

Giants Reef Mining NL
7833796N 438406E
Logged by: PGS & BRS

RC Drill Log
Total Depth: 150m
Date Drilled: 30-31 May 1999

Rig: SD1000

Dip: 60 Azimuth: 336 (mag)

Hole No: EXR002
Prospect: Explorer 211
Tenement: EL7636

Reason for hole: Test geophysical anomaly

Sample	From	To	Rock Code	Colour	Texture	Weth	He	Cl	Ti	Do	Si	Qv	Cv	Sulphides	Mag Sus	Description
69238	0	1	OcOs	brbl		W	4								4.49	OVERBURDEN: IRONSTONE RUBBLE & SOFT SAND.
69239	1	2	OcOs	brbl		W	4								9.38	SAME.
69240	2	3	Sl	brybr	fd	W	2								1.95	BEDROCK SLST. SOME HEM, & CLAY.
69241	3	4	Sl	rdybr	fd	W									0.37	SILTSTONE WITH CLAY.
69242	4	5	Sl	rbrye	fd	W									0.28	COLLAR CAVING IN. 150mm PIPE SET TO 5m.
69243	5	6	Sl	rbr		W	1								0.45	GREASY CLAY CHIPS
69244	6	7	Oy	yewh		W									0.24	
69245	7	8	Oy	pkwh		W									0.22	
69246	8	9	Oy	pkwh		W									0.19	
69247	9	10	Sl	rbr	fo	W	1								0.21	MINOR CLAYS
69248	10	11	Sl	rbr		W									0.18	
69249	11	12	SlSw	rbr		W	2								0.27	
69250	12	13	Sl	rbr		W	1								0.23	SOFT CHIPS
69251	13	14	Sl	rbr		W	1								0.27	
69252	14	15	Sl	rbr		W	1								0.26	MINOR WH CLAYS
69253	15	16	Sl	br	fo	W	1								0.24	
69254	16	17	Sl												0.24	
69255	17	18	Sl	orbr		W									0.2	
69256	18	19	Sl	ltbr		W									0.18	A BIT CLAYEY
69257	19	20	Sl	ltbr	la	W									0.2	
69258	20	21	Sl	ltbror	fo	W	1								0.28	
69259	21	22	Sl	br	fr	W	1								0.28	CLAYEY
69260	22	23	Sl	br	fr	W	1					0.1			0.31	
69261	23	24	Sl	br		W									0.28	CLAY COATED
69262	24	25	Sl	rbr	fr	W									0.33	
69263	25	26	Sl	rbr	fo	W									0.35	
69264	26	27	Sl	br		W									0.43	
69265	27	28	Sl	dkbr		W	1								0.29	
69266	28	29	Sl	dkbr	fr	W									0.26	STILL RELATIVELY SOFT CHIPS
69267	29	30	Sl	dkbr		W	1								0.26	
69268	30	31	Sl	dkbbr		W	1								0.26	TRACE HEM ON CHIP FRACS ONLY. MAY BE Mn?
69269	31	32	Sl	brgy		WT	1					0.5			0.32	
69270	32	33	Sl	pubr		W									0.29	SLIGHTLY BLOCKY CHIPS. DIFFERENT TO ABOVE

