27806

Hole No. CERL4	Depth 58 m
Scale 1:	Project Gowrie Park - Cethana East
By Rob Reid	Section 21700E
Date 30-1-97	Collar co-ords 21700 mE 3064 mN RL
Page 1 of 2	Az. 193° G M -60 Incl. TOFR ~34m

Depth From	To	Mean Grainsize (Mud 0.5 2 8 32)	~~Max Clast~~ &Structure	Description	Atributes: Ser	Ch	Sil	Carb	Py	Hal	Gal	Hm	Mt	Fe	Cu, Pb, Zn, Fe, Mn
0	1			grey soil (Sandy)											
1	2	dominantly Owen Conglomerate derived		grey/tan soil c̄ com/pale/pk subrounded qtz-sst (Owen) frags & milky qtz.											
2	3			lt/dk bn clay c̄ tan & com/pk " "											
3	4			lt bn, c̄ AA + gn fylng chlorite FV frags.											
4	5			" c̄ com qtz-sst frags & pk/purple hematitic qtz-sst (Owen Cong derived)											
5	6			com/tan c̄ combination of 4-5 & 3-4mm & milky qtz (tr)											
6	7			" c̄ com q-sst & com FV frags.											
7	8			grey/tan clay c̄ AA											
8	9	dominantly FV derived		tan c̄ rounded com q-phe FV & cleaved grey/black F Volc sltst/shale frags											
9	10			tan, AA c̄ milky qtz frags (tr)											
10	11			tan, AA											
11	12	dominantly Owen Cong derived		com qtz-sst (Owen) & abundant milky vn-qtz											
12	13			AA											
13	14			grey/tan clay, AA											
14	15	FV derived		buff, tan q-phe FV, rounded + milky vn-qtz, end of overburden											
15	16			com/v pale gn fylng q-phe FV											
16	17			AA c̄ transkcent/milky vn-qtz									1		26,77,21,0.5
17	18			AA "									1		
18	19			com fg felsic Volc siltstone c̄ milky vn-qtz									1		
19	20			tan fylng q-phe FV c̄ reddish-tan FeOxide frags (50%)										50	
20	21			tan fg felsic Volcaniclastic siltstone											24,145,161,2.10,5.5
21	22			AA with weak Fe stain											
22	23			AA c̄ minor q-phe mg F volc sst, pk hm stain tr/w								tr			
23	24			com/tan fylng q-phe F volc sst											
24	25			AA, c̄ some frags weakly silicified, others sericitised, milky qtz & ch vnd	tr	tr	tr						0.5	1	15,169,92,0.85,97
25	26			AA,											
26	27			AA pk/milky qtz-vnd									0.5	1	
27	28			AA									tr		
28	29			AA									tr	tr	14,109,75,0.65,94
29	30			AA weakly sil frags c̄ pk hm stain			w?					w			
30	31			AA,											
31	32			AA,											
32	33			com/tan q-phe FV c̄ bn to O frags										10	

Hole No. CERC14	Depth 58 m
Scale 1 :	Project Gaurie Park - Cellana East
By Rob Reid	Section 21700E
Date 30/1/97	Collar co-ords 21700mE mE 3064 mN S RL
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Depth From	To	Mean Grainsize (Mud 0.5 2 8 32)	Max Clast & Structure	Description	Ser	ch	Sil	carb	Py	gal	sph	hm	qtz	Fe	Cu, Pb, Zn, Fe, Mn
33	34			TOFR; lt grey, fg-mg q-phe FV											20,176,269,1.34,65
34	35		wf	lt grey (fg), AA, ch flecks tr,		tr									
35	36			AA		tr									
36	37			AA											15,86,470,0.61,89
37	38			AA ē [illegible] frags [illegible] 10%											
38	39		contam?	[illegible]					1			tr	1		
39	40	py frags		AA, ē [illegible]					<0.5			tr			
40	41			lt [illegible] FV [illegible]	[illegible]										12,102,241,0.47,31
41	42	ser(u/m)		lt gn mg q-phe FV, milky un-qtz, tr ch rich frags	[illegible]	tr							1		
42	43			AA	[illegible]	tr							1		
43	44			AA (4% pk sil-hm? frags (50%)	[illegible]	tr									
44	45	Jasper? py(tr) hm(n/s)	Exhalative horiz?	lt gn & pk fg FV, ē relict bn fg Jasper? frags, steely grey flecks (tr) (gal?), frag	W		[illegible]		tr	tr?		n/s			8,78,178,0.69,18
45	46			AA no Jasper	W		[illegible]					n/s			
46	47			cont lt gn & tan fg-mg FV, variably frags + milky qtz, grey q-phe silicified frags (2%)	[illegible]		W							1	9,128,199,1.36,670
47	48		wf	lt gn & grey fg-mg FV, ē grey silicified frags & sericitized frags	[illegible]		W								
48	49	gal ± py	wf	lt gn & grey fg-mg FV, disseminated gal & ± py, MS frags to 1cm (py)	M				<1	1					72,[illegible],1370,2.72,1[illegible]
49	50		wf	AA, sil-ch & sil-gal frags; gal (dss)	m	tr	W		tr	<0.5					[illegible],510,530,2.13,1[illegible]
50	51		wf	AA, sil-gal frags, milky un-qtz,	[illegible]		W		<0.5	0.5				2	12,400,820,2.82,1[illegible]
51	52		wf	AA, " , fg py aggregate frags <0.5%,	[illegible]		W		0.5	0.5				1	[illegible],309,690,2.52,92[illegible]
52	53		wf	AA "	W		W		tr	<0.5					13,[illegible],1.39,7[illegible]
53	54		wf	AA, fg py aggregate frags (tr), milky qtz-wnd, grey sil frags (4%), ch flecks (tr)	[illegible]	tr	W		tr	tr				3	12,[illegible],2.08,[illegible]
54	55		wf	AA, " , pk sil-hm frags (tr), " , " , gal dss	[illegible]	tr	W		tr	<0.5		tr			12,880,480,1.80,1[illegible]
55	56			AA grey sil frags 2%	[illegible]	tr	W			tr					14,163,500,1.59,960
56	57			AA " , fg py aggregates (tr)	[illegible]	tr	vw		tr	tr					9,128,480,2.05,11[illegible]
57	58			AA translucent to transparent un-qtz	[illegible]		vw		tr	tr?				5	6,212,790,1.31,80[illegible]
58	59														
59	60														
60	61														
61	62			EOH @ 58m											
62	63			Very slow penetration											
63	64			high water pressure											
64	65														

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