COMPANY: Beaconsfield Gold N.L.
PROJECT: Beaconsfield Mine
HOLE NUMBER: B 18

Commenced:	07 July 1993
Completed:	01 Sept 1993
Logged By:	L.A.Newnham
Drilled By:	D.D.T. (Harvey)

Purpose of Hole

To test the Tasmania Reef at R.L.1400, approx. midway between B11 and A 6.
The hole was the first in a program of 5 holes designed to acquire greater knowledge of the Reef resource between 1600 RL (lowest mine level) and 1400RL.

Comments on Completion

Tasmania Reef interpreted to occur between 649.2-653.2m and averaged 57.3 g/t Au over an estimated true width of 2.5m and an estimated horizontal width of 2.9m. A narrow FW reef assayed 11.5 g/t over 0.2m (ETT) and was separated from main reef by 10m (ETT) Au and As anomalous sediments.

Collar Details

Grid	Northing	Easting	Elevation	Dip	Bearing
AMG	38,609.1	484644.7	2038.7	-89.5	320

Length (m)
699

Hole Size	
To (m)	Size
12	PW
71	HW
110	HQ
699	NQ

Significant Core Loss Zones		
From	To	%Rec.
0.0	71	0.0
84.0	113.0	
218.9	226.9	cavities
424	454	

Hole Condition on Completion

Hall Rowe wedge placed at 236-239m. and B19 ran off wedge at 236m and started coring at 242m.
For hole condition above 236m., see logs of B19 and B 20.

Hole below van Ruth plug at 240m. was clean and open.

Summary of Results

Depth		Recovery	Description	Assays							
From	To	%		Length	Au	Ag	Cu	Pb	Zn	As	S %
649.2	653.2	100	Quartz-Carbonate-Py-Asp.reef with included rafts sst.	4.0	57.37	20	562	1055	2307	7781	4.8
667.9	668.2	100	Quartz- carbonate-pyrite vein	0.3	11.57	8	1832	632	2045	4467	5.5

DOWN HOLE SURVEY DATA

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Depth	Dip	Bearing	Interval		Length	Vertical Distance		Horizontal Distance		Co-ordinates			
(m)		(AMG)	From	To	(D)	D.sin dip	R.L.	D. cos dip (HD)	Cumulative HD	N. distance HD. cos brg.	N. co-ordinate	E. distance HD. sin brg.	E. co-ordinate
COLLAR	-89.5	320					2038.70		0.00		38,609.1		484,644.7
0	-89.5	320	0	13.5	13.5	13.50	2025.20	0.12	0.12	0.09	38,609.2	-0.08	484,644.6
27	-89	320	13.5	39	25.5	25.50	1999.70	0.45	0.56	0.34	38,609.5	-0.29	484,644.3
51	-89.5	320	39	65	26	26.00	1973.71	0.23	0.79	0.17	38,609.7	-0.15	484,644.2
79	-88.5	6	65	91	26	25.99	1947.71	0.68	1.47	0.68	38,610.4	0.07	484,644.3
103	-87	318	91	115	24	23.97	1923.75	1.26	2.73	0.93	38,611.3	-0.84	484,643.4
127	-86	312	115	139	24	23.94	1899.81	1.67	4.40	1.12	38,612.4	-1.24	484,642.2
151	-85.5	323	139	163	24	23.93	1875.88	1.88	6.28	1.50	38,613.9	-1.13	484,641.0
175	-85	320	163	187	24	23.91	1851.97	2.09	8.38	1.60	38,615.5	-1.34	484,639.7
199	-85	310	187	212.5	25.5	25.40	1826.57	2.22	10.60	1.43	38,617.0	-1.70	484,638.0
226	-84	301	212.5	241	28.5	28.34	1798.22	2.98	13.58	1.53	38,618.5	-2.55	484,635.4
256	-83.5	304	241	271	30	29.81	1768.42	3.40	16.97	1.90	38,620.4	-2.82	484,632.6
286	-83.5	305	271	300.5	29.5	29.31	1739.11	3.34	20.31	1.92	38,622.3	-2.74	484,629.9
315	-83.5	299	300.5	324.5	24	23.85	1715.26	2.72	23.03	1.32	38,623.6	-2.38	484,627.5
334	-82.7	299	324.5	349	24.5	24.30	1690.96	3.11	26.14	1.51	38,625.1	-2.72	484,624.8
364	-82.7	303	349	379	30	29.76	1661.20	3.81	29.95	2.08	38,627.2	-3.20	484,621.6
394	-82.7	302	379	409	30	29.76	1631.45	3.81	33.77	2.02	38,629.2	-3.23	484,618.4
424	-82.7	301	409	439	30	29.76	1601.69	3.81	37.58	1.96	38,631.2	-3.27	484,615.1
454	-82.5	302	439	469	30	29.74	1571.95	3.92	41.49	2.08	38,633.3	-3.32	484,611.8
484	-83	293	469	499	30	29.78	1542.17	3.66	45.15	1.43	38,634.7	-3.37	484,608.4
514	-82.5	295	499	529	30	29.74	1512.43	3.92	49.07	1.65	38,636.4	-3.55	484,604.9
544	-82.5	294	529	559	30	29.74	1482.68	3.92	52.98	1.59	98,638.0	-3.58	484,601.3
574	-82.5	295	559	589	30	29.74	1452.94	3.92	56.90	1.65	38,639.6	-3.55	484,597.7
604	-82	292	589	619	30	29.71	1423.23	4.18	61.07	1.56	38,641.2	-3.87	484,593.9
634	-82.2	294	619	654.5	35.5	35.17	1388.06	4.82	65.89	1.96	38,643.1	-4.40	484,589.5
675	-82	292	654.5	687	32.5	32.18	1355.88	4.52	70.41	1.69	38,644.8	-4.19	484,585.3
699	-82	292	687	699	12	11.88	1343.99	1.67	72.08	0.63	38,645.5	-1.55	484,583.7
	0	0	0										

