

Giants Reef Mining NL RC Drill Log Rig: SD1000
7831900N 437520E Total Depth: 119m Dip: 60 Azimuth: 355 (mag)
Logged by: P.Simpson Date Drilled: 29 May 1999

Hole No: GHR006
Prospect: Gossan Hill
Tenement: EL7636

Reason for hole: Test for geophysically modelled south plunging ironstone

Sample	From	To	Rock Code	Colour	Texture	Weth	He	Cl	Ti	Do	Sil	Qv	Cv	Sulphides	Mag Sus	Description
68988	0	1	OsOc	rbr		W	1								0.83	OVERBURDEN FINE SAND, CLAY, IRONST CHIPS.
68989	1	2	Sm	br	fd	W									0.25	BEDROCK: SOFT BROWN MUDSTONE.
68990	2	3	SmSl	br	fd	W									0.19	SILTY MUDST.
68991	3	4	Sl	br	fd	W									0.19	SILTSTONE, SOFT & WEATHERED.
68992	4	5	Sl	brpk	fd	W						5			0.33	SAME. SOME QTZ.
68993	5	6	SlSw	brpk	fd	W						2			0.22	PVC 150mm COLLAR PIPE TO 5m.
68994	6	7	SlSw	br	fdmd	W						2			0.22	SILTY WACKE.
68995	7	8	Sw	br	mdfd	W						8			0.29	BROWN WACKE.
68996	8	9	Sw	rbr	mdfd	W						3			0.31	RARE GREENISH MIN ON SOME SURFACES.
68997	9	10	Sw	rbr	mdfd	W						2			0.29	
68998	10	11	Sw	rbr	mdfd	W						2			0.34	
68999	11	12	Sw	rbr	mdfd	W	1					3			0.52	BLACK HEM ON FEW JOINTS.
69000	12	13	SlSw	br	fd	W						2			0.18	
69001	13	14	Sl	br	fd	W									0.22	SOME YELLOWISH SOFT CHIPS.
69002	14	15	Sl	br	fd	W									0.17	
69003	15	16	Sl	br	fd	W									0.21	
69004	16	17	Sm	br	fd	W									0.19	SOFT MUDSTONE. FEW PALER CHIPS.
69005	17	18	Sm	br	fd	W									0.17	SAME.
69006	18	19	Sm	br	fd	W									0.19	SAME.
69007	19	20	Sm	br	fd	W									0.18	DITTO.
69008	20	21	Sm	brybr	fd	W									0.18	SAME.
69009	21	22	Sm	br	fd	W						2			0.22	SOFT BR MUDSTONE STILL.
69010	22	23	Sm	br	fd	W									0.21	RARE BLACK HEM CHIPS.
69011	23	24	Sm	br	fd	W									0.22	
69012	24	25	SmSl	ltbr	fd	W									0.19	
69013	25	26	SmSl	ltbr	fd	W									0.17	FEW BLACK HEM COATINGS.
69014	26	27	SlSw	br	fdmd	W									0.24	VARIOUS SHADES OF BROWN.
69015	27	28	SwSl	br	fdmd	W	1								0.32	HEM ON SOME FRACTURE SURFACES.
69016	28	29	Sw	rbr	mdfd	W	1								0.34	SAME.
69017	29	30	Sw	ybrd	mdfd	W	1					1			0.39	
69018	30	31	SlSw	ybr	fdmd	W						2			0.22	
69019	31	32	Sl	rbrye	fd	W									0.29	RED-BR TO YELLOW/GREEN BROWN.
69020	32	33	SlSm	ybrbr	fd	W									0.27	

