

M. M. E.

D. N. P. M.

PROJETO POTASSIO

Resultados Analíticos


Mineralogia Ótica

Laminas Delgadas

Composição Mineralógica

Vol. IV

PHL
012574
2007

 CPRM	J. 9 6	SUREMI SEDOTE
ARQUIVO TÉCNICO		
Relatório n.º	580 - 5
N.º de Volúmenes	7 4

RESULTADOS ANALÍTICOS

ANÁLISES QUÍMICAS DAS AMOSTRAS DE TESTEMUNHOS,
SERRADAS PELO SETOR DE AMOSTRAGEM PRINCIPAL.

EQUIPAMENTOS:

ESPECTROFOTOMETRO PERKIN-ELMER 303
TURBIDIMETRO, POTENCIOMETRO E EQUIPAMENTOS PARA
DOSAGENS VIA ÚMIDA.

ELEMENTOS DOSADOS:

Na - K - Mg - Ca - Cl - SO₄ - H₂O - RI
DOSAGENS ESPECIAIS DE Br

OS TEORES APRESENTADOS NAS FOLHAS DE RESULTADOS DE
ANÁLISES JÁ SÃO BALANCEADOS IONICAMENTE.

NÃO FOI DETERMINADA UMIDADE NAS AMOSTRAS DE CARNA-
LITA E TACHIDRITA, POR NÃO SE CONHECER A TEMPERATU-
RA LIMITE ENTRE A EVAPORAÇÃO DE UMIDADE E A DE Á-
GUA DE CONSTITUIÇÃO, E, ESPECIALMENTE, DE COMEÇO
DE ALTERAÇÃO DA AMOSTRA.

DADA A POUCA FREQUÊNCIA DE CARBONATOS NOS INTERVA-
LOS POTÁSSICOS, FOI OMITIDA A DOSAGEM DE CO₂. ESTA
PRÁTICA É CORRENTE EM ESTUDOS CONGÊNERES.

ERRATA DE RESULTADOS ANALÍTICOS

(Valôres corretos)

Nº	Amostras	H2O	RI	Na	K	Ca	Mg	Cl	SO4
11	PKC-11	0,1704	0,6960	38,1786	0,0919	0,1557	0,0465	59,0354	0,4379
109	PKC- 6	0,3040	0,7280	36,9276	0,0342	0,7151	0,2014	57,6454	1,5883
65	PKC- 7	0,3500	0,5800	18,9078	25,9629	0,0809	0,0961	53,0668	0,0711

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FÓLHA N.º 1

Poço PKC-1-SE Folha de Amostragem N.º 1 - 5 Intervalo (m) 15,40
Intervalo de Profundidade 718,65/734,05 metros Químico Jorge Abud

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-PKC-1	0,1615	2,5160	38,0132	0,0504	0,2431	0,0142	58,7473	0,5179	
2-PKC-1	0,2798	1,4760	37,9928	0,0648	0,2058	0,0196	58,8050	0,3459	
3-PKC-1	0,1000	0,2360	27,0490	15,3217	0,0464	0,0108	55,6819	0,1173	
4-PKC-1	0,3100	2,3380	37,4220	0,2064	0,3079	0,0177	57,9211	0,7613	
5-PKC-1	0,4900	8,1680	32,2323	3,1937	0,5189	0,0187	53,1558	0,5597	
6-PKC-1	0,3500	1,9620	37,6714	0,1206	0,2896	0,0174	58,6270	0,1761	
7-PKC-1	0,4807	2,2620	37,6600	0,1400	0,2708	0,0180	58,6078	0,1756	
8-PKC-1	0,1798	0,1940	20,1632	24,6168	0,0810	0,0249	53,4628	0,2248	
9-PKC-1	0,3842	2,8900	22,7284	20,5915	0,2688	0,0130	54,1818	0,1597	
10-PKC-1	0,3974	3,6040	36,7866	0,3639	0,3442	0,0172	57,5177	0,2542	
11-PKC-1	0,3800	0,3840	38,4501	0,0581	0,3757	0,0153	59,8253	0,2028	
12-PKC-1	0,3592	0,6020	37,9347	0,1418	0,3085	0,0177	58,9833	0,3172	
13-PKC-1	0,1700	0,2980	18,2325	27,3488	0,0721	0,1524	53,3974	0,1160	
14-PKC-1	0,3200	3,1200	35,2872	1,8960	0,6654	0,0160	56,3702	1,3315	
15-PKC-1	0,3200	1,6480	26,9589	14,2367	0,2335	0,0148	54,6526	0,3763	
16-PKC-1	1,1500	8,5360	33,0792	1,0445	1,0238	0,0379	52,5560	1,7778	
17-PKC-1	0,6988	1,9960	19,4911	24,1128	0,2511	0,0186	51,9755	0,5971	
18-PKC-1	0,1078	0,0680	15,7573	29,0214	0,8265	0,0027	50,9350	1,5540	
19-PKC-1	0,4674	2,9300	22,4671	19,7080	0,4335	0,0178	52,5043	1,1164	
20-PKC-1	0,2168	0,8240	15,7505	29,1236	0,2526	0,0149	50,7728	0,5551	
21-PKC-1	0,1362	0,1880	20,7920	24,3538	0,1301	0,0778	54,3216	0,3733	
22-PKC-1	0,1000	0,0740	18,6144	27,4833	0,0627	0,0031	53,6587	0,1135	
23-PKC-1	0,1398	0,2160	17,5190	28,5679	0,1947	0,0103	52,9614	0,4420	
24-PKC-1	0,5477	3,0760	23,4300	19,2840	0,5409	0,0181	54,2316	0,5295	
25-PKC-1	0,5862	1,8282	23,6506	19,4678	0,2929	0,0151	54,2203	0,6346	
26-PKC-1	0,3200	0,5160	22,3629	21,9739	0,2485	0,0085	54,3624	0,6999	
27-PKC-1	0,3200	1,3720	19,9555	24,6086	0,3699	0,0095	53,7576	0,5324	
28-PKC-1	1,1513	6,8600	33,1296	2,1001	0,7955	0,0367	53,9725	0,7100	
29-PKC-1	0,4094	3,8800	24,0558	17,7762	0,4141	0,0208	53,6114	0,5285	
30-PKC-1	0,1079	0,3300	21,4225	24,3136	0,1869	0,0092	55,2605	0,2327	
31-PKC-1	0,4601	1,0040	18,2951	27,3134	0,2237	0,0115	53,0193	0,5229	
32-PKC-1	0,0736	0,1280	20,5479	25,9769	0,0308	0,0050	55,2603	0,0585	
33-PKC-1	0,1818	0,8380	21,1491	23,5234	0,1967	0,0140	54,0746	0,3407	
34-PKC-1	0,2688	0,2160	18,8387	27,6821	0,0573	0,0115	54,1353	0,1927	
35-PKC-1	0,0826	0,3360	21,4010	23,2859	0,1776	0,0105	54,2172	0,3260	
36-PKC-1	0,0805	0,1880	23,9456	20,1980	0,1593	0,0084	55,1865	0,4829	

MINISTÉRIO DAS MINAS E ENERGIA
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RESULTADOS DE ANÁLISES
FÓLHA N.º 3

Poço: PKC-1-SE Folha de Amostragem N.º 12 - 19 Intervalo (m) 150,64
Intervalo de Profundidade 664,40/840,80 Químico Jorge Abud

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
71-PKC-1	0,0494	89,0960	0,0603	0,0086	3,1199	0,0018	0,4918	6,9554	
72-PKC-1	1,9976	87,6320	0,4120	0,0374	2,6542	0,0097	0,9728	5,9883	"
73-PKC-1	0,1105	88,0920	0,0983	0,0186	3,3854	0,0070	0,4891	7,7071	
74-PKC-1	5,5051	88,9960	1,0122	0,0622	0,8300	0,0253	1,4672	2,2921	
75-PKC-1	0,2731	86,6520	0,1195	0,0169	3,7472	0,0050	0,4950	8,6008	
76-PKC-1	5,2434	90,4560	0,7977	0,0448	0,8031	0,0240	1,3848	1,8650	
77-PKC-1	2,3144	86,2400	0,7980	0,0245	2,6917	0,0109	1,4463	6,2329	
78-PKC-1	0,8953	88,7320	0,2656	0,0186	2,8017	0,0077	0,9553	6,0016	
79-PKC-1	0,6333	89,6120	0,3168	0,0130	2,4746	0,0096	0,9763	5,3249	
80-PKC-1	0,2756	60,2120	8,9634	0,0166	4,8845	0,0085	13,8527	1,7169	
81-PKC-1	0,1651	4,6840	34,6759	0,0160	1,7237	0,0126	53,0408	4,7755	
82-PKC-1	0,5581	5,6280	35,7516	0,0332	1,0228	0,0155	55,0796	2,6179	
83-PKC-1	1,0944	8,4880	34,3931	0,0299	0,5998	0,0222	53,5307	0,8801	
84-PKC-1	0,7205	8,3960	35,2929	0,0879	0,2789	0,0076	50,5116	0,6800	
85-PKC-1		0,5520	0,9283	0,2021	7,2868	9,0461	40,8561	0,0464	
86-PKC-1		0,9800	4,2066	0,6052	5,9014	8,0704	40,9250	0,1149	
87-PKC-1		0,8400	2,6317	0,3576	6,8054	8,6638	41,5919	0,1333	
88-PKC-1		0,3560	0,0494	0,0039	7,1673	9,0827	39,2433	0,0064	
89-PKC-1		0,5440	1,7052	0,0090	6,4957	8,9025	39,9807	0,1475	
90-PKC-1		0,1000	0,1072	0,0060	6,9821	9,3600	39,8139	0,0063	
91-PKC-1		0,4640	0,8787	0,1010	6,7670	8,7743	38,9720	0,0514	
92-PKC-1		0,3680	0,2421	0,3846	6,7161	9,0948	39,1115	0,0159	
93-PKC-1		0,1760	0,5831	0,0717	7,2770	9,0963	40,3544	0,0160	
94-PKC-1		0,1040	0,1381	0,0080	6,9075	9,3853	39,8121	0,0008	
95-PKC-1		0,1240	0,0548	0,0040	6,0894	9,3878	38,2307	0,0063	
96-PKC-1		0,0760	0,0819	0,0475	5,8690	9,3600	37,8465	0,0063	
97-PKC-1		0,1160	0,0444	0,0025	6,4665	9,2199	38,8755	0,0025	
98-PKC-1		0,1400	0,2462	0,0070	6,2812	9,2962	38,6032	0,0043	
99-PKC-1		0,1520	0,3525	0,0081	6,0780	9,3702	38,6119	0,0229	
100-PKC-1		0,2400	0,2622	0,0151	6,7078	9,3203	34,4497	0,0230	
101-PKC-1		0,6920	0,0830	0,2002	6,6566	9,3218	39,2513	0,0231	
102-PKC-1		1,3080	6,2634	4,7721	3,9768	7,3322	42,0239	0,5129	
103-PKC-1		0,6080	3,5019	2,2298	5,3875	8,4180	41,3750	0,1683	
104-PKC-1		0,4600	0,8168	0,3486	6,9727	8,7781	39,4439	0,0883	
105-PKC-1		0,1320	0,3746	0,0592	7,0882	9,3032	40,2810	0,0237	
106-PKC-1		2,6160	26,0572	3,7582	1,0122	2,5055	50,9096	2,3944	

MINISTÉRIO DAS MINAS E ENERGIA
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RESULTADOS DE ANÁLISES
FÔLHA N.º 4

Poço PKC-1-SE Folha de Amostragem N.º 19 - 28 Intervalo (m) 183,83
Intervalo de Profundidade 840,80/1.026,00 Químico Jorge Abud

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
107-PKC-1		1,2440	31,2150	2,7099	0,6574	1,4051	54,7997	1,4146	
108-PKC-1	0,8280	1,0920	36,8662	0,3155	0,5710	0,1427	57,5861	1,3174	
109-PKC-1		1,2760	14,3986	8,1558	0,4027	5,4120	45,4450	0,8739	
110-PKC-1		4,1480	33,0470	0,5690	1,6972	0,6052	53,8023	3,3049	
111-PKC-1		62,2000	3,4208	0,4096	4,4552	0,7937	13,3516	3,3797	
112-PKC-1		56,3960	3,4144	0,7751	5,5726	1,3298	17,5924	2,8626	
113-PKC-1		24,6400	24,9547	0,2204	2,7560	0,3432	42,2337	3,1431	
114-PKC-1		23,3200	25,5510	0,1873	2,6928	0,2480	42,7318	3,1433	
115-PKC-1	3,1465	21,7920	26,9750	0,0737	1,9069	0,1124	43,6100	2,3755	
116-PKC-1		19,9360	24,2400	0,7373	2,1588	0,7575	42,3593	2,3740	
117-PKC-1		9,4800	13,3263	0,4873	4,3509	4,8481	42,3106	0,6958	
118-PKC-1		7,7880	10,7163	0,2959	4,7202	5,6133	40,7566	0,9899	
119-PKC-1		22,2520	24,5950	0,0523	3,4993	0,3686	43,3477	2,5500	
120-PKC-1		6,9720	8,9550	2,1691	4,1043	6,4675	41,2905	0,8240	
121-PKC-1		4,9040	10,2176	1,3491	4,5260	6,3860	42,6696	1,2702	
122-PKC-1		14,9720	18,9854	1,5606	4,1000	2,0377	40,8376	4,1246	
123-PKC-1		4,5720	26,2395	3,0330	2,0202	1,8582	48,1303	5,5126	
124-PKC-1	1,1058	5,9280	34,7173	0,0483	0,9748	0,0779	54,1124	1,9079	
125-PKC-1	1,0859	13,0120	31,4658	0,0291	1,2502	0,1156	49,6807	1,9096	
126-PKC-1		11,4360	22,8734	3,5018	1,4611	2,0368	45,9809	1,3339	
127-PKC-1		4,2840	18,4574	6,1857	0,8729	3,8910	46,1408	1,1024	
128-PKC-1		0,8360	21,0198	5,3794	0,5977	3,6983	48,6992	0,5822	
129-PKC-1		0,6480	16,4917	7,0964	0,6121	4,8475	46,2066	1,1804	
130-PKC-1		1,0680	22,8150	4,9077	0,8174	3,1687	49,5592	1,0257	
131-PKC-1		1,0160	30,1828	2,3750	1,0143	1,4472	53,2763	1,9401	
132-PKC-1		0,4880	19,6267	6,2805	0,5535	4,2273	48,4454	0,8643	
133-PKC-1		2,3120	34,0340	0,3803	1,7167	0,2052	53,4065	4,1254	
134-PKC-1		0,8440	21,7274	5,4318	0,9053	3,4955	48,7159	2,0377	
135-PKC-1		0,6440	15,8240	7,6153	0,6552	4,9450	45,7998	1,4660	
136-PKC-1		3,0920	32,2289	0,9108	2,1581	0,5630	52,9273	4,1258	
137-PKC-1	0,0947	0,4840	37,9965	0,0442	0,1759	0,0206	58,5987	0,5371	
138-PKC-1	0,2779	1,2400	36,6785	0,0578	1,3555	0,0323	56,0970	4,0629	
139-PKC-1	0,1666	0,5880	38,0855	0,0328	0,1594	0,0156	58,8923	0,2574	
140-PKC-1	0,0064	0,5440	38,7042	0,0270	0,1854	0,0103	59,7332	0,4447	
141-PKC-1	0,0060	0,7000	38,1353	0,0268	0,1187	0,0139	58,8041	0,2209	
142-PKC-1	0,0199	1,3360	38,5770	0,0270	0,1308	0,0157	59,6644	0,1636	

MINISTÉRIO DAS MINAS E ENERGIA

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Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 6

Poço PKC-1-00 Folha de Amostragem N.º 29 - 36 Intervalo (m) 139,47
 Intervalo de Profundidade 1058/1198,50 Químico Jorge Abud

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ++	Mg ++	Cl -	SO ₄ - -	Br ₂
151-PKC-1		1,8880	25,8692	4,4431	1,1006	2,3537	50,8273	2,5489	
152-PKC-1		2,0360	23,7457	5,0076	1,3629	2,8294	49,3312	3,3677	
153-PKC-1		4,2080	20,1780	5,0041	2,6231	2,7215	45,2270	4,0639	
154-PKC-1		1,4080	6,9279	10,9961	0,9481	6,7811	40,6959	1,9087	
155-PKC-1		2,5720	6,3351	11,0765	1,2090	6,7662	39,7123	2,5966	
156-PKC-1	1,4115	22,1560	25,0150	0,1475	3,4395	0,0535	39,1723	8,4040	
157-PKC-1	7,5316	75,0680	3,4538	0,6867	2,2060	0,8934	6,4819	4,9507	
158-PKC-1		30,2720	19,7782	1,2965	3,1465	0,2467	33,1863	6,4664	
159-PKC-1		16,0040	21,0000	5,5300	3,1500	0,9500	40,2510	7,3992	
159-PKC-1	5,1541	64,4480	7,6020	0,1818	2,1830	0,0862	11,7585	3,7466	
160-PKC-1	0,7736	19,4480	28,1231	0,0446	2,2740	0,0237	43,6230	5,1448	
161-PKC-1	5,1238	83,5160	2,7077	0,1338	1,1011	0,0660	5,3160	1,3188	
162-PKC-1	4,6531	87,4920	1,5482	0,1778	1,1025	0,0948	2,6632	0,8590	
163-PKC-1	4,6953	82,5400	2,6866	0,1631	1,5885	0,0986	5,1161	2,4010	
164-PKC-1	4,9845	80,2720	0,6608	0,2698	3,1666	0,1321	2,6554	6,2264	
165-PKC-1	7,3432	70,1080	6,7324	0,1550	1,5301	0,0714	11,6980	2,3556	
166-PKC-1	0,2709	10,4840	28,1036	0,0674	2,3419	0,0303	43,9144	5,0627	
167-PKC-1	3,9100	59,0480	11,5024	0,1447	1,9027	0,0934	19,2133	3,3203	
168-PKC-1	1,0741	18,5000	27,8649	0,0802	2,0026	0,0434	47,3248	6,7354	
169-PKC-1	0,0707	2,4200	37,2215	0,0180	1,0303	0,0846	58,0556	1,9332	
170-PKC-1	0,0062	1,9000	38,2802	0,0176	0,0688	0,0855	58,5228	1,1973	
171-PKC-1	0,0309	1,4600	38,8754	0,0123	0,0509	0,0175	59,7049	0,3835	
172-PKC-1	0,0542	1,1240	38,4406	0,0100	0,0458	0,0077	58,7760	0,9448	
173-PKC-1	0,1129	1,3600	38,5452	0,0074	0,0455	0,0065	58,6988	1,1809	
174-PKC-1	1,5666	87,3440	1,4918	0,0481	2,0127	0,0426	2,4027	4,9308	
175-PKC-1	2,0169	95,5600	0,8393	0,0448	0,2720	0,0256	1,7186	0,2316	
176-PKC-1	3,2276	94,7260	0,6277	0,0376	0,1556	0,0100	1,3122	0,1179	
177-PKC-1	2,4552	95,8200	0,6548	0,0432	0,1403	0,0084	1,3024	0,0276	
178-PKC-1	2,4096	95,7080	0,6870	0,0340	0,1244	0,0105	1,3253	0,0266	
179-PKC-1	2,5925	95,5880	0,8339	0,0466	0,1447	0,0115	1,5017	0,0352	
180-PKC-1	2,3661	95,5600	0,6409	0,0348	0,1256	0,0182	1,3025	0,0236	

MINISTÉRIO DAS MINAS E ENERGIA
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RESULTADOS DE ANÁLISES
FÓLHA N.º 1

Poço PKC-2-SE Folha de Amostragem N. 1 - 5 Intervalo (m) 15,72
Intervalo de Profundidade 997,13/1012,85 metros Químico Gilberto Santana

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-PKC-2	0,2198	0,4620	38,9193	0,0266	0,0339	0,0065	60,1064	0,0080	
2-PKC-2	0,3802	6,9260	36,0218	0,0389	0,1170	0,0178	55,9273	0,0081	
3-PKC-2	0,1099	0,8860	38,3532	0,0322	0,2935	0,0070	59,6985	0,0102	
4-PKC-2	0,1699	0,9680	38,5369	0,0330	0,3080	0,0084	59,9931	0,0273	
5-PKC-2	0,1800	0,7680	38,4409	0,0375	0,1482	0,0154	59,5841	0,0394	
6-PKC-2	0,7200	9,0420	33,8540	0,0661	0,9927	0,0537	51,8914	3,0947	
7-PKC-2	0,5311	6,0500	35,3362	0,0903	0,9794	0,0386	54,7826	2,2037	
8-PKC-2	0,3596	3,6680	36,8242	0,0796	0,8042	0,0358	56,7407	2,2224	
9-PKC-2	0,2593	4,1060	36,4393	0,0722	0,8664	0,0303	56,2262	2,2217	
10-PKC-2	0,6703	5,0640	32,3718	5,0643	0,7484	0,0905	54,8244	1,7119	
11-PKC-2	0,4700	4,7240	29,8243	7,9480	0,9599	0,0552	53,3094	2,3652	
12-PKC-2	0,2099	2,1080	21,5123	21,7088	0,6421	0,0257	53,0869	1,3237	
13-PKC-2	0,6124	3,8120	28,0143	9,8803	0,9614	0,0488	52,7480	1,6930	
14-PKC-2	0,6016	2,3080	28,5091	11,4618	0,8993	0,0503	54,4111	2,2706	
15-PKC-2	0,5464	4,1380	24,9418	14,5278	1,1526	0,0496	51,6199	2,9718	
16-PKC-2	0,2890	2,3060	21,9099	19,5801	0,8215	0,0247	51,6865	1,8660	
17-PKC-2	0,1703	2,4160	28,0702	12,2434	0,8616	0,0174	54,6937	1,7078	
18-PKC-2	0,1799	2,0440	25,7868	15,7597	0,8231	0,0160	53,6532	2,5711	
19-PKC-2	0,3458	3,8760	31,1168	6,8262	1,6712	0,1750	54,5117	3,6022	
20-PKC-2	0,1698	1,4740	27,2245	13,9550	0,6891	0,0151	54,6072	1,7365	
21-PKC-2	0,1600	1,7980	23,0162	18,8949	0,8298	0,0161	52,8582	1,7287	
22-PKC-2	0,3200	2,2680	31,3162	8,5407	1,1197	0,0139	55,7233	3,1585	
23-PKC-2	1,4600	2,3340	35,2800	1,9152	0,9764	0,0152	54,7906	4,2198	
24-PKC-2	0,5700	1,4760	23,0909	19,1197	0,7277	0,0790	52,7138	2,3608	
25-PKC-2		2,1960	32,5441	2,1014	1,1937	0,5581	53,6266	2,9730	
26-PKC-2		1,9160	33,7235	1,3519	1,0412	0,3622	53,1690	3,9968	
27-PKC-2		1,9980	28,8348	3,0643	1,0453	1,4442	50,5045	3,7817	
28-PKC-2		2,2720	22,4769	7,1281	1,1544	1,6909	45,9949	2,8390	
29-PKC-2		1,9700	32,8085	2,1621	1,0666	0,7387	52,9633	4,9085	
30-PKC-2		1,7740	23,6334	5,7692	1,0624	2,4251	48,7475	2,5469	
31-PKC-2		2,2860	31,2903	2,3170	1,2036	0,8788	52,9919	2,7772	
32-PKC-2	0,2100	2,5941	35,6833	0,0804	1,6768	0,0221	56,2698	2,5092	
33-PKC-2	0,0700	2,7840	35,9586	0,0499	1,8371	0,2076	57,0054	3,1651	
34-PKC-2	0,1300	4,4900	34,8984	0,0902	2,4840	0,0294	56,0840	3,0972	
35-PKC-2	0,8900	14,4020	28,7532	0,0906	3,5146	0,0507	46,8212	5,3702	
36-PKC-2	1,1400	5,6640	32,9449	0,1044	2,8759	0,0803	52,8612	4,5472	

