Stellar, 19.4.06
Diamond drill hole AP003
Collar coordinates (GPS,AMG) 340905mE5376493mN
RL (GPS) 164 m
Length 149.3 m
Azimuth (AMG) 339^0
Dip -73^0
Collar not picked up by surveying, collar destroyed.
Logged by Nick Turner.

Drillers'	Blocks		Geology			Foliation		Core	Assays	Sample	Ni	Cu	Pb	Zn	Ag	Sn	S	Au	Pt	Element
From (m)	To (m)	% Recovery	From (m)	To (m)	Description	Depth (m)	Alpha^0	From (m)	To (m)	Number	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
0	2.6	76.92	0.00	11.80	Strongly weathered, schistose metasandstone consisting						AAS	AAS	AAS	AAS	AAS	XRF	Leco	50 gm FA	50 gm FA	Method
2.6	5.7	67.74			mostly of clay and limonite. A few scattered, less weathered	3.7	60				10	10	10	10	1	10	0.01%	0.01 ppm	0.01 ppm	Sensitivity
5.7	8.8	77.42			intervals contain grey, graphitic muscovite. A few milky quartz															
8.8	10	83.33			boudins are present and there are tight chevron folds in the main															
10	11.8	88.89			foliation at 10.8 m. The core is very broken.															
11.8	13.3	80.00	11.8	23.8	Similar strongly weathered schist though less clay, more limonite.															
13.3	14.8	100.00			Some bands are more quartzose. Chevron folds in foliation at	17	50													
14.8	17.8	76.67			14 m. Base of oxidation is at 23.8 m. Core very broken.															
17.8	20.2	100.00	23.8	31.7	Similar schist. Friable character indicates that several percent of															
20.2	21.7	46.67			carbonate have been leached. Minor clay pug at 27 m. The schist															
21.7	23.8	80.95			contains several percent of disseminated, fresh pyrite and there															
23.8	24.5	92.86			are bands of massive pyrite parallel to the main foliation at 30.44-															
24.5	25.5	60.00			30.7. This main foliation is a metamorphic lamination defined by															
25.5	26.3	62.50			quartz-albite laminae (1-3 mm) and graphitic muscovite laminae															
26.3	27.4	68.18			(minus 1 mm). By 31.7 m the schist is grey and weakly weathered.															
27.4	29.1	35.29			The core is very broken throughout.															
29.1	30	55.56	31.7	38.2	Darker grey schist in which graphitic muscovite is prominent															
30	30.7	92.86			indicating a muddier precursor (probably siltstone). Some															
30.7	31.7	80.00			leaching apparent. Bands of massive, fresh pyrite at 31.8 m (50															
31.7	32.8	86.36			mm thick) and 34.7 m (10 mm thick), but generally there is a few															
32.8	35.4	96.15			percent disseminated pyrite. Tight folds in foliation at 36.8 m.															
35.4	38.2	98.57			Core broken.															
38.2	40.5	91.30	38.2	52.7	Pale grey, schistose metasandstone with less graphitic mica.															
40.5	41.8	92.31			Interbands of dark grey, graphitic schist are present 40.5-41.8 m.	45.5	50													
41.8	44.8	90.00			Small amount of leaching evident. A few percent of disseminated															
44.8	46.3	60.00			fresh pyrite is present. Core broken to very broken.															
46.3	46.8	50.00	52.7	66.8	Graphitic schist or phyllite with a few percent disseminated pyrite.															
46.8	47.5	54.29			Common cross cutting, quartz-cream carbonate veinlets up to	62	45													
47.5	50.6	93.55			30 mm wide are present that may contain pyrite. They comprise															
50.6	53.4	83.93			about 5% of the interval 59.6-62.8 m, less elsewhere.															
53.4	56.5	No Result	66.8	71.5	Pale grey, schistose metasandstone with less than 5% cross															
56.5	59.6	87.10			cutting quartz-carbonate veinlets.															
59.6	62.8	98.44	71.5	71.8	Fault. Very broken core and clay. Core includes foliated breccia															
62.8	65.8	100.00			and massive pyrite.															
