

(Continued from below)

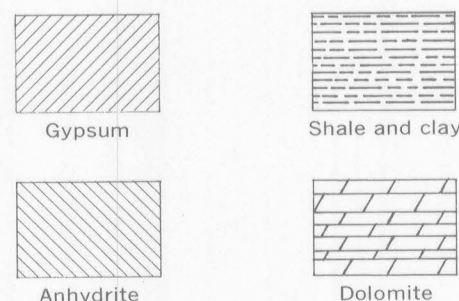
From (m)	To (m)	Thickness (m)	CaSO ₄ ·2H ₂ O (percent)	CaSO ₄ (percent)	*Other (percent)
0.00	0.55	0.55	No analysis		
0.55	4.00	3.45	97.72	—	0.65
4.00	7.78	3.78	94.01	—	1.53
7.78	8.16	0.38	5.78	—	29.00
8.16	10.40	2.24	99.67	—	0.84
10.40	10.50	0.10	62.56	—	11.50
10.50	15.00	4.50	89.53	5.68	0.82
15.00	18.00	3.00	23.74	13.53	0.49
18.00	20.42	2.42	95.01	—	2.51
20.42	20.83	0.41	86.13	—	8.65
20.83	25.00	4.17	99.61	—	0.99
25.00	28.00	3.00	95.36	—	1.79
28.00	30.05	2.05	94.45	—	1.72
30.05	35.27	5.22	94.30	—	3.55
35.27	35.50	0.23	12.54	—	38.26
35.50	37.84	2.34	85.53	4.19	1.97
37.84	41.55	3.71	20.04	71.38	4.37
41.55	44.10	2.55	82.46	11.63	1.48
44.10	44.19	0.09	27.20	—	36.82
44.19	45.27	1.08	80.42	7.07	2.40
45.27	45.48	0.21	1.30	4.24	18.95
45.48	48.58	3.10	86.04	6.20	2.09
48.58	48.63	0.05	0.97	—	32.51
48.63	50.85	2.22	95.36	—	2.91

(Continued at top)

From (m)	To (m)	Thickness (m)	CaSO ₄ ·2H ₂ O (percent)	CaSO ₄ (percent)	*Other (percent)
50.85	52.21	1.36	1.64	93.42	1.88
52.21	54.36	2.15	14.17	70.02	9.28
54.36	58.00	3.64	1.83	93.72	2.72
58.00	62.00	4.00	1.23	93.82	2.29
62.00	65.00	3.00	0.49	98.46	0.54
65.00	68.00	3.00	1.05	97.06	1.36
68.00	71.00	3.00	1.89	93.31	2.93
71.00	74.52	3.52	0.87	98.54	0.46
74.52	74.66	0.14	5.64	13.31	13.80
74.66	78.10	3.44	0.25	99.65	0.07
78.10	79.65	1.55	5.48	8.47	15.67
79.65	83.76	4.11	2.15	95.68	0.71
83.76	84.12	0.36	5.81	5.38	13.09
84.12	85.51	1.39	3.64	94.95	0.39
85.51	87.27	1.76	3.16	—	16.75
87.27	88.00	0.73	1.97	83.04	10.99
88.00	88.26	0.26	6.98	21.35	20.97
88.26	89.00	0.74	4.71	72.42	10.31
89.00	90.24	1.24	4.78	—	13.57
90.24	93.16	2.92	4.93	90.53	1.73
93.16	93.59	0.43	4.29	19.59	12.03
93.59	93.74	0.15	0.95	98.30	0.70
93.74	94.76	1.02	6.55	—	16.49
94.76	95.00	0.24	2.93	89.16	1.52

Adapted from Gualtieri (1962)

EXPLANATION



*Includes Al and Fe oxides, soluble silicates, insoluble residue, and Mg, but does not include CO₂ or excess Ca. Anhydrite may be present in very small quantities

LOG OF DIAMOND-DRILL HOLE 6 AND CHEMICAL ANALYSES OF SAMPLES FROM THE BIR AL GHANAN-YAFRAN GYPSUM DEPOSIT, LIBYA