

Giants Reef Mining NL

RC Drill Log

Rig: SD1000

Hole No: EXR003

7833890N 438365E

Total Depth: 150m

Dip: 60 Azimuth: 156 (mag)

Prospect: Explorer 211

Logged by: BRS & PGS

Date Drilled: 31 May & 1 June 99

Tenement: EL7636

Reason for hole: Scissor hole to EXR002; test attitude of geophysical anomaly

Sample	From	To	Rock Code	Colour	Texture	Weth	He	Cl	Tl	Do	Sil	Qv	Cv	Sulphides	Mag Sus	Description
69388	0	1	Oc	brgy											2.15	CHIP MIX OF SI, Mi, QTZ. STRONGLY WETH. ?CYCLONE CONTAMINATION?
69389	1	2	Oc	br											2.89	MORE MI THIS INTERVAL (~25%VOL)
69390	2	3	Oc	ltbr											2.29	CHIP MIX; WITH MINOR LTBR CLAYS
69391	3	4	Oy	yebe											1.58	CLAYS WITH MINOR WETH COLLUVIUM
69392	4	5	Oy	bepk											0.2	LEACHED CLAYS & MINOR COLLUVIAL CLASTS. PRECOLLAR
69393	5	6	OcOy	ltbr											0.9	CLAYEY CHIPS. MINOR CONTAM?
69394	6	7	Oc	rbrwh											0.18	rbr CLAY COATING OF WH CLAY CHIPS
69395	7	8	Si	yebr											0.28	~30% VOL WH CLAY CHIPS, OTHERWISE FGRAINED rbr Si
69396	8	9	Si	rbr		W		1							0.24	AS ABOVE, BUT SI IS A LITTLE FERRUGINOUS
69397	9	10	Si	rbr	fr	W									0.33	
69398	10	11	Si	brwh	fr	W									0.25	BACK TO BEING CLAYEY AGAIN...
69399	11	12	OySi	brwh		W									0.26	BALLED STICKY CLAYS
69400	12	13	Si	rbr		W									0.26	MINOR WH CLAYS, BLOCKY SOFT SI
69401	13	14	Si	br		W		1							0.23	
69402	14	15	Si	br		W									0.23	
69403	15	16	Si	br		W									0.26	
69404	16	17	Si	br		W									0.25	
69405	17	18	Si	br		W									0.2	SOFT MASSIVE BR CLAY COATED CHIPS. QUICK DRILLING
69406	18	19	Si	br	fr	W									0.25	
69407	19	20	Si	br		W									0.18	CHIP MIX. GREY CLAY COATING
69408	20	21	Si	br		W									0.21	BLOCKY SOFT CHIPS
69409	21	22	Si	br		W		1							0.21	HEM ON CHIP EDGES
69410	22	23	Si	br		W		1							0.21	
69411	23	24	Si	br		W									0.22	
69412	24	25	Si	br		W									0.2	
69413	25	26	Si	br		W									0.23	
69414	26	27	Si	br		W									0.25	ALL THESE INTERVALS ARE SOFT SI COVERED IN BROWN STICKY CLAY. QUICK DRILLING
69415	27	28	Si	br		W									0.24	
69416	28	29	Si	br	fo	w									0.32	
69417	29	30	Si	br	fo	W									0.31	SLIGHTLY BLOCKY
69418	30	31	Si	br	fr	W									0.22	
69419	31	32	Si	rbr	fr	W									0.3	
69420	32	33	Si	br		W									0.31	
69421	33	34	Si	ltbr	fr	W									0.3	