Poço PKC-6-SE Folha de Amostragem N.º 1-4 Intervalo (m) 14,94

Intervalo de Profundidade 546,80/561,74 metros Químico Aparecida Lisboa

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-PKC-6	0,4226	3,8860	36,9004	0,0558	0,3706	0,1841	57,6286	0,6832	
2-PKC-6	0,3597	0,1240	37,8087	0,0382	0,3977	0,1243	58,5634	1,1234	
3-PKC-6	0,3404	1,7340	37,4186	0,0611	0,4615	0,1311	57,7314	1,6505	
4-PKC-6	0,4991	6,5420	32,3800	4,0182	0,4876	0,0232	53,6669	1,1285	
5-PKC-6	0,1238	0,8640	37,6764	0,0403	0,6235	0,0082	57,6803	2,1375	
6-PKC-6	0,0299	0,2400	36,8668	0,0235	1,4780	0,0113	56,3811	4,2534	
7-PKC-6	0,1591	0,8260	38,1520	0,0778	0,5867	0,0141	58,6913	1,7428	
8-PKC-6	0,3845	2,9540	28,8810	11,4657	0,3730	0,0205	54,9382	0,9622	
9-PKC-6	0,2537	1,5960	37,5385	0,1008	0,5006	0,0157	57,9267	1,3228	
10-PKC-6	0,5956	3,9080	30,6024	9,5510	0,4659	0,0280	54,2075	0,8726	
11-PKC-6	0,2992	1,1380	37,5038	0,1176	0,4251	0,0170	58,0261	0,9527	
12-PKC-6	0,7770	3,0120	24,1692	16,5239	0,3699	0,0351	52,5188	0,6589	
13-PKC-6	0,3091	0,7380	20,3377	23,4817	0,1494	0,0172	52,7467	0,2952	
14-PKC-6	1,7899	6,7700	33,3606	2,1665	0,8452	0,0506	54,2820	1,0335	
15-PKC-6	0,2497	1,3900	22,5814	20,7160	0,1822	0,0205	53,8026	0,2445	
16-PKC-6	0,1441	0,7680	37,6980	0,0833	0,2695	0,0096	58,7033	0,3460	
17-PKC-6	0,0600	0,2760	38,5827	0,0457	0,3170	0,0073	59,6804	0,5832	
18-PKC-6	0,0199	0,2300	37,7606	0,0409	0,2981	0,0051	58,2094	0,8050	
19-PKC-6	0,0596	0,5520	38,0969	0,1675	0,3864	0,0061	59,0040	0,8020	
20-PKC-6	0,2093	1,5460	34,4763	4,3095	0,3653	0,0220	57,3733	0,5451	
21-PKC-6	0,2197	1,4280	24,7091	18,6284	0,3016	0,0179	55,3121	0,3475	
22-PKC-6	0,4944	3,4460	22,7953	18,1258	0,6652	0,0282	52,1595	0,9210	
23-PKC-6	0,3338	1,5700	21,8736	21,7271	0,2807	0,0244	53,6682	0,4405	
24-PKC-6	0,1932	0,6000	20,0397	25,1955	0,1282	0,0156	53,8133	0,2777	
25-PKC-6	0,4285	1,6760	22,0547	21,4794	0,3596	0,0219	53,5942	0,7939	
26-PKC-6	0,4049	0,4320	22,4976	22,9194	0,1371	0,0111	55,5082	0,3214	
27-PKC-6	1,2255	5,7920	33,1443	2,5986	0,9193	0,0294	53,3635	2,4482	
28-PKC-6	0,4343	1,9400	23,4094	19,7457	0,3985	0,0162	54,0509	0,9481	
29-PKC-6	0,8399	4,6120	30,2693	9,1725	0,7990	0,0257	53,6407	1,9277	
30-PKC-6	0,1400	0,3280	20,4980	24,6488	0,1474	0,0087	54,0131	0,3085	
31-PKC-6	0,2395	0,1480	28,6832	13,9487	0,0878	0,0044	56,8492	0,2606	
32-PKC-6	0,1108	0,1720	22,3166	21,8874	0,1014	0,0067	54,3787	0,2561	
33-PKC-6	0,0687	0,1560	29,4923	13,3968	0,1090	0,0072	57,4823	0,4737	
34-PKC-6	0,9610	1,4840	20,9106	22,2055	0,3837	0,0384	52,5333	0,8564	
35-PKC-6	0,1097	0,2680	18,5601	26,2766	0,0977	0,0118	52,3555	0,3965	
36-PKC-6	0,0395	0,1820	20,8399	24,1176	0,1049	0,0084	54,0033	0,2760	

Poço PKC-6-SE Folha de Amostragem N.º 4-6 Intervalo (m) 4,29

Intervalo de Profundidade 561,74/566,03 metros Químico Aparecida Lisboa

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
37-PKC-6	0,0586	0,2460	20,7753	24,2378	0,0810	0,0083	54,0464	0,1819	
38-PKC-6	0,3066	1,6460	23,1870	18,8640	0,5035	0,0196	52,8440	1,2979	
39-PKC-6	0,1604	0,9140	21,6964	22,3374	0,2774	0,0166	53,8147	0,5882	
40-PKC-6		1,1120	16,3776	7,7941	0,2405	4,9330	46,9100	0,2940	
41-PKC-6		0,3960	22,5389	5,4335	0,4214	3,3959	49,7382	0,7950	
42-PKC-6		1,6240	8,6318	9,9677	0,3661	6,0371	40,4102	0,2532	
43-PKC-6		0,2500	0,1603	0,1239	6,9459	8,5488	37,5732	0,0103	
44-PKC-6		4,9640	16,4886	5,7861	1,1248	3,8959	43,5203	0,6763	
45-PKC-6		0,0880	0,0470	0,0279	7,5416	8,4922	38,2004	0,0061	
46-PKC-6		0,1760	0,3764	0,2895	7,5740	8,1427	37,9824	0,0066	
47-PKC-6		0,2400	0,0250	0,0692	7,6715	7,9315	36,8021	0,0058	
48-PKC-6		0,2040	0,5155	0,4581	7,3000	8,1760	37,9642	0,0028	
49-PKC-6		1,0880	5,2644	0,3472	6,4769	6,6064	38,8718	0,3864	
50-PKC-6		0,1720	0,0765	0,0051	7,8872	8,3960	38,5592	0,0027	
51-PKC-6		0,2200	0,8416	0,1632	7,5416	7,8585	37,7004	0,0063	
52-PKC-6		0,1120	0,0878	0,0049	8,0164	8,2088	38,2571	0,0058	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 3

Poço PKC-6-SE Folha de Amostragem N. 7 - 13 Intervalo (m) 138,92
Intervalo de Profundidade 481,50/546,80/566,03/641,60 Químico Aparecida Lisboa

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ^{..}	Br ₂
53-PKC-6	0,3232	2,5880	36,9840	0,0250	0,5477	0,0123	56,8749	1,5920	
54-PKC-6	0,0648	0,7200	38,3954	0,0129	0,1616	0,0052	59,2156	0,4021	
55-PKC-6	5,7537	75,9920	4,5400	0,0837	1,7908	0,0499	7,3901	4,0639	
56-PKC-6	2,8255	41,8240	19,8306	0,0662	1,0434	0,0346	30,7692	2,4565	
57-PKC-6	0,8718	86,0160	0,2384	0,0240	3,5299	0,0155	0,9522	7,7522	
58-PKC-6	4,9284	88,1040	0,4656	0,0822	1,5993	0,0575	1,5249	3,0681	
59-PKC-6	6,3442	91,0000	0,5486	0,0675	0,5424	0,0659	1,9437	0,1564	
60-PKC-6	2,1014	85,8400	0,5770	0,0432	2,9930	0,0346	1,4486	6,6062	
61-PKC-6	1,5207	87,9600	0,2004	0,0240	2,8603	0,0330	0,9539	6,1414	
62-PKC-6	1,2745	85,6800	0,1465	0,0315	3,5610	0,0286	0,9773	7,6686	
63-PKC-6	0,1963	0,8880	38,1847	0,0140	0,4178	0,0097	58,9181	1,0003	
64-PKC-6	0,2061	0,3200	38,4352	0,0188	0,2436	0,0091	59,4658	0,3634	
65-PKC-6	0,2532	1,6680	37,5748	0,0160	0,5470	0,0071	57,9454	1,3451	
66-PKC-6	0,3323	3,6880	36,0314	0,0298	0,9380	0,0122	55,0801	2,9718	
67-PKC-6	1,4011	10,0480	33,1954	0,1180	0,9270	0,0472	51,1300	2,6221	
68-PKC-6	0,4978	5,9400	36,2560	0,0327	0,4606	0,0160	56,5492	0,8126	
69-PKC-6	0,1515	6,0880	36,2174	0,0360	0,2672	0,0096	56,2115	0,2202	
70-PKC-6		0,8520	3,4702	0,2716	6,4447	8,4277	41,4429	0,1815	
71-PKC-6		0,2400	1,3992	0,0978	6,5396	9,0617	40,2038	0,0493	
72-PKC-6		1,0440	1,7138	0,0877	6,4268	8,7185	39,4043	0,1505	
73-PKC-6		0,1520	1,7058	0,0128	6,3784	9,0237	40,2093	0,0445	
74-PKC-6		0,7680	4,3386	1,4261	5,3228	8,1599	41,0777	0,1593	
75-PKC-6		0,1560	0,3866	0,1803	6,4610	9,2657	39,1962	0,0184	
76-PKC-6		0,8000	3,6420	2,2960	5,0968	8,4740	41,1860	0,3233	
76-PKC-6-A		0,7360	2,8788	1,8593	5,2479	8,7465	40,7703	0,1941	
77-PKC-6		0,3200	1,5676	1,7083	5,8284	8,8179	39,8985	0,1273	
78-PKC-6		2,4520	23,1489	5,4410	0,8718	3,0420	49,7443	1,7488	
79-PKC-6		1,1520	27,7513	4,2832	0,4856	2,2786	52,8928	1,7367	
80-PKC-6		1,1000	25,8722	4,8134	0,6468	2,5822	51,5433	1,8945	
81-PKC-6	0,7183	0,8040	37,2503	0,4359	0,5820	0,2179	58,2027	1,7462	
82-PKC-6		0,5480	6,5126	1,9793	0,2652	7,2033	41,8121	0,7601	
83-PKC-6	2,7744	3,7320	33,2867	0,7697	1,4869	0,5398	53,2003	4,1012	
84-PKC-6	0,9012	2,7600	36,4389	0,2688	0,7467	0,1531	56,9130	1,7376	
85-PKC-6		51,8840	7,2182	0,8133	5,4645	1,4614	23,4735	3,1483	
86-PKC-6	3,0904	22,9280	24,5049	0,4252	2,1517	0,4860	39,0933	5,8268	

Poço PKC-6 Folha de Amostragem N.º 13 - 21 Intervalo (m) 155,92

Intervalo de Profundidade 641,60/797,52 Químico Aparecida Lisboa

N.º da Amostra.	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
87-PKC-6		6,0240	24,4265	3,5892	1,4083	2,5174	19,1014	2,2365	
88-PKC-6		0,8400	36,3475	1,0825	0,3475	0,5139	58,5502	0,7953	
89-PKC-6	0,6250	3,5560	35,8799	0,0806	1,1276	0,0580	55,5070	2,7783	
90-PKC-6	0,6169	0,7040	37,3600	0,1697	0,8285	0,0753	57,8990	2,0907	
91-PKC-6	1,4900	0,2400	36,9258	0,7941	0,2420	0,3474	58,5852	0,6850	
92-PKC-6	0,8670	0,1880	37,7767	0,4762	0,3265	0,1620	59,1195	0,8261	
93-PKC-6	0,3918	0,1160	38,7923	0,1356	0,1509	0,0374	60,0271	0,3840	
94-PKC-6	0,5961	0,1140	38,3815	0,2108	0,2032	0,0795	59,7301	0,3077	
95-PKC-6	0,5633	0,1082	38,8237	0,1822	0,0415	0,0594	60,2245	0,0605	
96-PKC-6	0,4510	0,0640	38,8401	0,1195	0,0523	0,0376	60,1340	0,0853	
97-PKC-6	0,2676	0,0480	39,0549	0,0657	0,0180	0,0189	60,3596	0,0100	
98-PKC-6	0,1827	0,1200	38,6678	0,0290	0,0181	0,0077	59,6920	0,0067	
99-PKC-6	0,1446	0,2040	38,5191	0,0310	0,0343	0,0070	59,4935	0,0065	
100-PKC-6	0,7793	0,1720	38,3002	0,3507	0,0226	0,0894	59,6679	0,0044	
101-PKC-6	0,3067	0,1200	38,9337	0,1237	0,0149	0,0262	60,2453	0,0060	
102-PKC-6	0,8099	0,2040	38,0670	0,2563	0,0242	0,0462	59,1032	0,0043	
103-PKC-6	0,1817	0,3520	38,5088	0,0483	0,0505	0,0146	59,5410	0,0055	
104-PKC-6	2,9857	58,7400	10,1112	0,2205	3,5575	0,1259	15,2778	9,7152	
105-PKC-6	0,3772	0,8400	37,6208	0,0624	0,3891	0,0340	58,0366	1,1022	
106-PKC-6	1,1162	0,4440	36,9238	0,5271	0,5030	0,2087	58,2563	0,8865	
107-PKC-6	0,8899	0,3320	37,4362	0,3034	0,2066	0,1197	58,3110	0,5408	
108-PKC-6	0,2951	0,3440	37,8954	0,0371	0,2523	0,2371	59,2087	0,5350	
109-PKC-6	0,3040	0,7280	36,9276	0,0342	0,7151	0,2014	57,6454	57,6454	
110-PKC-6	0,2109	0,2520	38,1199	0,0274	0,2030	0,1771	59,4892	0,2572	
111-PKC-6	0,1346	0,4320	37,8744	0,0280	0,2462	0,1989	59,0706	0,4963	
112-PKC-6	2,4472	23,4520	21,4596	0,0602	4,6197	0,5315	34,8787	10,8198	
113-PKC-6	0,5792	0,9440	36,7669	0,0341	0,8148	0,2235	57,7875	1,3886	
114-PKC-6	0,4662	1,2440	36,3907	0,0356	0,9774	0,1057	56,5358	2,2242	
115-PKC-6	1,1865	3,9480	34,7279	0,0344	1,4247	0,3845	54,7934	3,2851	
116-PKC-6	0,2963	0,7240	37,5962	0,0283	0,2709	0,1231	58,2208	0,8200	
117-PKC-6	0,3363	0,4360	37,0999	0,0244	0,5013	0,2732	57,8630	1,4161	
118-PKC-6	0,3254	0,2680	37,9284	0,0202	0,3089	0,2797	59,0883	1,0501	
119-PKC-6	0,0091	0,2080	38,6386	0,0146	0,0321	0,1028	59,9319	0,0199	
120-PKC-6	0,0272	0,1920	38,4961	0,0159	0,0699	0,1024	59,4060	0,1200	
121-PKC-6	0,0043	0,2240	38,2844	0,1280	0,2028	0,1329	59,4897	0,5430	
122-PKC-6	0,1509	1,8440	36,3200	0,1200	0,9950	0,0235	56,4399	2,3837	

Poço PKC-6-SE Folha de Amostragem N.º 21 - 25 Intervalo (m) 80,06

Intervalo de Profundidade 797,52/877,58 Químico Aparecida Lisboa

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
123-PKC-6	0,2484	0,7960	37,6162	0,0130	0,4454	0,2164	58,8146	0,8283	
124-PKC-6	0,0247	2,6480	37,0259	0,0144	0,7104	0,1137	57,2314	1,2490	
125-PKC-6	0,1196	3,3960	34,9361	0,0188	1,8392	0,0136	55,0202	2,9168	
126-PKC-6	0,1307	1,7320	36,3049	0,1291	1,0831	0,1466	56,1183	3,1405	
127-PKC-6	1,6953	8,9760	32,9164	0,2301	1,2406	0,0237	51,4543	2,3985	
128-PKC-6	0,1922	0,9640	37,9077	0,1334	0,0039	0,1381	58,3951	0,7930	
129-PKC-6	0,1247	0,6360	37,4641	0,1205	0,8838	0,1004	57,4039	2,1901	
130-PKC-6	0,0640	0,6320	37,6730	0,0111	0,6262	0,0865	57,3473	2,3762	
131-PKC-6	0,0508	0,1880	38,5113	0,0045	0,1213	0,0889	59,7212	0,1814	
132-PKC-6	0,8526	0,0880	38,4674	0,0045	0,0551	0,0579	59,4816	0,1330	
133-PKC-6	0,0617	0,1160	38,5420	0,0045	0,0283	0,0689	59,6793	0,0039	
134-PKC-6	0,6079	56,2280	11,9340	0,0239	3,1824	0,2672	17,4742	9,0206	
135-PKC-6	0,0517	1,2720	37,1480	0,0100	0,6024	0,0627	57,6833	1,1552	
136-PKC-6	0,0696	0,7920	37,0209	0,0101	0,9943	0,0563	57,2605	2,3726	
137-PKC-6	0,1149	0,8760	36,9778	0,0010	0,9114	0,0749	56,9591	2,5512	
138-PKC-6	0,1122	0,3120	37,8922	0,0090	0,3970	0,0778	58,6104	1,0147	
139-PKC-6	0,2097	0,2920	37,9886	0,0089	0,2271	0,0774	58,9220	0,3840	
140-PKC-6	0,0918	0,2480	38,5132	0,0106	0,0853	0,0059	59,4098	0,2975	
141-PKC-6	0,0853	0,4000	38,4788	0,0050	0,1672	0,0540	59,4697	0,4368	
142-PKC-6	1,2230	87,2720	1,1209	0,0474	2,3934	0,0592	2,4509	5,0500	

Poço PKC-7-SE Folha de Amostragem N.º 1 - 4 Intervalo (m) 8,16

Intervalo de Profundidade 449,35/457,41 metros Químico Gilberto Santana

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ^{..}	Br ₂
1-PKC-7	0,3000	3,3720	36,8642	0,0947	0,2240	0,0147	56,7628	0,8142	
2-PKC-7	0,2700	1,4040	38,2580	0,1100	0,3493	0,0166	59,6769	0,1050	
3-PKC-7	0,1700	1,8200	37,1233	0,1562	0,2360	0,0151	57,1896	0,8832	
4-PKC-7	0,0900	0,5200	15,8262	30,0498	0,2258	0,0110	51,4754	0,8186	
5-PKC-7	0,1600	0,5640	22,4646	21,2109	0,3522	0,0108	54,4368	0,1177	
6-PKC-7	0,2800	2,7520	35,1185	2,2590	0,1766	0,0148	56,1586	0,5262	
7-PKC-7	0,2200	0,2880	19,1991	25,5424	0,0760	0,0104	52,7943	0,1808	
8-PKC-7	0,3700	1,8320	26,2977	15,0446	0,1385	0,0165	54,1453	0,4562	
9-PKC-7	0,2394	0,1040	13,4812	33,2917	0,0765	0,0112	50,9989	0,1958	
10-PKC-7	0,1310	0,3040	14,9467	30,5077	0,1766	0,0130	50,8858	0,2345	
11-PKC-7	0,2897	3,7920	25,1490	15,1303	0,4281	0,0276	52,4374	1,2135	
12-PKC-7	0,1298	0,7240	17,1745	27,9345	0,1130	0,0110	51,9391	0,2766	
13-PKC-7	0,3091	4,1040	31,0686	7,2829	0,2964	0,0434	54,7771	0,5155	
14-PKC-7	0,1791	0,5360	17,0352	28,2906	0,1002	0,0120	51,9554	0,2367	
15-PKC-7	0,0202	0,1240	16,3134	29,2205	0,0655	0,0069	51,6813	0,1365	
16-PKC-7	0,2100	1,8440	26,5267	15,2730	0,1130	0,0162	54,8372	0,2150	
17-PKC-7	0,1189	0,2600	17,9138	27,9655	0,0821	0,0042	53,0015	0,1809	
18-PKC-7	0,3666	2,4040	27,2142	14,0029	0,1831	0,0173	54,9178	0,1536	
19-PKC-7	0,1098	0,1600	16,2843	29,8207	0,0453	0,0066	52,1662	0,1100	
20-PKC-7	0,1399	0,3960	23,7024	19,8658	0,0722	0,0080	54,6099	0,1354	
21-PKC-7	0,1399	3,2320	25,6591	14,7283	0,2498	0,0188	52,9800	0,5850	
22-PKC-7	0,0200	0,7120	20,0918	23,7083	0,1030	0,0091	52,5844	0,1354	
23-PKC-7	0,3200	3,0320	28,4547	11,3719	0,2430	0,0178	54,4886	0,2395	
24-PKC-7	0,1606	0,8800	37,8241	0,1238	0,1980	0,0127	58,4606	0,4848	
25-PKC-7	0,1399	0,1520	38,5640	0,0954	0,1105	0,0061	59,6478	0,1513	
26-PKC-7	0,1093	0,5920	23,3319	19,4263	0,3995	0,0092	53,8275	0,6705	
27-PKC-7	0,0970	0,1040	24,2640	19,5405	0,2610	0,0039	55,1272	0,2601	
28-PKC-7	0,0200	0,0840	24,2438	18,9777	0,3788	0,0044	54,9434	0,4428	
29-PKC-7	0,3880	2,5480	35,8823	1,8342	0,3571	0,0196	57,4886	0,2593	
30-PKC-7	0,0200	0,3600	24,8171	17,7411	0,4230	0,0057	54,7414	0,5073	
31-PKC-7	0,3100	2,2200	22,7260	20,7351	0,3824	0,0131	54,2796	0,3709	
32-PKC-7	0,4091	2,8480	33,4016	4,9757	0,4557	0,0234	56,4390	0,6090	
33-PKC-7	0,1200	0,3400	19,9089	24,1320	0,1508	0,0150	52,7855	0,1392	
34-PKC-7	0,2299	2,2920	27,7412	12,2388	0,4589	0,0132	53,7065	1,3729	
35-PKC-7	0,0792	0,2800	27,7205	13,2026	0,6449	0,0053	54,6257	1,6804	
36-PKC-7	0,0591	0,0028	22,3260	21,9772	0,1669	0,0049	54,4392	0,3009	

