

TANTARUS BUTTE 1972 DIAMOND DRILLING.

D.D.H. C-72-1

HOLE 1 drilled at +10° from about 12622N
10238E at about 176°

CONGLOMERATE ⊕ | minor sandstone at 2', 6', 60', 71', 90', 100' and 137'
0-138' | 138'-141' missing

SANDSTONE | cross bedding in sandstone in places.
141-154'

SHALE 1 | coaly shale occurs at 169 and 172; coal lumps at 174-175
154-203 | black shale 176, 163; and sandstone 179-186
black shale occurs 191'
- poor recovery near end probably missing coaly shale -

TANTALUS BUTTE 1972 DIAMOND DRILLING

DD.H. C-72-2

HOLE 2. drilled at +10° from about 12222N
10300 E at about 260°

FINE GRAINED SANDSTONE | gradational changes from siltstone to shale
0-25'± | with shale at 3' and 14'; pebbles at beginning

SHALE | crumbly black shale varies to grey silty shale; prominent
25'-46' | siltstone 38-43'; minor conglomerate at 44'

CONGLOMERATE. | chert pebble conglomerate with pebbles about 1" varying to
46'-163' | pebbly sandstone at 54', 57'; sandstone occurs at 92', 135', 147' and 156'
(163-168) LOSTCORE — possible fault zone —

SHALE. | varies from grey fine sandstone to coal; probable loss of core
168-218 | coaly shale very friable and coal in minor crumbly pieces; sandstone at 171'
coaly shale 179, lost core/coal 179-181, coal 181, sandstone-coaly shale 184'
184' change in core size — possible fault??

CONGLOMERATE. | medium grained conglomerate with soft zones; crumbly
219-281' | conglomerate 276' (fault?); sandstone 266-268'; ground core (fault?) 219'

PEBBLY SANDSTONE. | medium to fine conglomerate varying to coarse sandstone
281-305' | good conglomerate at 287', 297', 300'

FINE CONGLOMERATE. | homogeneous fine conglomerate possibly ending in shale
305-346' | ((this may be contamination due to overflow
of the badly weathered crumbly shale in adjacent
boxes))