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69422	34	35	SI	ltbr	fr	W									0.3	
69423	35	36	SI	br		W									0.23	STILL SOFT STICKY CLAY COATED CHIPS
69424	36	37	SI	brgy	fr	WT									0.31	SHARP CHANGE IN CHIP HARDNESS, OXIDATION. TR CHL, SILICA??
69425	37	38	SI	guy		T					1				0.28	BLOCKY HARD CHIPS WITH WK CONCHOIDAL FRACTURE
69426	38	39	SI	gy	fo	T					1				0.31	WEAKLY FOLIATED, BUT OTHWERWISE AS ABOVE
69427	39	40	SI	gngy	fr	T		1							0.4	
69428	40	41	SI	gybr	frfo	T									0.22	
69429	41	42	SI	gygn		T									0.27	?TRACE SERICITE?
69430	42	43	SI	gngybr		T		1							0.4	VARIABLE CHIPS; RELATIVELY FRESH
69431	43	44	SiSw	gybr		T									0.35	VERY FINE Sw
69432	44	45	SiSw	brgy	fo	TF					1				0.32	
69433	45	46	SiSw	gygnbr	fr	TF									0.38	?MINOR CLAY CONTAMINATION?
69434	46	47	SwSI	gygn	fd	TF									0.34	
69435	47	48	SwSI	gygn	fd	TF									0.37	IS EITHER COARSE SI, OR VFGRAINED Sw
69436	48	49	SI	brgy	fr	T									0.33	
69437	49	50	SI	brgy		TF									0.32	
69438	50	51	SI	brgy	fr	F									0.36	
69439	51	52	SiSw	gngy		F		1							0.39	MINOR CHL IN Sw (OR COARSE SI) CHIPS. END OF DRILLING FOR TODAY.
69440	52	53	SI	gngy		F		1							0.46	END OF DRILLING FOR TODAY 31 MAY99
69441	53	54	SI	gngy	fd	F		1			1				0.37	DRILLING RESUMED 1 JUNE 1999.
69442	54	55	SI	brgn	fd	F		1			1				0.43	HARD, MOD SILICN.
69443	55	56	SiSw	brgn	fdmd	F		1			1				0.48	BROWN-GREEN SLST/WACKE.
69444	56	57	SI	brgn	fd	F		1			1				0.76	CHLORITIC; WEAKLY SILICIFIED.
69445	57	58	SI	brgn	fd	FT		1			1				0.5	SIMILAR.
69446	58	59	SI	gybr	fd	F		1			1				0.42	
69447	59	60	SI	gnbr	fd	F		1			1				0.28	REGIONAL CHLORITISATION.
69448	60	61	SI	brgy	fd	FT		1			1	1			0.58	RED HEM ON SOME FRACTURES.
69449	61	62	SI	brgy	fd	F		1			1	0.5			0.56	
69450	62	63	SI	dkbr	fd	F		1			1				0.5	FINE TO VERY FINE SILIC'D SLST.
69451	63	64	SI	dkbr	fd	F		1			1				0.49	DRILL PRODUCES GREENISH POWDERS FROM REGIONAL CHLORITE.
69452	64	65	SI	dkbrgn	fd	F		1			1				0.39	SAME.
69453	65	66	SI	dkbr		FT		1			1				0.39	MINOR YELLOW FeOx ON SOME CHIPS.
69454	66	67	SI	dkbr	fd	FT		1			1				0.42	DITTO.
69455	67	68	SI	dkbr		F		1			1				0.35	FLATTISH TO HACKLY CHIPS.
69456	68	69	SI	dkbrgn	fd	FT		1			1				0.39	MINOR YELLOW FeOx.

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69457	69	70	SI	dkbrgn		FT		1			1				0.38	SAME.
69458	70	71	SI	dkbr	fd	FT		1			1				0.31	SAME.
69459	71	72	SI	dkbrgn	fd	F		1			1				0.38	
69460	72	73	SI	dkbrgn		F		1			1				0.45	COMPOSED OF DARK BR BANDS & DARK GREEN BANDS.
69461	73	74	SI	dkbr	fd	F		1			1				0.43	
69462	74	75	SI	dkbr		F		1			1				0.32	
69463	75	76	SI	dkbr	fd	FT		1			1				0.35	FEW BRIGHT YELLOW SURFACE COATINGS.
69464	76	77	SI	dkbrgy		FT		1			1				0.39	SAME.
69465	77	78	SI	dkbr	fdfo	F		1			1				0.44	SEMI-SHALEY CLEAVAGE.
69466	78	79	SI	dkbr		F		1			1				0.43	
69467	79	80	SI	dkbrgn	fdfo	F		1			1				0.4	BROWN CHIPS & DARK GREEN CHIPS.
69468	80	81	SI	dkbrgn		F		1			1				0.35	DITTO.
69469	81	82	SI	dkbrgn		F		1			1				0.38	DARK BR SILIC'D & CLEAVED SLST.
69470	82	83	SI	dkbr	fdfo	F		1			1				0.36	DITTO.
69471	83	84	SI	dkbr		F		1			1				0.13	
69472	84	85	SI	dkbr	fdfo	F		1			1				0.36	SOME GREENISH CHIPS.
69473	85	86	SI	dkbrgn		FT		1			1				0.28	MINOR YELLOW COATINGS.
69474	86	87	SI	dkbr	fd	F		1			1				0.38	
69475	87	88	SI	dkbr		F		1			1				0.86	
69476	88	89	SI	dkbrgn		F		1			1	1			0.42	FEW WHITE VEIN QTZ CHIPS.
69477	89	90	SI	dkbr	fd	F		1			1				0.43	
69478	90	91	SI	dkbrgn		FT		1			1				0.53	
69479	91	92	SI	dkbr		F		1			1				0.48	
69480	92	93	SI	brdkbr	fd	F		1			1					
69481	93	94	SI	dkbrrd	fd	T	1	1			1	3			0.48	REH HEM ALONG HEALED FRATURS. QTZ.
69482	94	95	SI	dkgygr	fd	F		1			1				0.51	
69483	95	96	SI	dkgybr		F		1			1				0.41	STILL WEAK SILICIFICATION.
69484	96	97	SI	brgy	fd	F		1			1	0.5			0.31	
69485	97	98	SI	brgn	fdfo	F		1			1				0.4	
69486	98	99	SI	brgn	fdfo	F		1			1				0.38	
69487	99	100	SI	dkgnbr	fdfo	F		1			1				0.44	
69488	100	101	SI	dkbrgy	fd	F		1			1				0.42	SOME YELLOW SURFACE COATINGS.
69489	101	102	SI	dkgnbr	fd	F		1			1				0.39	STILL REGIONAL CHLORITE.
69490	102	103	SI	dkbrgn	fd	F		1			1				0.36	
69491	103	104	SI	dkbrgn	fd	F		1			1				0.52	