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Description			Core Recovery			RQD			Assays								
From	To		From	To	%	From	To	%	From	To							
0.0	12.0	PW and HW tricone; Yellow and white clays.	0	71	0												
12.0	68.0	HW casing advancer; chips of shale, dark gray-black, graphitic, minor quartz veining;															
68.0	71.0	HW casing advancer; limestone, light gray chips, minor dark gray shale.															
71.0	218.9	**LIMESTONE** grading to **CALCAREOUS SILTSTONE** below 170m. Light to dark gray limestone cut by numerous 1-10mm anastomosing white calcite veins; occassional dark gray- black calcareous-carbonaceous beds; thin (<1mm) carbonaceous stylolites common; blebs and finely disseminated pyrite <1% in limestone, stylolites and carbonaceous beds. Reduced to NQ at 96m. Several narrow breccia zones where angular fragments dark gray limestone up to 20mm set in matrix of calcite:(eg) 102.7-103.7m., 111.4-112.0m 118.0-118.3m, 147.0-147.2m, 155.9-156.1m, 163.3-163.8m 118.5-118.6: Pyrite-calcite veln at 25 CA; Ptygmatic folding of 1-2mm. calcite veins 131-133m. veins approx. 40 CA; Limestone becoming lighter gray with depth, possibly reflecting increase in silt content. Limestone variably leached, with several 0.2-1.0m cavities in 71-130m interval; these account for core loss figures in this zone; Core generally fresh and competent but several joint sets at 10,30,45,70 CA resulting in number of broken zones, especially in darker carbonaceous material; calcite common on joint surfaces; BCA consistent 20-25 in upper part of unit increasing to 40 below 150m	71	73.3	96	103.3	109.3	63									
				79.3	100		111.3	55									
				80.5	100		113.7	33									
				82.3	83		115.3	56									
				84	100		118.3	63									
				87	50		121.3	83									
				89.3	87		124.3	60									
				91.3	90		127.3	80									
				96	100		130.3	66									
				97.6	0		133.3	90									
				100.3	37		136.3	63									
				103.3	73		139.3	77									
				106.3	97		142.3	60									
				111.3	100		145.3	77									
				113.7	54		148.3	80									
				218.9	100		154.3	64									
							157.3	77									
							160.3	66									
							163.3	50									
							166.3	63									
							169.3	16									
							172.3	23									
							175.3	37									
							178.3	40									
							181.3	55									
							187.3	30									
							190.3	55									
							193.3	16									
							196.3	73									
							199.3	27									
							202.3	70									