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69271	33	34	Sl	gybr		T									0.25	
69272	34	35	Sl	brgy		T									0.24	ELONGATE BLOCKY CHIPS
69273	35	36	Sl	gybr	fo	T						2			0.29	
69274	36	37	Sl	gybr	fo	T									0.3	FRESHER THAN PREVIOUS
69275	37	38	Sl	gybr		T									0.31	ALMOST COMPLETELY FRESH, ONLY MINOR FEOX ON SOME FRACTURES
69276	38	39	Sl	gnngy		TF		1							0.32	MINOR COUNTRY CHLORITE?
69277	39	40	Sl	brgy	fofr	TF		1							0.35	
69278	40	41	SlSw	dkgy		TF					1				0.43	
69279	41	42	Sl	dkgygn	fo	TF		2							0.31	
69280	42	43	Sl	dkngn	fo	TF		2							0.34	
69281	43	44	Sl	gybr	fo	TF		1							0.31	LESS FOLIATED, CHLORITIC THAN ABOVE
69282	44	45	Sl	gybr		TF									0.36	SMALL SHALEY CHIPS
69283	45	46	Sl	brgn	frfo	TF									0.32	
69284	46	47	Sl	brgn	fr	TF					1				0.36	
69285	47	48	Sl	gybr		TF					2				0.37	IRREGULAR HABIT; SLIGHTLY SILICEOUS CHIPS
69286	48	49	Sl	gygnbr		TF					1				0.32	
69287	49	50	Sl	gnbr		TF		2							0.25	MAY BE COUNTRY CHLORITE
69288	50	51	Sl	gnbr		TF		2							0.31	
69289	51	52	Sl	ltgnbr		TF		2							0.33	
69290	52	53	Sl	dkgnbk		TF		4							0.39	STRONG CHL
69291	53	54	Sl	dkngny		TF	1	4				3			0.47	MIX OF CHL & OTHER MICAS
69292	54	55	Sl	dkgnbl	f	TF		4				1			0.47	
69293	55	56	Sl	dkgnbk		TF		4							0.62	
69294	56	57	Sl	dkngny		TF		3				1			0.57	
69295	57	58	Sl	dkgnbk		TF	1	4				2			0.81	HEM SELVEDGE AROUND QTZ VEINING.
69296	58	59	Sl	gnbk		FT	1	3							0.54	HEAVY SAMPLE.
69297	59	60	Sl	dkgnbk		FT		4							0.4	
69298	60	61	Sl	dkgnbl	fo	FT		5							0.44	
69299	61	62	Sl	dkbkgn	fo	FT		5							0.5	
69300	62	63	Sl	brbe	fo	FT		2	1	1					0.11	CHIP MIX, BUT LOOKS A BIT TALCOSE, DOLOMITIC
69301	63	64	Sl	bkgnb	fo	F		3	2						0.25	CHIP MIX
69302	64	65	Sl	dkgy	fo	F		3	1			3			0.45	
69303	65	66	Sl	dkgy		F		1			1	3			0.57	

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69304	66	67	Sl	gybk	fr	F					2	7			1.33	BUCKY QTZ, UNIFORM BLACKISH CHIPS, ?MAY HAVE DISSEM HEM???
69305	67	68	Sl	gybk		F					2	2			0.92	AS ABOVE, BUT MINOR BEIGE CHIPS (<1%)
69306	68	69	Sl	bkggy	la	F					1	5			1	
69307	69	70	Sl	gybk		FT						1			0.72	TR LIMONITE CLAY ? CONTAMINATION?
69308	70	71	Sl	gybk		F						5			0.81	
69309	71	72	Sl	gybk		F					1	2			0.71	
69310	72	73	Sl	gybk		F					1	0.5			0.91	
69311	73	74	Sl	gybk	la	F						2			1.05	
69312	74	75	Sl	gybk		F	1					1			0.89	
69313	75	76	Sl	gybk		F	1					1			0.69	
69314	76	77	Sl	dkgybr	fr	F	1					2			0.82	GASH QTZ VEINING WITH BUCKY WH QTZ; FRESH HEM ON FRACTURES
69315	77	78	Sl	dkgybk		F	1	2				5			0.85	SOME CHIPS ARE QTZ-RICH
69316	78	79	Sl	dkgybk		F		1				0.5			0.87	
69317	79	80	Sl	dkgybk		F	2					5			1.48	SOME LOOSE SPEC HEM
69318	80	81	Sl	dkgybr		F	2					10			1.62	DISSEM HEM IN SI & HEM XTALS IN QTZ
69319	81	82	Sl	gybk	fr	F	3					25			2.6	STRONG SPEC HEM IN QTZ & SI
69320	82	83	MiQv	gybk		F	5					20			3.35	FAIRLY LIGHTWEIGHT SAMPLE FOR MI?
69321	83	84	MiSl	gybk		F	4	1				30			3.24	
69322	84	85	Sl	gybk		F	3					2			1.78	HEM-RICH SI
69323	85	86	Sl	dkgybk		F	1					2			2.59	
69324	86	87	Sl	dkgy		F	2					7			3.1	LOOSE SPEC HEM
69325	87	88	Sl	dkgybk		F	2	1				20			3.69	
69326	88	89	MiSl	dkgybk		F	3					20			2.98	
69327	89	90	Mi	dkgybk		F	4					5			1.38	
69328	90	91	Mi	dkgybk		F	4		1			20			2.86	?TRACE TALC?
69329	91	92	Sl	dkbrgy		F	2					5				GASH QTZ VEINING
69330	92	93	Sl	dkbr		F	1					1			2.35	
69331	93	94	Sl	dkbr		F	2					0.5			1.06	
69332	94	95	Sl	dkbr		F	1	1				10			0.92	SPECKS OF CHL IN QTZ & ON CHIP EDGES
69333	95	96	Sl	dkbr		F	2	1				2			0.39	
69334	96	97	Sl	dkbr	fr	F	1					2			0.83	
69335	97	98	Sl	dkbr	fr	T						3			1.43	FEON ON FRACTURES. ?FAULT?
69336	98	99	Sl	dkpubr		F		1							0.6	