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69021	33	34	SISm	dkbrye	fd	W									0.23	DARK BR TO YELLOWISH GREEN.
69022	34	35	SISm	dkbr	fd	W									0.26	DARK BROWN SLST/MUDST.
69023	35	36	SISm	dkbr	fd	W									0.29	SAME.
69024	36	37	Sl	dkbr	fd	W									0.26	
69025	37	38	Sl	dkbr	fd	W									0.24	
69026	38	39	Sl	dkbr	fd	W									0.24	GETTING HARDER.
69027	39	40	Sl	dkbr	fd	W									0.32	CHIPS FLATTISH TO SPLINTER.
69028	40	41	Sl	dkbr	fd	W									0.29	
69029	41	42	Sl	dkbr	fd	W									0.3	MINOR HEM ON SOME SURFACES.
69030	42	43	SISw	dkbr	fdmd	W						1			0.29	DITTO.
69031	43	44	SISw	dkbr	fdmd	W						1			0.29	
69032	44	45	SISw	dkbr	fdmd	W									0.27	
69033	45	46	SISw	dkbr	fdmd	W									0.27	
69034	46	47	SISw	dkbr	fdmd	W									0.43	
69035	47	48	SISw	dkbr	fdmd	W									0.32	SOME YELLOWISH SURFACES.
69036	48	49	Sw	dkbr	md	W					1				0.66	
69037	49	50	SwSl	dkbr	fdmd	W					1				0.34	DITTO.
69038	50	51	SwSl	dkbr	fdmdf	W					1				0.37	
69039	51	52	SwSl	dkbr	fdmd	W					1				0.47	
69040	52	53	SwSl	dkbr	fdmd	W					1	1			0.44	
69041	53	54	SISh	dkbr	fd	W					1				0.46	INCLUDES SHALE OR SILIC'D MUDSTONE.
69042	54	55	SISh	dkbr	fd	W					1				0.41	
69043	55	56	SISh	dkbr	fd	W					1				0.35	
69044	56	57	SISh	dkbr	fd	W					1				0.38	SILICIFIED.
69045	57	58	SwSh	dkbr	fdmd	W		1			1				0.43	REGIONAL CHLORITE (SOME BANDS).
69046	58	59	SwSh	dkbr	fd	W		1			1				0.53	
69047	59	60	SwSh	dkbr	fdmd	W		1			1				0.63	SOME YELLOW CHIPS.
69048	60	61	Sw	brgn	md	T		1							0.81	REGIONAL CHLORITE.
69049	61	62	Sw	brgn	md	T		1							0.88	
69050	62	63	Sw	br	md	T		1							0.81	
69051	63	64	SwSh	dkrbr	fdmd	T					1				0.5	
69052	64	65	SwSh	rbrgn	fdmd	T		1			1				0.6	REDDISH SILIC'D SH & GREEN-BR WACKE.
69053	65	66	SwSh	rbrgn	fdmd	T		1			1				0.56	SAME.

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69054	66	67	Sh	dkbr	fd	T					1				0.41	SHALE.
69055	67	68	Sh	dkbr	fd	T					1				0.38	DITTO.
69056	68	69	SISh	dkbr	fd	T		1			1				0.4	SOME GREENISH CHLORITIC LAYERS OR BANDS.
69057	69	70	SISh	dkbr	fd	T		1			1				0.35	SAME.
69058	70	71	SISh	dkbrgn	fd	T		1			1				0.51	SAME.
69059	71	72	Sh	dkbr	fdfo	T		1			1				0.44	MINOR CHLORITE.
69060	72	73	SISh	dkbr	fd	T		1			1				0.35	
69061	73	74	SISh	rbr	fdfo	T					1				0.54	
69062	74	75	Sl	dkbr	fdffo	T					1				0.62	
69063	75	76	SwSl	dkbr	fd	T					1				0.7	SILICIFIED.
69064	76	77	SISh	dkbr	fdfo	T	1				1	1			0.71	GREEN MIN WITH VEIN QTZ.
69065	77	78	SISh	dkbrd	fd	F	1	1			1				0.64	
69066	78	79	SwSl	dkrbr	fdmd	F		1			1				0.93	WACKE IS DARK BR SLST IS RED-BR.
69067	79	80	SwSl	dkrbr	fdmd	F		1			1				0.91	SAME.
69068	80	81	Sl	rbrgn	fdfo	F		1			1				0.55	
69069	81	82	Sl	dkbr	fdfo	F					1				0.54	
69070	82	83	Sl	dkbr	fdfo	F					1				0.48	
69071	83	84	SISh	dkrbr	fdfo	F	1				1				0.65	HEM ON SOME FRACTURES.
69072	84	85	SISh	blrbr	fd	F	2	3			1				0.57	DARK CHLORITE ALT'N, SOME SPEC HEM.
69073	85	86	Sl	gnblwh	fd	F	1	3	1	1	2				0.3	ALTERATION.
69074	86	87	Md	whbeg	md	F		1	1	4	2				0.34	MAINLY DOLOMITE.
69075	87	88	Md	blgnwh	mdfd	F	1	2	1	2	1				0.79	DOLOMITE FIZZES SLOWLY WITH HCl.
69076	88	89	Md	blwhgr	fdmd	F	1	1	1	2	1				13.4	DOLOMITE ALTERATION. SOME MAGNETITE.
69077	89	90	Sl	dkgn	fd	F	1	3	1	1	1				1.97	SHEARED. SOME FINE MAGNETITE.
69078	90	91	Md	dkgnpl	fdfo	F		3	1	2	1				0.34	CHLORITE DOLOMITE ROCK.
69079	91	92	Achl	gnbl	fdfo	F		3	1	1					0.36	SHEARED CHLORITIC ROCK.
69080	92	93	Achl	dkgnbl	fdfo	F		4	1						0.36	SIMILAR.
69081	93	94	AchlMd	dkgn	fdfo	F		4	1	2					0.25	SHEARED CHLORITE WITH CARBONATE.
69082	94	95	AchlMd	gnbl	fdfo	F		4	1	2					0.24	DITTO.
69083	95	96	AchlMd	gnblwh	fdfo	F	1	4	1	2					1.64	SIMILAR. FEW MAGNETIC CHIPS.
69084	96	97	AchlMd	gnbl	fdfo	F	1	4	1	3					2.64	SIMILAR.
69085	97	98	AchlMd	gnblwh	fdfo	F	1	4	1	3					5.11	SIMILAR.
69086	98	99	AchlMd	dkgn	fdfo	F	1	4	1	2					1.62	CHLORITE DOLOMITE (TALC HEMATITE) ROCK.