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69492	104	105	SI	dkgybr	fd	F		1			1				0.51	
69493	105	106	SI	dkbrgy	fd	F		1			1				0.49	
69494	106	107	SI	dkbr	fd	F		1			1				0.48	
69495	107	108	SI	dkbr	fdfo	F		1			1	1			0.58	MINOR WHITE QUARTZ.
69496	108	109	SI	dkbrbk	fd	F		1			1	1			0.54	DITTO.
69497	109	110	SI	dkbrbk	fd	F		1			1	0.5			0.59	
69498	110	111	SI	dkbrbk	fd	F		1			1				0.89	
69499	111	112	SI	bkdbr	fd	F		2			1	1			0.52	INCREASED DARK CHLORITE?
69500	112	113	SI	dkbrbk	fd	F		1			1	1			0.71	
69501	113	114	SI	dkbr		F		1			1				0.71	
69502	114	115	SI	dkbr	fdfo	F		1			1	0.5			0.69	
69503	115	116	SI	dkbr	fdfo	F		1			1	0.5			0.6	
69504	116	117	SI	dkbr	fdfo	F		1			1				0.57	SEMI-SHALE FRACTURE.
69505	117	118	SI	dkbr	fdfo	F		1			1				0.47	SAME.
69506	118	119	SI	dkbrgr	fdfo	F		1			1				0.84	
69507	119	120	SI	dkbrgr	fd	F		1			1				0.75	DARK BROWN & DARK GREEN CHIPS.
69508	120	121	SI	dkbrgr		F		1			1				0.57	
69509	121	122	SI	dkbr	fd	F		1			1				0.57	
69510	122	123	SI	dkbrgr		F		1			1				0.5	
69511	123	124	SI	dkbrgr		F		1			1				0.43	
69512	124	125	SI	dkbr	fd	F		1			1	1			0.52	
69513	125	126	SI	dkbrbk	fd	F		1			1				0.55	
69514	126	127	SI	dkgybr	fd	T?		1				3			0.57	FEW FINE HEM VEINS. REDDISH ?SERICITE?
69515	127	128	SI	dkgybr	fd	F		1			1				0.59	
69516	128	129	SI	dkbr	fd	F		1			1				0.65	
69517	129	130	SI	dkbrgr	fd	F		1			1	2			0.62	
69518	130	131	SI	dkbrgr	fd	F		1			1	1			0.7	
69519	131	132	SI	dkbrgr	fd	F		1			1	0.5			0.72	
69520	132	133	SwSh	dkbrgr	fdfo	F		1			1				0.75	FINE WACKE & SHALE.
69521	133	134	SI	dkbr	fd	F		1			1				0.7	
69522	134	135	SiSh	dkbrgr	fdfo	F		1			1				0.56	
69523	135	136	SI	dkbr	fdfo	F		1			1				0.61	
69524	136	137	SiSh	dkgybr	fdfo	F		1			1				0.73	
69525	137	138	SI	dkbrgy	fdfo	F		1			1				0.57	STILL SHOWING WEAK REGIONAL CHLORITE.
69526	138	139	SI	dkbr	fdfo	F		1			1				0.56	SEMI-SHALEY FRACTURE THROUGHOUT THIS UNIT.

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69527	139	140	SI	dkbrgy	fdfo	F		1			1				0.72	
69528	140	141	SiSh	dkbr	fdfo	F		1			1				0.5	
69529	141	142	SiSw	dkgybr	fd	F		1			1				1	SLST/FINE WACKE.
69530	142	143	SiSh	dkbr	fdfo	F		1			1				0.63	
69531	143	144	SI	dkbrgy	fdfo	F		1			1				0.75	
69532	144	145	SI	dkbr	fdfo	F		1			1				0.84	STILL WEAKLY CHLOR'D & SILIC'D.
69533	145	146	SI	dkbr	fdfo	F		1			1				0.88	
69534	146	147	SI	dkbr	fdfo	F		1			1				0.56	SUB-SHALEY FRACTURE.
69535	147	148	SI	dkbr	fdfo	F		1			1				0.5	
69536	148	149	SI	dkbr	fdfo	F		1			1				0.32	SAME.
69537	149	150	SI	dkbr	fdfo	F		1			1				0.46	STOPPED AT PLANNED DEPTH OF 150m. 50mm DIAMM PVC CASING TO BOTTOM.