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P814

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

EXXON COMPANY, U.S.A.
16-3 BUCKEYE CELLULOSE CORP.
WILDCAT
FRANKLIN COUNTY, FLORIDA

DATE: 7-23-75
FORMATION: SMACKOVER
DRLG. FLUID: WATER BASE MUD
LOCATION: SECTION 16-65-31W

FILE NO: 2105-0553C
LABORATORY: MOBILE, ALABAMA
ANALYSTS: FIELDS
ELEVATION:

CONVENTIONAL CORE ANALYSIS

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SMP. NO.	DEPTH	PERMEABILITY HORIZ.	MO. VERT.	% POR.	GAS VOL.	PORE OIL	SATS. WTR.	PROD	DESCRIPTION
CORE NUMBER 1 11694-11739 CUT 45 FEET - RECOVERED 32 FEET									
1	11694,0-95,0	<0.01		0.9	0.5	0.0	43.3	(5)	LM GY-BN MICXLN NO ODOR NO FLU
2	11695,0-95,0	0.01		10.5	2.5	0.0	75.7	(5)	LM YLBU FNXLN OOL NODR DLGMIFFLU
3	11696,0-97,0	<0.01		9.3	2.5	0.0	72.3	(6)	LM YLBU VFUXLU STY NODR DGMIFLU
4	11697,0-98,0	<0.01		6.9	1.7	1.5	73.5	(6)	LM YL-BU VFUXLU NODR DULGDMIFLU
5	11698,0-99,0	<0.01		0.9	0.4	5.9	47.1	(5)	LM GY-BN MICXLN NODR DULGDMIFLU
6	11699,0-00,0	<0.01		0.9	0.4	0.0	49.5	(5)	*AS ABOVE*
7	11700,0-01,0	<0.01		0.9	0.5	0.0	46.0	(5)	LM GY-BN MICXLN SHLAM NODR NOFLU
8	11701,0-02,0	<0.01		0.9	0.4	0.0	50.4	(5)	*AS ABOVE*
9	11702,0-03,0	<0.01		0.8	0.4	0.0	53.4	(5)	LM GY-BN MICXLN NO ODOR NO FLU
10	11703,0-04,0	<0.01		0.9	0.4	0.0	49.2	(5)	*AS ABOVE*
11	11704,0-05,0	<0.01		0.8	0.4	0.0	50.5	(5)	*AS ABOVE*
12	11705,0-06,0	<0.01		0.8	0.4	0.0	53.5	(5)	*AS ABOVE*
13	11706,0-07,0	<0.01		0.9	0.4	0.0	50.0	(5)	*AS ABOVE*
14	11707,0-08,0	<0.01		1.2	0.4	9.2	55.1	(5)	*AS ABOVE*
15	11708,0-09,0	<0.01		0.8	0.4	0.0	53.3	(5)	*AS ABOVE*
16	11709,0-10,0	0.10		6.8	1.2	0.0	81.2	(5)	LM BRU-GY FNXLN NO ODOR NO FLU
17	11710,0-11,0	<0.01		2.0	0.5	0.0	75.2	(5)	LM GY-BN MICXLN NO ODOR NO FLU
18	11711,0-12,0	<0.01		1.7	0.6	0.0	54.7	(5)	*AS ABOVE*
19	11712,0-13,0	<0.01		0.9	0.5	0.0	58.5	(5)	*AS ABOVE*
20	11713,0-14,0	0.19		5.5	1.5	0.0	75.5	(5)	LM BRU-GY FNXLN NO ODOR NO FLU
21	11714,0-15,0	0.67		10.9	2.6	0.9	75.1	(5)	LM BRU-GY FNXLN NO ODOR NO FLU
22	11715,0-16,0	0.82		15.1	3.5	1.5	71.8	(5)	LM BRU-GY FNXLN NODR DULGDMIFLU
23	11716,0-17,0	0.52		8.3	1.4	1.2	81.7	(5)	*AS ABOVE*
24	11717,0-18,0	0.14		10.3	2.0	1.0	79.2	(5)	*AS ABOVE*
25	11718,0-19,0	<0.01		5.5	1.0	0.8	85.4	(5)	LM BRU-GY FNXLN STY NODR DGMIFLU
26	11719,0-20,0	<0.01		1.3	0.4	0.0	55.1	(5)	LM GY-BN MICXLN NODR DULGDMIFLU

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

EXXON COMPANY, U.S.A.
15-3 BUCKEYE CELLULOSE CORP.

