

47' 2253

DRILLING TARGET:— To check ore intersection in D.D.H. B4										40 038	
REMARKS: Ore body intersected between 1680'10" and 1704'5" down the hole											
SURVEY DATA			ASSAY DATA								
DEPTH feet	Bearing mag.	Inclin. degs.	SAMPLE No.	FROM ft. ins.	TO ft. ins.	RECOVERY			ASSAY RESULTS		
1520	(232 1/2)	75 3/4	See page 2								
	(230)	75 1/4									
1600		75									
		75									
1620	(226 1/2)	74 1/2									
	(226 1/2)										
1710	(232)	74									
	(231 1/2)	74 1/2									

GEOLOGICAL LOG						Logged by:— A. J. NOLDART	
FROM ft. ins.	TO ft. ins.	RECOVERY		DESCRIPTION	SECTION		
		ft. ins.	%		Core	Sample	
1 0	1506 0	-	-	Cement and hole wall cuttings		Bedding to core	
1506 0	1527 0	9	0	Gray quartzite with shaley partings			
1527 0	1528 9	1	9	Fossiliferous limestone		49°	
1528 9	1538 0	9	0	Pale gray quartzite as above			
1538 0	1540 3	2	3	Fossiliferous limestone		46°	
1540 3	1579 6		100	Pale gray quartzite as above			
1579 6	1583 6	4	0	Mottled carbonaceous sandstone with quartzite zones		49°	
1583 6	1597 6		100	Pale gray quartzite as above		47°	
1597 6	1606 6	9	0	Mottled carbonaceous sandstone as above with some fossiliferous limestone bands		32° 50°	
1606 6	1616 0	9	6	Pale gray quartzite with 1/2" to 3/4" quartz vein almost parallel to core			
1616 0	1661 0	45	0	Shattered gray quartzite as above shattering mainly due to broken and brecciated nature of quartzite - fault pug at 1621 ft., 1627 ft., 1630ft., and from 1632 ft. to 1633 ft.		55°	
1661 0	1680 0	19	10	Pale gray quartzite as above with several shale/carbonate bands and some quartz/carbonate veins - probably several		65°	

Continued over:—

DEPARTMENT OF MINES — TASMANIA
DIAMOND DRILL CORE RECORD

HOLE No.:—B4A	MAP SHEET No.	DISTRICT BEACONSFIELD	LOCATION OF SITE:— see D.D.H. B4 from a wedge located at a point 1490 feet down D.D.H. B4
R.L. OF SITE:—	SITE SURVEY ON MAP No.:— 3026/20	CORE SIZE:— BX	Core held M43-47
BEARING OF HOLE:—	AIR PHOTO No.:—	COMMENCED:— 4/4/66	
INCLINATION OF HOLE:—	DRILL:— Joy-Sullivan 30 HD	COMPLETED:— 12/7/66	
CO-ORDS. OF SITE:— W 81 30 00 E S 138 70 0 N	DRILLER:— D. R. HARDMAN/J. PERKINS	FINAL DEPTH:— 1733' 4"	

FROM		TO		RECOVERY		DESCRIPTION	SECTION		
ft.	ins.	ft.	ins.	ft.	ins.		Core	Sample	
1680	10	1704	6 23 8	100		small faults throughout - fault zone at end <u>ORE ZONE</u> Quartz/siderite/sulphide lode with pyrite, chalcopyrite, sphalerite, arsenopyrite and visible gold in several sections - log as follows:- 1680'10" to 1683'5" - quartz/siderite/sulphide mineralisation faulted at end 1683'5" to 1688'2" - quartz body with small flecks of gold-gold becoming sparse toward end 1688'2" to 1688'10" - quartz lode leached and honeycombed <i>1688'10" to 1690'10" quartz & visible gold</i> 1690'10" to 1696'5" - quartz/siderite/sulphide lode with no visible gold 1696'5" to 1702'7" - quartz lode with minor sulphides and occasional flecks of gold - some assimilated country rock. 1702'7" to 1704'6" - quartz/siderite/sulphide lode			
1704	6	1707	6 3 0	100		Partly broken pale gray quartzite			
1707	6	1708	3 0 9	100		1/2" quartz vein at 20° to core			
1708	3	1710	0 1 9	100		Pale gray quartzite as above becoming darker in colour			
1710	0	1714	0 14 0	100		Dark gray quartzite - fractured with open fault planes 1715' to 1720'			
1714	0	1733	4 9 4	100		Very dark gray to black quartzite - some minor fault zones and vug zones.			
END OF DEFLECTION									
							Continued over		

ASSAY DATA

SAMPLE No.	FROM		TO		RECOVERY		ASSAY RESULTS									
	ft.	ins.	ft.	ins.	ft.	ins.	Au(dwts)	Sb. %	Ag(dwts)	Pb%	Cu%	Zn%	As%	S%	Mn %	
B31	1680	10	1683	10	3	0	100	15.4								
B32	1683	10	1686	10	3	0	100	71.0								
B33	1686	10	1689	10	3	0	100	75.0								
B34	1689	10	1692	10	3	0	100	45.0								
B35	1692	10	1695	10	3	0	100	11.0								
B36	1695	10	1698	10	3	0	100	79.2								
B37	1698	10	1701	10	3	0	100	16.0								
B38	1701	10	1704	6 2 8	100		34.2									
COMPOSITE							AVE.	44.7								
	1680	10	1704	6 23 8	100		42.1	0.01	6.6	0.03	0.91	0.16	0.43	4.9	0.36	