



M (m)	ANGLE CORE AXIS		BEDROCK DESCRIPTION	Alteration	MINERALIZATION			Fracturing	Sample No.	From (m)	To (m)	Rec (m)	ASSAYS							
	B <sub>0</sub>	B <sub>1</sub>			P <sub>1</sub>	Carbon	Sulfur						Sn	W	Cu	Pb	Zn	Fe	As	Ag
40.50			Greenish-grey sandstone. Silicified in part						933232	40	41	1	250	X	215	40	135	33	1000	0.6
41.00			Grey siliceous sandstone. Laminated. Dendritic pyrite. Pyrite disseminated along bedding planes.	Thermal sulfur					239	41	42	1	410	X	205	40	160	25	1000	0.6
			At 41.3 Quartz veins pyrite or arsenopyrite var. 0.2m thick 25cm						240	42	43	1	40	X	50	10	810	1.2	28	0.4
			At 41.6 Quartz veins pyrite, arsenopyrite, cassiterite 0.25m thick						241	43	44	1	200	45	145	10	235	1.6	35	0.5
43.50			LIGHT GREEN calcareous shale. Bands of grey silicified siltstone and chert layers. Some graded bedding with disrupted bedding.						242	44	45	1	580	30	235	25	1000	2.3	13	0.7
			At 43.5 Quartz veins pyrite, arsenopyrite, cassiterite 0.25m thick						243	45	46	1	180	35	110	15	360	2.1	94	0.5
			At 43.5 Quartz veins pyrite, arsenopyrite, cassiterite 0.25m thick						244	46	47	1	150	X	135	20	1100	3.0	6	0.4
48.25			Green yellow siliceous sandstone. Disseminated pyrite.	Heavy sulfidation					245	47	48	1	310	X	160	10	640	2.3	94	0.4
52.30	60°		Green yellow siliceous sandstone. Disseminated pyrite. Silicified.	Sulfidation					246	48	49	1	100	X	115	15	320	3.1	450	0.5
			Green yellow siliceous sandstone. Thin nodules of pyrite with sphalerite. Thin dark layers define pre-sulfidation bedding. Chert in part. At 50.4 - 5m Quartz, pyrite, arsenopyrite var.						247	49	50	1	140	55	150	10	225	1.8	23	0.5
			50.4m quartz, pyrite, arsenopyrite var. 5cm thick						248	50	51	1	300	X	300	20	160	2.2	1000	1.0
54.30			Green calc. sandstone. Interfingering. Silicified in part.	Sulfidation					249	51	52	1	100	X	85	X	60	1.7	100	0.3
			Green calc. sandstone. Interfingering. Silicified in part.						250	52	53	1	55	X	45	X	510	1.7	67	0.3
56.00			Green calc. sandstone. Interfingering. Silicified in part.						251	53	54	1	160	X	150	10	500	1.3	1000	0.4
			Green calc. sandstone. Interfingering. Silicified in part.						252	54	55	1	410	X	155	5	2050	2.2	29	0.5
58.95			Green calc. sandstone. Interfingering. Silicified in part.						253	55	56	1	220	40	155	10	1000	3.1	8	0.4
60.65			Green calc. sandstone. Interfingering. Silicified in part.						254	56	57	1	75	X	30	30	160	2.1	30	0.5
			Green calc. sandstone. Interfingering. Silicified in part.						255	57	58	1	1150	80	600	25	990	5.4	11	1.1
64.95			Green calc. sandstone. Interfingering. Silicified in part.						256	58	59	1	350	60	195	25	1650	3.1	95	0.7
66.55			Green calc. sandstone. Interfingering. Silicified in part.						257	59	60	1	430	55	175	145	5000	2.2	16	2.3
68.50			Green calc. sandstone. Interfingering. Silicified in part.						258	60	61	1	450	75	145	140	2050	1.9	1000	2.5
			Green calc. sandstone. Interfingering. Silicified in part.						259	61	62	1	210	80	300	80	1300	2.4	1100	1.4
70.00	70°		Green calc. sandstone. Interfingering. Silicified in part.						260	62	63	1	100	30	110	1010	2500	1.5	51	1.5
			Green calc. sandstone. Interfingering. Silicified in part.						261	63	64	1	350	35	305	90	3650	3.1	1000	1.8
			Green calc. sandstone. Interfingering. Silicified in part.						262	64	65	1	250	X	135	25	1150	1.8	91	1.2
			Green calc. sandstone. Interfingering. Silicified in part.						263	65	66	0.7	30	X	10	15	75	1.4	11	0.3
72.00			Green calc. sandstone. Interfingering. Silicified in part.						264	66	67	0.5	1300	45	115	35	4050	2.0	12	0.5
			Green calc. sandstone. Interfingering. Silicified in part.						265	67	68	0.4	1950	45	520	30	2450	4.1	1000	0.4
78.30			Green calc. sandstone. Interfingering. Silicified in part.						266	68	69	0.3	1100	35	360	45	7200	2.9	1000	0.9
			Green calc. sandstone. Interfingering. Silicified in part.						267	69	70	0.8	2300	70	1160	405	9250	3.2	1000	0.5
			Green calc. sandstone. Interfingering. Silicified in part.						268	70	71	0.9	40	30	240	55	1460	2.6	1000	1.0
			Green calc. sandstone. Interfingering. Silicified in part.						269	71	72	1	55	40	30	20	140	3.0	91	0.2
			Green calc. sandstone. Interfingering. Silicified in part.						270	72	73	1	600	120	330	45	820	4.2	1000	0.6
			Green calc. sandstone. Interfingering. Silicified in part.						271	73	74	1	460	X	145	20	1200	2.1	1000	0.5
			Green calc. sandstone. Interfingering. Silicified in part.						272	74	75	1	10	X	60	25	170	2.7	11	0.2
			Green calc. sandstone. Interfingering. Silicified in part.						273	75	76	1	690	130	250	45	485	3.0	80	1.3
			Green calc. sandstone. Interfingering. Silicified in part.						274	76	77	1	65	X	40	10	205	2.3	43	0.3
			Green calc. sandstone. Interfingering. Silicified in part.						275	77	78	1	80	X	55	20	140	2.0	3	0.4
			Green calc. sandstone. Interfingering. Silicified in part.						276	78	79	1	45	X	40	20	545	2.5	1	0.4