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FOLHA N.º 2

Poço PKC-7-SE Folha de Amostragem N. 5 - 9 Intervalo (m) 10,98

Intervalo de Profundidade 457,41/468,53 metros Químico Gilberto Santana

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
37-PKC-7	0,2590	1,2720	22,4602	21,2781	0,2056	0,0145	54,0849	0,3330	
38-PKC-7	0,3380	2,4000	28,3668	11,3467	0,2667	0,0195	54,0570	0,6712	
39-PKC-7	0,4296	0,6920	37,7692	0,1908	0,1770	0,0148	58,4819	0,3822	
40-PKC-7	0,1797	0,0520	17,1690	29,4880	0,4801	0,0053	54,0506	0,0280	
41-PKC-7	0,1790	0,0920	17,4628	29,4006	0,0991	0,0057	53,6130	0,2351	
42-PKC-7	0,1586	0,0880	29,2030	12,1343	0,3776	0,0050	55,8632	1,1518	
43-PKC-7	0,3271	1,4320	25,1190	15,8781	0,4135	0,0148	53,1640	0,9992	
44-PKC-7	0,5251	2,7680	31,9649	7,1970	0,4470	0,0246	56,1662	0,6849	
45-PKC-7	0,3000	2,2320	37,4232	0,1861	0,6036	0,0301	58,5191	0,6857	
46-PKC-7	0,0400	0,5040	38,1704	0,0575	0,3534	0,0090	59,1997	0,4793	
47-PKC-7	0,0800	0,3920	38,4330	0,0472	0,4125	0,0097	59,0173	1,4113	
48-PKC-7	0,1600	1,0360	37,9049	0,0582	0,4611	0,0138	58,4911	1,1643	
49-PKC-7	0,3000	1,1040	37,8744	0,0735	0,4935	0,0175	58,3458	1,4096	
50-PKC-7	0,4700	1,6520	36,1728	1,6076	0,3717	0,0226	57,4871	0,6368	
51-PKC-7	0,1900	1,4840	20,7060	22,9390	0,2740	0,0100	52,9612	0,3783	
52-PKC-7	0,1000	0,2640	17,6792	28,3269	0,0557	0,0051	53,0041	0,0736	
53-PKC-7	0,1300	0,5880	21,3060	22,7270	0,1400	0,0135	53,4779	0,3587	
54-PKC-7	0,3800	0,8760	18,7116	27,0721	0,1582	0,0248	53,4940	0,3496	
55-PKC-7	0,4600	1,3880	19,4824	25,1482	0,1928	0,0372	53,0579	0,3178	
56-PKC-7	0,8100	4,4160	32,3040	3,1799	0,7470	0,3192	54,2412	0,9509	
57-PKC-7	0,3200	1,2960	20,2020	24,0605	0,2878	0,0606	53,3569	0,3999	
58-PKC-7	0,3200	5,2640	33,0727	3,0942	0,3773	0,0953	53,4888	1,7006	
59-PKC-7	0,3900	0,9680	21,7825	21,7825	0,2398	0,0549	53,7890	0,1721	
60-PKC-7	2,1400	5,1920	32,9736	1,7036	0,8293	0,4121	53,2863	2,4016	
61-PKC-7	0,4300	0,7320	20,1960	23,3263	0,2423	0,0757	52,7325	0,2812	
62-PKC-7	0,4600	0,9240	20,7209	23,3608	0,1354	0,0871	53,4461	0,2449	
63-PKC-7	0,1500	0,9680	21,1321	22,7270	0,1584	0,0301	53,4141	0,1905	
64-PKC-7	2,6000	3,9680	24,5089	10,9593	0,5977	1,2453	51,4241	1,3448	
65-PKC-7	0,3500	0,5800	18,4745	25,3678	0,0791	0,9395	54,3129	0,0728	
66-PKC-7	0,7700	0,2800	36,9350	1,1567	0,0720	0,1268	58,4237	0,0995	
67-PKC-7	0,6300	1,0720	19,0247	24,1313	0,1431	0,4881	52,6728	0,2995	
68-PKC-7	0,0700	2,1840	31,6390	2,9915	0,5577	1,3690	55,1391	1,8146	
69-PKC-7	0,0400	0,8160	20,0500	24,7617	0,3709	0,0350	53,6170	0,6882	
70-PKC-7	0,0900	0,2920	27,1188	15,9197	0,1838	0,0135	56,0100	0,8163	
71-PKC-7	0,0500	0,6120	27,9588	14,9776	0,1609	0,0136	56,5921	0,5138	
72-PKC-7	0,0500	0,3040	21,4064	23,7071	0,1100	0,0875	54,7341	0,3000	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 3

Poço PKC-7-SE Folha de Amostragem N.º 9 - 12 Intervalo (m) 12,51

Intervalo de Profundidade 468,53/481,04 metros Químico Gilberto Santana

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
73-PKC-7	0,3300	1,9360	25,1475	16,7482	0,6286	0,0181	53,9337	1,6104	
74-PKC-7	0,1100	0,1720	20,1100	24,8358	0,1005	0,0075	53,4557	0,3619	
75-PKC-7	0,0700	0,3560	27,6650	14,5769	0,1438	0,0125	55,9199	0,3319	
76-PKC-7	0,0900	0,2600	19,6831	25,0016	0,1888	0,0089	53,0573	0,4345	
77-PKC-7	0,5600	1,9200	24,1200	17,1352	0,5829	0,0301	52,9775	1,1739	
78-PKC-7	0,2500	0,4960	20,0960	24,2659	0,1597	0,0174	52,9935	0,4438	
79-PKC-7	0,1800	0,7920	23,8095	19,2076	0,2346	0,0159	54,2266	0,4877	
80-PKC-7	0,2200	0,6880	19,9860	24,6827	0,2098	0,0129	53,2810	0,4322	
81-PKC-7	0,2700	0,7680	19,9860	24,6827	0,2019	0,0124	53,2810	0,4322	
82-PKC-7	0,3100	1,6000	23,0097	20,1840	0,3935	0,0156	53,7600	1,0305	
83-PKC-7	0,2700	0,0800	23,1327	21,9362	0,0139	0,0129	55,4187	0,2727	
84-PKC-7	0,9100	0,9120	23,7266	18,7665	0,1534	0,1124	54,0538	0,1956	
85-PKC-7		2,6360	23,5865	4,4035	0,6073	3,1634	49,6271	1,4028	
86-PKC-7	0,4100	1,7240	25,4350	15,6679	0,6053	0,0305	53,3369	1,6909	
87-PKC-7	0,1300	0,3040	19,6627	24,8651	0,1123	0,0107	53,0005	0,1191	
88-PKC-7	0,1600	0,2680	24,9810	18,3328	0,0273	0,0098	54,8551	0,4884	
89-PKC-7	0,3700	0,8480	23,6831	18,6023	0,4313	0,0354	53,6081	0,8695	
90-PKC-7		0,4400	14,5209	11,8417	0,2493	4,6272	46,6876	0,5087	
91-PKC-7		0,9200	6,5573	10,1153	0,2988	7,0315	39,9951	0,4300	
92-PKC-7		0,2200	0,3069	0,2078	5,9754	9,3528	38,2370	0,3661	
93-PKC-7		0,7640	1,4852	0,1495	6,5107	8,6470	39,0149	0,1966	
94-PKC-7		2,8800	13,9117	3,6445	2,6943	5,2065	43,4844	1,6542	
95-PKC-7		0,3640	2,5578	2,3603	4,8856	8,3754	39,1022	0,0591	
96-PKC-7		0,8280	9,8761	9,1576	0,1770	6,7038	43,1930	0,2668	
97-PKC-7		1,6960	12,0605	6,4956	0,5402	4,6051	37,8596	1,1356	
98-PKC-7		3,0560	19,4302	5,0697	1,0035	3,4999	45,6166	1,2486	
99-PKC-7		0,9920	8,9946	9,6240	0,2664	6,5988	42,0634	0,3290	
100-PKC-7		1,3320	12,9484	8,4468	0,4678	5,8672	44,6960	1,1665	
101-PKC-7		3,2280	21,8430	4,4276	1,0120	3,0572	46,8180	2,1397	
102-PKC-7		1,2680	9,9797	9,2870	0,4743	6,4005	43,0249	0,3844	
103-PKC-7		2,0520	27,5049	3,0051	0,8747	2,0119	50,8054	2,3565	

MINISTÉRIO DAS MINAS E ENERGIA
 D. N. P. M.
 Projeto Potássio
 RESULTADOS DE ANÁLISES
 FÓLHA N.º 4

Poço PKC-7-SE Folha de Amostragem N.º 13 Intervalo (m) 16,35
 Intervalo de Profundidade 433,00/449,35 Químico Gilberto Santana

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ·	SO ₄ ··	Br ₂
104-PKC-7	0,0223	0,8840	37,3411	0,0040	0,9259	0,0067	57,5143	2,2850	
105-PKC-7	0,1027	1,6240	36,8993	0,0095	0,9525	0,0175	56,7671	2,5431	
106-PKC-7	0,7143	7,0320	34,2856	0,0393	0,9277	0,0317	53,0216	2,1817	
107-PKC-7	0,4122	5,1360	36,2992	0,0387	0,5768	0,0274	56,2426	1,1662	
108-PKC-7	0,2088	6,9240	36,2362	0,0607	0,2060	0,0183	55,6895	0,8838	

MINISTÉRIO DAS MINAS E ENERGIA

O. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 1

Poço PKC-9-SE Folha de Amostragem N.º 1 - 3 Intervalo (m) 10,8

Intervalo de Profundidade 662,25/677,05 metros Químico Aparecida Lisboa

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-PKC-9	0,4700	4,7960	34,9882	0,1027	1,1849	0,0294	53,1364	4,1790	
2-PKC-9	0,5400	4,7280	35,7264	0,1028	0,8882	0,0274	55,8281	1,3603	
3-PKC-9	0,4300	3,6400	29,4441	9,2538	0,7461	0,0318	54,2021	1,3478	
4-PKC-9	0,6700	6,0800	26,8627	10,3895	1,1258	0,0391	51,9331	1,3670	
5-PKC-9	0,3700	3,0880	17,8142	25,4488	0,6802	0,0247	51,1136	0,9020	
6-PKC-9	0,4200	4,2760	28,7158	11,0902	0,6882	0,0327	54,8264	1,1109	
7-PKC-9	0,2500	3,4680	21,7751	31,1527	0,6252	0,0180	50,8215	1,0157	
8-PKC-9	0,4700	4,2880	26,8766	13,1440	0,7503	0,0248	53,9304	1,1216	
9-PKC-9	0,3800	2,2360	16,4954	28,3403	0,5167	0,0177	51,6100	0,6540	
10-PKC-9	0,2845	2,1160	21,3969	21,6347	0,7181	0,0188	53,0369	1,2114	
11-PKC-9	0,1800	1,9640	23,6429	18,1792	0,6506	0,0162	53,3883	1,0066	
12-PKC-9	0,1460	0,9160	13,7284	32,9481	0,3358	0,0115	51,2969	0,5100	
13-PKC-9	0,0700	0,9800	16,1408	29,8016	0,3887	0,0141	52,1177	0,7113	
14-PKC-9	0,4294	0,8240	20,6315	23,4088	0,2430	0,0781	53,4678	0,3024	
15-PKC-9	0,8002	1,4680	23,3087	17,5512	0,6773	0,4930	53,4908	1,3551	
16-PKC-9	1,0218	1,2280	18,3583	7,0609	0,5295	4,2113	47,1206	1,0904	
17-PKC-9	1,1191	1,0520	16,7781	7,3404	0,4918	4,4941	45,8387	0,9010	
18-PKC-9	0,9392	1,1800	19,5069	6,2067	0,5470	3,9654	47,7487	0,6598	
19-PKC-9	0,6622	0,4680	19,1654	6,9674	0,2121	4,2174	48,3342	0,2804	
20-PKC-9	0,6769	0,4320	19,2979	7,0156	0,2135	4,2465	48,7803	0,1293	
21-PKC-9	0,8204	0,5320	23,0874	6,6177	0,1592	4,2293	54,0588	0,2009	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RES TADOS DE ANÁLISES

F A N.º 1

Poço PKC-10

Fólia de Amoas

N.º 7-9; 1-5

Intervalo (m) 68,29

Intervalo de Profundidade 591,00 / 679,41

Químico *Yara Almeida*

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br
38-PKC-10	0,3358	85,5840	0,1041	0,0145	4,0101	0,0073	0,4759	9,2304	
39-PKC-10	1,9508	88,3280	0,5426	0,0490	2,4368	0,0272	0,9502	5,8547	
40-PKC-10	2,0777	89,2360	0,7650	0,0568	1,9812	0,0293	1,5095	4,4871	
41-PKC-10	0,0102	0,3320	38,8426	0,0090	0,3904	0,0086	59,8291	1,0687	
42-PKC-10	0,1170	1,7720	37,0723	0,0100	1,1685	0,0109	57,0008	3,0770	
43-PKC-10	0,0001	0,1200	38,5574	0,0075	0,2409	0,0066	59,6494	0,3385	
44-PKC-10	0,0011	1,0000	37,5944	0,0095	0,6533	0,0088	58,1121	1,4126	
45-PKC-10	0,0012	1,1800	37,5548	0,0099	1,0936	0,0087	57,9845	2,5528	
46-PKC-10	0,0056	0,7800	37,8945	0,0090	0,5914	0,0120	58,2640	1,6955	
47-PKC-10	1,5503	7,8400	34,2520	0,0301	1,0604	0,0366	53,1927	2,2092	
48-PKC-10	0,6914	6,4680	35,2337	0,0265	0,8337	0,0310	55,3626	0,7455	
49-PKC-10	0,3237	8,6000	34,3343	0,0475	0,4954	0,0153	53,0128	1,1986	
50-PKC-10	0,2132	2,3480	37,5475	0,0445	0,3690	0,0162	58,0342	0,8075	
51-PKC-10	0,2606	0,9840	37,6050	0,0706	0,3610	0,0224	58,3070	0,5982	
1-PKC-10	0,0499	2,7880	36,2736	0,1092	0,4379	0,0316	56,3503	0,7381	
2-PKC-10	0,3402	0,6040	38,5359	0,1261	0,2371	0,0397	59,7403	0,4453	
3-PKC-10	1,0922	2,1800	35,7911	0,3863	0,5072	0,1310	56,2683	0,7402	
4-PKC-10	0,8696	0,1400	25,7408	16,2388	0,0470	0,3469	55,4542	0,0676	
5-PKC-10	0,6709	1,9240	36,5826	0,2918	0,4816	0,1020	57,2351	0,7400	
6-PKC-10	0,7486	0,3320	24,8446	16,6299	0,3894	0,3256	54,6522	0,5090	
7-PKC-10	1,8883	0,5280	29,3770	8,0837	0,4052	0,7977	55,2950	0,5035	
8-PKC-10	0,5091	0,2560	27,8256	13,1455	0,2020	0,2020	55,5167	0,3423	
9-PKC-10	1,8420	3,2040	26,8075	11,3680	0,5795	0,4812	53,3376	0,9923	
10-PKC-10	1,0611	2,3760	23,3181	17,5384	0,4870	0,2740	52,9261	0,8027	
11-PKC-10	1,3254	0,8840	20,3343	21,9136	0,3233	0,6539	53,4378	0,3546	
12-PKC-10	1,1128	0,6360	20,5794	22,1778	0,2634	0,3996	53,2970	0,2402	
13-PKC-10	0,9600	0,5080	35,8890	1,1956	0,3076	0,2666	57,2879	0,5360	
14-PKC-10	2,5723	0,7880	25,6794	13,0403	0,2608	0,8025	53,8298	0,5084	
15-PKC-10		1,3480	31,6686	3,0229	0,3393	0,9511	54,5109	0,5839	
16-PKC-10		1,0120	21,5330	20,1374	0,1894	0,6106	53,4088	0,2207	
17-PKC-10		1,5680	29,2174	10,2838	0,4229	0,7208	56,7995	0,5731	
18-PKC-10		0,8360	24,6245	11,7572	0,2220	1,3574	52,7645	0,2874	
19-PKC-10		2,5480	27,1943	8,9170	0,6601	0,6897	52,7308	0,6293	
20-PKC-10		0,6680	22,7716	19,6840	0,2316	0,3015	53,9101	0,4566	
21-PKC-10		3,2480	21,8570	5,6629	0,7352	2,9929	48,5360	0,4429	
22-PKC-10		1,6440	12,1116	9,3057	0,2675	5,6268	43,7613	0,3170	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 2

Poço PKC-10

Fólia de Amostragem N. 5-6; 10-13

Intervalo (m) 82,90

Intervalo de Profundidade 679,41 - 764,75

Químico Yara Alusol

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ^{..}	
23-PKC-10		0,5360	5,4088	11,8318	0,1291	7,0427	39,7382	0,1250	
24-PKC-10		0,6040	5,8325	11,7052	0,1559	7,2403	40,8848	0,1471	
25-PKC-10		0,4560	3,2427	8,5146	2,0391	7,7089	38,7319	0,1045	
26-PKC-10		0,2600	0,7083	0,2227	6,6218	9,0296	39,3004	0,0399	
27-PKC-10		3,6600	18,6298	5,6690	0,9515	3,5056	45,1346	0,8585	
28-PKC-10		0,1880	0,9512	0,2520	6,5754	9,4521	40,8747	0,0220	
29-PKC-10		0,1880	0,0452	0,0185	6,8262	9,5200	39,9100	0,0175	
30-PKC-10		0,1160	0,1641	0,0626	6,8465	9,1031	38,9576	0,0156	
31-PKC-10		0,1720	0,0414	0,0507	6,6278	8,9320	37,8745	0,0115	
32-PKC-10		0,9080	4,3939	0,6025	5,5438	7,6358	39,2056	0,2490	
33-PKC-10		0,1400	0,4145	0,1912	6,4648	9,3325	39,4496	0,1988	
34-PKC-10		1,5920	8,2961	0,6338	5,0534	7,2380	43,0459	0,4951	
35-PKC-10		0,2320	0,0909	0,0095	6,6062	9,1166	38,2693	0,2087	
36-PKC-10		0,1440	0,0315	0,0111	6,3470	9,0485	37,6678	0,0067	
37-PKC-10		0,1720	0,2251	0,0379	6,7415	9,6108	40,3190	0,0181	
52-PKC-10		0,5000	2,7133	0,3240	6,4106	8,6966	41,0349	0,1971	
53-PKC-10		0,4480	2,8793	0,2475	6,4154	8,2086	39,8837	0,0890	
54-PKC-10		0,1760	0,1593	0,0069	7,4209	9,1153	39,9586	0,0100	
55-PKC-10		0,1600	0,1286	0,0054	7,4533	9,0985	39,9148	0,0080	
56-PKC-10		0,3360	1,5378	0,3989	6,6320	8,7263	39,9068	0,0068	
57-PKC-10		0,1960	0,4365	0,4395	7,0267	8,8756	39,4377	0,0080	
58-PKC-10		1,9600	15,4891	7,5946	0,6670	4,7092	45,2359	0,6003	
59-PKC-10		0,1400	0,3699	0,0997	7,3286	9,1857	40,4076	0,0100	
60-PKC-10		0,0760	0,0965	0,0657	7,1085	9,3473	40,0125	0,0197	
60A-PKC-10		0,1760	0,3250	0,0343	7,1456	9,2141	40,6753	0,0220	
61-PKC-10		0,0840	0,2447	0,1380	7,3281	9,1664	39,7567	0,0099	
62-PKC-10		0,2640	0,8838	0,6829	6,7043	9,0144	40,1134	0,0248	
63-PKC-10		0,4800	4,2497	2,8381	5,1376	7,9808	41,3897	0,1302	
64-PKC-10		1,6560	22,6462	5,4351	0,7020	3,1578	49,8140	0,6259	
64A-PKC-10		0,5200	0,2389	0,0443	7,1344	9,1386	39,6799	0,0019	
65-PKC-10		0,9680	28,5476	3,6187	0,6031	1,9224	52,7952	1,5916	
66-PKC-10		1,0200	36,6496	0,3012	0,6024	0,1720	57,2523	1,4897	
67-PKC-10		0,5280	10,0270	10,6286	0,3133	6,3671	43,6292	0,7977	
68-PKC-10		6,2400	30,2513	1,0818	1,6662	0,8138	50,9223	3,4737	
69-PKC-10		52,4640	5,6393	2,2627	5,3459	1,3675	23,7122	0,6534	
70-PKC-10		57,6000	3,6177	1,9728	6,3361	1,1926	20,7646	1,7506	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º.....

