

278069

| Hole No. CERC 5 | | Depth 66 m | | | | | | | | | |
|-------------------------|-----------------------------------|---|---|------------|----|----|---|---|---|----|--|
| Scale 1: By Rob Reid | | Project Gouvie Park - Cethana East | | | | | | | | | |
| Date 31-1-97 | | Section 21600E (~3060N) | | | | | | | | | |
| Page 1 of 2 | | Collar co-ords AMG 430880 mE 5407654 mN | | | | | | | | | |
| | | AZ. 193 G M -60 Incl. RL TOFR ~55m | | | | | | | | | |
| Depth From To | Mean Grainsize Mod. 0.5 2 8 32 | Max-Glast & Structure | Description | Attributes | | | | | | | |
| | | | | Ser | ch | SI | Q | W | P | Fe | |
| 0 1 | 0 0 0 | | Sub fluvial cover & frags of q-pk mg FU & milky qtz. Rm. sub angular to rounded | | | | | | | | |
| 1 2 | 0 0 0 | | AA | | | | | | | | |
| 2 3 | 0 0 0 | | AA | | | | | | | | |
| 3 4 | 0 0 0 | | AA | | | | | | | | |
| 4 5 | 0 0 0 | | AA | | | | | | | | |
| 5 6 | 0 0 0 | | AA | | | | | | | | |
| 6 7 | 0 0 0 | | AA = milky qtz (40%) | | | | | | | | |
| 7 8 | 0 0 0 | | AA | | | | | | | | |
| 8 9 | 0 0 0 | | Con sim to above, frags of by com. Volc. siliceous & qtz-rich F volc sst + milky qtz (5%) | | | | | | | | |
| 9 10 | 0 0 0 | | AA | | | | | | | | |
| 10 11 | 0 0 0 | | AA | | | | | | | | |
| 11 12 | 0 0 0 | | AA | | | | | | | | |
| 12 13 | 0 0 0 | | AA | | | | | | | | |
| 13 14 | 0 0 0 | | Sub granitic congl. with abn. of F Volc qtz-sst | | | | | | | | |
| 14 15 | 0 0 0 | | AA m-94 10% | | | | | | | | |
| 15 16 | 0 0 0 | | Con fluvial cover, frags of poorly q-pk Rm, F Volc q-sst, quartzite, mag. qtz | | | | | | | | |
| 16 17 | 0 0 0 | | AA FU dominated. | | | | | | | | |
| 17 18 | 0 0 0 | | AA " | | | | | | | | |
| 18 19 | 0 0 0 | | AA | | | | | | | | |
| 19 20 | 0 0 0 | | Like sim to above = br. quartz frags. | | | | | | | | |
| 20 21 | 0 0 0 | | AA | | | | | | | | |
| 21 22 | 0 0 0 | | As for 15 to 18m | | | | | | | | |
| 22 23 | 0 0 0 | | AA, rounded frags continue max clast 2.5 x 1.5cm. | | | | | | | | |
| 23 24 | 0 0 0 | | AA | | | | | | | | |
| 24 25 | 0 0 0 | | AA = am q-pk FU & gn. sinterised q-pk FU. | | | | | | | | |
| 25 26 | 0 0 0 | | Tan AA, FeO stained. | | | | | | | | |
| 26 27 | 0 0 0 | | qtz & Tan AA | | | | | | | | |
| 27 28 | 0 0 0 | | AA | | | | | | | | |
| 28 29 | 0 0 0 | | Con tan & frags (sub rounded) of am q-pk FU, tan & q-pk qtz-sst + milky m-qtz. | | | | | | | | |
| 29 30 | 0 0 0 | | AA sim FU dominated | | | | | | | | |
| 30 31 | 0 0 0 | | AA | | | | | | | | |
| 31 32 | 0 0 0 | | AA | | | | | | | | |
| 32 33 | 0 0 0 | | As for 28-29m PK qtz-sst (50%). | | | | | | | | |