65.8	68.8	88.33	71.8	81.7	Pale grey metasandstone with interbands of black, graphitic															
68.8	71.8	100.00			phyllite. Interbanding is oblique to the main foliation and probably															
71.8	74.8	91.67			represents bedding. Several sets of carbonate-quartz-pyrite	76	45	71.50	72.50	141021	60	450	170	1390	3	<10	15.2	0.06	0.05	
74.8	77.6	100.00			veinlets comprise 5-10% of the interval 71.8-74.8 m, 15% of the			72.50	73.50	141022	40	120	10	80	2	20	0.94	<0.01	<0.01	
77.6	80.6	90.00			interval 74.8-77.6 m, but less than 5% of the interval 77.6-81.7 m.			73.50	74.50	141023	30	30	<10	60	1	30	0.60	<0.01	<0.01	
80.6	81.7	77.27			Possible chalcopyrite in the veinlets. The core is less broken			74.50	75.50	141024	30	20	<10	50	2	10	0.64	<0.01	0.04	
81.7	83.8	100.00			than it is uphole.			75.50	76.50	141025	20	10	<10	60	1	<10	0.40	<0.01	<0.01	
83.8	86.8	100.00	81.7	89.5	Predominantly black phyllite, but with some silicification. Breccia	82	minus 55	76.50	77.50	141026	70	20	<10	70	2	30	3.41	<0.01	<0.01	
86.8	89.6	95.71			and quartz veins in the interval 82.4-83.8 m. Abundant pyrite			77.50	78.50	141027	30	40	<10	50	2	60	0.57	<0.01	<0.01	
89.6	92.7	100.00			throughout with common pyrite interbands at 83.8-86.8 m. Cross			78.50	79.50	141028	30	30	<10	70	1	10	0.33	<0.01	<0.01	
92.7	94.6	100.00			cutting quartz-carbonate veins less than 5% of core .			79.50	80.50	141029	30	50	<10	50	1	<10	0.39	<0.01	0.05	
94.6	95.8	100.00	89.5	93	Grey metasandstone with indistinct foliation (?due silicification)			80.50	81.50	141030	30	60	<10	70	1	<10	0.29	<0.01	0.05	
95.8	97	91.67			About 5% cross cutting quartz-carbonate-pyrite-chalcopyrite			81.50	82.50	141031	40	570	<10	90	2	10	4.32	<0.01	<0.01	
97	98.8	100.00			veins.	92.4	50	82.50	83.50	141032	40	1190	<10	90	2	<10	7.13	<0.01	0.06	
98.8	101	93.18	93	94.5	Foliation-parallel interbanding of semi-massive, fine grained			83.50	84.50	141033	30	1370	<10	70	2	<10	5.05	<0.01	0.03	
101	101.9	61.11			pyrite, magnetite and siliceous silicate with minor chalcopyrite.			84.50	85.50	141034	30	620	<10	70	2	<10	1.60	<0.01	0.07	
101.9	103.1	66.67			About 5% cross cutting quartz-carbonate veinlets with pyrite			85.50	86.50	141035	40	3320	<10	60	3	<10	4.66	0.04	0.05	
103.1	104.8	90.00			and chalcopyrite.			86.50	87.50	141036	30	1750	<10	40	3	<10	5.63	0.03	0.03	
104.8	107.8	100.00			Note: This is the only magnetite identified in AP003			87.50	88.50	141037	50	120	<10	40	1	<10	1.78	<0.01	0.02	
107.8	110.8	100.00	94.5	96.85	Dark grey to black siliceous rock. No magnetite detected.			88.50	89.50	141038	40	180	<10	60	1	<10	1.25	<0.01	0.03	
110.8	113.8	103.33			Common pyrite and chalcopyrite. Veinlets range from less than			89.50	90.50	141039	30	170	<10	30	2	<10	2.26	<0.01	0.03	
113.8	116.8	100.00			5% to more than 10% of rock. Chalcopyrite present in veinlets			90.50	91.50	141040	30	560	<10	40	2	20	1.65	<0.01	<0.01	
116.8	119	100.00			and as blebs in siliceous rock.			91.50	92.50	141041	20	950	<10	40	2	<10	1.34	<0.01	0.05	
119	121.1	100.00	96.85	98.8	Black, graphitic phyllite with thin , grey metasandstone interbands			92.50	93.00	141042	40	600	<10	50	2	<10	5.14	0.03	0.02	
121.1	122.8	100.00			About 10% cross cutting quartz-carbonate-pyrite-chalcopyrite	98	40	93.00	94.00	141043	50	5030	<10	60	5	120	8.61	0.13	0.05	
122.8	123.9	95.45			veinlets. Chalcopyrite also forms blebs in the host rock.			94.00	94.60	141044	30	5430	<10	90	4	<10	16.1	0.08	0.04	