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H (m)	ANGLE CORE AXIS	GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION				Fracturing	Sample No.	From (m)	To (m)	Rec (m)	ASSAYS (Lab ANALYSIS CODE Tasmanian)							
				PY	CHL	HA	HA						SN	W	CU	Pb	Zn	Fe	As	Ag
91.00		VARIABLY CRAGGIC FINELY Banded SLTSTONE Sph disseminated pyrite. Fine grained sphalerite along microfractures							923 277	79	80	1	30	40	125	55	8700	2.1	4	11
91.60		FINELY LAMINATED Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							278	80	81	1	30	X	55	40	640	2.3	X	0.5
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							279	81	82	1	15	X	30	15	55	2.3	1	0.3
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							280	82	83	1	25	X	45	20	115	2.8	F	0.4
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							281	83	84	1	290	X	135	35	1760	2.5	B	0.5
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							282	84	85	1	270	X	165	20	1750	2.6	11	0.6
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							283	85	86	1	500	X	580	85	700	2.9	100	1.8
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							284	86	87	0.9	620	35	385	25	7750	3.8	84	0.7
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							285	87	88	1	1000	100	360	10	8150	3.5	14	0.5
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							286	88	89	1	160	40	120	20	4200	2.7	9	0.5
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							287	89	90	1	390	55	160	25	900	2.6	18	0.4
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							288	90	91	1	45	X	40	20	130	2.5	24	0.3
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							289	91	92	1	430	X	1150	65	250	3.3	100	2.0
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							290	92	93	1	180	35	210	25	445	2.7	180	0.7
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							291	93	94	1	200	X	295	45	790	3.5	100	2.4
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							292	94	95	1	30	X	40	15	65	2.15		2
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							293	95	96	1	100	X	60	25	780	2.5		X
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							294	96	97	0.8	680	100	65	10	8700	2.7		2
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							295	97	98	1	140	30	60	15	2350	2.6		5
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							296	98	99	1	75	X	50	20	330	1.55		1
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							297	99	100	1	110	20	135	10	960	2.7		2
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							298	100	101	1	85	X	90	10	505	2.8		5
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							299	101	102	1	90	X	50	10	150	2.35		1
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							300	102	103	0.8	85	X	40	5	750	2.15		7
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							923 101	103	104	0.6	220	X	70	10	2250	1.9		1
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							102	104	105	1	100	20	95	5	215	2.3		5
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							103	105	106	1	95	20	55	X	430	2.28		4
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							104	106	107	1	130	X	90	45	220	3.65		5.2
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							105	107	108	1	580	25	250	5	7050	3.15		7
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							106	108	109	1	220	20	100	5	910	2.5		8
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							107	109	110	1	30	X	20	X	60	2.0		1
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							108	110	111	1	45	20	15	X	65	1.9		X
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							109	111	112	1	20	20	55	25	110	2.8		4
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							110	112	113	1	370	50	90	20	6250	3.45		6
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							111	113	114	1	400	60	60	10	2150	2.2		4
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							112	114	115	1	2950	240	410	50	2050	3.1		12
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							113	115	116	1	350	140	360	35	520	4.5		10
		Thinly laminated Banded SLTSTONE laminae irregular to wavy and slightly offset by incipient cleavage. Pyrite and sphalerite occurs as blebs and along cleavage planes. Minor silicification and barmitisation.							114	116	117	1	120		80					3

