

Giants Reef Mining NL
7831880N 436480E
Logged by: PGS & BRS

RC Drill Log
Total Depth: 179m
Date Drilled: 23-24 July 1999

Rig: SD1000
Dip:-60 Azimuth: 353 (mag)

Hole No: GHR008
Prospect: Gossan Hill
Tenement: EL7636

Reason for hole: Test Surtron mag anomaly target & find mineralisation

Sample	From	To	Rock Code	Colour	Texture	Weth	He	Cl	Ti	Do	Sil	Qv	Cv	Sulphides	Mag Sus	Description
	0	1	Oc	brbl	fd	W	2								2.12	COLLUVIAL OVERBURDEN, OF SILSTONE AND IRONSTONE.
	1	2	SISm	dkbr	fd	W									1.38	SOFT DARK BROWN MUDDY SILTSTONE.
70563	2	3	SISm	dkbr	fd	W									0.19	SAME.
	3	4	SISm	dkbr	fd	W									0.21	SAME.
	4	5	SISm	dkbrwl	fd	W									0.19	SOME BLEACHING.
70564	5	6	SISm	dkbr	fd	W									0.28	
	6	7	SISm	dkbrbe	fd	W									0.16	SOME BLEACHING
	7	8	SISm	dkbr	fd	W									0.19	
70565	8	9	SISm	dkbr	fd	W									0.19	
	9	10	SISm	dkbr	fd	W						1			0.20	MINOR QTZ.
	10	11	SISm	dkbr	fd	W									0.19	
70566	11	12	SISm	dkbr	fd	W									0.18	
	12	13	SISm		fd	W									0.24	
	13	14	SISm	dkbr	fd	W									0.21	
70567	14	15	SISm		fd	W									0.23	
	15	16	SISm	dkbr	fd	W									0.18	
	16	17	SISm	dkbr	fd	W									0.29	
70568	17	18	Sw	dkbr	md	W									0.36	CHANGE TO FINE GREYWACKE.
	18	19	Sw	dkbr	md	W									0.32	VERY MINOR BLACK HAEM CHIPS.
	19	20	Sw	dkbr	md	W									0.26	
70569	20	21	SI		fd	W									0.20	
	21	22	SI	dkbr		W									0.24	
	22	23	SI		fd	W									0.19	
70570	23	24	SI	dkbr		W									0.24	
	24	25	SISm	dkbr	fd	W									0.20	
	25	26	SISm	dkbr	fd	W									0.27	
70571	26	27	SISm		fd	W									0.36	
	27	28	SISm	dkbfr		W									0.27	
	28	29	SISm	dkbr	fd	W									0.29	SOFT BUT BRITTLE FRACTURE.
70572	29	30	SISm	dkbr	fd	W									0.29	
	30	31	SISm	dkbr	fd	W									0.29	
	31	32	SwSI	br	mdfd	W									0.41	
70573	32	33	SwSI	br	fdmd	W									0.32	

