DIAMOND DRILL HOLE NO. INV. 13-1

LOCATION: INVESTIGATOR 13.

CO-ORDINATES: 210700E 613500N I.S.G.

R.L.: -

DATE COMMENCED: 17/7/72

DATE COMPLETED: 25/7/72

FINAL DEPTH: 92.90,m

DATE SURVEYED: NOT SURVEYED

LOGGED BY: S.G. BROWN.

GEOPEKO LIMITED, KING ISLAND — DIAMOND DRILL LOG — DRILL HOLE No. 1 13-1

SAMPLE No.	DISTANCE FROM	DISTANCE TO	LENGTH SAMPLED	LENGTH REC'D.	ASSAYS WO3	ASSAYS Mo	UNIT	GEOLOGICAL DESCRIPTION	FRACTURING
	0	54.90	54.90	49.72					
GSK	16'	16'6"	6"	6"	<2	<2	HORNFELSED SEDIMENT/GRANITE MIXTURE	This unit has very disturbed appearance and is dark grey in colour. The whole tends to be graditional between the granite type of rock and the biotite quartzite type of rock with the quartzite dominant over all. Occasionally relic bedding is apparent in the more quartzitic units at 65° LCA as at 13.45m. At 14.17m there is a narrow vien of aplite very quartz rich. Some areas of this quartzitic core are quite rich in pyrite with some cpg present in it as at 8.51m. From 13.16 - 13.97 there is a unit which appears more quartzitic than usual and may be a relic sediment block. Small blocks of sediment like material continue to 54.90 with the overall appearance of the rock becoming slightly more quartzitic if anything. At 46.13 there is a small unit of Aplite very irregular in shape.	
GSK	30'	30'6"	6"	6"	<2	<2			
GSK	52'	52'6"	6"	6"	<2	<2			
	54.90	56.28	1.38	1.38			APLITE VEIN	This is a course grey white rock with some small amounts of tourmaline present in it. It is a lot lighter in colour than the above unit and contains a small amount of fine blue scheelite as well as one crystal of yellow ringed scheelite.	
	56.28	62.49	6.21	6.21			HORNFELSED SEDIMENT/ GRANITE MIXTURE	As above with quite large amounts of granite in comparison to sediment.	
	62.49	92.20	29.71	29.71			HORNFELSED SEDIMENT	This sediment is a fine grained unit dark grey to black in colour with only minor amounts of granite present here. Some small amounts of pegmatite are also present but scheelite mineralization is minimal. Quite high amounts of pyrite are present though this sediment and in places reaches quite high proportions. There are some variations in colour due mainly to coarse grain size which makes the quartz more apparent and hence gives the rock a lighter colour over all.	

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SAMPLE No.	DISTANCE FROM	DISTANCE TO	LENGTH SAMPLED	LENGTH REC'D.	ASSAYS	UNIT	GEOLOGICAL DESCRIPTION	FRACTURING
							Some Pegmetites occur as at 66.97 - 67.21; 73.59 - 74.32. A small unit of felspar porphyry with good angular crystals of felspar occur at 70.61 - 71.03.	