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SEPTENTRIONAL TASMANIA DRILL LOG

Prospect BALFOUR Hole no. DDB14

M (m)	GRAPE LOG	ANGLE TO CORE AXIS		GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION				Fracturing	Sample No.	From (m)	To (m)	Rec (m)	ASSAYS (Lab: ANLABS Cores Tasmania)								
		S0	S1			Pt	Carbon	Alumina	Quartz						Sn	W	Cu	Pb	Zn	Fe	As	Ag	
																14	X	10	30	35	285	10	0.2
																18	X	5	15	20	20	5	0.1
																41	b	25	50	115	23	14	0.5
																46	X	20	55	60	19	8	0.4
100-20				Mass micaceous sandstone. Sphalerite blebs throughout. Also vermicular.												49	X	65	90	1550	215	2	14
200-50				Fine grained micaceous sandstone, micaceous siltstone. Variably chloritic. Laminae diffuse. 15-20%.												15	X	55	15	1450	185	5	0.5
																199	X	45	5	260	135	300	0.5
																200	b	185	X	400	26	900	0.4
210-50				Laminar coarse, micaceous sandstone. Diffuse bedding. Laminae. Disrupted laminae in part.												205	b	135	10	650	24	10	0.3
																206	X	35	15	240	14	11	0.6
				At 209 - fine dendritic pyrite.												207	X	10	15	110	0.9	6	0.3
				208 - Ven: quartz, siderite, fluorite - thin thick.												208	b	15	215	350	0.8	4	2.0
				209 - Ven: quartz, siderite, sphalerite, pyrite.												209	b	110	30	1950	165	17	0.5
		35	25	209 - Ven: quartz, siderite, sphalerite, pyrite, chalcocyanite.												210	g	135	115	2050	255	4	1.5
				210 - Small class of chlorite in white silty sand.												211	S	20	15	205	14	7	0.5
																212	b	X	5	35	155	30	0.4

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