Drillers'	Blocks		Geology			Foliation		Core	Assays	Sample	Ni	Cu	Pb	Zn	Ag	Sn	S	Au	Pt	Element
123.9	125.8	78.95	98.8	100.85	Interbanded metasandstone increases below 98.8 and thin, fine			94.60	95.50	141045	50	310	<10	50	1	<10	2.55	0.02	<0.01	
125.8	126.5	100.00			grained bands of pyrite appear. Chalcopyrite is less common.			95.50	96.50	141046	100	130	<10	50	2	20	4.04	<0.01	0.04	
126.5	127.1	No Result	100.85	103.4	Fault. Intensely broken and sheared black phyllite with cross			96.50	97.50	141047	50	320	<10	60	2	10	3.17	<0.01	<0.01	
127.1	128.5	No Result			cutting veinlets that also exhibit shearing. Veinlets range less			97.50	98.50	141048	50	520	<10	70	2	20	3.52	<0.01	<0.01	
128.5	129.8	No Result			than 5% to 20% of core. Minor breccia intervals present.			98.50	99.50	141049	40	250	<10	80	2	20	1.82	<0.01	<0.01	
129.8	130.9	100.00	103.4	106	Thinly interbanded pale grey metasandstone and black, graphitic			99.50	100.85	141050	40	200	<10	100	2	<10	1.95	<0.01	0.05	
130.9	131.8	100.00			phyllite. Generally low sulphide. Veinlets diminish in volume			100.85	101.90	141051	50	210	70	130	2	30	2.29	<0.01	<0.01	
131.8	133.4	100.00			downwards to about 1% of core.			101.90	103.00	141052	50	60	10	70	2	<10	2.68	<0.01	0.03	
133.4	134.8	100.00	106	116.8	Mainly grey metasandstone. Generally low pyrite with trace			103.00	104.00	141053	40	100	<10	120	2	30	0.89	<0.01	<0.01	
134.8	137.7	100.00			chalcopyrite. Cross cutting veinlets range 1% to 5% of core.			104.00	105.00	141054	40	50	<10	140	2	<10	0.76	<0.01	<0.01	
137.7	138.5	100.00	116.8	123.8	Interbanded metasandstone and black phyllite with scattered			105.00	106.00	141163	40	40	20	180	<1	10	0.69	<0.01	<0.01	
138.5	139.8	92.31			bands of massive pyrite. No chalcopyrite identified. Cross	118	30	106.00	107.00	141164	40	40	10	160	<1	10	0.64	<0.01	<0.01	
139.8	140.8	100.00			cutting quartz-carbonate veinlets less than 1% of core.	120.5	45	107.00	108.00	141165	40	190	320	5090	<1	<10	7.29	<0.01	<0.01	
140.8	142	87.50	123.8	124.6	Fault. Black, sheared and puggy phyllite with very low pyrite. Core			108.00	109.00	141166	40	240	40	2790	<1	<10	7.18	<0.01	<0.01	
142	143.4	100.00			very broken.			109.00	110.00	141167	40	90	10	370	<1	<10	2.13	<0.01	<0.01	
143.4	144.5	No Result	124.6	127.5	Massive, granular, siliceous rock with strong grain orientation.			110.00	111.00	141168	40	100	10	600	<1	<10	2.38	<0.01	<0.01	
144.5	146.1	96.88			Contains about 40% pyrite, minor chalcopyrite and pale brown			111.00	112.00	141169	30	20	<10	120	<1	<10	0.26	<0.01	<0.01	
146.1	146.9	100.00			carbonate. Core mostly very broken.			112.00	113.00	141170	40	30	<10	120	<1	<10	0.36	<0.01	0.03	
146.9	148.4	100.00	127.5	140.4	Black, graphitic phyllite with pale grey interbands and boudinaged			113.00	114.00	141171	40	30	10	240	<1	<10	0.38	<0.01	0.03	
148.4	149.3	100.00			quartz veins. Contains scattered pyrite bands ranging up to 15%	134	25	114.00	115.00	141172	40	30	10	140	<1	<10	0.37	<0.01	0.05	
149.3	EOH				in the interval 132.4-133.4 m. Trace chalcopyrite. Cross cutting	138.5	0	115.00	116.00	141173	40	120	<10	150	<1	20	2.04	<0.01	<0.01	
					quartz-pale brown carbonate veins comprise about 2% of the			116.00	117.00	141174	40	120	<10	190	<1	20	2.32	<0.01	<0.01	
					overall interval.			117.00	118.00	141175	30	50	<10	110	<1	60	1.12	<0.01	0.05	