Recent Fluvial / Alluvial Cover

| Hole No. CERC 5 | | Depth 66 m | | | | | | | | |
|---|----------------------------------|---|--|------------|-----|------|----|-----|-----|----|
| Scale 1: By Rob Reid Date 1-2-97 Page 2 of 2 | | Project Gowrie Park - Cerkow East Section 21600E (~3060N) Collar co-ords ANG 430880 mE 5407654 mN RL Az. 193°G M -60 Incl. | | | | | | | | |
| Depth From To | Mean Grainsize Mod 0.5 2 8 32 | Max-Glast & Structure | Description | Attributes | | | | | | |
| | | | | Scratch | Sil | carb | py | gal | py | |
| 33 34 | | | tan of sil-ss frags, milky un-ol (2%), pk km-sil frags (1%) | | | | | | | 2 |
| 34 35 | | | tan AA, locally g-phc, trace qb-ss (contamination) | | | | | | | |
| 35 36 | | | AA sil-ss frags (1%) | | | | | | | 10 |
| 36 37 | | | contamination, along qb-phc & V of matrix in ground frags (20%) | | | | | | | 10 |
| 37 38 | | | tan of g-phc PV, milky un-ol, trace other contamination | | | | | | | 1 |
| 38 39 | | | AA oven contamination 5% | | | | | | | |
| 39 40 | | | tan of g-phc PV, trace pk km-sil frags | | | | | | | 1 |
| 40 41 | | | AA sil-ss frags 1% | | | | | | | 1 |
| 41 42 | | | AA, translucent un-ol (tr), pk km stain (tr) | | | | | | | 1 |
| 42 43 | | | AA | | | | | | | 1 |
| 43 44 | | | AA | | | | | | | 1 |
| 44 45 | | | AA | | | | | | | 1 |
| 45 46 | | | AA | | | | | | | 1 |
| 46 47 | | | AA | | | | | | | 1 |
| 47 48 | | | thin on g-phc PV, chloride as black & green, weak Fe stain | W | W | | | | | 1 |
| 48 49 | | | crustlike AA | | | | | | | 1 |
| 49 50 | | | thin on AA, ch as black & white, milky qb tech un-ol | W | W | | | | | 1 |
| 50 51 | | | " AA " pk hematite frags | W | W | | | | | 1 |
| 51 52 | | | like tan, sil-ss PV, 3% FeO frags, | ? | W | | | | | 10 |
| 52 53 | | | tan AA, qb tech un-ol (1%) | | W | | | | | 1 |
| 53 54 | | | tan AA, translucent qb-ch un-ol (1%) | | W | | | | | 1 |
| 54 55 | | | thin on AA, ~TOFR contamination (2%) | W | | | | | | 3 |
| 55 56 | | | thin on AA | W | W | | | | | 1 |
| 56 57 | | | thin on AA | W | W | | | | | 1 |
| 57 58 | | | AA | W | W | | | | | 1 |
| 58 59 | | | thin on AA, sil-ph-py altered (di. phase replacement) contam (tr) | W | W | W | | 2 | tr | |
| 59 60 | | | AA, gal dss & paint on foliation surfaces (dss assoc with sil) (contam 3%) | W | W | W | | tr | 0.5 | |
| 60 61 | | | " " sil-ch-gal un-ol & diffuse zones (no contam) | W | W | W | | 0.5 | | 2 |
| 61 62 | | | AA AA | W | W | W | | 0.5 | 0.5 | |
| 62 63 | | | AA, AA reddish-brown sp-hal (tr) contamination (1-2%) | W | W | W | | 0.5 | 0.5 | |
| 63 64 | | | AA, sil-ch-gal-py un-ol (tr) " (tr) | W | W | W | | tr | tr | |
| 64 65 | | | AA " (tr) py dss (tr) " (30%) | W | W | W | | tr | tr | |
| 65 66 | | | AA, dss py & gal (tan 3% in some frags) " (20%) | W | | | | tr | tr | |

0.08%

gal on fol pairs
is bright & pure
suggests
remobilised?

18: grains
py & gal in
11 lines washed
of sample bag.

gal *

at

- penetration ...