Poço PKC-10 Fôlha de Amostragem N. Intervalo (m)

Intervalo de Profundidade Químico

N.º de Amostra	H ₂ O	R I	Na †	K †	Ca ††	Mg ††	Cl -	SO ₄ --
71-PKC-10		22,0640	20,6794	2,4328	1,6472	1,5078	38,5624	3,8477
72-PKC-10		19,5960	22,3468	1,6334	1,8163	1,6609	42,1502	2,4945
73-PKC-10		4,2080	7,1704	3,4358	4,3072	6,9215	41,7525	0,3012
74-PKC-10		5,8720	8,2697	1,3413	5,7988	6,2527	41,4351	1,3882
75-PKC-10		3,2160	3,6613	2,5462	5,2429	7,9692	40,2314	0,3242
76-PKC-10		5,0840	4,3086	0,0941	6,2688	7,6402	39,7198	0,5189
77-PKC-10		3,8040	5,8362	3,3632	4,2906	7,2953	40,7340	0,2426
77A-PKC-10		1,0560	0,8021	0,8823	7,0941	8,8137	40,1811	0,1495
78-PKC-10		3,9760	4,8248	1,9869	4,9424	7,2572	40,5501	0,2996
79-PKC-10		4,1200	5,4961	0,2498	6,1332	7,5447	41,3229	0,3202
80-PKC-10		3,3320	5,5232	3,6485	4,3213	7,4987	40,9556	0,5159
81-PKC-10		7,8760	8,8893	0,3259	5,1854	6,1731	40,7984	0,5163
82-PKC-10		3,4160	5,5961	0,2502	6,2631	7,3831	41,2280	0,3196
82A-PKC-10		0,6280	0,7410	0,4306	7,4100	8,9665	40,7290	0,0898
83-PKC-10		6,6000	10,4988	6,0570	1,8297	5,7036	40,8895	0,8915
84-PKC-10		10,2680	28,9478	1,0720	2,0862	0,6613	47,7468	4,3573
85-PKC-10	0,7115	3,5360	35,0000	0,1280	1,0250	0,0487	56,0139	2,3397
86-PKC-10		0,7600	24,4292	4,9559	0,6632	2,9159	50,5534	1,7379
87-PKC-10		0,8600	25,5001	4,4525	0,7658	2,5898	51,2998	1,3049
88-PKC-10		0,3400	13,5796	8,9865	0,4118	5,2421	44,2879	1,1015
89-PKC-10		1,1280	28,2438	3,2321	0,8287	2,0088	52,3921	1,9104
90-PKC-10	0,1389	0,8600	35,9100	0,1516	1,6957	0,0947	55,6614	4,1098
91-PKC-10	0,1389	1,7177	36,5657	0,7313	0,3506	0,3167	57,8750	0,9581
92-PKC-10	1,4507	0,4000	37,3125	0,7363	0,0815	0,2014	58,8040	0,1206
93-PKC-10	0,7636	0,3720	38,0047	0,2992	0,1865	0,9975	59,1095	0,5112
94-PKC-10	0,9723	0,3000	36,9774	0,7814	0,1232	0,2379	58,3479	0,3392
95-PKC-10	1,5520	0,9440	36,6622	0,5108	0,1126	0,2679	57,8808	0,1157
96-PKC-10	0,9024	13,8140	32,2048	0,1459	0,3019	0,0704	50,2902	0,3179
97-PKC-10	0,3316	0,1920	38,8908	0,0344	0,0478	0,0134	60,1126	0,0044
98-PKC-10	0,2952	1,3160	37,5236	0,0378	0,1654	0,0131	57,5628	0,8921
99-PKC-10	0,4351	0,7200	38,5804	0,0346	0,0532	0,0192	59,6630	0,0087
100-PKC-10	0,3958	1,1680	37,8371	0,0425	0,3565	0,0289	58,5418	0,7471
101-PKC-10	0,2327	3,4680	36,1672	0,0768	0,9648	0,0293	55,7339	2,3877
102-PKC-10		0,7760	14,9902	9,0040	0,6545	4,9310	45,8089	1,3588
103-PKC-10		0,4960	10,8084	11,2546	0,4710	5,9248	44,2721	0,9580
104-PKC-10		0,8880	21,5465	6,7809	0,7083	3,4280	49,1925	1,9339

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FOLHA N.º 4

Poço PKC-10

Folha de Amostragem N.º 21-27

Intervalo (m) 123,91

Intervalo de Profundidade 899,35-1023,26

Químico Jorge Almeida

N.º da Amostra	H ₂ O	RI	Na+	K+	Ca++	Mg++	Cl-	SO ₄ ..
105-PKC-10		1,0920	11,8778	10,4686	0,9814	5,2594	42,6789	2,9802
106-PKC-10		2,6960	19,6650	5,5760	2,0027	3,4726	45,3906	4,7692
107-PKC-10	0,6579	3,5200	35,0053	0,0844	1,3982	0,0540	54,2235	3,3302
108-PKC-10	3,1745	17,1840	26,0858	0,1826	3,2105	0,0877	40,4441	7,9600
109-PKC-10	0,7195	3,1760	35,7246	0,0767	1,2443	0,0536	56,8371	0,8968
110-PKC-10	1,0272	5,0160	33,8716	0,0534	1,7629	0,0599	54,0768	4,0384
111-PKC-10	0,6234	2,3920	36,5166	0,0739	0,8136	0,0416	56,4249	2,0355
112-PKC-10	1,2394	7,2800	33,5735	0,0774	1,3508	0,0632	52,0327	3,2211
113-PKC-10	2,9986	20,4520	27,6248	0,1440	1,2818	0,1142	43,0211	3,1195
114-PKC-10	1,3024	10,9200	31,1110	0,0707	1,8090	0,0732	48,1669	4,4554
115-PKC-10	0,2552	3,3480	35,6088	0,0321	1,1064	0,0306	55,2005	2,4057
116-PKC-10	0,2476	3,9360	36,7337	0,0229	0,4691	0,0227	56,6070	1,2821
117-PKC-10	5,1500	66,2320	6,4785	0,2421	2,9302	0,2273	11,0945	6,7214
118-PKC-10	0,2584	5,1200	35,5994	0,0175	0,8924	0,0243	55,9454	1,0400
119-PKC-10	4,9030	63,8440	9,1118	0,1397	1,9759	0,2148	15,8464	3,3224
120-PKC-10	0,5258	9,9280	31,8528	0,0258	2,0256	0,0362	49,8597	4,0184
121-PKC-10	0,3600	4,7000	34,9747	0,0154	1,4208	0,0241	54,8890	3,2201
122-PKC-10	0,3145	2,5440	37,8166	0,0129	0,1381	0,0146	58,5994	0,0116
123-PKC-10	4,4769	63,7720	8,2899	0,1134	2,7386	0,1776	13,9087	5,8777
124-PKC-10	0,5820	8,1880	33,0230	0,0231	1,5404	0,0262	51,2461	3,3768
125-PKC-10	0,1836	2,3120	36,3013	0,0090	0,9476	0,0100	56,2095	1,9942
126-PKC-10	0,1803	3,4480	36,0081	0,0090	0,9648	0,0107	55,6861	2,1412
127-PKC-10	0,1803	2,9320	36,2144	0,0085	0,8453	0,0086	55,8548	2,0489
128-PKC-10	0,3047	5,6240	34,2228	0,0118	1,6419	0,0154	53,5239	2,9824
129-PKC-10	0,2103	1,2000	37,4044	0,0119	0,4775	0,0121	57,8980	0,9046
130-PKC-10	0,3524	3,6680	35,5429	0,0104	1,2245	0,0142	55,1439	2,5411
131-PKC-10	0,1712	1,3080	37,9682	0,0009	1,1903	0,0091	58,7122	0,3553
132-PKC-10	0,0696	0,9880	37,9096	0,0007	0,2727	0,0071	58,6534	0,4088
133-PKC-10	0,2952	2,0480	37,0962	0,0110	0,6266	0,0122	58,2056	0,8972
134-PKC-10	0,2320	2,4200	37,1667	0,0005	0,3576	0,0107	57,7336	0,5155
135-PKC-10	0,7131	88,0360	1,0706	0,0178	2,4286	0,0176	2,0688	5,3482
136-PKC-10	2,1308	94,4880	0,4419	0,0345	0,6905	0,0238	0,9939	1,3685

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 1

Poço PKC-11-SE Folha de Amostragem N.º 1-3 Intervalo (m) 11,88

Intervalo de Profundidade 365,43/377,31 metros Químico Bartolomeu Barbosa

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ++	Mg ++	Cl ⁻	SO ₄ --	Br ₂
1-PKC-11	0,2984	1,4200	38,0235	0,0572	0,3085	0,0233	58,7726	0,7033	
2-PKC-11	0,2587	0,5640	38,5286	0,1911	0,1858	0,0094	59,6100	0,4408	
3-PKC-11	0,5994	6,0680	36,2922	0,0902	0,4299	0,0216	56,3669	0,6720	
4-PKC-11	0,1210	0,6720	38,4547	0,0600	0,1516	0,0130	59,3244	0,4440	
5-PKC-11	0,2083	1,1800	38,4255	0,0756	0,1516	0,0184	59,3104	0,4420	
6-PKC-11	0,0892	1,6280	38,0250	0,1254	0,2986	0,0207	58,8120	0,7032	
7-PKC-11	0,0895	0,2720	21,3935	23,7706	0,0842	0,0063	54,5652	0,1918	
8-PKC-11	0,2684	4,2240	30,1677	9,6478	0,5681	0,0137	55,6663	0,8682	
9-PKC-11	0,2298	0,9400	22,9951	21,5831	0,1538	0,0081	55,0723	0,3371	
10-PKC-11	0,2374	3,8040	31,7844	7,7499	0,1638	0,0112	55,8296	0,7138	
11-PKC-11	0,1492	4,0840	31,1610	8,6777	0,2909	0,0116	55,8255	0,8621	
12-PKC-11	0,3509	0,2360	38,6855	0,0673	0,1652	0,0113	59,8910	0,1920	
13-PKC-11	0,4145	0,4000	38,5232	0,0722	0,2016	0,0163	59,3545	0,6977	
14-PKC-11	0,3304	0,1040	38,2352	0,0544	0,3672	0,0084	59,1778	0,6758	
15-PKC-11	0,4932	1,3400	30,3227	10,9994	0,3072	0,0164	56,7592	0,7569	
16-PKC-11	0,5320	0,6240	38,1932	0,1919	0,3043	0,0160	59,1359	0,6928	
17-PKC-11	0,3997	0,9600	22,6717	20,9886	0,1930	0,0127	54,0830	0,3838	
18-PKC-11	0,3803	1,3040	37,8615	0,9317	0,1839	0,0154	59,0695	0,7063	
19-PKC-11	0,2692	0,6360	38,4376	0,0931	0,3103	0,0145	59,3144	0,8482	
20-PKC-11	0,2155	0,5360	38,0997	0,1540	0,3652	0,0110	58,8137	1,0133	
21-PKC-11	0,4166	2,7280	24,5836	17,6085	0,4975	0,0182	53,7496	1,4265	
22-PKC-11	0,1402	0,6400	38,2057	0,1885	0,2410	0,0103	59,0330	0,6799	
23-PKC-11	0,4391	2,9480	35,6936	1,9050	0,4662	0,0144	56,8915	0,9974	
24-PKC-11	0,1906	0,6320	38,4992	0,0788	0,2181	0,0105	59,1966	0,8823	
25-PKC-11	0,1599	0,1000	38,1385	0,0402	0,4668	0,0078	58,9454	1,0069	

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FÓLHA N.º 1

Poço PKC-12-SE Folha de Amostragem N. 1-5 Intervalo (m) 12,56

Intervalo de Profundidade 579,72/588,42 metros Químico Cleobaldo Araújo

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-PKC-12	1,9100	21,7160	27,0841	0,1263	1,7564	0,0649	42,2694	3,9292	
2-PKC-12	0,3300	4,3520	35,5870	0,0720	0,7520	0,0188	55,6706	0,8901	
3-PKC-12	0,6091	6,0880	34,5720	0,1130	1,0990	0,0200	54,7360	0,8960	
4-PKC-12	0,3199	4,4600	31,0440	5,8710	0,8150	0,0150	54,0580	0,8040	
5-PKC-12	0,2196	1,9720	22,9912	19,8200	0,2269	0,0118	53,5155	0,4540	
6-PKC-12	0,5786	6,9680	28,9710	7,0130	1,1489	0,0221	52,0374	1,4500	
7-PKC-12	0,5213	4,1320	27,9440	10,3892	0,7235	0,0191	53,5535	0,4504	
8-PKC-12	0,4810	3,0350	17,4768	26,0166	0,7133	0,0236	51,3060	0,8249	
9-PKC-12	0,4757	3,9920	33,0296	3,4640	0,7804	0,0155	55,0560	0,6448	
10-PKC-12	0,3689	3,7840	27,3900	13,7610	0,9500	0,0150	56,1750	0,3210	
11-PKC-12	0,2997	2,7240	29,2934	10,0266	0,8296	0,0118	55,3720	0,5080	
12-PKC-12	0,1600	2,1920	25,8440	15,1540	0,8030	0,0117	54,5212	0,6532	
13-PKC-12	0,1891	1,4960	23,8800	18,2284	0,5601	0,0088	53,9650	0,5020	
14-PKC-12	0,4200	4,1680	29,2292	8,7087	1,3013	0,0149	52,3950	3,9920	
15-PKC-12	0,2682	2,0160	23,9850	17,2200	0,7052	0,0111	52,1625	2,3400	
16-PKC-12	0,2676	0,7120	31,5432	9,3012	0,3851	0,0070	57,0570	0,9880	
17-PKC-12	0,4442	1,4320	20,6020	22,4022	0,8000	0,0130	52,1977	1,8481	
18-PKC-12	0,2100	1,6760	28,4284	11,4114	0,9099	0,0110	53,8920	2,5449	
19-PKC-12	0,3789	2,4200	35,6928	0,3902	1,3060	0,0099	55,2048	3,4503	
20-PKC-12	0,2700	1,3560	30,9752	8,8928	0,6744	0,0084	56,0392	1,3509	
21-PKC-12	0,4833	2,8720	35,1702	0,3507	1,6473	0,0134	55,3557	2,9423	
22-PKC-12	0,5002	2,6600	29,7326	8,0088	1,3644	0,0123	53,9352	2,1973	
23-PKC-12	0,4192	1,9040	27,8616	12,2018	0,9998	0,0119	54,6426	1,6190	
24-PKC-12	0,2300	1,2040	24,0834	18,7968	0,7097	0,0144	54,6556	1,1237	
25-PKC-12	0,1951	1,9560	31,9040	5,9820	1,1565	0,0120	54,8595	2,5551	
26-PKC-12	0,1601	1,0520	22,9971	20,5296	0,6257	0,0141	54,6966	0,7343	
27-PKC-12	2,0093	1,8600	34,5633	1,9616	1,2142	0,0289	56,0945	1,6318	
28-PKC-12	0,3479	1,4440	20,1746	23,3050	0,8640	0,0217	53,4199	0,5569	
29-PKC-12	0,2179	2,0000	31,6600	5,6749	1,2255	0,0139	54,9854	1,6068	
30-PKC-12	0,2695	1,7040	25,7382	15,6842	1,0606	0,0143	53,9516	2,5359	
31-PKC-12	0,3275	1,8200	34,9806	1,2839	1,2132	0,0269	55,3560	2,7183	
32-PKC-12	0,5574	2,4720	28,3507	9,9424	1,5873	0,0467	54,3560	1,7780	
33-PKC-12	0,1003	1,5080	35,6832	1,3104	1,1844	0,0111	56,5098	2,5280	
34-PKC-12	0,4288	1,6120	19,4218	24,7186	0,7969	0,0313	53,0296	1,1217	
35-PKC-12	1,4028	2,8000	33,2438	1,2911	1,8922	0,3324	53,5724	4,2959	
36-PKC-12	0,4668	1,2160	19,6200	25,1136	0,7112	0,0266	53,5342	1,1216	

MINISTÉRIO DAS MINAS E ENERGIA
 O. N. P. M.
 Projeto Potássio
 RESULTADOS DE ANÁLISES
 FOLHA N.º 2

Poço PKC-12-SE Folha de Amostragem N.º 5-8 Intervalo (m) 7,08

Intervalo de Profundidade 588,42/596,48 metros Químico Cleobaldo Araújo

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻	Br ₂
37-PKC-12	0,2997	1,0840	19,5069	24,3344	0,7019	0,0170	51,5600	2,5380	
38-PKC-12	1,1700	4,8600	31,7210	0,6100	3,5584	0,0813	48,7345	9,8380	
39-PKC-12	0,3800	2,0840	25,4930	14,5114	1,5197	0,0220	52,5796	3,5707	
40-PKC-12	0,4600	3,8600	33,7713	1,3468	2,5755	0,0219	52,7692	6,9643	
41-PKC-12	0,4075	1,5000	15,7178	27,8544	0,8953	0,0238	49,2917	2,5130	
42-PKC-12	1,0313	8,6520	29,7613	0,7090	4,2444	0,0649	46,8412	10,0120	
43-PKC-12	1,2178	5,2800	28,0364	5,0149	3,5786	0,1036	49,1722	7,0917	
44-PKC-12	0,5822	1,0280	11,6478	34,0568	0,6529	0,0906	49,1606	1,4886	
45-PKC-12		0,3800	2,7789	12,5949	0,3248	7,7469	38,5404	0,4501	
46-PKC-12		5,5920	22,9071	2,9236	3,1346	2,0119	45,1199	5,7727	
47-PKC-12		0,4280	1,5898	12,2996	0,3679	8,1320	37,1693	1,0823	
48-PKC-12		0,3840	2,3244	12,1323	0,2322	7,8365	36,5689	1,7308	
49-PKC-12		3,0640	9,9458	20,8903	0,6878	0,8853	37,1018	1,3168	
50-PKC-12	1,0500	4,5280	33,1155	0,1816	2,0080	0,0853	52,4472	3,4874	
51-PKC-12	0,8994	3,3720	34,2696	0,1831	1,8996	0,0450	53,2868	4,3502	
52-PKC-12	0,5000	4,8120	34,2440	0,0669	1,9870	0,0292	52,7748	4,9939	

MINISTÉRIO DAS MINAS E ENERGIA
 O. N. P. M.
 Projeto Potássio
 RESULTADOS DE ANÁLISES
 FÔLHA N.º 1

Poço PKC-14-SE Folha de Amostragem N.º 1-2 Intervalo (m) 10,61

Intervalo de Profundidade 443,9/454,51 metros Químico Eilberto Santana

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-PKC-14	0,4198	2,5680	37,7803	0,0609	0,2681	0,0155	58,5331	0,3939	
2-PKC-14	0,4200	1,6280	37,3674	0,1486	0,3314	0,0168	57,9096	0,6470	
3-PKC-14	0,2497	0,6520	33,2365	5,7062	0,6507	0,0075	56,8554	0,9989	
4-PKC-14	0,3800	0,4960	26,2943	15,2547	0,4014	0,0075	54,7001	0,5479	
5-PKC-14	0,6300	2,7760	31,5487	7,3415	0,4662	0,0179	55,8447	0,4535	
6-PKC-14	0,2490	0,9520	21,0819	22,9893	0,1566	0,0098	53,1786	0,6474	
7-PKC-14	0,9691	4,1080	29,3529	9,2851	0,3494	0,0549	53,9767	0,6509	
8-PKC-14	3,4300	4,7800	32,8575	1,9603	0,1915	0,6173	54,4695	0,1488	
9-PKC-14	0,8592	0,6800	37,4075	0,0945	0,6051	0,0218	58,1592	0,9997	
10-PKC-14	0,5400	0,2680	38,0419	0,0483	0,2536	0,0083	58,8059	0,4968	
11-PKC-14	0,5189	1,3320	37,5271	0,0692	0,3562	0,0148	58,2305	0,4983	
12-PKC-14	0,6990	0,4920	37,9360	0,0366	0,4215	0,0113	58,7148	0,7970	

MINISTÉRIO DAS MINAS E ENERGIA
 U. N. P. M.
 Projeto Potássio
 RESULTADOS DE ANÁLISES
 FOLHA N.º 1

Poço: PKC-16 Folha de Amostragem N.º 1 - 6 Intervalo (m) 14,84

Intervalo de Profundidade 684,50/699,34 Químico Jorge Abud

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-PKC-16	0,2876	0,1320	39,0236	0,0503	0,1771	0,0069	60,1165	0,5423	
2-PKC-16	0,3201	0,6240	38,3800	0,0464	0,1864	0,0141	59,0660	0,7076	
3-PKC-16	0,2379	0,0920	38,7814	0,00798	0,2230	0,0128	59,6525	0,8757	
4-PKC-16	1,9852	14,0360	32,0928	0,1945	0,4914	0,0539	49,1675	0,8773	
5-PKC-16	0,2502	0,6280	38,1297	0,1754	0,1633	0,0094	59,2689	0,4350	
6-PKC-16	0,1600	0,2560	19,2550	25,2730	0,0641	0,0030	52,7298	0,6979	
7-PKC-16	0,3171	0,3960	27,7480	14,3695	0,1199	0,0119	55,9112	0,2018	
8-PKC-16	0,1995	0,1800	18,4147	26,3210	0,1013	0,0043	52,3376	0,1598	
9-PKC-16	0,0996	0,0920	22,2200	21,4120	0,0590	0,0064	53,8284	0,0633	
10-PKC-16	0,2998	0,1880	19,6495	25,1573	0,0982	0,0074	53,2904	0,1350	
11-PKC-16	0,5204	0,9920	21,1296	22,4192	0,2053	0,0183	53,0373	0,3870	
12-PKC-16	0,0789	0,0760	21,4363	22,3379	0,0766	0,0093	53,2452	0,2994	
13-PKC-16	2,2550	1,6400	23,5862	18,0628	0,2164	0,0487	53,0477	0,3014	
14-PKC-16	0,3566	1,2680	20,2551	23,4324	0,2916	0,0349	52,7063	0,5236	
15-PKC-16	1,6745	2,1760	19,4659	22,8952	0,4160	0,1260	51,1364	0,5155	
16-PKC-16	0,3287	0,3400	18,0378	27,4575	0,1177	0,0132	52,2197	0,9978	
17-PKC-16	0,6225	0,6000	18,0113	26,6686	0,1592	0,0309	52,0804	0,3295	
18-PKC-16	1,2304	4,0560	26,4976	12,3455	0,6209	0,0522	52,1359	1,3946	
19-PKC-16	0,8162	1,5400	22,4892	19,6034	0,2329	0,0018	52,5857	0,3818	
20-PKC-16	0,5118	0,1640	19,6912	24,5514	0,0995	0,0146	52,7218	0,1596	
21-PKC-16	0,2972	0,8840	17,8124	27,2690	0,0993	0,0157	52,2930	0,1598	
22-PKC-16	0,8055	2,1240	23,9846	18,6822	0,3097	0,0450	51,7852	0,7062	
23-PKC-16	0,4388	0,2440	19,6224	24,8651	0,2471	0,0159	52,9437	0,4609	
24-PKC-16	0,2202	0,2800	17,8560	27,1808	0,1223	0,0104	52,2514	0,2338	
25-PKC-16	0,1700	0,0760	15,3398	31,0833	0,1122	0,0078	51,8586	0,2655	
26-PKC-16	0,5789	1,3800	19,0102	24,3848	0,2677	0,0349	51,5645	0,5826	
27-PKC-16	0,3028	0,6960	17,7412	26,6118	0,0373	0,0194	51,4926	0,1605	
28-PKC-16	0,3171	0,4200	19,4980	24,7207	0,2039	0,0205	52,6018	0,4020	
29-PKC-16	0,4776	0,1480	18,9926	25,4340	0,0796	0,0614	52,5739	0,1154	
30-PKC-16	7,2691	7,6400	24,1225	3,0900	1,9936	1,4752	45,9349	2,5579	
31-PKC-16	2,8784	4,7080	33,3128	0,5769	1,1789	0,3599	53,6614	1,8437	
32-PKC-16	4,7870	7,7600	31,6000	0,6800	1,7000	0,4000	49,8188	1,6000	
33-PKC-16	3,8882	4,8640	32,4556	0,9766	0,6431	0,5269	53,3981	0,2708	
34-PKC-16	0,7280	0,7120	37,8523	0,1882	0,1426	0,0792	58,0046	0,1513	
35-PKC-16	2,2829	3,1120	34,4565	0,4634	0,7870	0,2228	54,9445	0,8734	
36-PKC-16	1,1000	0,5200	33,5769	3,8941	0,1564	0,2848	56,1869	0,3017	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 2