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	33	34	Sw	br	md	W									0.57	
	34	35	SISm	dkbr	fd	W									0.29	FEW YELLOWISH JOINT COATINGS.
70574	35	36	SI	dkbr	fd	W									0.36	SAME.
	36	37	SwSI	dkbr	mdfd	W									0.34	
	37	38	SwSI	br	fdmd	W									0.41	
70575	38	39	SwSI	dkbr	mdfd	W									0.39	
	39	40	SwSI	br	fdmd	W									0.37	
	40	41	SwSI	br	fdmd	W									0.29	
70576	41	42	SwSI	dkbr	fdmd	W									0.30	
	42	43	SI	dkbr	fd	W									0.27	YELLOW ON SOME JOINTS.
	43	44	SwSI	dkbr	fdmd	W									0.39	
70577	44	45	SwSI	dkbr	fdmd	W									0.24	MINOR YELLOW COATINGS ON FEW SURFACES.
	45	46	SI	dkbr	fd	W									0.28	
	46	47	SI	dkbr	fd	W									0.40	YELLOW WEATHERING ON SOME SURFACES.
70578	47	48	SI	dkbr	fd	W									0.39	
	48	49	SI	dkbr	fd	W					1				0.44	WEAK SILICIFICATION.
	49	50	SI	dkbr	fd	W					1				0.38	YELLOW ON SOME CRACKS.
70579	50	51	SI	dkbr	fd	W					1				0.30	DITTO. BECOMING HARD.
	51	52	SISm	dkbr	fd	W					1	1			0.38	SAME. MINOR WHITE VEIN QTZ.
	52	53	SI	dkbr	fd	W					1				0.31	
70580	53	54	SI	dkbr	fd	W									0.45	
	54	55	SwSt	dkbr	fdmd	W					1				0.37	GREYWACKE WITH 10%TAN CHERTY BANDS.
	55	56	SwSm	dkbr	mdfd	W					1				0.42	GREYWACKE & SILIC'D MUDSTONE.
70581	56	57	SwSI	dkbr	mdfd	W									0.55	
	57	58	SwSI	dkbr	mdfd	W					1				0.38	
	58	59	Sw	br	md	W									0.93	
70582	59	60	Sw	br	md	W						2			0.52	QTZ VEINING IN G'WKE.
70583	60	61	Sw	br	md	W		1				1			0.89	LESS WEATHERING: WEAK CHLORITE VISIBLE.
70584	61	62	Sw	br	md	W						1			0.90	
70585	62	63	SI	dkbr	fd	W									0.45	
70586	63	64	Sw	dkbr	md	W									0.60	
70587	64	65	SwSI	dkbr	fdmd	W						1			0.69	
70588	65	66	Sw	dkbr	md	W						1			0.53	WEATHERING COLOURS ON FRACTURES.

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70589	66	67	SwSI	dkbrgy	mdfd	W		1							0.68	SOME CHIPS CHLORITIC.
70590	67	68	Sw	dkbr	md	W									0.57	
70591	68	69	SwSI	dkrbr	fdmd	W		1							0.63	DARK BR = COARSE GR; RED-BR = FINE GR.
70592	69	70	SISm	dkbrgr	fd	W		1							0.39	SOME GREEN CHLORITIC LAYERS OR BANDS.
70593	70	71	SI	dkbr	fd	W					1				0.37	HARD SILTSTONE.
70594	71	72	SI	dkbr	fd	W		1			1				0.39	MINOR CHLORITIC BANDS.
70595	72	73	SI	rbr	fd	W					1				0.62	
70596	73	74	SwSI	dkbr	fdmd	W									0.49	
70597	74	75	SI	dkbr	fdmd	W									0.80	
70598	75	76	SwSI	dkbr	fdmd	W									0.63	
70599	76	77	Sw	dkbr	md	W									0.86	
70600	77	78	SwSI	dkbr	fdmd	W									0.37	
70601	78	79	SI	dkbr	fd	W					1				0.25	WEAKLY SILICIFIED.
70602	79	80	SwSI	dkbr	fdmd	W					1				0.69	COARSE AND FINE.
70603	80	81	Sw	dkbr	md	T									0.75	
70604	81	82	Sw	dkbr	md	T									0.56	
70605	82	83	SwSI	rbr	fdmd	T									0.78	
70606	83	84	SI	rbr	fd	T					1				0.35	
70607	84	85	SI	rbr	fdfo	T		1			1	1			0.82	FEW CHLORITE BANDS; MINOR VEIN QTZ.
70608	85	86	SISw	rbr	fdmd	T		1			1				0.66	FLAT CHIPS.
70609	86	87	SI	rbr	fd	T		1			1				0.68	
70610	87	88	SI	rbr	fdfo	T					1				0.15	WEAK CLEAVAGE OR FOLIATION.
70611	88	89	SI	rbr	fdfo	HT					1				0.36	PULLED RODS TO PUT ON STAINLESS LEADING ROD.
70612	89	90	SISw	dkbr	fdmd	T	1								0.41	THREE SURVEYS, THEN DRILLED ON. MINOR HAEM CHIPS.
70613	90	91	SISw	dkbr	fdmd	T									0.68	
70614	91	92	SISw	dkbr	fdmd	T									0.69	
70615	92	93	SISw	dkbr	fdmd	T									0.72	
70616	93	94	SI	rbr	fd	T									0.43	
70617	94	95	SI	rbr	fd	T									1.03	
70618	95	96	SI	rbr	fdfo	T					1				0.34	FINE LAMINATIONS.
70619	96	97	SI	rbr	fdfo	T					1				0.59	
70620	97	98	SI	rbr	fd	T					1				1.01	
70621	98	99	SISw	dkbr	fd	T									1.12	SLICKENSIDES.