DATE: 7-23-76
FORMATION: SMACKOVER

FILE NO: 2105-0535C
LABORATORY: MOBILE, ALABAMA

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SMP NO.	DEPTH	PERMEABILITY HORIZ.	MD. VERT.	% POR.	GAS VOL.	PORE OIL	SATS. WTR.	PROB PROD
27	11720,0-21,0	<0,01		1,0	0,6	0,0	43,6	(5)
28	11721,0-22,0	<0,01		1,0	0,6	0,0	43,6	(5)
29	11722,0-23,0	<0,01		0,9	0,4	11,7	46,8	(6)
30	11723,0-24,0	<0,01		2,3	0,7	4,7	60,2	(6)
31	11724,0-25,0	<0,01		4,6	0,9	2,3	77,7	(6)
32	11725,0-26,0	<0,01		1,8	0,9	0,0	48,5	(6)
	11726,0-39,0	LOST CORE						

DESCRIPTION
LM GY-DU MICXLN NODR DULGDMINFLU
'AS ABOVE'
'AS ABOVE'
'AS ABOVE'
'AS ABOVE'
LM GY-BU MICXLN NODR DULGDMINFLU

SMP NO.	DEPTH	PERMEABILITY HORIZ.	MD. VERT.	% POR.	GAS VOL.	PORE OIL	SATS. WTR.	PROB PROD
33	11739,0-40,0	7,50		9,4	1,5	0,6	83,2	WTR.
34	11740,0-41,0	25		11,6	3,1	0,0	73,0	WTR.
35	11741,0-42,0	64		11,0	1,5	0,9	85,3	WTR.
36	11742,0-43,0	8,40		7,5	2,8	0,0	65,2	WTR.
37	11743,0-44,0	45		9,8	2,8	0,5	71,4	WTR.
38	11744,0-45,0	5,20		7,9	1,3	1,3	82,6	WTR.
39	11745,0-46,0	79		13,5	4,3	0,0	68,3	WTR.
40	11746,0-47,0	70		10,3	2,2	1,0	77,9	WTR.
41	11747,0-48,0	23		10,5	2,1	1,0	79,1	WTR.
42	11748,0-49,0	9,40		8,5	2,5	1,2	57,7	WTR.
	11749,0-61,0	LOST CORE						

DESCRIPTION
LM YLBN XLN VUG FRC NODR GMINFLU
'AS ABOVE'
'AS ABOVE'
'AS ABOVE'
'AS ABOVE'
DOL YLGY XLN LMV VUG NODR MINFLU
LM YLBN XLN VUG FRC NODR GMINFLU
'AS ABOVE'
'AS ABOVE'
LM YLBN XLN VUG FRC NODR GMINFLU

SMP NO.	DEPTH	PERMEABILITY HORIZ.	MD. VERT.	% POR.	GAS VOL.	PORE OIL	SATS. WTR.	PROB PROD
43	11761,0-62,0	35		12,7	3,9	0,0	69,0	WTR.
44	11762,0-63,0	677		13,5	1,5	0,4	83,6	WTR.
45	11763,0-64,0	150		11,1	1,6	0,0	85,2	WTR.
46	11764,0-65,0	148		10,7	2,4	0,0	77,6	WTR.
47	11765,0-66,0	13		11,1	1,5	0,0	86,4	WTR.
48	11766,0-67,0	283		5,6	1,1	0,9	73,6	WTR.