Poço PKC-16 Folha de Amostragem N. 6 - 11 Intervalo (m) 30,49

Intervalo de Profundidade 699,31/723,09 Químico Jorge Abud

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
37-PKC-16		5,2880	11,6017	7,5532	0,7112	5,0355	39,9717	0,9531	
38-PKC-16		12,1000	14,3193	4,2262	2,7718	3,0557	36,7755	1,0014	
39-PKC-16	3,6313	9,2000	30,1271	0,4061	1,6547	0,2594	48,6658	2,4925	
40-PKC-16	2,4186	3,4920	35,4516	0,2388	0,4183	0,1560	55,8965	0,2321	
41-PKC-16	1,8214	2,2320	35,5194	0,1598	1,5639	0,0900	57,7685	0,3021	
42-PKC-16	0,7617	0,6760	37,4157	0,1303	0,1345	0,0658	58,1538	0,1105	
43-PKC-16	6,5439	9,9680	29,2467	0,4557	2,0032	0,3116	48,0810	2,5459	
44-PKC-16		3,9280	11,7368	8,0438	0,6450	5,0590	40,7853	0,6721	
45-PKC-16	0,6505	0,2960	18,1800	26,0075	0,1060	0,1969	52,3150	0,1267	
46-PKC-16	0,9641	1,6360	19,0675	24,0330	0,3512	0,0334	51,6825	0,3021	
47-PKC-16	2,3192	0,6560	20,4222	22,4543	0,1224	0,0291	52,0180	0,1780	
48-PKC-16	2,4002	5,1600	22,6700	15,5457	0,8980	0,0598	50,4276	0,5210	
49-PKC-16	0,6340	0,3120	18,5999	26,2409	0,0539	0,0087	52,5527	0,0556	
50-PKC-16	1,2344	2,2480	20,6824	21,4080	0,4552	0,0270	52,1236	0,0872	
51-PKC-16	0,5959	0,1760	17,2481	28,2789	0,0827	0,0071	52,1830	0,2991	
52-PKC-16	3,3300	7,6280	20,7688	15,7962	0,8986	0,1110	47,8728	0,5207	
53-PKC-16	0,2001	0,2200	20,6517	22,9183	0,0967	0,0098	52,7203	0,1389	
54-PKC-16	0,7110	4,9000	22,2266	18,6223	0,4467	0,0395	51,7642	0,3004	
55-PKC-16	0,3749	1,1760	22,7904	20,8644	0,1181	0,0122	54,1737	0,1794	
56-PKC-16	0,2189	0,1600	35,8966	2,8576	0,1529	0,0043	57,9591	0,3589	
57-PKC-16	0,1295	0,0810	38,5068	0,0588	0,2607	0,0062	59,5537	0,4773	
58-PKC-16	0,0878	0,0520	37,8945	0,0431	0,4010	0,0047	58,7236	0,6283	
59-PKC-16	0,1872	0,0760	38,8119	0,0457	0,3782	0,0060	59,9704	0,8080	
60-PKC-16	0,1423	0,0720	38,9412	0,0478	0,3039	0,0056	60,1767	0,6304	
61-PKC-16	0,1137	0,0880	38,8315	0,0346	0,4110	0,0028	59,9380	0,9488	
62-PKC-16	0,0210	0,0800	38,7728	0,0350	0,3197	0,0024	59,9190	0,6303	
63-PKC-16	0,0499	0,0760	39,0468	0,0440	0,3203	0,0027	60,3078	0,6990	
64-PKC-16	0,0632	0,0440	39,2823	0,0460	0,4158	0,0042	60,2535	0,5986	
65-PKC-16	0,0490	0,0510	38,2042	0,6384	0,2952	0,0101	59,5225	0,7016	
66-PKC-16	0,0574	0,0240	38,8557	0,0498	0,3656	0,0061	60,0987	0,7025	
67-PKC-16	0,1101	0,0280	38,7689	0,0899	0,2057	0,0123	59,9251	0,4503	
68-PKC-16	0,2168	0,5800	36,4975	3,2109	0,1673	0,0111	59,2880	0,3008	
69-PKC-16	1,9974	3,4830	20,5728	18,2693	0,2770	0,6007	51,9545	0,3525	
70-PKC-16		7,9240	17,5392	13,5072	0,5100	1,7110	45,1770	0,3472	
71-PKC-16	0,5553	0,6600	21,0706	24,1517	0,1093	0,0772	54,4261	0,5131	
72-PKC-16	0,1870	0,1120	18,8000	25,6000	0,1005	0,0153	52,3348	0,1300	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 3

Poço PKC-16 Folha de Amostragem N. 11 - 15 Intervalo (m) 16,65

Intervalo de Profundidade 723,90/741,12 Químico Jorge Abud

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
73-PKC-16	0,2952	0,3080	18,7511	26,3313	0,1077	0,0223	52,9701	0,2005	
74-PKC-16	1,1156	2,8810	21,6525	19,6289	0,7116	0,0318	52,2251	0,5010	
75-PKC-16	3,2991	7,3080	30,7975	3,4153	1,3621	0,0193	52,0088	1,5399	
76-PKC-16	0,4833	0,5100	21,0198	22,9036	0,0251	0,0312	53,0387	0,3731	
77-PKC-16	0,5221	0,7160	16,9659	28,1092	0,0318	0,1155	51,8710	0,3186	
78-PKC-16	0,2820	0,0400	17,1896	28,4129	0,0993	0,0172	52,3609	0,2701	
79-PKC-16	0,1896	2,6810	19,7332	21,3111	0,8668	0,3372	52,7286	0,8038	
80-PKC-16	0,5053	0,2160	18,2118	27,4630	0,0596	0,0395	53,2131	0,0198	
81-PKC-16		1,0110	18,7767	11,7102	0,4161	2,8013	47,8519	0,8420	
82-PKC-16	0,3679	0,1040	18,8488	27,5661	0,2125	0,0487	52,7745	0,3529	
83-PKC-16	1,4029	0,6680	19,1398	23,9495	0,1101	0,1611	51,9528	0,7058	
84-PKC-16	1,4588	2,2520	19,8680	20,6627	0,5315	0,0695	50,1953	0,3863	
85-PKC-16	0,4755	0,2680	21,4855	22,3807	0,1651	0,0330	53,6186	0,2613	
86-PKC-16	1,6288	0,6880	18,2182	25,2252	0,2180	0,2139	51,7716	0,2697	
87-PKC-16		0,6110	13,6302	9,7782	0,5555	4,9385	45,3163	0,1316	
88-PKC-16		0,2520	0,5175	0,1679	7,2812	8,8893	39,7117	0,0303	
89-PKC-16		1,5360	15,9261	11,8911	0,3276	3,8052	46,9211	0,1289	
90-PKC-16	0,7700	0,0120	36,6196	0,8358	0,2376	0,3017	58,1180	0,5121	
91-PKC-16	0,7523	0,0320	37,5812	0,2998	0,3718	0,1371	58,9002	0,5102	
92-PKC-16	0,5300	0,0400	37,7357	0,2815	0,3491	0,0973	58,9709	0,5108	
93-PKC-16		1,0110	16,2901	6,7511	0,3819	5,0906	46,6063	0,2211	
94-PKC-16	1,5771	0,5610	31,41637	2,2561	0,2530	0,5925	52,0012	0,4860	
95-PKC-16		1,0760	1,3260	0,5162	7,0111	8,3180	39,0075	0,0523	
96-PKC-16		0,1760	0,3137	0,2121	7,0665	8,5501	38,1361	0,0013	
97-PKC-16		0,0810	31,2681	0,7667	1,0701	1,7177	55,5866	0,3012	
98-PKC-16	0,3945	0,0720	38,4828	0,0633	0,2068	0,0468	59,4928	0,5510	
99-PKC-16	0,6711	0,1640	36,8956	0,6567	0,2820	0,1601	57,7110	0,9973	
100-PKC-16	1,0122	1,6000	31,7120	6,7883	0,3468	0,2170	55,8579	0,5953	
101-PKC-16		2,0720	19,7626	5,7599	0,2879	4,2206	48,1357	0,5031	
102-PKC-16	1,3157	1,1960	21,3688	20,2755	0,2517	0,2136	52,1178	0,3160	
103-PKC-16	0,4120	1,1160	19,0028	25,6727	0,3361	0,0136	52,7712	0,7121	
104-PKC-16	2,4170	6,4280	32,7091	1,7071	0,7817	0,1129	52,9888	0,7051	
105-PKC-16	0,3212	1,1720	28,6021	12,4076	0,2551	0,0323	55,5121	0,4816	
106-PKC-16	0,2053	0,4760	35,7221	3,3801	0,2169	0,0091	58,0916	0,6212	
107-PKC-16	0,2156	0,7010	35,4212	3,0568	0,1561	0,0121	57,3268	0,5096	
108-PKC-16	0,2561	0,5000	33,2730	7,3160	0,1560	0,0166	57,7371	0,7083	

MINISTÉRIO DAS MINAS E ENERGIA
 D. N. P. M.
 Projeto Potássio
 RESULTADOS DE ANÁLISES
 FOLHA N.º 11

Poço PKC-16 Folha de Amostragem N.º 15 - 18 Intervalo (m) 13.22
 Intervalo de Profundidade 741,12/750,24/750,50/754,60 Químico Jorge Abud

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
109-PKC-16	0,9483	0,5320	35,5901	3,3353	0,1807	0,2446	58,4493	0,6608	
110-PKC-16	0,1867	0,1440	38,7444	0,4183	0,1439	0,0159	60,1226	0,2731	
111-PKC-16	0,4975	0,0600	38,7270	0,5114	0,2545	0,0719	60,3463	0,7040	
112-PKC-16	0,3243	0,0680	35,6188	4,3005	0,1644	0,0119	58,7148	0,5833	
113-PKC-16	0,5349	0,0480	38,1672	0,2360	0,1921	0,0793	59,1126	0,7068	
114-PKC-16	0,4232	0,1040	37,4104	0,1404	0,4139	0,0585	57,6677	1,4150	
115-PKC-16	0,5322	0,1080	38,1358	0,3164	0,2411	0,0142	59,0272	0,7179	
116-PKC-16	0,2019	0,2280	38,3076	0,0250	0,3876	0,0211	58,8590	1,3196	
117-PKC-16		6,5522	9,6048	5,6487	4,5834	5,3019	35,9250	10,2816	
118-PKC-16		17,7600	9,3314	8,3387	1,3054	5,7577	39,8496	1,6112	
119-PKC-16	2,9518	13,2520	24,4032	0,1458	5,4312	0,2169	40,5922	10,0070	
120-PKC-16		0,5920	2,7634	11,4177	0,4124	7,8734	37,7537	0,7400	
121-PKC-16		0,3160	0,6263	11,6048	0,2065	7,1906	32,4953	0,4405	
122-PKC-16	0,6485	1,9640	8,6579	35,4932	1,3022	0,0722	46,6777	1,8553	
123-PKC-16	2,0715	23,4960	21,6700	0,0947	5,7868	0,0856	34,9935	12,1848	
124-PKC-16	2,9700	52,0720	14,2742	0,0848	2,3457	0,0598	22,5629	5,2088	

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FOLHA N.º 5

Poço PKC-16-SE Folha de Amostragem N.º 19 - 21 Intervalo (m) 49,10
Intervalo de Profundidade 635,00/684,50m Químico Jorge Abud

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
125-PKC-16	0,2705	3,7040	33,6496	0,0191	2,8799	0,0136	51,4396	7,5209	
126-PKC-16	0,3213	8,1880	32,1728	0,0206	2,5235	0,0122	48,2529	6,7632	
127-PKC-16	0,2175	0,4360	37,4858	0,0141	1,2427	0,0065	57,3242	3,6618	
128-PKC-16	0,2018	2,7040	35,7355	0,0174	1,6969	0,0077	53,5562	6,2105	
129-PKC-16	0,3008	2,3560	34,9044	0,0176	2,3101	0,0098	53,4855	6,0463	
130-PKC-16	0,2578	3,5960	33,5800	0,0188	2,9805	0,0097	51,8198	7,1461	
131-PKC-16	0,2319	6,0040	31,7777	0,0199	3,9972	0,0136	49,0442	9,6096	
132-PKC-16	0,2902	13,4560	16,0368	0,0240	4,7609	0,0217	24,6930	11,5721	
133-PKC-16	0,0392	11,5480	29,1478	0,0221	4,2716	0,0112	44,3272	11,1428	
134-PKC-16	0,1021	21,6960	24,1877	0,0227	4,6591	0,0012	36,9560	11,7020	
135-PKC-16	0,6643	58,7280	8,6025	0,0320	5,6016	0,0155	13,6559	12,9948	
136-PKC-16	0,1095	0,0480	38,1715	0,0380	0,3658	0,0118	59,5707	0,8898	
137-PKC-16	0,0550	0,0240	38,4571	0,0448	0,4084	0,0091	59,6307	0,6222	
138-PKC-16	0,1419	0,0400	38,5073	0,0468	0,4239	0,0109	59,5426	0,8820	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 1

Poço PKC-18

Fólia de Amostragem N.º 14-16; 1-3

Intervalo (m) 60,12

Intervalo de Profundidade 660,00 - 720,04

Químico *Albino*

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻
83-PKC-18	0,1945	0,9480	37,0734	0,0221	0,7158	0,0653	57,5717	1,4431
84-PKC-18	0,2900	2,0960	35,8848	0,0312	1,2600	0,0844	55,9276	2,5794
85-PKC-18	0,1240	4,7600	33,9859	0,0206	1,9104	0,0407	52,6504	4,4255
86-PKC-18	0,0992	5,1480	34,0298	0,0161	1,8122	0,0390	52,5815	4,3700
87-PKC-18	0,2935	2,0400	36,1420	0,0109	1,1107	0,0641	55,9656	2,6039
88-PKC-18	0,2452	3,4360	35,6012	0,0207	1,3148	0,0463	54,7722	3,5201
89-PKC-18	2,0752	12,6680	29,6457	0,0177	2,5295	0,0354	46,5133	5,1396
90-PKC-18	1,3568	64,6400	8,1360	0,0277	3,9688	0,0935	13,8354	8,1648
91-PKC-18	1,5243	0,0720	37,7165	0,0551	0,3134	0,1103	58,6357	0,5980
92-PKC-18	1,5910	0,1800	37,5348	0,0655	0,3027	0,1077	58,3004	0,6541
93-PKC-18	1,6646	0,1200	37,6019	0,0543	0,3989	0,0830	58,4501	0,7117
1-PKC-18	0,3057	0,0480	38,5103	0,0656	0,5099	0,0146	59,5203	1,1655
2-PKC-18	0,2437	0,1280	38,0510	0,0540	0,4656	0,0151	58,8729	0,9661
3-PKC-18	0,2372	0,3960	38,0380	0,0480	0,3003	0,0112	58,7097	0,7391
4-PKC-18	1,3006	6,9080	35,3757	0,1195	0,6414	0,0697	55,2785	0,9632
5-PKC-18	1,2600	10,4960	20,9998	16,3093	0,7135	0,0706	47,8378	1,4905
6-PKC-18	2,0929	17,8680	29,5620	0,9045	0,7267	0,1281	47,2936	1,1747
7-PKC-18	0,2991	0,1680	38,4345	0,0728	0,4679	0,0106	59,5937	0,8012
8-PKC-18	1,5700	8,1440	34,1041	0,9021	0,4188	0,0606	53,7669	0,7464
9-PKC-18	1,3145	12,0160	20,2204	17,4451	0,0471	0,0656	46,6156	0,8877
10-PKC-18	0,9023	5,3680	22,5700	17,6030	0,4594	0,0359	50,9674	0,9663
11-PKC-18	1,1138	9,1680	20,6394	18,3626	0,4578	0,0655	48,6751	0,8081
12-PKC-18	0,5691	1,4400	37,6504	0,4319	0,4210	0,0291	58,7945	0,6459
13-PKC-18	2,0414	12,5040	18,4400	18,5986	0,5885	0,0928	46,1236	0,7060
14-PKC-18	0,5106	1,2860	37,1246	1,6721	0,2574	0,0342	58,7904	0,7032
15-PKC-18	0,2744	0,1040	22,6294	22,2315	0,0708	0,0039	54,8581	0,4422
16-PKC-18	0,1523	0,2320	19,6574	24,7207	0,0962	0,0048	52,7359	0,2336
17-PKC-18	0,1321	0,2040	22,2499	21,3559	0,0509	0,0053	53,7346	0,0503
18-PKC-18	0,0915	0,1280	25,7406	17,0606	0,0374	0,0030	55,1955	0,0471
19-PKC-18	0,0868	0,1120	19,1404	25,9194	0,0666	0,0032	53,0260	0,1564
20-PKC-18	0,1179	0,1680	20,9670	23,7494	0,1081	0,0042	53,9372	0,1721
21-PKC-18	0,1014	0,1400	20,6689	23,8488	0,0042	0,0030	53,4253	0,1106
22-PKC-18	0,2143	0,8400	27,9285	13,5170	0,1217	0,0135	55,4097	0,2213
23-PKC-18	0,1536	0,4160	24,5483	18,4611	0,2008	0,0087	54,6911	0,3807
24-PKC-18	0,1131	0,2080	25,6099	17,3040	0,0612	0,0039	55,1873	0,1517
25-PKC-18	1,0775	4,5520	25,9799	13,0891	0,6941	0,0632	52,0494	1,7445

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FÓLHA N.º 2

Poço PKC-18 Fôlha de Amostragem N.º 4-10 Intervalo (m) 50,65
Intervalo de Profundidade 720,24-771,20 Químico *Stallard*

N.º da Amostra	H ₂ O	R I	Na†	K †	Ca ††	Mg ††	Cl -	SO ₄ --
26-PKC-18	0,231/4	0,4120	23,509/4	20,6082	0,1037	0,0075	55,0293	0,1199
27-PKC-18	0,9136	3,0920	25,1269	15,8139	0,151/8	0,021/4	53,14577	0,7220
28-PKC-18	0,9660	2,0000	37,1787	0,1138	0,3309	0,0279	58,0368	0,7107
29-PKC-18	0,6192	1,1280	37,9379	0,0980	0,2377	0,0178	58,6965	0,179/4
30-PKC-18	0,9161	2,3080	36,6259	0,0896	0,1387	0,0375	56,8527	0,7976
31-PKC-18	0,3908	0,1210	38,6738	0,0181	0,2289	0,009/4	59,670/4	0,586/4
32-PKC-18	1,8900	5,8560	31,2033	0,0819	0,7683	0,0520	53,5177	1,0189
33-PKC-18	0,1707	1,3920	37,9822	0,0187	0,2212	0,0178	58,8189	0,2735
34-PKC-18	0,1998	0,9000	38,1957	0,0108	0,2568	0,0089	59,6532	0,2967
35-PKC-18	0,1160	1,5180	37,8188	0,0926	0,2613	0,0210	58,7116	0,2192
36-PKC-18	0,1122	0,0010	38,5562	0,1890	0,1766	0,0035	59,7960	0,2010
37-PKC-18	0,1793	0,3180	38,5516	0,3875	0,1602	0,0062	59,8793	0,2858
38-PKC-18	0,2888	0,8610	38,5190	0,0198	0,2103	0,0081	59,7306	0,2730
39-PKC-18	0,1800	0,0160	39,0302	0,0193	0,1093	0,0068	60,3156	0,1206
40-PKC-18	0,3762	2,1720	37,3255	0,0536	0,3102	0,0211	57,9352	0,3827
41-PKC-18	0,3169	0,3110	38,5215	0,1767	0,1229	0,0123	59,6731	0,1812
42-PKC-18	0,2538	0,7320	38,7156	0,1048	0,1872	0,0159	60,0085	0,2723
43-PKC-18	0,2666	0,8680	37,6299	0,0557	0,2227	0,0111	58,2622	0,3291
44-PKC-18	0,1398	3,3100	36,6111	0,0675	0,3166	0,0120	57,0863	0,2716
45-PKC-18	0,2858	1,6160	37,3061	0,0616	0,1225	0,0102	58,2098	0,2011
46-PKC-18	0,1200	0,1800	38,1061	0,0270	0,1729	0,0015	58,821/4	0,3589
47-PKC-18	0,0800	0,3200	38,7659	0,0308	0,2231	0,0035	59,7088	0,6770
48-PKC-18	0,2700	0,0960	38,9860	0,0333	0,1199	0,0018	59,8119	0,3168
49-PKC-18	0,1500	0,1120	38,2578	0,0559	0,1318	0,0057	59,0569	0,3203
50-PKC-18	0,2700	0,1160	38,8702	0,0337	0,1316	0,0028	59,9629	0,3672
51-PKC-18	0,1300	0,1200	38,1302	0,0111	0,1981	0,0103	59,2729	0,5381
52-PKC-18	0,5500	1,1120	36,5001	0,0287	1,2225	0,0053	56,0681	3,2729
53-PKC-18	0,1500	0,2010	38,2508	0,0152	0,1103	0,0095	59,3267	0,6751
54-PKC-18	0,7200	0,3200	37,9776	0,0187	0,2009	0,0011	58,6310	0,4379
55-PKC-18	0,1100	0,0180	38,0770	0,0313	0,0712	0,0328	58,8178	0,1980
56-PKC-18	0,6600	1,6160	37,5511	0,0111	0,3695	0,0129	58,6250	0,821/4
57-PKC-18	0,9100	0,1180	36,9926	0,0591	0,1199	0,0199	57,6790	1,0101
58-PKC-18	0,6100	0,0920	38,6926	0,0566	0,1163	0,0153	59,7512	0,3591
59-PKC-18	0,8500	0,0800	38,1503	0,1028	0,1303	0,0395	58,9915	0,3601
60-PKC-18	0,7200	0,0800	38,1611	0,0726	0,1332	0,0250	59,3070	0,2988
61-PKC-18	0,2600	0,9000	37,6911	0,0508	0,6880	0,0161	57,5816	1,5135