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70622	99	100	SISw	dkbr	fd	T									0.93	MINOR HAEM OR CHLOR ON FEW FRACTURES.
70623	100	101	SISw	dkbr	fd	T					1				0.46	FINER BEDS SHOW LAMINATIONS.
70624	101	102	SI	dkbr	fdfo	T		1			1				0.47	
70625	102	103	SI	dkbr	fdfo	T					1				0.69	
70626	103	104	SI	rbrbe	fd	TF					1				1.46	SOME BEIGE-COLOURED ALTERATION.
70627	104	105	SISl	brgnbe	fd	F		1			2				0.97	BROWN SLST & LIGHTER CHERT.
70628	105	106	SI	dkbr	fd	F					1				0.86	
70629	106	107	SI	dkbr	fd	F					1				0.85	END OF PGS LOG
70630	107	108	SI	dkbr		FT									0.48	BRS LOGGING; THIS LOOKS LIKE SI FROM OLYMPUS (ie: BORING BROWN CHIPS)
70631	108	109	SI	dkbr		FT					1				0.73	
70632	109	110	SI	dkbr		F		1			1				1.26	MINOR CHL ON SOME CHIP EDGES
70633	110	111	SI	dkbr		F									1.37	SLIGHTLY COARSER THAN PREVIOUS. TRACE CHL ONLY
70634	111	112	SI	dkbr		F					1				0.51	
70635	112	113	SI	dkbr		F					1				0.41	WEAK CONCHOIDAL FRACTURE
70636	113	114	SI	dkbr	fr	F					1				0.28	SOME CLAYS FROM CYCLONE AFTER ROD CHANGE?
70637	114	115	SI	brgn	fr	F		1			1				0.50	AS ABOVE. CLAY BALLS, MORE GREEN CHIPS
70638	115	116	SI	brgn		F					1				0.86	
70639	116	117	SI	brgn		F		1			1				0.66	LOOSE CHLORITE
70640	117	118	SI	dkbr	fr	F									0.56	
70641	118	119	SI	dkbr	fo	F									0.45	FOLIATED, PLATY CHIPS
70642	119	120	SI	dkbr		F									0.67	MINOR GREEN SI. WEAKLY FRACTURED
70643	120	121	SI	dkbr		F									0.55	AS ABOVE
70644	121	122	SI	dkbr		F									0.73	
70645	122	123	Sw	dkbr		F									2.62	
70646	123	124	SwSl	ddkbr		F									1.13	CHIP MIX: PROBABLY INTERBEDDED SW & SI
70647	124	125	SI	brgn		F									1.31	TRACE CHL ON CHIP EDGES. VERY MINOR Sw. SURVEY
70648	125	126	SI	brgn		F		1							0.88	TRACE CHLORITE
70649	126	127	Sw	dkbr		F									1.69	
70650	127	128	Sw	dkbr		F									1.38	
70651	128	129	Sw	dkbr	md	F						0.1			2.69	TRACE PLANAR QTZ VEINING. COARSER MATRIX THAN PREVIOUS
70652	129	130	Sw	dkbr	fd	F									1.56	
70653	130	131	SISw	dkbr		F									0.97	