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From	To		From	To	%	From	To	%	From	To						
71.0	218.9	.....cont.				202.3	204.7	29								
		Below 170m., grading into dark gray calcareous					207.7	53								
		siltstonewith interbedded limestone;					213.4	64								
		170.5-173m: several 5-20mm pink-white carb.					216.4	100								
		veins with open space growth textures; narrow					217.3	0								
		pervasive calcite veins, with common coarse					218.9	93								
		euhedral pyrite:														
		189-198m: several 5-10mm carb-pyrite bedding														
		parallel veins, euhedral pyrite 50-60% of veins.														
		209-209.2m: calcite vein, white coarsely														
		crystalline;														
		212-213.2m: several 10-20mm bedding parallel														
		calcite veins carrying coarse euhedral pyrite;														
		1m. wide broken zones at 172, 204,														
		213m resulting from abundant jointing and														
		bedding plane failure along dark carb. beds;														
218.9	231.5	CALCAREOUS SILTSTONES and	218.9	222	20	218.9	222	7								
		LIMESTONES:		223.6	100		223.6	37								
		Similar to unit above but with a series of		225	29		225.6	0								
		significant cavities;		225.6	66		226.9	23								
		well bedded light gray silty limestones with dark		226.9	56		229.3	54								
		gray-black calcareous material on bedding		231.3	100		231.3	10								
		planes;														
		occassional 2-10mm. calcite veins carrying														
		coarse blebs of euhedral pyrite;														
		significant cavities: 218.9m: 1.6m														
		222.0m: 2 small cavities														
		223.6m: 1.0m														
		BCA uniform 40;														
		core generally broken with most fractures														
		bedding parallel and along joints 70 CA														
231.5	244.5	LIMESTONE:	231.5	244.5	100	231.3	235.3	55								
		Pelletal, massive, light-med. gray limestone;					241.2	25								
		mottled texture in upper section; some narrow					244.2	83								
		fragmental zones : eg.239.3-239.7m;														
		5-20mm calcite veins 45 CA at 45 strike bedding														
		common;														

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From	To		From	To	%	From	To	%	From	To						
231.5	244.5	.....cont. 238.6-239.1: vuggy calcite vein 20 CA filled with *large clear calcite crystals*; pyrite common as coarse aggregates, veinlets, fine disseminations throughout- 2-3% but some narrow intervals to 5% eg. 233.9-234.3m *BCA consistent 45; core generally competent but* broken zone 237.5-240.3m; fractures parallel bedding and joints 70 and 20 CA;														
244.5	310.0	**INTERBEDDED LIMESTONES AND CALCAREOUS SILTSTONES:** gradational with unit above; light gray limestones interbedded with darker gray calcareous siltstones *Siltstone component increases down unit and* becomes the dominant unit by 310m; more massive limestone beds are stylolitic and occassionally fragmental eg. 289.2-289.6m and *293.3-293.6m; fragments commonly pyrite rimmed*; calcite veins 2-10mm common, at steep angle to bedding; 1-2% pyrite throughout on fractures, coarse aggregates and disseminated; common in stylolites; narrow (0.5-1mm) pyritic stylolites common in limestonefrom 309-310m; BCA consistent 40-45; core quite competent; several joint sets at 10,30, 70 CA, generally coated with calcite; most fracturing bedding parallel and on joints at 30 and 70 CA; broken zones 247-250 , 292-293m.	244.5 253.3 256.3 292.3	253.3 256.3 292.3 295.3 310.3	100 93 100 97 100	244.2	247.3 252.1 256.3 259.3 262.3 266.9 271.3 274 277 283 286.3 289.3 292.3 295.3 297.3 299.8 302.5 307.3 310.3	63 17 62 40 70 50 60 48 27 69 43 77 22 54 30 76 48 85 57								
310.0	338.3	**SILTSTONES with MINOR INTERBEDDED LIMESTONES:** dark gray-black well bedded calcareous siltstones with numerous 10-50mm light gray limestone interbeds; occassional 5-10mm white crosscutting calcite veins; fine dissem. pyrite <1% in both siltstones & limestones- diminishing towards base of unit;	310.3 312.1	312.1 338.3	94 100	310.3	312.1 314.6 319.3 322.3 329.7 335.3 340.3	44 88 72 90 80 60 20								