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 3

Poço PKC-18 Fôlha de Amostragem N. 10-13 ; 16-19 Intervalo (m) 70,59
 Intervalo de Profundidade 771,20 - 848,16 Químico Abelardo

N.º da Amostra	H ₂ O	R I	Na †	K †	Ca ††	Mg ††	Cl -	SO ₄ ..
62-PKC-18	0,9700	0,4080	37,6866	0,1450	0,3988	0,0395	58,5853	0,6118
63-PKC-18	3,7200	14,6000	28,6453	0,5578	2,3619	0,0954	45,3123	5,1734
64-PKC-18	0,6217	2,0640	21,1194	22,3320	0,2056	0,0234	53,0000	0,3285
65-PKC-18	0,3599	1,1480	19,1672	24,4533	0,1936	0,0145	51,8277	0,3845
66-PKC-18	0,4257	1,9800	26,7062	14,3546	0,4109	0,0173	54,2108	1,0280
67-PKC-18	1,3957	12,0320	26,6930	7,0574	0,9858	0,0548	48,4150	1,3678
68-PKC-18	0,8219	4,2480	19,4025	22,6329	0,4416	0,0459	51,0368	0,4278
69-PKC-18	0,0698	0,4440	19,3881	25,1440	0,1212	0,0899	52,7861	0,1980
70-PKC-18	0,9999	4,3480	19,2189	22,8931	0,4416	0,0547	51,0472	0,3843
71-PKC-18		7,8480	20,1116	4,0304	1,3980	2,7834	44,3336	1,2504
72-PKC-18		0,0800	0,0989	0,0090	7,4562	9,0472	39,7313	0,0051
73-PKC-18		4,5480	10,3575	8,5519	0,7130	5,2828	40,1653	0,3023
74-PKC-18		0,0760	0,2374	0,0259	7,4820	9,0786	40,1002	0,0031
75-PKC-18		9,0880	17,9747	5,0466	1,1686	3,4883	43,9270	0,8155
76-PKC-18		1,7160	5,1787	4,9445	3,5318	7,3600	39,9948	0,2477
77-PKC-18		11,1040	23,3672	2,4865	2,0596	1,8698	46,7645	0,8310
78-PKC-18		0,3240	0,4409	0,0081	7,3875	8,7372	39,2340	0,0031
79-PKC-18		7,7280	14,6209	5,2951	2,0375	4,3097	43,1687	0,4697
80-PKC-18		12,3440	20,1594	3,2270	2,0542	2,4177	43,8325	1,0843
81-PKC-18		0,2480	0,1546	0,0020	7,4778	9,0735	39,9256	0,0035
82-PKC-18		14,3960	21,4220	1,8699	2,9808	1,5586	43,9373	0,8252
94-PKC-18		5,0160	8,3344	7,3844	2,1953	6,1869	41,1180	0,4860
95-PKC-18		0,5160	0,9506	0,3750	7,1950	8,7995	40,1865	0,0155
96-PKC-18		8,7800	12,2988	7,8026	1,0823	4,8136	40,8764	1,5078
97-PKC-18		0,6000	0,5971	0,0309	7,3639	9,0863	40,3512	0,0162
98-PKC-18		0,2280	0,3368	0,0079	7,3816	9,1236	40,1860	0,0063
99-PKC-18		0,3600	0,7012	0,6116	7,0723	8,8652	39,9891	0,0128
100-PKC-18		2,2960	8,5662	1,4107	4,6924	6,9638	42,8159	0,3805
101-PKC-18		18,3880	9,1263	1,0417	5,1285	4,7783	37,3165	0,9592
102-PKC-18		17,1520	24,2200	1,1198	2,9730	0,7928	41,1226	6,5187
103-PKC-18		2,5120	16,4569	7,2137	0,9268	4,6015	45,4682	2,0403
104-PKC-18		4,6880	19,1076	5,6942	1,1253	3,5162	45,0786	2,4239
105-PKC-18		1,2320	10,2148	10,0749	0,6308	6,0219	42,7516	1,1004
106-PKC-18		2,6080	17,2903	7,1843	1,5771	4,2525	42,1792	3,2277
107-PKC-18		2,0560	5,2633	11,2672	1,0147	7,0168	38,5837	2,7133
108-PKC-18	1,6347	38,4000	18,1235	0,1613	3,2363	0,5103	30,5170	6,4861

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 4

Poço PKC-18 Fôlha de Amostragem N.º 19 Intervalo (m) 3,34

Intervalo de Profundidade 848,16 - 851,50 Químico *Belton*

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ..
109-PKC-18	1,9853	79,4400	6,2812	0,2076	0,6331	0,0496	10,1614	1,3227

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 1

Poço PKC-21-SE Folha de Amostragem N. 1 - 6 Intervalo (m) 19,29

Intervalo de Profundidade 1133/1149,47/1149,5/1152,32 Químico Bartolomeu Barbosa

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ^{..}	Br ₂
1-PKC-21	0,2885	0,0120	38,8001	0,4058	0,1197	0,0242	60,3027	0,2343	
2-PKC-21	0,1269	0,0040	38,7962	0,0277	0,1088	0,0767	60,0686	0,2627	
3-PKC-21	0,1369	0,0040	38,6525	0,0428	0,1867	0,0169	59,6592	0,4817	
4-PKC-21	0,0508	0,0040	38,9174	0,0413	0,2041	0,0124	59,8480	0,8053	
5-PKC-21	0,1285	0,6640	38,3336	0,0715	0,3972	0,0141	59,3590	0,7451	
6-PKC-21	0,2477	0,0040	38,8106	0,1836	0,4565	0,0363	60,1375	1,0678	
7-PKC-21	0,3360	0,0040	38,0628	0,3364	0,3594	0,0309	59,2819	0,6009	
8-PKC-21	0,2806	0,1480	38,6874	0,2502	0,2343	0,0211	59,8551	0,6718	
9-PKC-21	1,2452	10,3440	33,7212	0,3401	0,3904	0,0704	52,5978	0,8846	
10-PKC-21	0,1581	0,0480	38,8696	0,0794	0,1609	0,0111	60,0361	0,3824	
11-PKC-21	0,1298	0,7880	21,4920	21,7905	0,3681	0,0110	52,9289	0,3819	
12-PKC-21	0,0595	0,1720	17,7840	27,1700	0,2277	0,0054	51,8932	0,7490	
13-PKC-21	0,2308	0,3160	19,4116	25,5229	0,1501	0,0108	53,1116	0,3636	
14-PKC-21	0,2006	0,3520	23,5222	18,6590	0,8485	0,0116	54,5694	0,2095	
15-PKC-21	1,2019	4,1760	27,8860	10,3948	0,4097	0,5647	53,9359	1,1604	
16-PKC-21	0,2477	0,7440	22,9390	19,7176	0,1810	0,0162	53,3366	0,3776	
17-PKC-21	0,4303	0,2218	20,2042	24,3291	0,0525	0,0042	53,1631	0,2197	
18-PKC-21	0,6673	0,8640	20,5287	22,4313	0,1602	0,0161	52,1486	0,2316	
19-PKC-21	0,0392	0,0800	20,5917	24,4274	0,0873	0,0058	53,9013	0,2298	
20-PKC-21	1,7463	4,3120	26,7493	12,0819	0,4574	0,0807	52,2025	1,4077	
21-PKC-21	0,0722	0,3000	18,0396	27,8152	0,1572	0,0059	52,9977	0,4524	
22-PKC-21	0,1850	0,4880	22,2397	21,4419	0,2463	0,0114	53,5532	0,8822	
23-PKC-21	0,0648	0,1520	15,8074	30,4496	0,0258	0,0045	51,7345	0,4145	
24-PKC-21	0,6066	2,4000	19,1533	24,0160	0,5309	0,0340	51,3053	1,4106	
25-PKC-21	0,2186	0,3080	18,6171	26,9138	0,1330	0,0053	53,0960	0,3558	
26-PKC-21	0,2993	0,1600	17,4152	28,0028	0,0227	0,0032	52,2779	0,0242	
27-PKC-21	0,2460	0,4360	18,2394	27,0551	0,0385	0,0099	52,7216	0,0356	
28-PKC-21	1,1745	4,0320	19,0483	22,8679	0,3174	0,0706	50,6342	0,3225	
29-PKC-21	0,2940	0,1400	17,4314	28,0112	0,0649	0,0041	52,3236	0,1042	
30-PKC-21	0,2973	0,1840	21,2233	23,3157	0,0677	0,0051	53,9125	0,1164	
31-PKC-21	0,2824	0,0680	18,8122	27,4135	0,0150	0,0027	53,8915	0,0087	
32-PKC-21	0,6379	1,9920	23,7792	18,4288	0,4359	0,0455	53,7167	0,7569	
33-PKC-21	0,3297	0,1560	19,5895	26,0855	0,1126	0,0069	53,9151	0,2167	
34-PKC-21	0,5559	0,0880	16,1983	29,4970	0,1179	0,0050	51,7296	0,2900	
35-PKC-21	0,5196	0,2040	17,1360	27,4176	0,2097	0,0045	51,3209	0,4762	
36-PKC-21	0,4920	0,4000	18,5274	26,8548	0,1369	0,0099	52,9999	0,2537	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 2

Poço PKC-21-SE Folha de Amostragem N.º 6 - 12 Intervalo (m) 21,70

Intervalo de Profundidade 1152,32/1165,89//1166/1174,13 Químico Bartolomeu Barbosa

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
37-PKC-21	2,7629	8,4240	30,5694	3,8961	0,7992	0,1773	51,2783	1,7856	
38-PKC-21	2,1966	5,5480	34,9160	0,1995	0,6546	0,1281	54,8453	0,9623	
39-PKC-21	0,3384	0,7880	38,6060	0,0846	0,1207	0,0184	59,6316	0,3216	
40-PKC-21	0,6204	1,8400	31,9008	6,9783	0,4237	0,0478	55,8759	0,7121	
41-PKC-21	0,1154	0,3040	16,7194	28,8608	0,0983	0,0048	51,9727	0,2210	
42-PKC-21	0,0886	0,1880	13,2444	34,0279	0,1146	0,0034	51,2765	0,2847	
43-PKC-21	0,3029	1,1640	20,0243	23,5929	0,1599	0,0139	52,1796	0,3228	
44-PKC-21	0,2201	0,3040	29,5104	12,3130	0,1577	0,0061	56,7117	0,3401	
45-PKC-21	0,0974	0,4440	18,5870	25,9818	0,1612	0,0055	52,2583	0,3462	
46-PKC-21	0,1439	0,9630	33,7892	5,9628	0,2236	0,0139	57,5556	0,5232	
47-PKC-21	0,1141	0,3400	21,9039	21,6011	0,4673	0,0055	53,7123	0,6637	
48-PKC-21	0,1579	1,9480	35,4465	3,1276	0,2606	0,0231	57,6071	0,5890	
49-PKC-21	0,0728	0,4160	17,9761	26,5691	0,1135	0,0049	51,8777	0,1964	
50-PKC-21	0,5326	2,3480	35,5028	2,4197	0,2262	0,0287	56,6727	1,0083	
51-PKC-21	0,2087	0,7520	34,1798	5,5641	0,1689	0,0152	57,5613	0,7144	
52-PKC-21	0,2648	1,0800	23,4584	19,6812	0,0894	0,0183	54,0413	0,2514	
53-PKC-21	0,0997	0,0240	37,8180	0,5940	0,1514	0,1311	59,2860	0,2828	
54-PKC-21	0,7826	0,3360	37,4059	1,0517	0,1567	0,0942	58,6497	0,7155	
55-PKC-21	0,2991	1,4200	18,3983	25,2725	0,2021	0,0174	51,1709	0,7023	
56-PKC-21	0,3540	0,9400	31,9359	8,3311	0,2231	0,0150	56,6697	0,7662	
57-PKC-21	1,3365	0,5000	37,4870	0,8878	0,1381	0,1652	58,9989	0,4521	
58-PKC-21	1,0175	0,0080	37,3040	0,5630	0,1156	0,1445	58,3755	0,3779	
59-PKC-21	0,8336	0,4120	36,8354	1,9110	0,1399	0,1138	58,7719	0,4504	
60-PKC-21	0,1465	0,7960	28,2976	13,7020	0,1141	0,0372	56,1095	0,3484	
61-PKC-21	0,4770	0,7200	34,8600	3,3864	0,1942	0,0814	56,9247	0,6424	
62-PKC-21	0,2243	1,1800	26,9179	15,0660	0,2579	0,0346	55,2105	0,6888	
63-PKC-21	0,9481	1,4640	37,2691	0,6417	0,2029	0,2204	58,6484	0,5418	
64-PKC-21	0,7411	0,0240	37,4860	0,7116	0,1102	0,1904	59,0485	0,1995	
65-PKC-21	0,5310	3,5400	22,9908	17,6329	0,3248	0,0549	51,7451	0,5801	
66-PKC-21	1,8028	0,8360	32,6112	5,0496	0,2526	0,4400	56,1218	0,6362	
67-PKC-21	0,7666	0,4440	35,2940	2,6218	0,1770	0,1815	57,2137	0,5751	
68-PKC-21	0,2617	0,5240	20,6721	22,8396	0,4151	0,0272	53,0302	0,4982	
69-PKC-21	0,5487	1,2840	37,2748	0,1624	0,1820	0,0401	57,7615	0,4039	
70-PKC-21	1,0719	0,9480	37,2803	0,3638	0,2503	0,0934	58,1267	0,5416	
71-PKC-21	1,8130	5,5800	34,8250	0,4318	0,2499	0,1840	54,7376	0,4422	
72-PKC-21	0,5253	0,6280	27,6493	13,2192	0,1279	0,0466	54,7144	0,3607	

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FÔLHA N.º 1

Poço PKC-26-SE Folha de Amostragem N.º 1 - 4 Intervalo (m) 15,69

Intervalo de Profundidade 726/742 Químico Cleobaldo S. Araujo

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ..	Br ₂
1-PKC-26	0,6089	3,7400	32,5617	5,5104	0,4709	0,0430	55,6051	0,9980	
2-PKC-26	0,1334	0,5640	19,3193	25,6756	0,1071	0,0078	53,1658	0,1598	
3-PKC-26	0,4677	2,1360	34,9174	3,9519	0,2341	0,0318	57,6689	0,3557	
4-PKC-26	0,1452	0,4880	23,1976	21,1478	0,0824	0,0088	55,0192	0,1300	
5-PKC-26	0,2001	0,2120	38,2114	0,9002	0,1480	0,0145	59,8692	0,2199	
6-PKC-26	0,2162	0,9440	19,0713	26,1600	0,1273	0,0119	53,3041	0,1161	
7-PKC-26	0,1720	0,6640	31,4968	9,5490	0,1659	0,0187	57,4062	0,2200	
8-PKC-26	0,1760	0,2880	37,3410	1,2213	0,1594	0,0141	58,7529	0,3395	
9-PKC-26	0,4080	1,7400	32,6163	6,4096	0,1864	0,0247	56,2823	0,3694	
10-PKC-26	0,1600	0,2600	37,7625	0,5840	0,1340	0,0108	58,8985	0,1707	
11-PKC-26	0,3480	1,4720	34,7416	3,9046	0,2014	0,0245	57,2783	0,3395	
12-PKC-26	0,1880	0,2800	24,8650	17,9028	0,1218	0,0094	54,7000	0,1487	
13-PKC-26	0,4800	2,3960	37,0177	1,0050	0,1716	0,0240	58,1207	0,3215	
14-PKC-26	1,4120	6,4360	34,7416	0,0720	0,6876	0,0537	54,4051	0,7397	
15-PKC-26	0,2200	0,1160	38,2310	0,0399	0,1946	0,0111	58,9234	0,5910	
16-PKC-26	0,2760	0,0800	38,3038	0,0906	0,2100	0,0138	59,3018	0,3399	
17-PKC-26	0,2280	0,0760	38,2420	0,1255	0,1334	0,0067	59,2176	0,1650	
18-PKC-26	0,2640	0,0640	38,2143	0,1243	0,1607	0,0093	59,0764	0,4382	

MINISTÉRIO DAS MINAS E ENERGIA
 D. N. P. M.
 Projeto Potássio
 RESULTADOS DE ANÁLISES
 FÔLHA N.º 1

Poço JU-1-SE Folha de Amostragem N.º 1 - 2 Intervalo (m) 2,47

Intervalo de Profundidade: 407,5/413 metros Químico Bartolomeu Muriz

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-JU-SE	0,9283	4,5200	34,4578	1,3603	0,8138	0,0181	54,7360	1,5174	
2-JU-SE	0,2234	0,8240	27,4241	13,8605	0,5866	0,0102	54,8753	1,4142	
3-JU-SE	0,3932	2,7600	32,6234	5,7536	0,6216	0,0153	55,4668	1,6186	
4-JU-SE	0,1491	0,1440	37,2864	0,8112	0,4157	0,0026	57,9028	1,3893	
5-JU-SE	0,1997	0,7480	28,4903	12,3391	0,5893	0,0089	55,1546	1,3955	
6-JU-SE	0,7100	3,7640	33,0859	3,7273	0,5999	0,0285	54,6985	1,1364	
7-JU-SE	0,1279	0,8840	18,0069	27,8800	0,1528	0,0078	53,1229	0,2894	
8-JU-SE	0,2471	2,0480	28,4544	11,6405	0,3855	0,0145	54,6027	0,7438	
9-JU-SE	0,0894	0,2200	17,9464	27,8667	0,0686	0,0046	52,9724	0,1364	
10-JU-SE	0,1269	0,4160	16,3983	29,1143	0,1154	0,0116	51,7551	0,2241	
11-JU-SE	1,5195	1,9080	18,9668	23,8567	0,1075	0,1729	51,4350	0,1822	

MINISTÉRIO DAS MINAS E ENERGIA

D. N. P. M.

Projeto Potássio

RESULTADOS DE ANÁLISES

FÓLHA N.º 1

Poço SRL-2-SF Folha de Amostragem N.º 1, 3, 6 Intervalo (m) 22,17

Intervalo de Profundidade 671,33/607,80/1611,53/651,68 Químico Cleonaldo Araújo

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-SRL-2	0,1700	0,1060	16,4711	28,7002	0,0608	0,0013	51,5271	0,1385	
2-SRL-2	0,5500	0,0760	33,5054	6,2065	0,1954	0,0233	57,4642	0,3220	
3-SRL-2	1,4200	11,9900	18,8610	19,4535	0,2394	0,0808	47,2327	0,2036	
4-SRL-2	0,4400	0,4420	22,5796	21,0810	0,1623	0,0074	54,0862	0,2051	
5-SRL-2	0,1500	0,0660	19,5752	26,3253	0,0439	0,0038	54,0632	0,1039	
6-SRL-2	0,1260	0,3120	21,8515	21,7556	0,0322	0,0027	53,3909	0,1254	
7-SRL-2	1,7580	0,5200	17,6556	27,2457	0,2279	0,0072	51,9452	0,5491	
8-SRL-2	0,3000	0,4180	19,9720	25,3644	0,0879	0,0128	53,8669	0,1652	
9-SRL-2	0,1490	1,0400	24,0435	17,4675	0,0849	0,0179	52,8730	0,3262	
10-SRL-2	0,0200	0,7340	18,1966	27,1965	0,1306	0,0190	52,6936	0,4168	
11-SRL-2	0,0500	0,2660	20,3462	24,6140	0,0244	0,0075	53,7081	0,0624	
12-SRL-2	0,0399	0,3200	18,5578	27,0925	0,0396	0,0092	53,2113	0,0906	
13-SRL-2	0,0699	0,4020	17,0093	28,5478	0,0583	0,0104	52,0924	0,2060	
14-SRL-2	0,7260	2,9920	19,3557	22,4327	0,4193	0,0558	50,7145	0,5037	
15-SRL-2	0,1997	1,2280	23,6826	19,0665	0,0827	0,0106	53,7507	0,3088	
16-SRL-2	0,2121	1,3860	18,8019	27,4688	0,0739	0,0213	53,9340	0,1853	
17-SRL-2	1,0355	5,5040	32,8878	3,7870	0,3331	0,0542	54,6176	0,3712	
18-SRL-2	0,2200	0,5560	20,2125	23,4807	0,0407	0,0133	52,5089	0,0775	
19-SRL-2	0,2000	0,3860	19,8819	25,8905	0,0600	0,0069	54,1317	0,1740	
20-SRL-2	0,2990	0,4800	20,0403	25,2889	0,0363	0,0155	53,9005	0,0525	
21-SRL-2	0,3790	0,1840	16,2819	29,3277	0,0741	0,0093	51,7300	0,1680	
22-SRL-2	0,2480	0,1780	18,5851	26,6219	0,0241	0,0064	52,8129	0,0577	
23-SRL-2	0,2290	0,0380	18,7525	26,1128	0,0120	0,0054	52,6219	0,0109	
24-SRL-2	0,2100	0,2440	19,9614	25,8723	0,0560	0,0082	54,2923	0,0908	
25-SRL-2	0,2490	0,0740	15,4816	29,9579	0,0470	0,0046	51,1596	0,0996	
26-SRL-2	0,2410	0,9580	24,3315	18,6542	0,0647	0,0176	54,4606	0,1817	
27-SRL-2	2,0700	8,2460	32,7409	1,3775	0,6893	0,1310	52,2987	1,4023	
28-SRL-2	0,1580	0,7060	38,6913	0,0997	0,0567	0,0133	59,7377	0,2005	
29-SRL-2	0,0890	0,6380	38,2963	0,1097	0,0809	0,0115	59,0891	0,3208	
30-SRL-2	0,1190	1,3320	37,1508	0,0393	0,6909	0,0140	57,2822	1,7570	
31-SRL-2	0,0890	2,9340	36,3599	0,0209	1,1799	0,0120	55,4313	3,7537	
32-SRL-2	0,0963	4,5660	34,2849	0,0187	1,9395	0,0089	53,2614	4,1623	
33-SRL-2	0,1493	2,8660	35,6890	0,0159	1,8691	0,0094	53,7106	6,3189	
34-SRL-2	0,1705	2,7480	36,8726	0,0154	0,0073	0,0060	56,2673	3,2284	
35-SRL-2	0,3302	3,2800	36,4160	0,0179	1,1698	0,0094	55,8936	3,2070	
36-SRL-2	0,2300	5,1440	35,9761	0,0159	1,1393	0,0060	55,6852	2,4842	