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69087	99	100	AchlMd	dkgnbl	fdfo	F	1	4	1	3					0.39	SAME.
69088	100	101	SlSh	blgnm	fdfo	F	1	4							0.46	SHEARED BLACKISH CHLORITE ROCK.
69089	101	102	SlSh	blbrd	fdfo	F	1	4				5			0.42	SIMILAR WITH QTZ. MAGNETIC CHIPS.
69090	102	103	SlSh	blgn	fdfo	F	1	3							0.45	BLACKISH GREEN CHLORITIC ROCK.
69091	103	104	SlSh	blgn	fdfo	F	1	3							0.41	DITTO.
69092	104	105	SlSt	brbl	fd	F	1	2			2				0.36	BROWN CHET & BLACKISH CHLORITE ROCK.
69093	105	106	SlSt?	brgn	fd	F		2			2				0.3	SIMILAR.
69094	106	107	Sl?	dkgnbl	fd	F		2			3				0.71	CHERTY, CHLORITIC.
69095	107	108	Sl	dkgnbl	fdfo	F	1	3			1				0.22	VERY CHLORITIC BLACKISH ?SLST?
69096	108	109	SlSh	dkgnbl	fdfo	F	1	3	?						0.3	CHLORITIC SHEARED SLST OR SLST/SHALE.
69097	109	110	Sl?	dkgnbl	fd	F		3	?		2				0.25	SIMILAR, WITH SILICIFIED ?SLST.
69098	110	111	Sl?	dkgng	fd	F		3			2				0.31	CHLORITE AND SILICIFICATION.
69099	111	112	Sl?	dkgygr	fd	F	1	3			2				0.49	MINOR SPECULARITE.
69100	112	113	SwSl	gngy	mdfd	F		2			1				0.55	CHLORITIC AND SILICIFIED SLST/GREYWACKE.
69101	113	114	SlSt	gnbr	fd	F		2			3				0.7	POSSIBLY CHERTIFIED SLST OR TUFF?
69102	114	115	SlSt?	gngy	fd	F		2			3				0.83	SIMILAR; NOT SO CHERTY.
69103	115	116	SwSl	dkgn	fdmd	F		2			3	2			0.7	SILICIFIED & CHLORITIC WACKE/SLST.
69104	116	117	Sl	dkgn	fd	F		2			2				1.11	SIMILAR.
69105	117	118	Sl	dkgn	fd	F		2			2	1		Az1	0.86	SAME. ONE TINY CHIP OF AZURITE.
69106	118	119	SlSh?	bldkgn	fdfo	F		3			1				0.59	PLUNGING IRONSTONE