			140.4	149.3	Predominantly pale grey metasandstone with interbanded black			118.00	119.00	141176	30	90	<10	60	<1	10	2.43	<0.01	0.06	
					phyllite and scattered quartz boudins. Sparse bands of massive	142.3	20	119.00	120.00	141055	30	490	30	80	2	<10	8.18	<0.01	<0.01	
					pyrite range up to 40 mm in thickness. No chalcopyrite identified.			120.00	121.00	141056	40	320	<10	60	2	<10	3.16	<0.01	0.02	
					Cross cutting quartz-carbonate veinlets comprise generally less	148.2	25	121.00	122.00	141057	50	710	<10	50	2	<10	5.51	<0.01	0.05	
					than 5% of the core.			122.00	123.00	141058	50	500	<10	60	1	<10	3.73	<0.01	0.11	
			149.3		EOH			123.00	123.80	141059	60	700	<10	40	1	<10	3.49	<0.01	0.05	
								123.80	124.60	141060	70	450	<10	50	2	<10	4.06	<0.01	<0.01	
								124.60	125.60	141061	20	4270	<10	100	3	<10	8.20	<0.01	0.03	
								125.60	126.60	141062	40	5650	<10	70	4	<10	16.1	<0.01	<0.01	
								126.60	127.50	141063	30	1810	<10	70	3	50	2.71	<0.01	0.03	
								127.50	128.50	141064	40	630	<10	50	2	<10	1.73	<0.01	<0.01	
								128.50	129.50	141065	40	1050	<10	30	1	<10	1.47	<0.01	0.02	
								129.50	130.50	141066	50	470	<10	40	1	<10	1.56	<0.01	0.02	
								130.50	131.50	141067	70	670	10	90	2	<10	3.51	<0.01	<0.01	
								131.50	132.00	141068	70	200	10	50	1	<10	2.19	<0.01	<0.01	
								132.00	133.00	141069	60	270	<10	50	<1	<10	4.09	<0.01	<0.01	
								133.00	134.00	141070	50	400	<10	40	2	30	4.64	<0.01	<0.01	
								134.00	135.00	141071	60	830	<10	50	2	10	6.42	<0.01	<0.01	
								135.00	136.00	141072	70	270	<10	50	1	30	5.74	<0.01	<0.01	
								136.00	137.00	141073	50	220	<10	40	2	20	2.56	<0.01	<0.01	
								137.00	138.00	141074	20	90	<10	60	1	<10	0.21	<0.01	<0.01	
								138.00	139.00	141075	30	30	<10	70	1	<10	0.20	<0.01	<0.01	
								139.00	140.00	141076	40	70	10	110	1	10	0.44	<0.01	<0.01	
								140.00	141.00	141077	50	140	20	140	2	10	0.91	<0.01	<0.01	
								141.00	142.00	141078	60	130	140	380	3	70	6.28	<0.01	<0.01	
								142.00	143.00	141079	20	100	10	110	1	<10	0.14	<0.01	<0.01	
								143.00	144.00	141080	50	260	50	550	2	<10	3.01	<0.01	<0.01	
								144.00	145.00	141081	70	580	70	6900	3	<10	8.82	<0.01	<0.01	
								145.00	146.00	141082	60	470	130	11400	3	<10	8.94	<0.01	<0.01	
								146.00	147.00	141083	20	80	20	180	1	<10	0.16	<0.01	<0.01	
								147.00	148.00	141084	20	80	10	70	1	<10	0.13	<0.01	<0.01	
								148.00	148.80	141085	40	40	<10	240	1	20	0.11	<0.01	<0.01	
								148.80	149.30	141086	20	120	<10	80	1	<10	0.38	<0.01	<0.01	
								149.30	EOH											

Duplicates

Sample	Ni	Cu	Pb	Zn	Ag	Sn	S	Au	Pt	Element
Number	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
	AAS	AAS	AAS	AAS	AAS	XRF	Leco	50 gm FA	50 gm FA	Method
	10	10	10	10	1	10	0.01%	0.01 ppm	0.01 ppm	Sensitivity
141022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01	
141034	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	0.04	
141040	n/a	n/a	n/a	n/a	n/a	10	1.61	n/a	n/a	
141045	50	300	<10	50	1	n/a	n/a	n/a	n/a	
141055	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01	
141060	n/a	n/a	n/a	n/a	n/a	<10	4.07	n/a	n/a	
141066	50	450	<10	40	2	n/a	n/a	n/a	n/a	
141076	40	60	<10	110	2	n/a	n/a	n/a	n/a	
141080	n/a	n/a	n/a	n/a	n/a	<10	3.05	<0.01	<0.01	
141086	n/a	n/a	n/a	n/a	n/a	<10	0.38	n/a	n/a	
141168	40	100	10	590	<1	n/a	n/a	n/a	n/a	
141175	n/a	n/a	n/a	n/a	n/a	60	1.18	n/a	n/a	
141176	30	100	<10	60	<1	n/a	n/a	n/a	n/a	