

164027

| GRAPHIC CORE LOG |                                  |                          |       | Hole No. PHRC - 1               |  | Depth 80.0 m |  |
|------------------|----------------------------------|--------------------------|-------|---------------------------------|--|--------------|--|
| Scale 1:200      |                                  |                          |       | Project PEACED HILL             |  | EL 9/86      |  |
| By W. HERDMANN   |                                  |                          |       | Section                         |  |              |  |
| Date 5 JULY 1997 |                                  |                          |       | Collar co-ords ~9440 E ~10397 N |  | RL           |  |
| Page 1 of 2      |                                  |                          |       | Az. 0° 347 °M                   |  | Incl. -60°   |  |
| Depth m          | Mean Grainsize Mud 0.5 2 8 32 mm | Max. clast φ & Structure | Altn. | QTZ %                           | Description of chips                                   |              |  |
| 0                | tan                              | Sl. fissile              | Wd    | <5                              | M.g. (micaceous) Qtz SANDSTONE, weathered.             |              |  |
|                  | "                                | "                        | "     | 10                              | " " "  |              |  |
|                  | "                                | fissile                  | "     | 0                               | " " "  |              |  |
| 4                | reddish tan                      | "                        | "     | 1                               | " " "  |              |  |
|                  | "                                | "                        | "     | 1                               | " " "  |              |  |
|                  | tan grey                         | "                        | "     | 1                               | F.g. micaceous qb SST - SILTSTONE                      |              |  |
|                  | "                                | "                        | "     | 1                               | " micaceous SILTSTONE                                  |              |  |
| 8                | buff grey                        | "                        | "     | 1                               | " micaceous pelitic-sandy SILTSTONE                    |              |  |
|                  | "                                | fissile                  | fract | 1                               | " much of sample is powdery                            |              |  |
|                  | "                                | "                        | "     | 1                               | " Suspect laminated psammopelite                       |              |  |
|                  | "                                | "                        | "     | 5                               | " " " }  |              |  |
| 12               | orange tan                       | "                        | "     | 10                              | F-m.g. micaceous SANDSTONE                             |              |  |
|                  | buff grey                        | "                        | Wd    | 1                               | Fest. SST and grey pelitic SILTSTONE                   |              |  |
|                  | "                                | "                        | "     | 5                               | F.g. pelitic SILTSTONE                                 |              |  |
|                  | buff                             | "                        | "     | 5                               | Fe stained SANDSTONE                                   |              |  |
| 6                | "                                | "                        | "     | 15                              | " " & milky Qtz } SAME RECOVERY ~30% (Blow inner tube) |              |  |
|                  | buff                             | "                        | "     | 2                               | " " " }  |              |  |
|                  | Brown                            | massive                  | "     | 10                              | Fe stained m.g. SANDSTONE 10% milky v. Qtz             |              |  |
|                  | "                                | "                        | "     | 5                               | " " " 5% " "   |              |  |
| 20               | "                                | "                        | "     | 5                               | " " " " " "  |              |  |
|                  | "                                | "                        | "     | 5                               | " " " " " "  |              |  |
|                  | "                                | "                        | "     | 5                               | " " " 5% clear Qtz                                     |              |  |
| 24               | "                                | "                        | "     | 1                               | " " SANDSTONE and pelitic SLST.                        |              |  |
|                  | "                                | "                        | "     | 1                               | " " " " " "  |              |  |
|                  | "                                | "                        | "     | 10                              | " " M.g. SANDSTONE 10% milky Qtz.                      |              |  |
|                  | "                                | "                        | "     | 1                               | " " " " " "  |              |  |
| 8                | "                                | "                        | "     | 2                               | " " " " " "  |              |  |
|                  | "                                | "                        | "     | 1                               | " " " SANDSTONE + SILTSTONE                            |              |  |
|                  | "                                | "                        | "     | 2                               | " " " " 2% milky Qtz                                   |              |  |
| 32               | "                                | "                        | "     | 1                               | " " " " " "  |              |  |
|                  | "                                | "                        | "     | 2                               | Fe stained m.g. SANDSTONE 2% milky Qtz                 |              |  |
|                  | "                                | "                        | "     | 1                               | " " " " " "  |              |  |
|                  | "                                | "                        | "     | 1                               | " " " " " "  |              |  |
| 28               | "                                | "                        | "     | 10                              | " " " SST + SLST 10% milky Qtz                         |              |  |
|                  | "                                | "                        | "     | 5                               | " " " " 5% " "   |              |  |
|                  | "                                | "                        | "     | 1                               | " " " " " "  |              |  |
| 40               | "                                | "                        | "     | 1                               | " " " " " "  |              |  |
|                  | "                                | "                        | "     | 2                               | " " " SANDSTONE 2% milky Qtz                           |              |  |
|                  | "                                | "                        | "     | 2                               | " " " SST + SLST " "                                   |              |  |
|                  | "                                | "                        | "     | 2                               | " " " SANDSTONE " "                                    |              |  |
|                  | "                                | "                        | "     | 2                               | " " " " " "  |              |  |
| 852512           | "                                | "                        | "     | 1                               | " " " " " "  |              |  |
|                  | "                                | "                        | "     | 5                               | " " " " 5% clear Qtz                                   |              |  |
| 48               | "                                | "                        | "     | 1                               | " " " SANDSTONE + SLST. -                              |              |  |

