



## DRILL LOG

<b>Project:</b> Hyland	<b>Collar Elevation (m):</b> 1270.0
<b>Hole</b> HY10-25	<b>Azimuth (°):</b> 270
<b>Location:</b> 6708590 m North 562912 m East	<b>Dip (°):</b> -50.0
<b>Logged by:</b> N. Perk	<b>Length (m):</b> 156.67
<b>Drilled by:</b> APEX Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ACME	<b>Vertical Projection:</b>
<b>Core Size:</b> HQ-NQ	<b>Objective</b> Hole HY10-25 was designed to test an intense Fe-OX gossan (thought to be sub-vertical) where it intersects the Main Zone. The zone is mappable north of the Main Zone.
<b>Date Started:</b> 2010/07/22	
<b>Date Completed:</b> 2010/07/24	
<b>Dip Tests By:</b> Icefields tool	

### Summary Log:

From/To	Rock Type	Comments
0.00-2.82 m	Casing	
2.82-7.70 m	Phylitic Limestone	
7.70-22.00 m	Quartzite	
22.00-29.20 m	Iron Oxide	No sulphides. Strong-intense goethite, hematite, limonite, clay, and Mn-oxide
29.20-31.90 m	Quartzite	No sulphides, but abundant sulphide casts.
31.90-45.72 m	Iron Oxide	No sulphides. Strong-intense goethite, hematite, limonite, clay, and Mn-oxide
45.72-52.06 m	Fault Zone	Strong clay alteration
52.06-69.70 m	Quartzite	Trace pyrite
69.70-88.80 m	Fault Zone	Pyrite-arsenopyrite 20-50% from 75.65-84.60 m.
88.80-93.74 m	Phyllite	Trace pyrite
93.74-95.53 m	Fault Zone	70% fine grained pyrite 94.30-95.00 m
95.53-107.63 m	Quartzite	Strong QZ-PY-ASP stockwork throughout up to 5% sulphide, intense silicification.
107.63-117.76 m	Siltstone	Trace to 0.5% PY-ASP
117.76-124.46 m	Quartzite	Strong QZ-PY-ASP stockwork throughout up to 5% sulphide, intense silicification.
124.46-156.67 m	Siltstone	Pervasive PY-ASP mineralization from 124.46-149 m. Sulphide content ranges up to 80%.



## DRILL LOG

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Hole ID: HY10-25

***Downhole surveys:***

Depth	Dip	Azimuth
0.00	-50.00	270.00
71.30	-48.40	272.90
147.50	-47.20	271.50









Project: HYLAND		Hole Number: HY10-25									
From	To	Rocktype & Description	From	To	Width	Sample	Au ppm	Ag ppm	As ppm		
« 55.50- 56.20 Strong clay alteration of intensely foliated phyllite, possibly silty interbed or high strain in QRTZ Clay 4.00*»											
69.70	88.80	FLTZ	69.70	71.20	1.50	559092	505.00	11.20	946.00		
<p><b>FAULT ZONE:</b> Cream-grey coloured, clay rich fault zone. Where coherent, the protolith appears to have been well foliated, likely a phyllite. Much of the unit is comprised of sand sized clay altered fragments, suspended within a clay rich gauge (matrix). There appears to have been significant motion as evidenced by the large amount of clay gauge and also appearance of the adjacent units near the contacts. Darker section from 75.65-84.60m with very fine grained PY-ASP in matrix 20-50%.</p> <p><b>Mineralization:</b></p> <p>« 69.70- 75.65 Pyrite 0.2°»</p> <p>« 75.65- 84.60 very fine grained Pyrite 30.0°» « Arsenopyrite 1.0°»</p> <p>« 84.60- 88.80 Pyrite 0.5°»</p> <p><b>Alteration:</b></p> <p>« 69.70- 88.80 Sericite 2.0°»</p> <p>« 69.70- 75.65 Clay 2.0°»</p> <p>« 75.65- 84.60 Clay 3.0°»</p> <p>« 84.60- 88.80 Clay 2.0°»</p> <p><b>Structure:</b></p> <p>« ftz »</p> <p>&lt; @ 71.55 foliation 80.0° &gt;</p> <p>&lt; @ 86.50 foliation 50.0° &gt;</p>			71.20	72.54	1.34	559093	698.00	12.00	983.00		
			72.54	75.59	3.05	559094	118.00	3.70	1095.00		
			75.59	77.10	1.51	559095	1345.00	1.80	10001.00		
			77.10	78.64	1.54	559096	466.00	2.10	10001.00		
			78.64	81.69	3.05	559097	725.00	2.70	10001.00		
			81.69	83.20	1.51	559098	1124.00	46.60	4604.00		
			83.20	84.73	1.53	559099	316.00	2.30	6921.00		
			84.73	86.20	1.47	559100	334.00	0.80	10001.00		
			86.20	87.78	1.58	559101	25.00	0.60	4985.00		
			87.78	88.80	1.02	559102	29.00	0.20	10001.00		





