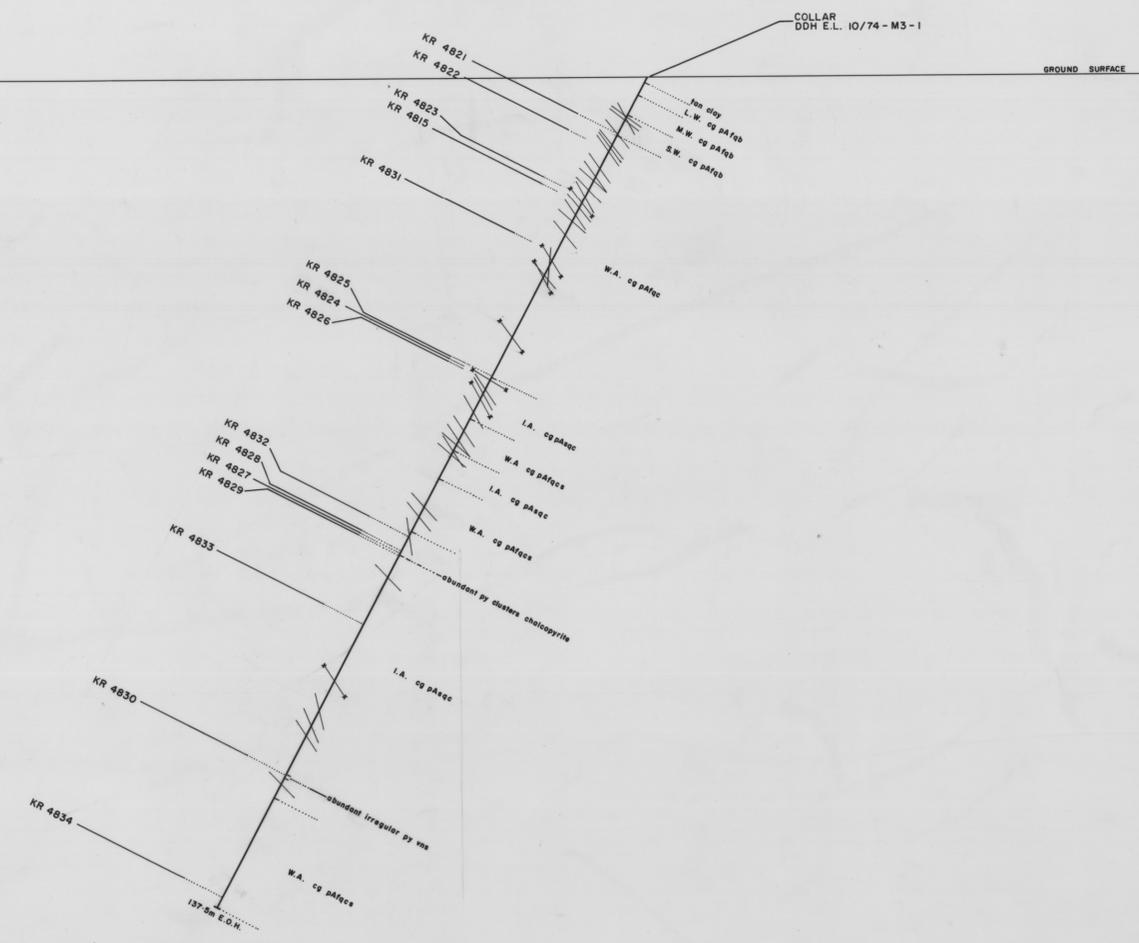


MARINER 3
DDH E.L.
10/74-M3-1



KR No.	DEPTH INTERVAL (m)	GEOLOGY	Cu ppm	Cu %	Pb ppm	Zn ppm	Ag ppm	Mn ppm	Cd ppm	Bi ppm	Fe %	W ppm	Ba ppm	Sn ppm	*Sn ppm	Mo ppm	As ppm	Au ppb	Sb ppm	Co ppm	Ni ppm
4821	9.63 - 9.73	py - qtz vn	>10 000	2.40	560	330	25	140	<5	570	23.00	5	<30	100		<2	100	10			
2	12.28 - 12.36	py - qtz vn	>10 000	2.95	180	350	55	290	5	150	14.50	10	30	300	270	<2	80	500			
3	20.05 - 20.19	py - qtz vn	5750		120	200	10	340	<5	<20	14.00	2	30	100	<2	100	55				
4	50.39 - 50.49	py - chalc - qtz vn	>10 000	8.45	6750	3250	325	300	40	5000	8.90	5	30	750	600	<2	200	>500			
5	49.89 - 50.39	cg pA sqc (mod. alt)	200		80	210	5	1450	<5	<20	5.20	5	3000	30	<2	20	50				
6	50.49 - 50.99	cg pA sqc (int. alt)	520		100	170	<2	1150	<5	20	3.90	10	3000	10	<2	<5	10				
7	78.94 - 79.56	py - chalc - qtz vn	8250		580	3750	35	140	10	190	5.85	5	100	10	2	80	90				
8	78.44 - 78.94	cg pA sqc (int. alt)	260		100	290	<2	1500	5	<20	6.70	2	3000	500	600	<2	30	35			
9	79.36 - 79.86	cg pA sqc (int. alt)	340		60	6060	<2	1300	10	<20	5.00	2	3000	30	<2	30	25				
30	115.22 - 115.75	py - vn - py clusters	25		30	110	<2	1150	<5	<20	6.00	<2	3000	100	<2	20	35				
1	29.35 - 29.50	cg pA fcs (weakly alt)	130		40	70	<2	450	<5	<20	2.25	<2	10000	<1	<2	<5	85				
2	76.08 - 76.18	cg pA sqc (int alt)	40		50	180	<2	3000	<5	<20	6.80	<2	10000	300	350	<2	<5	65			
3	90.50 - 90.60	cg pA sqc (int alt)	750		60	170	<2	2000	<5	<20	4.65	2	3000	500	440	<2	<5	45			
4834	135.83 - 135.93	cg pA fcs (weakly alt)	20		40	50	<2	650	5	<20	2.65	<2	10000	<1	<2	<5	<10				
4815	20.78 - 20.86	py - chalc - qtz vn	>10 000	1.40	950	1500	125	1100	5	5000	17.00	150			410	<2	150		70	100	150