DESCRIPTION
LM YLBU XLN VUG FRC NODR GMINFLU
'AS ABOVE'
'AS ABOVE'
'AS ABOVE'
'AS ABOVE'
'AS ABOVE'
'AS ABOVE'

CORE NUMBER 3 11761-11798 CUT 37 FEET - RECOVERED 31 FEET

CORE NUMBER 2 11739-11761 CUT 22 FEET - RECOVERED 10 FEET

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

EXXON COMPANY, U.S.A.
16-3 BUCKEYE CELLULOSE CORP.

DATE: 7-25-75
FORMATION: SMACKOVER

FILE NO: 2105-1055C
LABORATORY: MOBILE, ALABAMA

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SMP NO.	DEPTH	PERMEABILITY HORIZ.	MD. VERT.	% POR.	GAS VOL.	PORE OIL	SATS. WTR.	PROB PROD	DESCRIPTION
49	11767.0-68.0	68		12.8	1.9	0.0	85.1	WTR.	LM YLBU XLN VUG FRC NODR GMTINFLU
50	11768.0-69.0	203		11.2	2.2	0.4	79.7	WTR.	LM YLBU XLN VUG FRC NODR GMTINFLU
51	11769.0-70.0	90		9.8	1.9	0.5	80.5	WTR.	AS ABOVE
52	11770.0-71.0	42		11.8	3.1	0.8	72.9	WTR.	AS ABOVE
53	11771.0-72.0	65		14.1	1.9	0.4	86.2	WTR.	AS ABOVE
54	11772.0-73.0	240		9.0	1.8	0.0	80.4	WTR.	AS ABOVE
55	11773.0-74.0	76		7.2	3.1	0.0	56.7	WTR.	AS ABOVE
56	11774.0-75.0	28		7.2	1.7	0.0	76.1	WTR.	AS ABOVE
57	11775.0-76.0	0.13		8.3	2.5	0.0	71.8	(5)	AS ABOVE
58	11776.0-77.0	29		9.7	2.2	0.0	77.0	WTR.	LM YLBU XLN VUG FRC NODR GMTINFLU
59	11777.0-78.0	96		11.7	2.7	0.0	77.0	WTR.	AS ABOVE
60	11778.0-79.0	197		11.0	1.9	0.0	83.1	WTR.	AS ABOVE
61	11779.0-80.0	302		11.5	3.1	0.4	72.2	WTR.	AS ABOVE
62	11780.0-81.0	182		8.2	1.6	0.0	80.8	WTR.	AS ABOVE
63	11781.0-82.0	341		13.9	2.3	0.7	82.9	WTR.	AS ABOVE
64	11782.0-83.0	283		13.0	2.7	0.0	79.2	WTR.	AS ABOVE
65	11783.0-84.0	180		14.3	3.2	0.0	78.2	WTR.	AS ABOVE
66	11784.0-85.0	9.40		11.3	3.3	0.0	70.7	WTR.	AS ABOVE
67	11785.0-86.0	0.45		15.2	4.5	0.6	69.4	WTR.	LM YLBU XLN VUG FRC NODR GMTINFLU
68	11786.0-87.0	93		12.4	2.3	0.4	81.1	WTR.	AS ABOVE
69	11787.0-88.0	125		12.7	3.5	0.0	72.5	WTR.	AS ABOVE
70	11788.0-89.0	12		12.5	2.2	0.4	81.9	WTR.	AS ABOVE
71	11789.0-90.0	185		13.1	4.0	0.8	68.9	WTR.	AS ABOVE
72	11790.0-91.0	305		12.2	3.5	0.8	71.2	WTR.	AS ABOVE
73	11791.0-92.0	216	LOST CORE	12.5	2.2	0.4	82.0	WTR.	LM YLBU XLN VUG FRC NODR GMTINFLU
74	11798.0-99.0	410	CORE NUMBER 4	15.5	3.5	0.3	76.2	WTR.	LM YL-BU XLN VUGGY NODR GMTINFLU
75	11799.0-00.0	285	11798-11858 CUT 60 FEET - RECOVERED 58 FEET	15.0	3.8	0.3	74.3	WTR.	AS ABOVE

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

EXXON COMPANY, U.S.A.
 # 15-3 BUCKEYE CELLULOSE CORP.

