

DRILLING SUMMARY

CORE SECTION	DEPTH (BELOW SURFACE)	LENGTH OF CORE RECOVERED	DESCRIPTION	CORE RECOVERY %	DRILLING PROCEDURE
1	1127' 0" - 1128' 6"	8/18"	Micaceous marl	44.5	N. Core barrel + diamond bit from surface - high water pressure
2	1128' 6" - 1141' 0"	—	—	NIL	N. Core barrel + calix bit from surface - high water pressure
3	1141' 0" - 1146' 6"	5 1/16"	Grey limestone (hard band)	8.3	N. Core barrel + diamond bit - from shaft bottom. Water pressure low.
4	1146' 6" - 1152' 0"	—	—	NIL	N. Core barrel + diamond bit dry blocking.
5	1152' 0" - 1153' 2"	6/14"	Fragmented marl	43	N. Core barrel + calix bit dry blocking
6	1153' 2" - 1155' 0"	5/22"	Fragmented marl	23	N. Core barrel + calix bit without core catcher - dry blocking.
7	1155' 0" - 1158' 6"	9/42"	Shaly marl	21.5	Bx casing + diamond bit no core catcher - dry blocking
8	1158' 6" - 1159' 0"	—	—	NIL	Air instead of water circulation
9	1159' 0" - 1162' 6"	—	Loose pyrite nodules	NIL	Coal barrel (in bad ground) + diamond bit.
10	1162' 6" - 1164' 6"	6/24"	Hard band - 1163' impure limestone	25	Bx casing + diamond casing bit (bad ground)
11	1164' 6" - 1173' 0"	28 1/102"	Shaly marl, hard band at 1172'	28	Bx casing + diamond bit
12	1173' 0" - 1181' 0"	—	—	NIL	N. Core barrel
13	1181' 0" - 1186' 0"	48 1/160"	Marl and sandy marl and mudstone.	80	" " "
14	1186' 0" - 1187' 8"	6/20"	Marl	30	" " "
15	1187' 8" - 1191' 0"	5/40"	Marl	12 1/2	" " "
16	1191' 0" - 1195' 10"	20 1/58"	Sandy marl and mudstone	35	" " "
17	1195' 10" - 1198' 3"	7/29"	Sandy marl and mudstone	24	" " "
18	1198' 3" - 1200' 2"	13 1/23"	Sandy marl, soft shaly glauconitic marl	57	N core barrel scoted Bx casing.
19	1200' 2" - 1201' 0"	8/10"	Glauconitic marl followed by 2 1/2' hard glauconitic sandstone	80	Ax core barrel
20	1201' 0" - 1203' 0"	6/24"	Glauconitic sandstone containing oil zones as per sections	25	Core lost and run over Ax barrel
21	1203' 0" - 1205' 0 1/2"	24 1/24 1/2"	" "	98	Ax core barrel
22	1205' 0 1/2" - 1207' 3"	24 1/26 1/2"	" "	90	" " "
23	1207' 3" - 1209' 4"	24 1/25"	" "	96	" " "
24	1209' 4" - 1211' 5"	24 1/25"	" "	96	" " "
25	1211' 5" - 1214' 4"	24 1/35"	" "	69	" " "
26	1214' 4" - 1216' 7"	24 1/27"	" "	89	" " "
27	1216' 7" - 1218' 10"	24 1/27"	" "	89	" " "
28	1218' 10" - 1220' 0 1/2"	14 1/14 1/2"	" "	100	" " "

Note: - 8/18" means 8' recovery in 18" depth of boring.

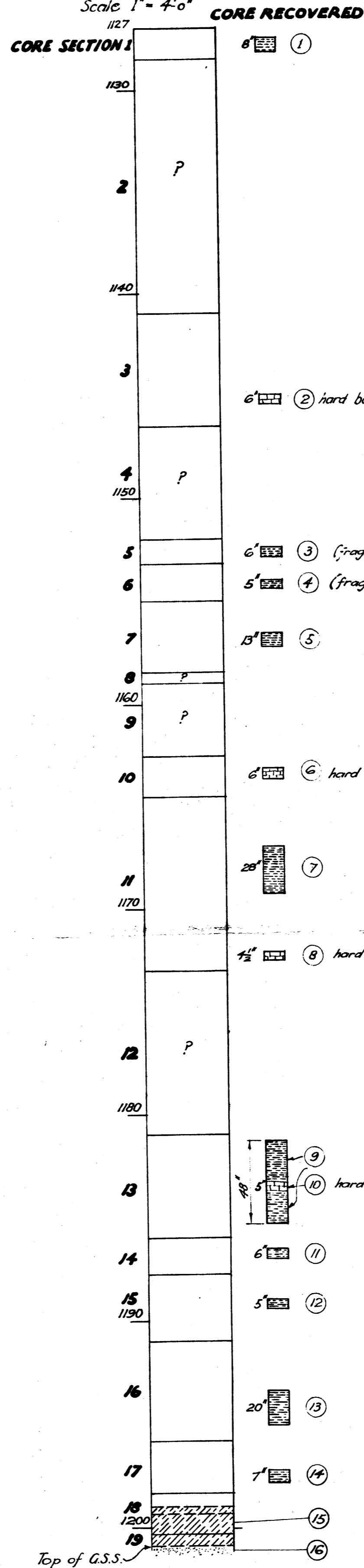
Core recovery in micaceous series = 19% (over 73' 2")

