10	4	1	55	
27.00	32.00		IF-G		12	0	25	3	0	60	
41.00	54.26		IF-G		25	0	15	1	0	60	
54.26	94.86		IF-F		45	0	2	10	0	43	
94.86	100.41		IF-G		35	0	20	0	0	45	
100.41	113.80		IF-F		35	0	0	12	1	52	
113.80	130.00		IF-E		60	0	0	1	3	36	
130.00	147.00		IF-F		45	0	0	4	5	46	
153.15	157.65		IF-F		40	0	1	1	1	57	

End of Mineralizations ; 10 record(s) printed.

## Radio Hill

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### Structures:

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
9.00	65.00	S0	
10.00	65.00	S0	
15.50	70.00	S0	
17.50	55.00	S0	
18.80	45.00	S0	
22.40	65.00	S0	
23.50	60.00	S0	
24.50	50.00	S0	
28.50	55.00	S0	Po zone
35.70	70.00	S0	
38.00	75.00	S0	
40.00	60.00	S0	
43.00	60.00	S0	
44.50	70.00	S0	
45.00	50.00	S0	
50.00	60.00	S0	
55.00	70.00	S0	
56.70	60.00	S0	
59.60	60.00	S0	
64.00	45.00	S0	
65.50	50.00	S0	
73.00	50.00	S0	
77.00	55.00	S0	
81.20	50.00	S0	
84.30	45.00	S0	
87.00	55.00	S0	
89.30	60.00	S0	
95.00	60.00	S0	
98.80	50.00	S0	



## *Radio Hill*

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**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
103.00	50.00	S0	
109.10	60.00	S0	
113.70	50.00	S0	
114.00	50.00	S0	
119.00	50.00	S0	
126.20	60.00	S0	
127.00	55.00	S0	
129.00	50.00	S0	
129.90	65.00	S0	
132.00	55.00	S0	
134.40	50.00	S0	
134.60	40.00	Vcc	Cc+ Qtz
136.00	50.00	S0	
137.90	60.00	S0	
142.00	50.00	S0	
144.10	55.00	S0	
147.00	40.00	S0	
148.12	60.00	Cnt	upper contact IF and intrusive
148.52	50.00	Cnt	lower contact Intrusive and IF
153.50	60.00	S0	
155.00	60.00	S0	
156.60	60.00	S0	
165.00	55.00	S0	
167.70	75.00	S0	
168.50	75.00	S0	
173.80	50.00	S0	
175.60	50.00	S1	plane of weakness // s1
177.00	50.00	S1	
178.00	55.00	S1	

## *Radio Hill*

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**Structures:**

<i>Depth</i>	<i>Core angle</i>	<i>Type</i>	<i>Description</i>
181.00	55.00	S0	
182.00	50.00	S0	
184.00	50.00	S0	fractured planes // to bedding
191.50	55.00	S0	
197.00	70.00	S0	
198.50	65.00	S0	
199.00	30.00	Vcc	
200.00	45.00	S0	fractured plane

End of Structures ;            66 record(s) printed.