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FÔLHA N.º 2

Poço SRL-2-SE Folha de Amostragem N. 1, 2, 6, 7 Intervalo (m) 53,05

Intervalo de Profundidade 656/671,07/681,26/717,93 Químico Cleobaldo Araújo

N.º da Amostra	H ₂ O	R I	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
37-SRL-2	0,4314	14,6320	30,5449	0,0193	2,2640	0,0076	48,0817	4,1456	
38-SRL-2	0,2320	0,1340	38,2233	0,0667	0,2874	0,0215	59,0571	0,6922	
39-SRL-2	0,1498	0,2340	38,1825	0,1344	0,0845	0,0178	58,9046	0,3929	
40-SRL-2	0,2797	1,8800	37,4046	0,0978	0,3024	0,0257	57,8819	0,6575	
41-SRL-2	0,2292	0,1560	37,9276	0,1807	0,4383	0,0265	58,9728	0,7088	
42-SRL-2	0,2292	0,1700	38,0922	0,0070	0,2535	0,0136	58,8610	0,4990	
43-SRL-2	0,2799	0,0840	38,0457	1,3439	0,1549	0,0033	59,9367	0,3036	
44-SRL-2	0,4495	0,1260	38,3130	0,5148	0,2753	0,0433	59,8241	0,4444	
45-SRL-2	0,2694	1,2960	37,2738	0,3625	0,1946	0,0191	58,0118	0,2546	
46-SRL-2	0,2683	0,5460	38,2333	0,6021	0,0742	0,0100	59,5050	0,1992	
47-SRL-2	0,3089	0,6940	38,4998	0,1363	0,1647	0,0099	59,5587	0,3390	
48-SRL-2	0,1892	0,1600	38,0100	0,2238	0,0692	0,0044	58,7107	0,3145	
49-SRL-2	0,0299	0,2740	37,7276	0,1850	0,5846	0,0061	58,3835	1,3627	
50-SRL-2	0,7886	0,3120	37,8278	0,1576	0,1756	0,0382	58,6227	0,3654	
51-SRL-2	0,1402	0,1480	38,0262	0,1011	0,1393	0,0297	58,7515	0,4136	
52-SRL-2	0,0299	0,0640	38,2162	0,0523	0,1778	0,0086	59,1016	0,2893	
53-SRL-2	0,0498	0,0840	37,9354	0,0464	0,4204	0,0098	58,8318	0,6410	
54-SRL-2	0,0700	0,0960	38,2200	0,0320	0,2925	0,0076	59,2200	0,3699	
55-SRL-2	0,1393	0,7760	38,5374	0,0288	0,2177	0,0175	59,4747	0,5523	
56-SRL-2	0,0998	0,3200	38,3974	0,0256	0,1498	0,0106	59,2560	0,3472	

MINISTÉRIO DAS MINAS E ENERGIA
D. N. P. M.
Projeto Potássio
RESULTADOS DE ANÁLISES
FOLHA N.º 1

Poço SZ-13-SE Folha de Amostragem N.º 1 - 3 Intervalo (m) 6,00

Intervalo de Profundidade 510/594,89 metros Químico Bartolomeu Muriz

N.º da Amostra	H ₂ O	RI	Na ⁺	K ⁺	Ca ⁺⁺	Mg ⁺⁺	Cl ⁻	SO ₄ ⁻⁻	Br ₂
1-SZ-13	0,3200	3,3420	36,8968	0,0466	0,1921	0,0152	57,1291	0,2521	
2-SZ-13	0,3390	2,1100	37,7097	0,0657	0,1709	0,0148	58,4327	0,1558	
3-SZ-13	0,1790	0,4160	38,7241	0,0642	0,0843	0,0147	59,8589	0,1316	
4-SZ-13	0,1800	1,9600	29,4137	10,7142	0,1642	0,0125	55,3316	0,0841	
5-SZ-13	0,2300	0,9500	22,8364	19,6266	0,2216	0,0091	53,2420	0,1272	
6-SZ-13	0,5900	6,5980	34,9446	0,4613	0,4140	0,0265	54,7303	0,5095	
7-SZ-13	0,0790	0,7300	20,9316	22,4707	0,0205	0,0075	52,6094	0,1316	
8-SZ-13	0,1590	1,5200	38,4201	0,2228	0,2114	0,0102	59,7140	0,2474	
9-SZ-13	0,0800	0,1520	38,1197	0,0481	0,2202	0,0064	58,8176	0,5540	
10-SZ-13	0,3070	1,7720	37,5521	0,0629	0,1996	0,0118	58,1675	0,2544	
11-SZ-13	2,8170	50,4000	8,4736	7,8280	3,0565	0,0945	20,7233	6,9396	
12-SZ-13	1,0295	18,1960	9,1455	26,4204	1,8911	0,0610	37,8284	5,0200	
13-SZ-13	0,7412	14,1720	8,9632	29,8773	1,3046	0,0568	40,9674	3,5144	
14-SZ-13	0,8373	9,5000	10,1264	31,0326	0,6239	0,0465	44,1799	1,2740	
15-SZ-13	0,3800	14,4240	20,4349	15,8563	0,9843	0,0404	46,4019	1,8180	

MINISTÉRIO DAS MINAS E ENERGIA

MINERALOGIA ÓTICA

ASSOCIAÇÕES MINERALÓGICAS,
DETERMINADAS MICROSCÓPICAMENTE

ESTUDO PARALELO A DESCRIÇÃO MA
CROSCÓPICA DAS AMOSTRAS CORTA-
DAS DOS TESTEMUNHOS, PELO SE-
TOR DE AMOSTRAGEM PRINCIPAL.

<u>ASSOCIAÇÕES</u>	<u>NÚMERO DA AMOSTRA</u>
<u>HALITA</u> argilosa com lâminas delgadas de ANIDRITA com disseminação de CARNALITA (CARN. varia de 1 - 10%).	107,108,110,114,123,133,136,137,138,139,143.
<u>HALITA</u> com lâminas delgadas de ANIDRITA com intercalação de leitos de FOLHELHO.	124,140,156,168,169,170,171,172,173.
<u>HALITA</u> com lâminas delgadas de ANIDRITA com intercalação de leitos de FOLHELHO com disseminação de CARNALITA (CARN./aprox. 2%) (A amostra 115 contém disseminação de SILVITA, aprox. 2%).	113, 115, 116.
<u>HALITA</u> com lâminas delgadas de ANIDRITA com intercalação de leitos de CALCÁRIO.	141.
<u>HALITA</u> com lâminas delgadas de ANIDRITA com intercalação de leitos de FOLHELHO e CALCÁRIO, com disseminação de CARNALITA (CARN. / varia de 1 à 3%).	125,126,142,160,166.
<u>CARNALITA</u> associada a HALITA (HAL. varia de 30 a 50%) com ou sem disseminação de material anidritico argiloso.	106,109,127,128,129,130,131,132,134,135,145,146,147,148,149,150,151,152,153,154,155.
<u>TAQUIDRITA</u> com disseminação de HALITA (HAL. em // torno de 3%) e BISCHOFITA (BISCH. aprox 2%) com ou sem disseminação de material anidritico argiloso.	88,90,94,95,96,97,98,99.

P K C - 1 - SEASSOCIAÇÕESNÚMERO DA AMOSTRA

- TAQUIDRITA associada à HALITA (HAL. varia de 2 a 10%) e CARNALITA (CARN. aprox. 4%) e disseminação de BISCHOFITA (BISCH. aprox. 2%) com ou sem disseminação de material anidritico argiloso. As amostras 102,103,120, // CARN. aprox. 20%. As amostras 117,118,120, 121,122, HAL aprox. 25%). 85,86,87,89,91,92, 93,100,101,102, // 103,104,105,117, / 118,120,121,122.
- HALITA associada à TAQUIDRITA (TACH. aprox. 8%) e // CARNALITA (CARN. aprox. 4%) e disseminação de BISCHOFITA (BISCH. aprox. 2%), com ou sem disseminação de material anidritico argiloso. 119.
- FOLHELHO preto calcífero com disseminações de HALITA (HAL. varia de 5 - 50%) e mais raro de CARNALITA (CARN. aprox. 3%) com intercalação / de leiros de CALCÁRIO e ANIDRITA (A. amostra 158 contém disseminação de silvita). 111,112,114,157, / 158,159,161,162, - 163,164,165, 167, / 175.
- SILTITO laminado e intercalado com FOLHELHO preto // e lâminas de CALCÁRIO, com disseminação de HALITA (HAL. aprox. 1%). 176,177,178,179, / 180.
- CALCÁRIO intercalado com leiros delgados de FOLHELHO, com disseminação de HALITA (HAL. aprox. 2%). 174.

<u>ASSOCIAÇÕES</u>	<u>NÚMERO DA AMOSTRA</u>
<u>ARENITO</u> levemente calcífero com intercalação de lâminas de FOLHELHO e SILTITO.	2, 3.
<u>SILTITO</u> arenoso intercalado com lâminas de FOLHELHO e CALCÁRIO.	5, 7.
<u>FOLHELHO</u> calcífero (as vezes grada para SILTITO), / intercalado por lâminas de CALCÁRIO e mais raramente de ARENITO calcífero. Ocorrem // disseminações de HALITA.	1,4,6,10,14,28.
<u>CALCÁRIO</u> intercalado com FOLHELHO, SILTITO e delgadas lâminas de ANIDRITA.	8.
<u>HALITA</u> intercalada por leitos muito delgados de FOLHELHO e CARBONATO e raramente de SILTITO. / Ocorrem lâminas delgadas de ANIDRITA.	9,11,12,13,16,17, / 18,20,21,29,34.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA (com/ argila).	15, 19.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com intercalação de leitos de FOLHELHO e de CARNALITA (CARN. varia de 15 a 20%).	30, 31.
<u>CARNALITA</u> associada à HALITA (HAL. varia 15 - 30%) / com ou sem disseminação de material anidritico argiloso.	27,32,33.
<u>TAQUIDRITA</u> associada à HALITA (HAL. varia de 3 a 10%) e à CARNALITA (CARN. varia de 5 a 10%) com disseminação de BISCHOFITA // (BISCH. aprox. 5%) com ou sem disseminação de material anidritico argiloso.	22,23,24,25,26.

ASSOCIAÇÕES

NÚMERO DA AMOSTRA

HALITA com lâminas muito delgadas de ANIDRITA, e disseminações de RINEITA (RIN. aprox. 3%) (com / ou sem argila). 1.

HALITA associada à CARNALITA (CARN. aprox. 15%), com disseminações de RINEITA (RIN. aprox. 2%) e de SILVITA (SILV. aprox. 2%) (com ou sem argila). 3.

SILVINITA com disseminações de material anidritico / argiloso e com disseminações de CARNALITA / (CARN. aprox. 3%) (SILV. aprox. 30%). 2.

CARNALITA associada à HALITA (HAL. aprox. 30%), com disseminações de material anidritico argiloso. 7.

CARNALITA associada à HALITA (HAL. aprox. 30%) com / disseminações de RINEITA (RIN. aprox. 2%) e com disseminações de material anidritico argiloso. 4.

CARNALITA associada à HALITA (HAL. aprox. 30%) e a TACHIDRITA (TACH. aprox. 20%), com disseminações de material anidritico argiloso. 6.

TAQUIDRITA associada à CARNALITA (CARN. aprox. 6%) / e HALITA (HAL. = 10%), com disseminações de material anidritico argiloso. 5.

ASSOCIAÇÕES

NÚMERO DA AMOSTRA

- HALITA com intercalação de leitos de FOLHELHO e CALCÁRIO com disseminação de material anidritico argiloso calcífero. (As amostras 56 e 66 o material anidritico argiloso é não calcífero. 53,54,56,63,64,65,66.
- HALITA com intercalação de leitos de FOLHELHO com disseminação de material anidritico argiloso calcífero. 67, 68, 69.
- HALITA com lâminas delgadas de ANIDRITA com disseminação de material argiloso e de CARNALITA / (CARN. aprox. 2%) (As amostras 83, 84 e 88 / contém intercalações de FOLHELHO). 81,83,84,88,89,90,91,92,93,94,95,96,97,100,101,102,105,106,107,108.
- HALITA com lâminas delgadas de ANIDRITA com disseminações de material anidritico argiloso. (Nas amostras 109,112,113,115,125,126,127,128,129,133,135,136,137,138,139,140 e 141 o material anidritico argiloso é calcífero). 98,99,109,110,112,113,114,115,116,117,118,119,120,121,122,123,125,126,127,128,129,130,131,132,133,135,136,137,138,139,140,141.
- HALITA com lâminas delgadas de ANIDRITA, com intercalação de leitos de CALCÁRIO e com disseminação de material anidritico argiloso. 103, 11, 124.
- TAQUIDRITA associada à HALITA (HAL. varia de 3 a // 10%) e CARNALITA (CARN. varia de 1 à 10% com disseminação de BISCHOFITA (BISCH./ aprox. 5%), com ou sem disseminação de // material anidritico argiloso. 70,71,72,74,76,77.

P K C - 6 - SE

<u>ASSOCIAÇÕES</u>	<u>NÚMERO DA AMOSTRA</u>
<u>TAQUIDRITA</u> com disseminação de HALITA (HAL. aprox. 2%) e de BISCHOFITA (BISCH. aprox. 8%) com ou sem disseminação de material anidritico argiloso.	73, 75.
<u>CARNALITA</u> associada á HALITA (HAL. aprox. 60%) / com ou sem disseminação de material anidritico argiloso. Na amostra 82, HAL. aprox. 20%.	78, 79, 80, 82.
<u>CARNALITA</u> associada à HALITA (HAL. aprox. 50%) / com intercalação de uma lâminas de TAQUIDRITA (TACH. aprox. 6%) com disseminação de material anidritico argiloso. 87.	
<u>FOLHELHO</u> - prêto às vêzes calcífero, com intercalação de leitos de CALCÁRIO com disseminação de HALITA (HAL. varia de 2 a 30%). A amostra 86 HAL. aprox. 60%. (As amostras 85 e 86 contém disseminações de CARNALITA (CARN. aprox. 1%).	55, 58, 85, 86, 134.
<u>CALCÁRIO</u> argiloso com intercalação de leitos de FOLHELHO calcífero, e disseminações de anidrita (AND. varia de 1 a 10%).	59, 60, 61, 62, 104, 142.
<u>ANIDRITA</u> com intercalação de leitos de CALCÁRIO com disseminação de material argiloso/ calcífero.	57.

<u>ASSOCIAÇÕES</u>	<u>NÚMERO DA AMOSTRA</u>
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA (com ou sem argila).	1,2,24,25,39,46,/ 47,48.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com disseminações de SILVITA (SILV. em tórno de 2%) (com ou sem argila).	3, 29,45.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com intercalação de lâminas de SILVINITA (SILV. varia de 3 a 12%) (com ou sem argila).	6,13,32,44,50.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com intercalação de lâminas de SILVINITA (SILV. aprox. 6%) e disseminação de CARNALITA (CARN. aprox. 2%) (com ou sem argila).	58.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com disseminação de CARNALITA (CARN. aprox. 3%)/ (com ou sem argila). Amostra 68, CARN. aprox. 10%.	49,56,60,66,68.
<u>HALITA</u> com leitos delgados de ANIDRITA, com intercalações de lâminas de calcário (com argila).	104,105,106,107,/ 108.
<u>HALITA</u> associada à CARNALITA (CARN. aprox. 35%) com disseminações de RINEITA (RIN. aprox. 3%), e disseminações de material anidritico argiloso.	85.
<u>SILVINITA</u> com ou sem disseminações de material anidritico argiloso (SILV. varia de 20 a 50%).	4,5,7,8,9,10,11,- 12,14,15,16,17,18 19,20,21,22,23,26, 27,28,30,31,33,34, 35,36,37,38,40,41, 42,43,51,52,53,54 55,57,59,61,63,65, 69,70,71,72,73,74, 76,75,77,78,79,80, 81,82,83,84,86,87, 88,89.

P K C - 7 - SE

ASSOCIAÇÕESNÚMERO DA AMOSTRA

- SILVINITA com ou sem disseminações de material anidritico argiloso (SILV. aprox. 40%), / com disseminações de CARNALITA (CARN. / aprox. 3%) e RINEITA (RIN. aprox. 3%). 67.
- SILVINITA com ou sem disseminações de material anidritico argiloso (SILV. varia de 20 a 40%), com disseminações de CARNALITA (CARN. aprox. 6%). 62, 64.
- CARNALITA associada à HALITA (HAL. varia de 15 a 50%), com ou sem disseminações de material anidritico argiloso. 91, 96, 97, 99, 100, 102, 103.
- CARNALITA associada à HALITA (HAL. aprox. 40%), / com disseminações de TAQUIDRITA (TACH. varia de 2 a 15%) e com disseminação / de material anidritico argiloso. 94, 98, 101.
- CARNALITA associada à HALITA (HAL. aprox. 35%), / com intercalação de um leito de SILVINITA no topo (SILVN. aprox. 10%), com disseminações de material anidritico / argiloso. 90.
- TAQUIDRITA associada à CARNALITA (CARN. aprox. / 2%) e HALITA (HAL. aprox. 5%), com // disseminações de material anidritico. A amostra 95, CARN. aprox. 12%). 92, 93, 95.

ASSOCIAÇÕES

NÚMERO DA AMOSTRA

HALITA com lâminas muito delgadas de ANIDRITA, com disseminação de CARNALITA (CARN. = 2%) (com ou sem argila).

1, 2.

SILVINITA com ou sem disseminação de material anidritico argiloso (SILV. varia de 20 a // 50%).

3,4,5,6,7,8,9,10,
11,12,13,14.

SILVINITA com ou sem disseminação de material anidritico argiloso, com disseminação de // CARNALITA (CARN. = 5%). SILV. = 30%);

15.

CARNALITA associada à HALITA (HAL. varia de 40 a 50%), com ou sem disseminação de material anidritico argiloso.

16,17,18,19,20,21.

ASSOCIAÇÕES

NÚMERO DA AMOSTRA

- HALITA com lâminas muito delgadas de ANIDRITA com disseminações de CARNALITA (CARN. aprox. 1%) (com ou sem argila). 1, 2, 3, 5.
- HALITA com lâminas muito delgadas de ANIDRITA com intercalações de lâminas de SILVINITA (SILV. varia de 1 - 3%) (com ou sem argila). 13, 15.
- HALITA com disseminação de CARNALITA (CARN. varia de 1 - 5%) com intercalação de leitos de FO FOLHEMO. A amostra 93 CARN. aprox. 10%. 66, 68, 85, 90, 91, 92, 93, 94, 95, 99.
- HALITA com lâminas muito delgadas de ANIDRITA com intercalação de leitos de FO FOLHEMO. 96, 97, 98, 100, 101.
- HALITA associada à CARNALITA (CARN. aprox. 35%) com disseminações de RINEITA (RIN. aprox. 3%) e com disseminações de material anidritico argiloso. 21.
- SILVINITA com ou sem disseminações de material anidritico argiloso com disseminações de CARNALITA (CARN. varia de 3 a 10%). (SILV. varia de 15 à 40%). 4, 6, 7, 8, 9, 10, 11, 12, 14, 15, 17, 20.
- SILVINITA com ou sem disseminações de material anidritico argiloso com disseminações de CARNALITA (CARN. em torno de 10%) e de RINEITA (RIN. aprox. 2%). (SILV. varia de 20 à 30%). 18, 19.
- CARNALITA associada à HALITA (HAL. varia de 20 à 50%) com ou sem disseminações de material anidritico argiloso. 22, 23, 24, 53, 54, 55, 57, 56, 87, 88, 89, 102, 103, 104, 105, 106, 27.
- CARNALITA associada à TAQUIDRITA (TACH. aprox. 10%) e HALITA (HAL. aprox. 3%), com ou sem disseminações de material anidritico argiloso. 25, 33.

P K C - 1 0 - SE

<u>ASSOCIAÇÕES</u>	<u>NÚMERO DA AMOSTRA</u>
<u>TACQUIDRITA</u> associada à HALITA (HAL. varia de 1 à 15%) e a CARNALITA (CARN. aprox. 1%) com disseminação de BISCHOFITA (BISCH. a- / aprox. 2%) com ou sem disseminação de material anidritico argiloso. As amos- tras 74, 75 e 79 CARN. aprox. 10%.	26, 28, 32, 33, 34, 52, 53, 56, 57, 59, 62, 63, 74, 75, 76, 78, 79, 81, 82.
<u>TACQUIDRITA</u> associada à HALITA (HAL. aprox. 20%) e a CARNALITA (CARN. aprox. 30%) com disseminação de BISCHOFITA (BISCH. aprox. / 2%) com ou sem disseminação de material anidritico argiloso.	73, 77, 80.
<u>TACQUIDRITA</u> com disseminação de HALITA (HAL. aprox. 10%) e BISCHOFITA (BISCH. aprox. 2%) // com ou sem disseminações de material anidritico argiloso.	29, 30, 31, 35, 36, 37, 54, 55, 60, 61.
<u>HALITA</u> com disseminação de material argiloso com intercalações de leitos de FOLHOSO calcífero, ANIDRITA e as vezes CALCÁRIO.	41, 42, 43, 44, 45, 46, / 47, 48, 49, 50, 51.
<u>FOLHOSO</u> preto calcífero com disseminação de CARNALITA. (CARN. aprox. 15%) e de HALITA (HAL. varia de 10 a 40%). A amostra 39 HAL. e / CARN. aprox. 1%.	39, 69, 70, 71, 72.
<u>CALCÁRIO</u> associado a ANIDRITA.	40.
<u>ANIDRITA</u> com matriz argilosa calcífera.	38.

ASSOCIAÇÕES

NÚMERO DA AMOSTRA

HALITA com lâminas muito delgadas de ANIDRITA (com ou sem argila).

1,2,3,4,5,6,11,12,
13,14,16,19,22,24,
25.

HALITA com lâminas muito delgadas de ANIDRITA, com disseminação de SILVITA (SILV. = 1%) (com / ou sem argila).

20.

HALITA com lâminas muito delgadas de ANIDRITA, com intercalação de lâminas de SILVINITA (SILV. varia de 2 a 7%) (com ou sem argila).

18, 23.

SILVINITA com ou sem disseminações de material anidritico argiloso (SILV. varia de 10 a 40%) 7,8,9,10,15,17,21.

