

APPENDIX 12

SHEPHERD AND MURPHY AREA

COSTEAN SAMPLING AND ANALYSES.

A. WESTERN COSTEAN.

(a) Sampling method

After cleaning wall of costean a strip sample was collected down the wall. A sample was taken over each one metre from the base of the basalt to the floor of the costean. This strip sampling was performed every 2 metres along the costean. Where the costean had a hard floor one strip sample was taken over one metre across the costean floor immediately opposite the vertical strip but at the opposite side of the costean, where the costean had a soft floor some screw augering was carried as deep as was possible, sampling one metre intervals.

Samples were labelled with grid reference and depth from surface - e.g. RD/Tas/SM/9028E 26S/4-5 5-6 etc. or RD/Tas/SM/9029.5E 26S/0-1, 1-2 etc.

Costean sample sites were marked with pegs in the floor labelled with aluminium permatags as follows - 9028E 26S/4M, 9028E 26S/5M (last number indicates depth in metres).

(b) List of samples collected

All samples are of deep lead alluvium or highly to completed weathered wrigglite.

All samples inadvertently sieved to -80 mesh.

21S/945.5E/	2	-	3	metres
	3	-	3.6	
21S/947 E/	3	-	3.8	
21S/948.5E/	1.3	-	2	
	2	-	3	
	3	-	4	
21S/950 E/	1.5	-	2.5	
	2.5	-	3.5	
21S/970 E/	2	-	3	
	3	-	4	
	4	-	5	
	5	-	5.3	