DATE: 7-25-75
 FORMATION: SMACKOVER

FILE NO: 2105-3550C
 LABORATORY: MOBILE, ALABAMA

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SMP NO.	DEPTH	PERMEABILITY HORIZ.	MD. VERT.	% POR.	GAS VOL.	PORE OIL	SATS. WTR.	PROD	DESCRIPTION
76	11800.0-01.0	199		11.8	3.7	0.0	69.0	WTR.	LM YL-BU XLI VUGGY NODR GDMINFLU
77	11801.0-02.0	190		14.7	5.0	0.0	60.1	WTR.	'AS ABOVE'
78	11802.0-03.0	64		11.7	2.6	0.9	76.7	WTR.	'AS ABOVE'
79	11803.0-04.0	68		8.8	1.4	0.0	84.4	WTR.	'AS ABOVE'
80	11804.0-05.0	6.50		12.4	1.5	0.0	87.6	WTR.	'AS ABOVE'
81	11805.0-06.0	33		12.7	2.0	0.4	84.2	WTR.	LM YL-BN XLI VUGGY NODR GDMINFLU
82	11806.0-07.0	77		12.4	2.7	0.4	77.7	WTR.	'AS ABOVE'
83	11807.0-08.0	107		10.6	3.8	0.0	64.5	WTR.	'AS ABOVE'
84	11808.0-09.0	92		8.7	2.7	0.0	69.2	WTR.	'AS ABOVE'
85	11809.0-10.0	139		11.1	2.8	0.0	74.7	WTR.	'AS ABOVE'
86	11810.0-11.0	156		10.0	1.5	0.0	84.9	WTR.	'AS ABOVE'
87	11811.0-12.0	0.10		5.7	1.4	0.0	76.0	(S)	LM YLBN XLI VUG FRC NODR GMINFLU
88	11812.0-13.0	26		15.5	2.3	0.5	84.5	WTR.	LM YLGY XLI VUG FRC NODR GMINFLU
89	11813.0-14.0	46		12.4	4.1	0.0	67.2	WTR.	LM YLBN XLI VUGGY NO ODR GMINFLU
90	11814.0-15.0	9.80		12.4	5.1	0.4	58.8	WTR.	'AS ABOVE'
91	11815.0-16.0	87		8.5	1.9	0.0	77.4	WTR.	'AS ABOVE'
92	11816.0-17.0	40		7.0	2.1	0.0	70.4	WTR.	'AS ABOVE'
93	11817.0-18.0	12		15.0	2.9	0.7	80.2	WTR.	'AS ABOVE'
94	11818.0-19.0	21		14.7	3.0	0.0	79.8	WTR.	LM YLGY FNXLN PPVUG NODR GMINFLU
95	11819.0-20.0	3.40		14.4	4.6	0.0	68.1	WTR.	'AS ABOVE'
96	11820.0-21.0	11		10.7	3.2	0.5	69.3	WTR.	'AS ABOVE'
97	11821.0-22.0	0.50		5.5	2.5	0.0	54.5	WTR.	LM YLBN XLI VUGGY NO ODR GMINFLU
98	11822.0-23.0	19		12.3	2.5	0.8	79.2	WTR.	'AS ABOVE'
99	11823.0-24.0	0.56		13.5	2.0	0.7	84.5	WTR.	'AS ABOVE'
100	11824.0-25.0	2.48		13.2	2.5	0.4	80.9	WTR.	LM YLGY FNXLN PPVUG NODR GMINFLU
101	11825.0-26.0	5.05		15.5	1.9	0.7	87.2	WTR.	'AS ABOVE'
102	11826.0-27.0	7.48		16.5	3.8	0.3	75.7	WTR.	'AS ABOVE'
103	11827.0-28.0	1.39		13.3	1.7	0.4	85.5	WTR.	'AS ABOVE'
104	11828.0-29.0	7.84		17.4	5.2	0.5	69.5	WTR.	'AS ABOVE'
105	11829.0-30.0	18		16.3	4.4	0.6	72.3	WTR.	'AS ABOVE'
106	11830.0-31.0	76		12.7	2.1	0.4	85.5	WTR.	LM YLBN FNXLN VUGGY NODR GMINFLU
107	11831.0-32.0	54		13.8	4.2	0.0	70.0	WTR.	LM YL-BU XLI VUGGY NODR GDMINFLU

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COHE LABOURATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

EXXON COMPANY, U.S.A.,
16-3 BUCKEYE CELLULOSE CORP.