Project: HYLAND				Hole Number: HY10-25								
From	To	Rocktype	& Description	By	Asp	From	To	Width	Sample	Au ppm	Ag ppm	As ppm
< @ 99.20 foliation 40.0° >												
RSB												
Scorodite staining on fractures.												
Pervasive siderite alteration cut by quartz-pyrite veins with small bleached selvages.												
107.63	117.76	SLTS				107.63	109.12	1.49	559119	9.00	0.60	551.00
SILTSTONE: Cream-light green, fine grained, thin bedded siltstone with cm scale limestone interbeds. Wk-mod sericite alteration throughout the unit gives a light green colour. QZ-PY-ASP stockwork present, but much less intense than surrounding QRZT units.						109.12	110.60	1.48	559120	7.00	-0.10	104.00
						110.60	112.17	1.57	559121	4.00	-0.10	2162.00
						112.17	113.70	1.53	559122	89.00	-0.10	174.00
						113.70	115.21	1.51	559123	28.00	0.40	266.00
						115.22	117.76	2.54	559125	47.00	0.10	434.00
Mineralization:												
« 107.63- 117.76 Pyrite 0.5%» « Arsenopyrite 0.1%»												
Alteration:												
« Sericite 2.0*» « Geothite 1.0*»												
Structure:												
< @ 107.63 Upper Contact 10.0° >												
< @ 109.12 Bedding (S0) 20.0° >												
< @ 115.00 Bedding (S0) 25.0° >												
RSB												
Moderate to strong Fe-carbonate alteration manifests in a pervasive beigification. Cut by numerous chaotic siderite filled fractures and siderite-quartz-tourmaline(?) pyrite veins.												
117.76	124.46	QRZT				117.76	119.50	1.74	559126	147.00	1.50	2493.00
QUARTZITE: Cream-grey, strongly silicified quartzite with a strong-intense QZ-PY-ASP stockwork throughout.						119.50	121.31	1.81	559127	84.00	3.70	1061.00
						121.31	122.80	1.49	559128	75.00	3.60	998.00
						122.80	124.46	1.66	559129	218.00	1.50	2899.00
Mineralization:												
« 117.76- 124.46 Pyrite 5.0%» « Arsenopyrite 0.5%»												
Alteration:												
« Silicification 4.0*»												
Structure:												

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\*graphic log not to scale

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Project: HYLAND

Hole Number: HY10-25

From	To	Rocktype & Description	By	ASP	From	To	Width	Sample	Au ppm	Ag ppm	As ppm
		<p>RSB:</p> <p>Unit contains angular fragments of and thin (&lt;1 m ) beds of overlying grey quartzite in black carbonaceous Mudstone(?) matrix. older reports indicate the matrix contains tourmaline. Quartzite clasts are cut by CB+QZ veins that are truncated by the breccia matrix indicating pre-brecciation fracturing and Fe-carbonate veining. The matrix displays a fabric roughly parallel to the core axis defined by platy graphite and ribbons of pyrite. Most ASP observed occurs in the quartzite clasts and is intergrown or possibly replaced by later pyrite. Thin net textured, more euhedral pyrite appears to cut the earlier subhedral semi-massive to ribbon like pyrite.</p> <p>Several 1 to 2 m intervals of patchy brownish beige alteration occur throughout this unit. The alteration is relatively soft and detroys or antithetic to the sulphides. Within the unit the alteration occurs indiscriminantly as ameboid domains several CM in diameter but contacts of the alteration intervals are sharp. This alteration is interpreted to be carbonate alteration pending petrographic analyses.</p> <p>Several samples taken of each of the breccia, contact between alteration and breccia, alteration, and some of the horizons returning better gold values.</p> <p>« 132.00- 135.50 Mottled to ameboid brownish beige domains several cm's in diameter carbonate (ankerite?) 3.00-4.00*»</p> <p>EOH @ 156.</p>									
156.67	156.67	EOH									

Drill Log Legend

