Drilled at 230° Grid, Declination -60° Planned Depth 80.0m
Core size HQ Actual Depth 60.9m

DIAMOND DRILL HOLE LOG - LYNCHFORD

Interval From - To	Meter-age	Recov-ery	Geological Log	Mineral-ization	Structure	Assays		
						Interval	Au	As
0.00- 3.50	0.88	25	Black, carbonaceous, clayey silts - Decarbonated Ordovician Gordon Limestone.			0 - 3	0.010	40
3.50- 6.45	1.33	45	As above.			3 - 6	0.016	80
6.45- 6.50	0.05	100	Beige brown, clayey silt with minor black carbonaceous lamellae - CW siltstone with limey interbeds.					
6.50- 8.70	0.88	40	Beige brown, clayey to gritty silts - CW siltstones, sandstones and minor shales. White clots and streaks after quartzite fragments and minor vein quartz, increasing towards base of interval. Clays and silts highly contorted and deformed in part due to drilling compaction.		Bedding? or layering at 35° to ca @ 7m.	6 - 9	0.089	45
8.70- 8.80	0.10	100	Cataclastite? with quartzite and quartz veined quartzite angular fragments set in a beige coloured clay silt matrix.					
8.80-10.30	1.05	70	Cataclastite Breccia? with major angular fragments from 8.80 to 9.30m then less fragments but larger diameter (to 5cm) to 10.30m. Matrix has speckled appearance with fine black dots (after pyrite?) aligned along crude bedding layers. Ground very soft.	Possibly black dots after pyrite.		9-10	0.076	10
10.30-11.80	1.35	90	As Above. Beige Brown in colour. Matrix occasionally speckled, high percentage of matrix composed of quartz vein and veined quartzite material giving gritty texture to CW core.		Core having strong contorted foliation.	10-12	0.110	5

Interval From - To	Meterage	Recovery	Geological Log	Mineralization	Structure	Assays		
						Interval	Au	As
11.80-13.30	1.28	85	CW limestone: black, decarbonated in part pyritic carbonaceous clay silt. Relict bedding? observed. Unit shows signs of sedimentary brecciation with grey and white fragments or clots randomly distributed throughout CW matrix.	Pyrite av. 1-3% Locally higher % Py very fine grained <0.1 mm some 1-2mm but rarer.	Bedding @ 40% to ca other foliation @ 25° to ca.	12-13	0.14	150
13.30-14.80	0.45	30	As above: but becomming less black to more grey colour with black streaks. Less pyrite also. No breccia textures. Unit very soft and washable. Very carbonaceous.	Py approx. 1%		13-15	0.08	110
14.80-16.30	1.28	85	Ditto: Very carbonaceous, black, weakly pyritic, clay silts. bedding observed @ 15.15m @ 25° to ca. Pyrite very fine grained but as cubic crystals. Minor white to cream dots ex. calcite/dolomite and some granular quartz clots.	Pyrite 1% Very fine grained cubic habit.	Bedding 15° to ca.	15-16	0.74	120
16.30-17.80	8.75	50	Ditto: with more abundant clots or patches of granular quartz.			16-18	.152	160
17.80-19.00	0.18	15	Ditto: but very poor recovery due to washing.			18-19	.102	170
19.00-20.50	0	0	No Core: All washed even with slow pump speed.					
20.50-22.00	0	0	No Core.					