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69337	99	100	Sl	dkbr		F	1					1			0.81	
69338	100	101	Sl	dkbrbk		F	1				1				0.95	END OF DRILLING FOR 30 MAY 1999
69339	101	102	Sl	dkbrbk	fd	F						1			0.46	START OF DRILLING 31 MAY 1999.
69340	102	103	Sl	dkgybr	fd	F									0.56	
69341	103	104	Sl	dkbrgy	fd	F									0.58	
69342	104	105	Sl	dkbrgy	fd	T						1			0.69	BROWN HEM ON SOME FRACTURES.
69343	105	106	Sl	dkbrgr	fd	T		1				2			1.01	A LITTLE, CHLORITE WITH THE QTZ.
69344	106	107	Sl	dkbrgy	fd	F		1				3			1.08	SAME.
69345	107	108	Sl	dkbrgr	fd	F						1			0.36	SOME DARK GREEN (REGIONAL CHLORITE) BANDS.
69346	108	109	Sl	dkbrgr	fd	F						1			0.5	SHOWS A WEAK CLEAVAGE.
69347	109	110	Sl	dkbrgn		F						1			0.53	
69348	110	111	Sl	dkbr	fd	F						2			0.79	
69349	111	112	Sl	dkbr	fd	F		1				15			0.67	MINOR CHLORITE ON THE QUARTZ VEINS.
69350	112	113	Sl	dkbrgr	fd	F		1				7			0.91	SAME.
69351	113	114	Sl	dkbr		F		1				2			0.31	DITTO.
69352	114	115	Sl	dkbr		F									0.77	WEAKLY DEVELOPED CLEAVAGE IN THIS UNIT.
69353	115	116	Sl	dkbr		F									0.62	
69354	116	117	Sl	dkbr	fd	F									0.46	
69355	117	118	Sl	dkbr		F									0.65	
69356	118	119	Sl	dkbr		F									0.52	
69357	119	120	Sl	dkbr	fd	F									0.37	SAME.
69358	120	121	Sl	dkbr	fd	F									0.44	SAME. HARD DARK BR SLST.
69359	121	122	Sl	dkbr		F									0.57	
69360	122	123	Sl	dkbr	fd	F						8			1.06	WHITE QTZ, TRACE CHLORITE.
69361	123	124	Sl	dkbrgn		F						2			0.68	
69362	124	125	Sl	dfkbr	fd	F									0.8	
69363	125	126	Sl	dkbr		F									0.26	
69364	126	127	Sl	dkbr		F									0.6	
69365	127	128	Sl	dkbrgn		F		1				1			0.65	
69366	128	129	Sl	dkbr	fd	F						1			0.65	FEW LIGHT GREENISH CHIPS.
69367	129	130	SlSw	dkbr	fd	F						1			0.87	SLST/FINE WACKE.
69368	130	131	Sl	dkbr	fd	F									0.61	
69369	131	132	SlSw	dkbrgr	fd	F		1				1			0.36	

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69370	132	133	Sl	dkbrgn		F									0.48	FEW GREENISH BANDS.
69371	133	134	Sl	dkbrgn		F									0.62	DITTO.
69372	134	135	Sl	dkbr	fd	F									0.57	
69373	135	136	Sl	dkbr		F						2			0.87	
69374	136	137	Sl	dkbr		F									0.67	
69375	137	138	Sl	dkbr		F						1			0.26	
69376	138	139	Sl	dkbr		F									0.56	
69377	139	140	Sl	dkbrgn		F						1			0.93	
69378	140	141	SlSw	dkbr		F									0.82	
69379	141	142	Sl	dkbr		F						1			1.05	
69380	142	143	Sl	dkbr		F									0.86	
69381	143	144	Sl	dkbr		F									0.29	
69382	144	145	Sl	dkbr	fd	F									0.43	
69383	145	146	Sl	dkbr		F									0.58	
69384	146	147	Sl	dkbr	fd	F									0.8	
69385	147	148	Sl	dkbr		F									0.6	
69386	148	149	Sl	dkbr	fd	F									0.54	
69387	149	150	Sl	dkbr		F									0.3	EOH 150m: NO REAL CHANGE OVER LAST 50m.