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au					As
310.0	338.3	.....cont. Competent ground, especially below 312m; BCA consistent 40; Occassional joints 30 and 70 CA; most breaks in core are driller breaks; most fracturing bedding parallel on shaley partings; broken qtz-calcite vein 311.7-312.1m														
338.3	342.8	**BROKEN SILTSTONE and LIMESTONE:** Interbedded gray siltstone and light gray limestone; erratic bedding; Start of unit marked by 20cm breccia with gray limestone fragments set in white calcite matrix; Unit very broken; bedding variable 0-45 CA; several crushed clayey zones; jointing at 20, 45 *and 70 CA;*	338.3	340.3 342.1	95 94	340.3	342.8	10								
342.8	343.6	**QUARTZ-CARBONATE-SULFIDE VEIN:** Massive white quartz, cream carbonate, and several angular blocks of calcareous siltstone; Approx. 30 CA; Fine pyrite and coarser arsenopyrite 2-3%, especially in carbonate rich sections; very broken, with fractures generally parallel to vein margin;	342.1	345	96	342.8	347.3	0	342.9	343.7	0.345					6540
343.6	354.0	**SILTSTONE:** gray, fine grained siltstone, calcareous in part, interbedded with light gray limestone; Minor 5-10mm. qtz-calcite veins 70 bedding; also random network very fine <1mm calcite veins; 10cm. black pyritic rubble- pug-carb breccia zone at 352.2m; Generally broken core, with breaks parallel to bedding and on calcite coated joints at 20, 45, 70 CA; BCA 40 - 45;	345	354	100	347.3	350.8 351.7 361.1	20 0 35								
354.0	402.8	**INTERBEDDED SILTSTONES and HEMATITIC LIMESTONES:** Gradational with unit above but higher limestone component; interbedded light gray limestones and dark gray hematitic limestones	354	402.8	100	361.1	361.4 370.2 372.3 382	0 18 57 38								

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From	To		From	To	%	From	To	%	From	To						
354.0	402.8	.....cont														
		sparse 5-10mm. qtz-carb veins, 70 CA and 70 to bedding; abundance increasing down hole;				382	383.4	29								
							386.2	64								
		thicker limestone beds are stylolitic;					388.3	29								
		occassional specs pyrite throughout;					392.6	72								
		399-399.5m: carb. breccia zone parallel to bedding; dark gray carbonate fragments in cream					395.1	17								
							397.2	33								
		calcareous matrix;					402.1	20								
		competancy of rock improving but still quite broken;														
		bedding consistent 40-45 CA;														
		Most fracturing along shaley bedding planes;														
		Several joint sets: 30, 45, 70 CA; calcite common on joint surfaces;														
402.8	403.4	FAULT ZONE	402.8	424.6	100		404.1	30								
		Dark gray pug and sheared siltstone; carbonate and siltstone fragments in pug breccia;														
403.4	570.0	INTERBEDDED SILTSTONE and LIMESTONE:	424.6	426.9	43	404.1	409.3	35								
		Thick monotonous sequence of interbedded dark gray non calcareous siltstones, lighter gray calcareous siltstones and light gray - white stylolitic limestones:		444.2	100		416.9	80								
				445.2	80		420.5	55								
				463.8	100		426.9	14								
				454.8	70		430.2	42								
		thin (<5mm) qtz- carbonate veins common at high angle to bedding;		570	100		438.3	0								
							449.7	15								
		rare disseminated pyrite;					461.4	52								
		proportion of limestone decreases down unit, and only minor thin beds below 430m;					466.5	18								
							471.8	36								
		BCA consistent 40-45;					483.3	63								
		some competent units but core generally broken, particularly along thin soft clayey shale beds;					494.8	30								
							505.4	22								
		several joint directions: 20-30 and 45 CA; joints commonly calcite coated;					510.6	40								
							519.4	6								
		442.3-442.4: calcite filled brecciated sandstone veln, sub parallel bedding;					530.2	26								
							541.9	35								
		siltstone beds generally very broken, more so than limestones and calc. siltstones;					548.1	68								
							560.2	50								
		becomes more competent below 450m, but still					565.8	4								

