B. O. C. OF AUSTRALIA LTD.

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DEPT. NAT. RES & ENV
PE603416

STRATIGRAPHIC LOG

well name: GOLDEN BEACH No. 1
location:
latitude 38° 15' 30.5"
longitude 147° 25' 21"
DATUM: GUIDE BASE: Approx. 7[illegible] ft. below sea level
elevation: .... gnd, ... K.B.
spud date 3 April, 1967
date of rig release 2nd May 1967

LEGEND

LITHOLOGIC SYMBOLS

0 – 1260

ROCK TYPES

LIMESTONE
Bioclastic or Fragmental
Predominantly mollusks
" algal
" coral
" stromatoporoid
" bryozoa
" foraminifera
" crinoid
Lithographic
Cryptocrystalline
Microcrystalline
Chalky
Earthy
DOLOMITE
MARL, limy
MARL, dolomitic
MARLSTONE
DOLOSTONE

ANHYDRITE
GYPSUM

SALT

SHALE, grey
SHALE, dark grey
SHALE, very dark grey
SHALE, black
SHALE, light grey & coloured
SHALE & LIME, interbedded
COAL or LIGNITE

SILTSTONE
SANDSTONE
SANDSTONE, large round grains
GREYWACKE
CONGLOMERATE
GRANITE WASH
ARKOSE

IGNEOUS, basic
IGNEOUS, acidic
VOLCANIC
METAMORPHIC

fold here

COMBINATIONS AND ACCESSORIES

Silty
Sandy
Arkosic
Argillaceous
Shaly
Calcareous or limy
Dolomitic
Limestone streaks
Dolomite streaks
Oolitic

Pseudo oolites or pellets
Oolicastic
Anhydritic
Gypsiferous
Fossils
Bentonite, bedded
Bentonitic
Glauconitic
Salt casts

Pyrite
Chert, light and dark
Chert, tripolitic
Chert, sandy and oolitic
Siliceous
Nodules, ironstone, hematite
Nodules, limy & dolomitic
Nodules, phosphatic
Quartz, crystals & geodal
Calcite crystals

POROSITY: type; amount;
ϕ oolitic — G good (>15%)
X crystalline — F fair (10-15%)
g granular — P poor (5-10%)
f fracture — T trace (<5%)
e earthy
v vuggy

FLUORESCENCE:
% — % of sample fluorescing
colour — colour of fluorescence
cut — strength of solvent cut
st = strong
md = moderate
wk = weak
tr = trace

ENGINEERING DATA:
casing seat
cored interval
D. S. T. interval

ROUNDING
A angular
SA sub-angular
SR sub-rounded
R rounded

SORTING
G good
M moderate
P poor

MATRIX TYPE
C calcareous
S silicious
d dolomitic
K kaolinitic
O other

REMARKS

548 – 625 Ls wh, biocl / Bry frags mnr Forams, sl glau, qtzs and Musc.

625 – 640 Sd yel to lt brn, cons ~~free~~ / yel stn thru fracs.

640 – 660 Ls wh, biocl / Bry frags, some Forams, sl glau, qtzs and Musc.

660 – 700 Intbd Ls and Marl
Ls wh, biocl / Bry frags, mnr Forams sl glauc and Musc.
Marl lt, brn / intbd ls, num fos frags / mnr qtz grs

700 – 850 Marl lt gy / num Bry [illegible], mnr Forams, cors, Mols, sl glau and qtzs

850 – 1240 Ls / Mnr Marl.
Ls wh, biocl / Bry frags, Forams and Mols.
Marl lt gy, fos

1240 – 1260 Marl, light grey with Bry. fragments and Forams throughout.

T.D. 1266