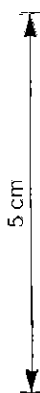
5 cm

852501  
852502  
852503  
852504  
852505  
852506  
852507  
852508  
852509  
852510  
852511  
852512

| GRAPHIC CORE LOG |                                  |                          |          | Hole No. PH RC-1    |   | Depth |  | m  |  |
|------------------|----------------------------------|--------------------------|----------|---------------------|---|-------|--|----|--|
| Scale 1:         |                                  |                          |          | Project Peaked Hill |   |       |  |    |  |
| By               |                                  |                          |          | Section             |   |       |  |    |  |
| Date 5 July 1999 |                                  |                          |          | Collar co-ords      |   | E     |  | N  |  |
| Page 2 of 2      |                                  |                          |          | Az.                 |   | °G    |  | °M |  |
| Depth m          | Mean Grainsize Mud 0.5 2 8 32 mm | Max. clast φ & Structure | Airt.    | Quartz %            | Description   |       |  |    |  |
| 48               | brown                            | massive                  | (wd)     | 10                  | M.g. quartzitic SANDSTONE, fest. 10% milky Qtz              |       |  |    |  |
|                  | "                                | "                        | "        | 10                  | " " " " 10% milky Qtz                                       |       |  |    |  |
| 52               | "                                | "                        | "        | 20                  | " " " " 20% " "   |       |  |    |  |
|                  | "                                | "                        | "        | 5                   | " " " " 5% " "  |       |  |    |  |
| 56               | "                                | "                        | "        | -                   | " " " " "   |       |  |    |  |
|                  | "                                | "                        | "        | -                   | " " " " "   |       |  |    |  |
| 60               | Buff-grey                        |                          | ~        | -                   | Fest. m.g. quartzitic (ms) SST and lensar grey pelitic SLST |       |  |    |  |
|                  | "                                | Bedding                  | facies   | -                   | " " " " "   |       |  |    |  |
|                  | Brown                            | massive                  | ~        | -                   | m.g. micaceous-quartz SANDSTONE                             |       |  |    |  |
|                  | Tan                              | sl. fissile              | ~        | -                   | " " " " "   |       |  |    |  |
| 64               | "                                | "                        | ~        | 1                   | fg-mg. " " " " minor pelitic SLST                           |       |  |    |  |
|                  | Buff                             | "                        | -        | 1                   | " " " " " "   |       |  |    |  |
|                  | Tan                              | massive                  | -        | -                   | Fe stained mic. qtz SANDSTONE                               |       |  |    |  |
| *W               | [Minor water ingress in hole]    |                          |          | -                   | " " " " " powder sample ex pellets?                         |       |  |    |  |
| 68               | Brown                            | bedded?                  | wd       | -                   | " " " " SANDSTONE and grey pelitic SLST                     |       |  |    |  |
|                  | "                                | "                        | "        | -                   | " " " " " " " " " "   |       |  |    |  |
|                  | "                                | "                        | "        | -                   | " " " " " " " " " "   |       |  |    |  |
|                  | "                                | "                        | "        | -                   | " " " " " " " " " "   |       |  |    |  |
| 72               | "                                | "                        | "        | -                   | " " " " " " " " " "   |       |  |    |  |
|                  | "                                | massive                  | "        | -                   | " " " " " " " " " "   |       |  |    |  |
|                  | Tan                              | fissile                  | Semi-fid | -                   | fg. gray pelitic SILTSTONE                                  |       |  |    |  |
|                  | Buff-grey                        | "                        | "        | -                   | Grey pelitic SILTSTONE and m.g. qtz SANDSTONE               |       |  |    |  |
| 76               | "                                | "                        | "        | -                   | " " " " " " " " " "   |       |  |    |  |
|                  | Buff-tan                         | "                        | "        | -                   | " " " " and weathly Fe stained SST.                         |       |  |    |  |
|                  | "                                | massive                  | "        | -                   | Weathly Fe stained qtz SST, minor pelitic SLST.             |       |  |    |  |
| 80               | Buff                             | "                        | "        | -                   | " " " " " " " " " "   |       |  |    |  |
|                  | Buff-Tan                         | "                        | "        | -                   | " " " " " " " " " "   |       |  |    |  |

SAMPLE NO.

852513  
852514  
852515  
852516  
852517  
852518  
852519  
852520



main soil