repeat and check 4827			8200		520	3250	30	120	5	200	5.30	5				2	80				

03_4899
 Tube No 8: Mariner 1977-82 (EL 10/1974)
 Placer Dome Asia Pacific
 Green, D. EL10/1974

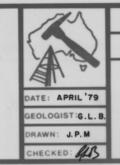
LEGEND:
ANALYTICAL METHODS:
 Cu, Pb, Zn, Bi, Fe, Co, Ag, Mn, Sb, Co, Ni by AAS
 W, Mo, As by colorimetry
 Sn, Ba by E.S schemes 2 and 3
 *Sn by X.R.F.
 Au by CRA/AAS.

NOTES:
 1. KR 4821 and 4822 were 1/2 HQ core samples
 KR 4823 was a 1/2 HQ core sample while
 the remainder were 1/4 HQ core samples.
 2. Collar co-ordinates Mariner 3 grid 9795 N 10970 E.
 3. Inclination: -62° 45'
 4. Bearing: 253° 12' Mariner 3 grid 211° 30' magnetic
 5. Core sizes: HQ 3-0m; NO 14-3m; BQ 137-0;
 6. A further 12 narrow py-qtz veins have not been plotted
 owing to drawing congestion problems.
 7. This is a profile of a DDH along the hole bearing (253° 12')
 Mariner 3 grid direction.
 8. Refer to map no. M-15 for geological abbreviations.

SYMBOLS:
 Weathering:
 S.W.....slightly weathered.
 M.W.....moderately weathered.
 I.W.....intensely weathered.
 Alteration:
 W.A.....weakly altered.
 I.A.....intensely altered.
 The type and the degree of the alteration mineralogy
 is denoted by the geological abbreviation and in the
 geological log.

Sulphide veins:

 denotes a py-qtz vn
 denotes a py-chalc vn
 denotes angle w.r.t. the L.A.O.C.



GEOPEKO
 A DIVISION OF PEKO-WALLSEND OPERATIONS LTD
 SCALE: 1:500
 No. KT 10/74-M-20
 E.L.10/74 BLACK BLUFF, TASMANIA
 MARINER 3
 D.D.H. E.L. 10/74 - M3 - 1
 DATE: APRIL '79
 GEOLOGIST: G.L.B.
 DRAWN: J.P.M.
 CHECKED: J.S.

5 cm