DATE: 7-25-76
FORMATION: SMACKOVER

FILE NO: 2105-0500C
LABORATORY: MOBILE, ALABAMA

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STMP, NO.	DEPTH	PERMEABILITY HORIZ.	MD, VERT.	% POR.	GAS VOL.	PORE OIL	SATS. WTR.	PROB PROD	DESCRIPTION
108	11832.0-33.0	1.41		7.1	1.4	0.0	80.6	WTR6	LM YL-GY VFXLN NO ODOR GLUMIFLU
109	11833.0-34.0	12		13.1	2.4	0.7	80.9	WTR.	LM YLBN XLN VUGGY NO ODOR GMTIFLU
110	11834.0-35.0	5.42		13.0	2.4	0.4	81.0	WTR.	LM YLGY FNXLN PPVUG NODR GMTIFLU
111	11835.0-36.0	18		14.4	2.6	0.3	81.5	WTR.	LM YLGY VFXLN PPVUG NODR GMTIFLU
112	11836.0-37.0	94		15.2	3.4	0.0	77.3	WTR.	LM YLGY FNXLN PPVUG NODR GMTIFLU
113	11837.0-38.0	3.39		13.5	2.2	0.0	83.5	WTR.	*AS ABOVE*
114	11838.0-39.0	29		14.2	2.7	0.7	80.5	WTR.	*AS ABOVE*
115	11839.0-40.0	3.89		12.7	3.0	0.0	75.1	WTR.	*AS ABOVE*
116	11840.0-41.0	7.48		14.8	3.2	0.0	78.5	WTR.	*AS ABOVE*
117	11841.0-42.0	4.40		11.6	2.7	0.9	75.0	WTR.	*AS ABOVE*
118	11842.0-43.0	121		14.7	3.1	1.3	77.9	WTR.	LM YLGY FXLN PPVUG FRC NO DRGMTIFL
119	11843.0-44.0	43		14.4	3.1	0.0	57.7	WTR.	LM YLBN XLN VUG FRC NODR GMTIFLU
120	11844.0-45.0	21		9.6	2.2	1.1	75.0	WTR.	*AS ABOVE*
121	11845.0-46.0	133		9.4	2.1	0.0	77.3	WTR.	LM YLBN XLN VUGGY NO ODOR GMTIFLU
122	11846.0-47.0	0.19		9.0	2.4	0.0	73.6	WTR6	*AS ABOVE*
123	11847.0-48.0	2.63		4.6	1.7	0.0	52.7	WTR.	*AS ABOVE*
124	11848.0-49.0	2.28		8.2	2.3	0.0	72.0	WTR.	LM YLBN XLN VUG FRC NODR GMTIFLU
125	11849.0-50.0	0.07		8.3	1.8	0.0	78.2	WTR.	LM YLBN XLN VUGGY NO ODOR GMTIFLU
126	11850.0-51.0	22		14.1	2.6	0.4	81.0	WTR.	*AS ABOVE*
127	11851.0-52.0	41		11.4	5.0	0.0	55.5	WTR.	*AS ABOVE*
128	11852.0-53.0	18		9.8	2.5	0.5	72.9	WTR.	*AS ABOVE*
129	11853.0-54.0	5.81		6.8	2.5	1.5	52.5	WTR.	*AS ABOVE*
130	11854.0-55.0	23		7.3	1.9	0.0	73.5	WTR.	*AS ABOVE*
131	11855.0-56.0	38	LOST CORE	11.5	3.9	0.0	56.2	WTR.	LM YLBN FNXLN PPVUG NODR GMTIFLU
132	11858.0-59.0	3.99	CORE NUMBER 5	8.0	1.4	1.3	81.5	WTR.	LM YLBN XLN VUGGY N ODOR GMTIFLU
133	11859.0-60.0	0.96	11853-11902	3.9	0.9	0.0	76.4	WTR6	LM YLBN FNXLN PPVUG NODR GMTIFLU
134	11860.0-61.0	9.39	CUT 44 FEET - RECOVERED 44 FEET	5.2	1.3	0.0	76.1	WTR.	*AS ABOVE*

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

EXXON COMPANY, U.S.A.,
15-3 BUCKEYE CELLULOSE CORP.

