

borehole no:  
92-7

sheet | of |

# engineering log — cored borehole

File No. 04.001

project: CHANNEL HIGHWAY  
TAROBNA INCLINOMETER

borehole location: INCLINOMETER SITE I92-11

hole commenced: 30/3/92  
hole completed: 30/3/92  
supervised by: I BOOTH  
log checked by: HK Tam

drill model and mounting: GEMCO 210D + TRAILER slope: VERT deg.  
barrel type and length: HATT 2 2.65m fluid mud bearing: deg.

R. L. surface: m  
datum: STATE Driller G BAKER

| drilling information |           |       | rock substance |  |            | rock mass defects   |                         |   |
|----------------------|-----------|-------|----------------|--|------------|---------------------|-------------------------|---|
| method               | case-lift | water | depth<br>m     | substance description<br>rock type: grain characteristics,<br>colour, structure, minor components. | weathering | strength<br>ls (50) | defect<br>spacing<br>mm | defect description<br>thickness, type, inclination, planarity,<br>roughness, coating.<br>particular general |
|                      |           |       | 2.0            | GRAVEL: DOLOMITE, EW, FINE,<br>brown clayey<br>CLAY: high plast, green,<br>gravelly                |            |                     |                         | - Shoulder material   |
|                      |           |       | 4.0            | DOLOMITE: MED-COARSE grained<br>grey   | FR<br>EW   |                     |                         | Slip plane between<br>DOL/clay highly polished<br>@45°  |
|                      |           |       | 6.0            | : EW, granular<br>appearance   |            |                     |                         |   |
|                      |           |       | 8.0            | : MED-COARSE, green-<br>grey   | MW<br>EW   |                     |                         | Bending 45°   |
|                      |           |       | 10.0           | : coarse grained, blue<br>grey   | FR         |                     |                         |   |
|                      |           |       | 12.0           | CLAY: med plast, granular<br>app, yellow brown<br>MUDSTONE/COAL: black<br>& organic material       |            |                     |                         | Numerous highly polished<br>Slip Surfaces 30-50°<br>Organic material fossilised<br>leaves,                  |
|                      |           |       | 14.0           | : grey   |            |                     |                         | highly polished slip<br>surfaces.<br>(Sandstone-like)   |
|                      |           |       | 16.0           | : black,<br>: Sand bands up to 5cm<br>END BH 92-7<br>@ 15.25m                                      |            |                     |                         | Nb. No core was retrieved,<br>material was identified by<br>disturbed samples                               |

|                      |   |   |   |  |
|----------------------|---|---|---|--|
| <b>key</b><br>method | case-lift<br>   casing used<br>H barrel withdrawn<br>water<br>10 Oct, 73 water level<br>date shown<br>water inflow<br>partial drilling water loss<br>complete drilling water loss | graphic log/core loss<br>core recovered<br>(hatching indicates material)<br>no core recovered | weathering<br>Fr — fresh<br>SW — slightly weathered<br>MW — moderately weathered<br>HW — highly weathered<br>EW — extremely weathered | strength<br>(indirect tensile strength)<br>EL — extremely low<br>VL — very low<br>L — low<br>M — medium<br>H — high<br>VH — very high<br>EH — extremely high |
|----------------------|---|---|---|--|