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From	To		From	To	%	From	To	%	From	To						
403.4	570.0	.....cont. occassional broken zones 2-5m. wide alternating with more competent intervals; 463.2-468.4: very broken unit with thin pug seams parallel to bedding; numerous joint directions, often calcite coated which appears to alter to soft greasy coating (talc?), attributing to weakness on joint and bedding planes; below 510m. gradual increases to approx 1% fine disseminated pyrite in all rock types; pyrite decomposes on exposure to reddish iron oxide deposit on core surface; number of qtz-carb. veins increasing below 540m.: 1-10mm. wide, 70 CA and almost perpendicular to bedding, occassionally containing coarse dissem pyrite; occassional 2-10cm. dark gray shale beds after 525m; these shaley beds are very broken, especially along bedding surfaces which are typically graphitic;				565.8	571.3	40								
570.0	610.7	**LIMESTONE and CALCAREOUS SILTSTONE:** gradational with unit above; light gray-white massive limestone interbedded with darker gray calcareous siltstone, and minor thin dark gray siltstone and shale beds; approx. 1% fine grained disseminated pyrite throughout ; some thin limestone beds have brecciated appearance, with dark green-black ?chloritic matrix; narrow (20cm) bedding parallel limestone breccia at 577.3m; BCA consistent 40; core very competent with most fractures being driller fractures, occassional bedding parallel fractures in thin shaley partings; sparse 1-5mm. calcite veins healing fractures but no qtz-carb. veins in this unit;	570	610.7	100	571.3	577.2 589.6 601.6 613.6	69 80 81 72								

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From	To		From	To	%	From	To	%	From	To	Au g/t	Ag	Cu	Pb	Zn	As
610.7	611.3	**QUARTZ-CARBONATE (SULFIDE) VEIN:**														
		Quartz has bluish appearance suggesting	610.7	611.3	100				610.6	611.3	0.019					164
		some fine grained arsenopyrite;														
		contains fragments light gray siltstone and														
		calcareous siltstone;														
		minor (<2%) pyrite as disseminations and														
		blebs:														
		unit very broken with thin clay seams;														
611.3	649.2	**CALCAREOUS SILTSTONE AND**														
		LIMESTONE:	611.3	649.2	100	613.6	625.8	82	648.2	649.2	1.13					186
		Gray medium grained calcareous siltstone					638.4	84								
		with narrow interbedded coarse grained white					644.5	74								
		limestone; becoming less calcareous towards					649.7	50								
		base of unit;														
		numerous microfractures randomly orientated														
		and calcite filled;														
		several qtz-carb veins, <10cm;														
		611.5: 2 cm. qtz-carb vein parallel bedding;														
		623.7: 2 cm.smoky qtz-carb vein at 20 CA;														
		only minor (<1%) dissem. pyrite throughout;														
		BCA consistent 40-45;														
		core very competent, most breaks are driller														
		breaks; joint surfaces typically calcite coated;														
		from 648 siltst.becomes darker, more fractured;														
		cut by a network dark gray-black veinlets														
		<1mm (chlorite?); coarse blebs pyrite common														
		and occassional thin carb. veinlets														
										These Au assays were Fire						
										assays on a 50g split sample						
649.2	653.2	**QUARTZ-SULFIDE FAULT ZONE:**	649.2	653.2	100	649.7	654	7	649.2	650.2	105	28	851	1451	3189	4366
		(TASMANIA REEF):							650.2	651.3	12.3	<9	958	1501	1644	3097
		649.2 - 649.6: strongly fractured quartz-pyrite							651.3	651.9	1.76	16	77	289	638	626
		vein cut by thin 1-2mm carbonate veins;							651.9	652.6	32.8	25	122	426	665	2929
		minor arsenopyrite and trace chalcopyrite;							652.6	653.2	57.4	25	354	1082	5638	19500
		pyrite 3-5%;									Au	Sb	Bi	S%		
		core very broken but good recovery;									Screen Fire Assay					
		649.6 - 651.4: quartz-conglomerate, dark gray,							649.2	650.2	106.63	41	5	4.8		
		silicified, highly fractured, and mineralised;							650.2	651.3	13.43	36	3	5.45		
		qtz. pebbles cut by thin qtz. veins which are							651.3	651.9	1.41	6	<1	1.05		
		cut by later random network of 1-2 mm cream							651.9	652.6	39.66	20	<1	2.3		
		carb. veins;							652.6	653.2	132.46	83	<1	10.7		
		pyrite 5-10% as veins, blebs and dissem.														