Core recovery in glauconitic sandstone = 82.5% (over 20')

Total core recovery = 33% (over 93')

COLUMNAR SECTION SHOWING CORE RECOVERY FROM DIAMOND DRILL HOLES LAKES ENTRANCE SHAFT

Scale 1" = 4' 0"

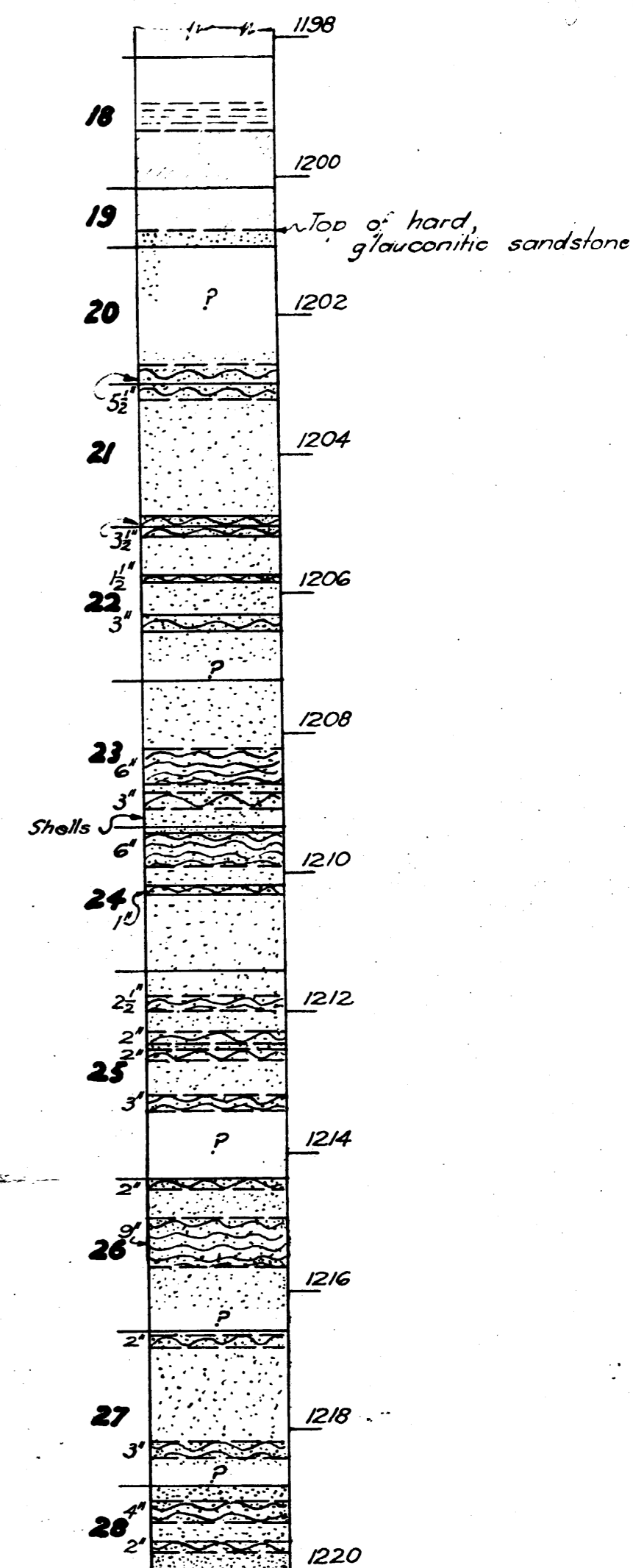


LEGEND

- Micaceous marl and mudstone
- Impure grey limestone
- Glauconitic marl
- Glauconitic sandstone
- Glauconitic sandstone showing oil

COLUMNAR SECTION OF GLAUCONITIC SANDSTONE

Scale 1" = 2' 0"



L. C. NOAKES

Geologist
MINERAL RESOURCES SURVEY
CANBERRA

3-7-1945