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Sample	From	To	Rock Code	Colour	Texture	Weth	He	Cl	Ti	Do	Sil	Qv	Cv	Sulphides	Mag Sus	Description
70654	131	132	SI	dkbr		F									0.96	
70655	132	133	SI	dkbr		F									1.90	
70656	133	134	SI	dkbr		F									0.84	
70657	134	135	IISI	dkgn		F		2			1				4.53	BIOTITC LAMPROPHYRE & SILICEOUS CHLORITIC SI
70658	135	136	II	dkgn		F		1							8.26	
70659	136	137	SI	dkgn		F		1							0.88	ABRUPT CHANGE: WEAKLY CHL SEDS (FINE Sw & SI)
70660	137	138	SI	dkbr		F									0.56	
70661	138	139	IISI	dkbrgn		F		2							4.97	CHL IN SI
70662	139	140	II	dkgn		F		1							8.96	
70663	140	141	SIII	dlkpugn		F		1							2.55	PURPLE SI LOOKS SLIGHTLY FOLIATED
70664	141	142	SwSI	dkbr		F									1.67	MATRIX SUPPORTED SPORADIC CLASTS; NEARLY A SI
70665	142	143	SISw	sdkbr		F									1.95	
70666	143	144	SwSI	brgy		F		1				1			1.64	PLANAR QTZ VEINING: MINOR CHLORITE
70667	144	145	Sw	br		F		1				2			2.47	
70668	145	146	Sw	br		F						1			1.66	TRACE CHL ONLY. LESS QTZ. OTHERWISE UNALTERED
70669	146	147	SwSI	dkbr		F									1.22	TRACE CHL, QTZ ONLY. ?INTERBEDDED FINE Sw & SI?
70670	147	148	SwSI	dkbr		F									1.49	AS ABOVE
70671	148	149	SwSI	brgn		F		1				3			1.61	CHIP MIX OF Sw & GREEN SI.
70672	149	150	Sw	brgy	mdcd	F		1				3			2.32	TRACE CHLORITE IN QTZ
70673	150	151	Sw	brgy	cd	F									3.24	COARSER THAN PREVIOUS
70674	151	152	Sw	brgy		F									1.83	
70675	152	153	SwSI	dkbr		F									1.23	
70676	153	154	SwSI	brgy		F									2.25	
70677	154	155	SwSI	brgy		F									2.61	FGRAINED Sw, OR COARSE SI. SURVEY
70678	155	156	Sw	brgy	md	F									2.29	DRILLING RESUMED 24 JULY. FINE WACKE. HARD.
70679	156	157	SISw	gybr	fdmd	F		1				0.5			0.64	SIMILAR. WEAK REGIONAL CHLORITE.
70680	157	158	SI	dkbr	fdfo	F						3			1.24	WHITE QTZ VEINS. CLEAVAGE. FLAT CHIPS.
70681	158	159	SISw	dkbrgy	fd	F					1				1.26	HARD WACKE/SLST.
70682	159	160	SISw	dkbrgy	fd	F					1				1.32	WEAK SILIC'N. SAME.
70683	160	161	SISh	dkbrgr	fd	F					1				1.28	SILICIFIED DARK-BR SHALEY SLST. FEW GREEN BANDS.
70684	161	162	SISh	dkbrgr	fd	F					1				0.96	SAME.
70685	162	163	SI	dkbr	fd	F									1.6	
70686	163	164	SI	dkbr	fd	F									0.97	

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70687	164	165	SI	dkbr	fd	F									1.24	
70688	165	166	SI	rbr	fd	F					1				2.29	
70689	166	167	SI	dkbr	fd	F									1.55	
70690	167	168	SISw	dkbr	mdfd	F									0.59	
70691	168	169	SISw	dkbr	fdmd	F									0.81	
70692	169	170	SISw	dkbr	fd	F									0.89	
70693	170	171	SI	dkbr	fd	F					1				1.42	WEAKLY SILICIFIED.
70694	171	172	SI	dkbr	fd	F					1				1.17	DITTO.
70695	172	173	SI	dkbr	fd	F					1				1	SURVEY AT 173m.
70696	173	174	SISw	dkbr	fd	F					1				2.41	
70697	174	175	SISw	dkbr	fd	F					1				2.01	
70698	175	176	SI	dkbr	fd	F					1				0.86	SLICKENSIDES ON SOME CHIPS.
70699	176	177	SISw	dkbr	fd	F					1				0.81	
70700	177	178	SI	dkbr	fd	F					1	0.5			1.02	
70701	178	179	SI	dkbr	fd	F					1				1.02	FEW GREEN CHIPS. HOLE STOPPED: NO MINERALISATION.