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	Ag	Cu	Pb	Zn	As
		...649.6-651.4 cont..... minor chalco. and arsenopyrite; pyrite dominate in dark gray interstitial material and predates veining; core very broken; 651.4 - 651.9: mineralised and veined dark gray sandstone; abundant quartz and qtz-carb. veins (1-2mm) cut by later 1-5mm carb veins; coarse euhedral pyrite in siltstone and veins; 651.9 - 653.2: intensely fractured quartz vein, cut by cream carb. veins <1mm: coarse dissem. pyr. 2 - 5%; 1mm smeared fragments gold at 652.6m:															
653.2	667.9	**VEINED CONGLOMERATE AND SANDSTONE: (FW stockwork zone):** Interbedded dark gray conglomerate and dark gray sandstones cut by intense network white qtz. and cream qtz-carb. veins; coarse euhedral and finer dissem pyrite 1-2% in cong. groundmass, sandstone and in both generations veins- gradually decreasing down unit; 657.2: 20mm carb breccia with frags. dark sandst. in cream carb matrix: 658.2: massive pyr. selvages on margins of 20mm. carb veln: 661.9-662.7: qtz vein with large frags sandst, 25 CA, cut by later vuggy cream carb veining with vugs containing sec. carb. indicating sig. water flows ?; some sections of sandst. cut by characteristic stylolitic veins infilled with carb- pyr; unit reasonably competent but some sections very broken;	653.2	667.9	100	654	659	30	653.2	654.2	0.431					528
							663.4	18	654.2	655.2	0.328					1395
							675.6	68	655.2	656.2	0.526					75
									656.2	657.2	0.333					88
									657.2	658.2	1.73					219
									658.2	659.2	2.4					300
									659.2	660.2	0.07					237
									660.2	661.2	0.292					88
									661.2	662.2	1.33					91
									662.2	663.2	0.44					256
									663.2	664.2	1.36					220
									664.2	665.2	0.221					94
									665.2	666.2	0.073					77
									666.2	667.2	0.15					52
									667.2	667.9	0.237					91
667.9	668.1	**CARBONATE-QUARTZ-PYRITE VEIN (FW Reef):** Cream- light brown qtz-carb veln, 5-10% dissem.							667.9	668.2	19.5 Au (SFA 11.57	8 Sb 44	1832 Bi 2	632 S 5.5	2045	4467

COMPANY: Beaconsfield Gold N.L.
PROJECT: Beaconsfield Mine
HOLE NUMBER: B 18

Description			Core Recovery			RQD			Assays							
From	To		From	To	%	From	To	%	From	To	Au	Ag	Cu	Pb	Zn	As
667.9	668.1	.....cont. pyrite; vein approx. 45 CA.with qtz. FW selvedge;	667.9	668.1	100											
668.1	699.0	**CONGLOMERATE-GRIT-SANDSTONES:** Interbedded dark gray sandstone, thin pebble conglomerates, thin cream carbonate beds and speckeled grits; pebbles in cgl. beds are rounded white qtz; grit beds consist of creamy calcareous grit set in dark gray fine grained non-calc groundmass; cut by frequent 1-20mm qtz-carb veins, with random orientation; pyrite 1-2% throughout in grit and cong. groundmass, carb. beds and in qtz-carb. veins; density of qtz-carb. veins and amount of pyrite not as great as in unit 653-667.9m, but is still significant. Sandstones cut by characteristic graphitic stylolitic fractures carrying pyrite and carb. BCA 35-40; Generally competent ground , hard in places, and containing some broken zones after 680m; joints dominantly bedding parallel but also 30 and 60 CA and along stylolites; typically coated with coarse re-crystall. carb. and pyrite; occassional 1-2 cm. breccia zones in sandstones with sst. fragments embedded in qtz-carb. groundmass eg. 664.9, 669.5, 675, 695.9, 698.8m; END OF HOLE	668.1	699	100	675.6	687.3	49	668.2	669.3	0.129					72
							693	38								
							699	28	670.1	671.1	0.019					<50
									688.6	689.6	1.42					482
									695.8	696.8	0.01					80