DATE: 7-25-70
FORMATION: SMACKOVER

FILE NO: 2130-3055C
LABORATORY: MOBILE, ALABAMA

BEST COPY AVAILABLE

SWP, NO.	DEPTH	PERMEABILITY HORIZ,	MD, VERT.	% POR.	GAS VOL.	PORE OIL	SATS, WTR.	PROB PROD	DESCRIPTION
135	11861,0-62,0	0.85		8.1	1.7	0.0	79.5	WTRs	'AS ABOVE'
136	11862,0-63,0	9.39		8.1	2.4	0.0	70.2	WTR.	LM YLBN XLN VUGGY NO ODR GMTNFLU
137	11863,0-64,0	0.54		8.2	1.6	0.0	80.4	WTRs	LM YLBN XLN PVUG NO ODR GMTNFLU
138	11864,0-65,0	42		6.9	1.2	0.0	83.5	WTR.	'AS ABOVE'
139	11865,0-66,0	100		7.9	2.1	0.7	72.3	WTR.	LM YLBN XLN VUGGY NO ODR GMTNFLU
140	11866,0-67,0	124		12.3	2.3	0.8	80.5	WTR.	'AS ABOVE'
141	11867,0-68,0	11		7.5	2.4	0.0	68.5	WTR.	LM YLBN XLN VUGGY NO ODR GMTNFLU
142	11868,0-69,0	5.20		10.7	1.4	0.5	86.2	WTR.	LM YLBN XLN PVUG NO ODR GMTNFLU
143	11869,0-70,0	99		8.4	5.0	0.5	64.0	WTR.	LM YLBN XLN VUGGY NO ODR GMTNFLU
144	11870,0-71,0	44		8.5	2.2	0.5	75.1	WTR.	'AS ABOVE'
145	11871,0-72,0	0.03		5.8	1.3	0.9	75.7	(5)	LM YLBN VFXLN FRC NO ODR GMTNFLU
146	11872,0-73,0	15		9.4	2.0	0.0	78.8	WTR.	LM YLBN XLN VUGGY N ODR GMTNFLU
147	11873,0-74,0	37		9.8	5.5	0.0	65.2	WTR.	LM YLBN VFXX VUG FRC NO DR GMTNFLU
148	11874,0-75,0	91		9.7	2.1	0.0	78.5	WTR.	LM YLBN XLN VUGGY NO ODR GMTNFLU
149	11875,0-76,0	0.32		8.4	1.7	0.6	78.9	WTRs	LM YLBN VF-FIXLN PVUG NO DR GMTNFLU
150	11876,0-77,0	18		9.7	2.8	0.0	71.2	WTR.	LM YLBN VEFXN PVUG FRC NO DR GMTNFLU
151	11877,0-78,0	0.06		3.8	0.6	0.0	85.5	(6)	LM RD-GY VFXLN VSHY N ODR NO FLU
	11878,0-02,0							*	SHALE RED

(6) DENOTES LOW PERMEABILITY
* NO ANALYSIS BY REQUEST OF CLIENT
ABBREVIATIONS: MICLN-MICROCRYSTALLINE OIL-OLITIC STY-STYLOLITIC
DLGMNFLU-DULL GOLD MINERAL FLUORESCENCE
SLAM-SHALE LAMINATION YUG-VUGLAR FRC-FRACTURED
GMNFLU-GOLD MINERAL FLUORESCENCE PVUG-PIVPOINT VUGS
NDRGMNFLU-NO ODOR GOLD MINERAL FLUORESCENCE
GMFL-GOLD MINERAL FLUORESCENCE

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