Interval From - To	Meter-age	Recov-ery	Geological Log	Mineral-ization	Structure	Assays		
						Interval	Au	As
22.00-22.50	0.48	95	CW limestone: black, carbonaceous, decarbonated, clay silts after Ordovician Gordon limestone. Minor white patches ex. carbonate and some granular quartz. Unit moderately pyritic with fine grained disseminations totalling 3%. Some coarser aggregates to 1-2mm associated with gritty quartz bands.	Py av. 3% Very fine grained. Some to 1-2 mm.		22-23	.076	150
22.50-23.50	0.95	95	Ditto: Some slickensiding manifest by extremely carbonaceous slip planes @ 15-20° to ca.		Shear plane at 15-20° to ca?			
23.50-25.00	0	0	No Core - Having a lot of trouble with cuttings falling behind reamer shell on barrel.					
25.00-25.80	0.68	85	CW Limestone, black carbonaceous weakly pyritic, clay silts after Ordov. Gordon Limestone. Minor white clots ex. carb. and minor granular quartz clots.	Minor Py.		25-26	.070	75
25.80-28.00	2.09	95	Ditto.			26-28	.050	50
28.00-28.80	0.80	100	Ditto, trace py. with slightly less weathered zone @ 28.7 to 28.8 being moderately calcite veined. Dark grey to black HW limestone.	Trace Py.		28-29	.078	110
28.80-31.00	2.09	95	Ditto: massive black, carbonaceous, weakly pyritic clay silts. Sections more carbonaceous (sheared) other sections show relict. lamination after bedding? which are contorted. Some calcite rich zones.	Weakly Pyritic.	Relict. contorted bedding.	29-31	.040	90

Interval From - To	Meterage	Recovery	Geological Log	Mineralization	Structure	Assays		
						Interval	Au	As
31.00-32.70	1.62	95	Ditto.			31-33	.040	70
32.70-34.00	0.39	30	Ditto.			33-34	.010	60
34.00-35.50	1.50	100	Ditto.			34-36	.020	120
35.50-36.90	1.12	80	Ditto.			36-37	.062	150
36.90-39.00	2.10	100	Ditto.			37-39	.036	300
39.00-40.00	1.00	100	Ditto.			39-40	.120	200
40.00-41.70	1.70	100	Ditto.			40-43	.114	170
41.70-43.00	0.09	7	Ditto for rock type except core very soft and very washable.					
43.00-46.00	1.20	40	Ditto to 45.8 metres. 45.8 to 46.0 sequence of bright orange/yellow/white laminar clays after shale/siltstone sequences. Unit completely weathered.			43-46	.012	120
46.00-48.00	2.00	100	Ditto with minor hematitic sandstone interbeds.			46-48	.012	85
48.00-49.00	0.80	80	Ditto.			48-49	<.008	45
49.00-50.50	1.50	100	Ditto; mottled orange/yellow/pink/grey clay silts after CW shales and siltstones.			49-50	<.008	75
50.50-52.00	1.43	95	Ditto.			50-52	<.008	90
52.00-53.50	0.53	35	Ditto; with minor nodular goerthite @ 53.45m.			52-55	<.008	100

Interval From - To	Meter-age	Recov-ery	Geological Log	Mineral-ization	Structure	Assays		
						Interval	Au	As
53.50-55.00	1.50	100	Ditto; quartz and hematite veined, quartzite and sandstone, brecciated, orange/yellow silty sand zone, minor goerthite nodules present.					
55.00-56.50	1.20	80	Ditto.			55-57	<.008	90
56.50-58.00	1.50	100	Ditto. Core moderately ferruginous orange/yellow CW clay silts after shale/ siltstone sequences. Bedding at 30° to ca prominent, veining at 15° to ca and 30° to ca (- to bedding).	Goerthite vein 5mm width @ 15° to ca. Further set at 30° to ca and perpendicu-lar to bedding.	Bedding 30° to ca @ 57m Goerthite vein @ 15° to ca @ 58m sub parallel to bedding.	57-58	<.008	170
58.00-59.20	0.90	75	Ditto: Bedding 40° to ca @ 58.5m.		Bedding 40° to ca.	58-59	<.008	75
59.20-60.90	0.85	50	Extremely broken, hematite veined, sheared zone sub // to ca in yellow/orange/clay matrix.		Shearing sub // to ca.			
END OF HOLE			Hole terminated @ 60.9 prematurely due to the hole collapsing behind the barrell.					