

LOCATION **DALMENY 5,,372,200N 379,672E**
 OBJECTIVE To test source of IP anomaly centred at 5,372,200N 379,500E and stratigraphy down-dip of Dalmeny Prospect.
 RESULT Intersected sedimentary sequence similar to Rosebery host rocks, with 0.20m massive pyrite-sphalerite with assoc massive carbonate and 20m massive chlorite-biotite-tourmaline-magnetite altered rocks beneath.

TOTAL DEPTH 444.3m
 HOLE SIZE 0-34.5 NQ; 34.5-444.3 BQ
 COMMENCED 14.4.84
 COMPLETED 14.5.84
 LOGGED BY T.C. LEES

03		02			
8-12 Footage	13-16 Direction	17-18-21 Dip.	8-12 Footage	13-16 Direction	17-18-21 Dip.
90m	NA	-75°	335m	268°T	-56.5°
174	264 1/2°T	-71°	385	268°T	-55.5°
220	NA	-68	419	268 1/2°T	-48.5°
280	268°T	-63	Hole cased with poly pipe to 444m		

ORE DIP. (8-11)
 COLLAR DIP. (12-15) -80°
 DIRECTION (16-19) 270° True
 R.L. (20-23) 151.6m
 CO-ORDS. 379,667.6E
 5,372,190.2mN

FOOTAGE		ROCK DESCRIPTION	MINERALISATION	04											CORE REC'D			
FROM	TO			SAMPLE No.	8-13 FROM	14-19 TO	CORE REC'D	ASSAY DATA							RUN	SHORT		
							Sample Length	20-25 Pb%	26-31 Zn%	32-37 Cu%	38-43 Ag - g/t	44-49 Au - g/t	50-55 Fe%	Mg0%				
0	34.5	GLACIAL OVERBURDEN Boulder till (with Owen boulders) to sand and gravel		AV.	363.9	365.8	1.9	1.9	1.84	2.9	0.08	208	0.53		0-34.5	32m		
34.5	50.0	RHYODACITE LAVA Cream to pink massive f-mg rhyodacite lava(?), of epidotised feldspar, and quartz amygdales, in felsic groundmass. Occas q-cb veins. 34.5-37.0 Flow banded 37.0-49.8 Epidotised feldspar in quartz-serictie (altered) groundmass. Thin q-tourm ±py veins. 49.8-50.0 Pink, albitised, flow brecciated	TS at 43.5m Rhyolitic Lava - quartz & sericitised feldspar in sericitised felsic matrix.	63301	178.5	179.5	1.0	1.0	.002	.82	.04	0.5	.008	15.5	6.89	15.8	0.9	
				302	179.5	181.0		1.5	.003	.05	.01	0.5	.03	21.5	6.20	22.9	14.5	
				303	181.0	182.0		1.0	.004	.04	.09	2.5	.29	18.5	8.20	28.0	1.6	
				63304	234.4	237.4		3.0	.0025	.02	.001	0.5	<.008	1.65				
				305	237.4	241.4		4.0	.0005	.06	.001	<0.5	<.008	1.25				
				306	241.4	245.4		4.0	.0025	.37	.002	0.5	<.008	1.45				
				307	245.4	248.4		3.0	.0010	.32	.002	0.5	<.008	1.10				
				308	248.4	251.4		3.0	.0005	.27	.002	0.5	<.008	1.20				
50.0	54.05	INTERMEDIATE TUFF Grey-green, weakly cleaved intermediate tuff, of chlorite flecks and chlorite (pumice?) fragments to several cm; rare siliceous fragments and sporadic feldspar crystals. 50-50.1 Thin bands and veinlets py-sp	50.-50.1 Minor py, sp	63309	293.6	297.6		4.0	.007	0.27	.012	2.0	<.008	1.15				
				310	297.6	300.0		2.4	.002	0.31	.007	0.5	<.008	0.19				
				311	300.0	303.0		3.0	.005	0.94	.007	1.0	<.008	1.10				
				312	303.0	306.0		3.0	.003	0.64	.011	0.5	<.008	0.96				
				313	306.0	309.0		3.0	.002	0.51	.011	0.5	<.008	0.97				
				314	309.0	312.0		3.0	.002	0.51	.014	0.5	<.008	1.25				
				315	312.0	315.0		3.0	.002	0.51	.013	0.5	<.008	1.15				
				316	315.0	318.0		3.0	.001	0.61	0.14	0.5	<.008	1.15				
				317	318.0	321.0		3.0	.022	0.40	.009	3.5	<.008	1.20				
54.05	107.9	RHYODACITE LAVA Gry, massive, mg rhyodacite, of feldspar in felsic groundmass 66.35-66.45 q-tourm vein with surrounding haloes of (outward) silicification, epidotisation, albitisation 73.5-76.0 Numerous q-cb veins 76.0-79.0 Pinkish, finer grained, albitised? 79.0-80.3 Chlorite flecks common with bluish quartz-chloritised. 80.3-81.5 Pinkish, finer grained, albitised? 81.5-98.5 Ping to grey, massive 98.2-98.4 Chlorite flecks 98.4-99.4 Weakly albitised 99.4-106.0 Mottled grey & pink-patchy weak albitisation	54.05-107.9 Rare diss py <1%	318	321.0	325.0		4.0	.008	0.65	.007	1.5	<.008	1.05				
				319	325.0	328.0		3.0	.011	0.46	.004	1.0	<.008	.91				
				Core Angles														
					36.8'	44°	fb											
					50.5	55°	B? contact											
					92.0	27°	fb											
				63320	328.0	330.0		2.0	.008	0.54	.005	0.5	0.033	1.35				
				321	330.0	333.0		3.0	.016	0.20	.005	0.5	0.033	1.37				
				322	333.0	335.0		2.0	.065	0.25	.005	43	0.016	1.12				
				323	335.0	338.0		3.0	.045	1.00	.035	32	0.058	1.54				
				324	338.0	341.0		3.0	0.48	0.80	.025	4	0.050	1.49				
				325	341.0	344.0		3.0	0.58	0.82	.030	32	0.050	1.47				