<u>ASSOCIAÇÕES</u>	<u>NÚMERO DA AMOSTRA</u>
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, (com ou sem argila).	1,2,3,51,52.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com disseminação de SILVITA (SILV. aprox. 2%), / (com ou sem argila). A amostra 9 SILV. aprox. 8%.	9,19,21,31,38,40,42,50.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com intercalação de lâminas de SILVINITA (SILV./ varia de 10 a 20%) (com ou sem argila).	4,7,11,16,18,25, / 29,43.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com disseminação de CARNALITA (CARN. aprox. 3%)/ e SILVITA (SILV. aprox. 3%) (com ou sem argila).	27, 35.
<u>SILVINITA</u> com ou sem disseminação de material anidritico argiloso (SILV. varia de 15 a // 40%).	5,6,8,10,12,13,14,15,17,20,22,23,24,26,28,30,32,36,37,39,41.
<u>SILVINITA</u> com ou sem disseminação de material anidritico argiloso (SILV. varia de 30 a // 50%) e disseminação de CARNALITA (CARN. / \pm 5%).	34, 44, 49.
<u>CARNALITA</u> associada à HALITA com ou sem disseminação de material anidritico argiloso. (HAL. varia de 5 à 10%). A amostra 46 HAL. aprox 50%).	45, 46, 47, 48.

ASSOCIAÇÕES

NÚMERO DA AMOSTRA

HALITA com lâminas muito delgadas de ANIDRITA (com ou sem argila).

1, 2, 9, 10, 11,
12.

HALITA com lâminas muito delgadas de ANIDRITA com disseminação de CARNALITA (CARN. aprox. 5%) (com argila).

8.

SILVINITA com ou sem disseminação de material anidritico argiloso (SILV. varia de 10 a 30%).

3, 4, 5, 6, 7.

ASSOCIAÇÕES

NÚMERO DA ALCOCHA

<u>HALITA</u> com lâminas muito delgadas de ANIDRITA (com ou sem argila).	1, 2, 57, 58, 59, 61, 62, 63, 64.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com disseminação de SILVITA (SILV. aprox. 1%) (com ou sem argila).	3, 4, 5, 60, 66, 110.
<u>HALITA</u> com leitões muito delgados de ANIDRITA com / disseminações de CARNALITA (CARN. aprox. 3%) (com ou sem argila).	90, 91, 92, 94, 98, 111, 113, 114, 115, 116, 119
<u>HALITA</u> com leitões muito delgados de ANIDRITA com disseminações de SILVITA (SILV. varia de 1/ à 3%) e de CARNALITA (CARN. aprox. 2%) (com ou sem argila).	99, 104.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA, com intercalação de lâminas de SILVINITA (SILV. varia de 2% a 10%) (com ou sem argila).	56, 65, 75, 106, 107, / 108, 112.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA com intercalações de lâminas de SILVINITA (SILV. varia de 2% a 10%), com disseminações de // CARNALITA (CARN. aprox. 1%) (com ou sem argila).	67, 68, 100, 109.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA com intercalações de lâminas de SILVINITA (SILV. varia de 2 a 6%) e de FOLHELHO, com disseminações de CARNALITA (CARN. em torno de 2%).	30, 36, 43.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA com intercalações de lâminas de FOLHELHO e CARBONATO com disseminações de CARNALITA (CARN. varia de 1 a 3%).	31, 32, 33, 39, 40.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA com / intercalação de lâminas de FOLHELHO com dis	

P K C - 1 6 - SEASSOCIAÇÕESNÚMERO DA ALGUEIRA

seminações de CARNALITA (CARN. varia de 1 à 8%).

34,35,41,42,123,/
124.

SILVINITA com ou sem disseminação de material anidritico argiloso (SILV. predomina em tôrno de 30 - 50%).

6,7,8,9,10,11,12,/
16,17,18,19,20,21,
22,23,24,25,27,28,
47,49,51,53,71,72,
73,74,76,78,80.

SILVINITA com ou sem disseminação de material anidritico argiloso, com disseminação de // CARNALITA (CARN. varia de 1 a 2%)(SILV. varia de 30 - 50%).

13,14,15,26,29,45,
46,48,50,52,54,55,
69,77,79,82,83,84,
85,86,102,103,105,
122.

CARNALITA associada à HALITA (HAL. varia de 2 a // 5%), com ou sem disseminação de material anidritico argiloso.

120,121.

HALITA associada a CARNALITA (CARN. varia de 10 a // 30%) com disseminação de SILVITA (SILV. em tôrno de 20%).

70, 81, 87, 89.

CARNALITA associada à HALITA (HAL. em tôrno de 30%) com intercalação de lâmina de FOLHETO, / com disseminação de material anidritico / argiloso.

37, 38, 44.

CARNALITA associada à HALITA (HAL. varia de 25 à // 40%) com disseminação de TAQUIDRITA (TACE varia de 1 a 5%) com ou sem disseminação / de material anidritico argiloso.

93,101,117,118.

P K C - 1 6 - SE

ASSOCIAÇÕES

NÚMERO DA ALMOBRA

TAQUIDRITA com disseminação de HALITA (HAL. aprox. 2%) e BISCHOFITA (BISCH. aprox. 1%) com disseminação de material anidritico ar giloso.

88.

TAQUIDRITA com disseminação de HALITA (HAL. aprox. 3%), CARNALITA (CARN. aprox. 2%) e BISCHOFITA (BISCH. aprox. 2%) com ou sem disseminação de material anidritico ar giloso.

95, 96.

HALITA com disseminação de CARNALITA (CARN. aprox. 4%) e TAQUIDRITA (TACH. aprox. 10%) com ou sem disseminação de material anidritico ar giloso.

97.

HALITA associada à ANIDRITA, com ou sem disseminação de material argiloso.

125,126,127,128, /
129,130,131,133, //
137,138.

ANIDRITA associada à HALITA com ou sem disseminação de material argiloso.

132, 134, 135.

<u>ASSOCIAÇÕES</u>	<u>NÚMERO DA AMOSTRA</u>
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA (com ou sem argila).	1,2,3,4,7,30,31, / 32,33,34,46,47,48, 91,92,93.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA com disseminações de SILVITA (SILV. varia de 1/ a 2%) (com ou sem argila).	6,8,12,14,28,29, - 37,38,42.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA com disseminações de CARNALITA (CARN. em torno/ de 0,5%) (com ou sem argila).	40,43,44,50,51,54, 56,57,58,59,55,45, 49,52,53.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA com disseminações de SILVITA (SILV. aprox. 1%)/ e de CARNALITA (CARN. aprox. 1%) (com ou // sem argila).	35,36,39,41.
<u>HALITA</u> com lâminas muito delgadas de ANIDRITA com disseminações de CARNALITA (CARN. aprox.1%) e intercalações de leitos de CALCÁRIO.(com/ ou sem argila).	60,61,62,63.
<u>SILVINITA</u> com ou sem disseminações de material ani dritico argiloso (SILV. varia 25 a 50%).	5,9,10,11,13,15,16, 17,18,19,20,21,22,/ 23,24,25,26,27,64,/ 65,66,69,70.
<u>SILVINITA</u> com ou sem disseminações de material ani dritico argiloso com disseminações de CARNALITA e RINEITA.(CARN. aprox. 1%) // (RIN. aprox. 1%).(SILV. varia de 15 à // 40%).	67, 68.
<u>CARNALITA</u> associada à HALITA (HAL.varia de 20 a // 50%) com ou sem disseminações de materi- al anidritico argiloso.	71,75,77,82,96,103,

P K C - 1 8 - SEASSOCIAÇÕESNÚMERO DA AMOSTRA

104,105,106,107.

- CARNALITA associada à HALITA (HAL. varia de 25 à 50%) com disseminações de TAQUIDRITA // (TACH. varia de 10 a 25%) com ou sem disseminações de material anidritico argiloso. 73, 79, 80, 94.
- TAQUIDRITA associada à HALITA (HAL. varia de 15 à 20%) com disseminações de CARNALITA // (CARN. varia de 10 a 30%) e BISCHOFITA/ (BISCH. aprox. 2%), com disseminações de material anidritico argiloso. 76, 95, 97, 99,100.
- TAQUIDRITA associada à HALITA (HAL. varia de 1 à 3%) com disseminações de CARNALITA /// (CARN. varia de 1 a 2%) e BISCHOFITA // (BISCH. aprox. 3%), com disseminação de material anidritico argiloso. 95, 97, 99.
- TAQUIDRITA com disseminações de HALITA (HAL. aprox. 1%) e de BISCHOFITA (BISCH. aprox. 2%)/ com ou sem disseminações de material anidritico argiloso. 72, 74, 78, 81, 98.
- POULHEIRO prêto calcífero, associado à HALITA // (HAL. varia de 25 a 60%), CARNALITA // (CARN. aprox. 8%) e TAQUIDRITA (TACH. - aprox. 50%) com disseminação de BISCHOFITA (BISCH. aprox. 1%). 101, 102.
- HALITA - associada à ANIDRITA com ou sem disseminação de material anidritico argiloso. 83,84,85,86,87,88, / 89.
- ANIDRITA - associada à HALITA (HAL. aprox. 20%) // disseminação de material anidritico argiloso. 90.

ASSOCIAÇÕES

NÚMERO DA AMOSTRA

HALITA com lâminas muito delgadas de ANIDRITA //
(com ou sem argila).

14, 15.

HALITA com lâminas muito delgadas de ANIDRITA //
com intercalações de lâminas de SILVINITA
(SILV. varia de 2 a 15%) (com ou sem argi
la).

3,5,7,8,9,11,13.

HALITA com lâminas muito delgadas de ANIDRITA, /
com disseminações de SILVITA (SILV. em //
tôrno de 2%) (com ou sem argila).

10, 16, 17, 18.

HALITA com lâminas muito delgadas de ANIDRITA, /
com intercalações de lâminas de SILVINITA
(SILV. em tôrno 10%) e de FOLHELHO (FOLH.
em tôrno de 5%).

1.

SILVINITA com ou sem disseminações de material a
nidritico argiloso. (SILV. em tôrno de
40%).

2, 4, 6, 12.

ASSOCIAÇÕES

Nº DA AMOSTRA

HALITA com lâminas muito delgadas de ANIDRITA (com argila).

4.

HALITA com lâminas muito delgadas de ANIDRITA, com disseminações de SILVITA (SILV. aprox. 3%). (com argila).

1.

HALITA com lâminas muito delgadas de ANIDRITA com intercalação de lâminas de SILVINITA (SILV. varia 7 à 10%). (com argila).

5, 6.

SILVINITA com ou sem disseminações de material anidritico argiloso (SILV. varia de 25 a // 50%).

2, 5, 7, 8, 9, 10, 11.

MINISTÉRIO DAS MINAS E ENERGIA

LAMINAS DELGADAS

Poço PKC-1-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado 20 (718.65/735.15) m. J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amostr.	Interv. n.º recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
1	720.72 .77	20	3			SILVN verm, mui fn estrat, text md, com uma lam e contatos no topo e base de HAL cast, text md.
1 A	721.00 .05	20	3			HAL cast, lam, text micro crist e fn loc - md no topo, mui fn lams de argila, lams - averm com dissem de SILVITA.
2	721.61 .66	20	3			HAL cast et lev averm, lam text fn/md, na base uma lam e um leito 1.3 cm SILVN verm/esc text fn/md. Algumas mui fn lams argila.
3	721.95 .99	20	4			SILVN verm esc, lam e mui fn estrat, text fin/md, com lams na base de HAL cast lev - averm (prov com dissem de silv) text fin a micro. Algumas mui fn lams argila.
4	723.12 .17	20	5			HAL cast, fin estrat, text md.
5	724.08 .12	20	6			HAL cast lev averm, lam, text fin, com mui fn lams argila.
6	724.52 .57	20	6			SILVN rósea, fin estrat e lam no topo, - text md.
7	724.97 725.02	20	7			SILVN verm esc, mui fn estrat a lam, text med/fin, algumas fin lams HAL cast argosa text fin loc assoc com mui fn lams argila.
8	725.12 .17	20	7			HAL cast lev averm, lam, text fin a md, - alguma mui fn lams argila.
9	726.07 .12	20	8			HAL cast, fin estrat, text md.
10	726.83 .88	20	9			HAL cast, fin estrat, text md com dissem - de SILV verm

Poço PKC-1-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado: Tm 20 Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. teste	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
11	727.41 .46	20	9			SILVN averm e brca, lam a mui fn estrat, - text md.
12	727.81 .86	20	10			HAL/SILVN. Na parte sup HAL cast text md. - com dissem de SILV verm, na parte inf SILVN verm text md, estrat insipiente.
13	728.06 .12	20	10			SILVN/HAL. SILVN verm esc, lam e no topo - mui fn estrat, text md/fin, com lams HAL - cast e acz arg text fin.
14	728.27 .31	20	10			HAL cast lev averm, lam, text fin, com mui fn lams argila.
15	728.48 .53	20	10			SILVN verm, esbranq no topo, mui fn estrat a lam, text md, loc fin lams HAL cast acz arg.
16	728.81 .86	20	11			SILVN brca sub leit e na parte inf verm, - fin estrat, text subgross a med.
17	729.34 .39	20	11			SILVN verm, fin estrat a lam na base, text mistura sub-gross com md, algumas lams na base HAL cast text fin.
18	729.77 .82	20	12			SILVN lev averm, mui fn estrat, text md, - loc fn lam acz argosa.
19	730.08 .13	20	12			SILVN brca leit uma lam no topo lev averm, fin estrat text md.
20	730.39 .45	20	12			SILVN brca e averm, mui fn estrat a lam, - text md.
21	730.53 .58	20	13			SILVN verm esc, mui fn estrat, text md, loc fin lam hal/acz.
22	730.94 .99	20	13			SILVN verm esc, fin estrat a lam, text med, algumas fin lams HAL acz argosa.

Poço PKC-1-SE Intervalo (m) _____ Intervalo de Profundidade _____

Intervalo total testemunhado Tm 21 (735.15-752.15) Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
23	731.31 .36	20	13			SILVN averm, mui fn estrat, text md a loc subgross. loc uma lam insipiente hal acz arg.
24	731.645 .675	20	14			SILVN verm esc, mui fn estrat, loc fin lam HAL cast.
24 A	731.675 .730	20	14			HAL cast lev averm e acz (arg), lam, text fin, lam mui fin lams argila.
25	732.27 .32	20	14			SILVN lev averm, estrat insipiente, text md.
26	732.84 .89	20	15			SILVN verm, lam e mui fin estrat, text md, loc fn lam hal cz arg e mui fn lams argila.
27	733.20 .26	20	15			SILVN brca sub-leit lev acinz/averm no topo, mui fin estrat text md/ sub-gross, proximo ao topo fin lam cz arg.
28	733.57 .64	20	16			SILVN brca sub-leit, lev averm no topo, - mui fin estrat a loc lam, text md/subgross, na base duas fin lams hal cz arg.
29	734.09 .15	20	16			SILVN amarela e verm, lam, text md.
30	734.46 .52	20	16			SILVN amarela loc averm, mui fin estrat, - proximo ao topo duas fin lams hal cz arg - et uma na base cast text fin.
31	734.56 .61	20	17			HAL/SILVN. Mui fn estrat e lam insipientes de HAL acz arg e SILVN averm/amarel, text md/subgross, no topo uma lam HAL cast text fin.
32	734.83 .89	20	17			SILVN averm e esverd, lam, text md.

Poço PKC-1-SE Intervalo (m) _____ Intervalo de Profundidade _____

Intervalo total testemunhado: Tm 21 Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
33	735.15 .21	21	1			SILVN amarela, loc averm, mui fin estrat a lam, text md.
34	735.53 .59	21	1			SILVN lam, esbranq e acz (dissem prov argila), text md.
35	735.84 .90	21	1			SILVN brca sub-leit, fin estrat, text md/sub-gross.
36	736.20 .26	21	2			SILVN amarela, loc lev averm, mui fin estrat, text md, loc e na base fin lams HAL cz arg.
37 (duas)	736.47 .53	21	2			SILVN esverd, mui fn estrat, text md. Mui - fn leito na base HAL acz com dissem mineral de decomp rápida no ar para mancha amarel.
38	736.53 .59	21	2			HAL/CARN. Lam de HAL acz (prov arg) text - fin, com CARN acz transl text prov md/sub-gross.
39	736.69 .75	21	2			CARN/SILVN. CARN acz e averm, aparent sem estrat, text prov md/sub-gross, assoc com hal, na base lams SILVN amarela vern text md.
40	736.75 .81	21	2			SILVN verm e amarel na base, lam, text md, com lams HAL acz arg.
41	736.82 .88	21	2			CARN/SILVN. CARN verm opaco em meio transl, aparente sem estrat, text prov md/sub-gross, no topo com mui fin leito SILVN amarel text md. OBS: Amostra loc no contato da base real da zona de silvn.
42	737.35 .41	21	3			CARN verm opaco em meio transl, text prov md/sub-gross, com lams e lentes HAL cast - text md.
43	738.06	21	3			CARN lev esverd transl, aparenta sem estrat,

Poço PKC-1-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado: Im 21 Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
	738.12					text prov sub-gross.
44	738.74 .80	21	4			CARN acinz transl, aparenta estrat insipi- ente, text prov md/sub-gross, prov assoc - com hal.
45	Frgmento na am - cont. n.º 53	21	5			TACH lev esv transl, text gross.
46	Frgmento na am - cont. n.º 53	21	5			TACH lev esv, transl, text gross.
47	Aprox 741.50 .56	21	6			TACH amarel/averm transl, text gross, com dissem de CAR e HAL.
48	Aprox 742.30 .36	21	7			TACH verm transl, text gross, com CAR, na base lams HAL cast text fin com pintas - AND brca.
49	Aprox 742.50 .56	21	7			TACH averm/amarel transl, opaco, text - gross e loc mul gross.
50	742.60 .66	21	7			TACH verm transl e opaco, text gross, com dissem e restos de lam de HAL, tb prov - dissem de CAR.

Poço PKC-6-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado Tm 5 (546,80-563) Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
1	547.03 .08	5	1			HAL cast lev averm lam com cz arg, text med a loc fina.
2	548.36 .42	5	2			HAL esbranq prov com dissem AND, loc cz arg, fin estrat a lam insipiente, text med/sub-gross.
3 B	548.94 .99	5	3			HAL crême cl, lam insipiente, fin lams prov anidriticas, text sub-media.
3 A	549.37 .42	5	3			HAL verm cl transl text sub-média, transl de text gross, e cast averm lam com cz text fin. Mui fin estrat a lam.
4	549.44 .49	5	3			SILVN verm opaca text med, com fn lams insipiente de hal cast, na base com lams HAL cast averm text fin lam com argila.
5 B	549.65 .71	5	3			HAL cast lev averm lam com cz arg, text fin.
5 A	550.45 .50	5	4			HAL esbranq meio transl, meio acz na base, fin a mui fin estrat, text med.
6	551.12 .17	5	5			HAL creme cl meio transl, estrat insipiente, text med.
7	552.55 .60	5	6			HAL cast cl, aparente sem estrat, text med.
8 B	553.04 .09	5	7			SILVN/HAL. Silvn verm lam text med, com leite na base hal cast transl text sub-gross no contato fin lam anidritica.
8 A	553.19	5	7			SILVN verm, text med, lam com HAL cast

Poço PKC-6-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado: Tm 5 Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
	553.23					text fin.
9 B	553.26 .31	5	7			HAL cast text fin, lam com mui fin lams - argila, poss loc dissem Silv.
9 A	553.51 .56	5	7			HAL cast cl meio transl loc acz arg, mui - fin estrat, text med, proximo a base duas - fin lams anidriticas.
10	554.10 .14	5	8			SILVN verm opaco, mui fin estrat a lam. - text med, lams (espessas na base) de HAL - cast e cz arg, text fin.
11	554.63 .68	5	8			HAL, no topo cast cl text med, no meio in- color text gross, na base cast e cz arg - text md.
12	555.40 .45	5	9			SILVN verm opaca, text md, laminada com - fin lams de hal cast assoc com silv.
13	555.69 .74	5	9			SILVN verm, na base lam esbranq, laminação pouco nítida, text med.
14	555.90 .95	5	9			HAL cast text fin e/ou microcrist, lam com mui fin lams argila, com pintas ANIDRITA - brca leit. No meio lams <u>SILVN</u> verm opaco - text med/fin.
15	556.06 .10	5	10			SILVN verm opaco, lam a mui fin estrat, - text med/fin, no meio com fin lams HAL cast text fin.
16	556.38 .43	5	10			HAL incolor text gross, na base cast text med loc com dissem arg.
17	557.49	5	11			HAL incolor text gross, loc cast prov text

Poço PKC-6-SE Intervalo (m) _____ Intervalo de Profundidade _____

Intervalo total testemunhado: 5m Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
	557.54					med com fin lams esbranq anidriticas.
18	558.46 .52	5	12			HAL, interc de incolor text sub-gross, cast text prov med e cz arg.
19	558.90 .96	5	13			HAL, lam de incolor text gross, cast text med a fina, dissem pintas verm prov silvita.
20	559.15 .20	5	13			SILVN averm text med, estrat em geral obscura, text med assoc com lams descontínuas de HAL cast text fina.
21	559.21 .27	5	13			SILVN amarela, text med/gross.
22	559.41 .46	5	13			SILVN verm mosq de amarelo, aparenta sem estrat, text med, com dissem de lenticulos de hal cast cz arg.
23	559.57 .62	5	13			SILVN averm mosq de amarelo, aparenta sem estrat, text med a sub-gross.
24	559.80 .84	5	14			SILVN amarela e sub-leitosa, lam text med/sub-gross, no topo duas fin lams hal cz arg, no meio/base fin lam descent prov AND.
25	559.86 .91	5	14			SILVN lam verm e esverd, text med/fin, loc mui fin lams descent de hal cz, na base fin lam hal cast.
26 A	559.97 560.02	5	14			SILVN amarela mosq de incolor, mui fin estrat, text med, no meio com uma lam sub-leit text sub-gross.

Poço PKC-6-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado: Tm 5 Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
26 B	560.11 .14	5	14			SILVN lam, amarela e na base verm, text med, na base uma fin lam hal cast text fina.
27	560.15 .19	5	14			HAL cast lám text fina, no topo finas lams SILVN verm.
28	560.32 .36	5	14			SILVN averm mosq de amarelo, mui fin estrat, text med, na base lams HAL esverd text fin.
29	560.50 .54	5	14			SILVN verm text med, no topo fin lam com argila, tb mui fin lams descont argila, uma lam no topo e outra na base HAL cast text fin.
30	560.60 .65	5	15			SILVN amarel com duas lams verm no topo, mui fin estrat, text med.
31	560.73 .78	5	15			SILVN mosq de incolor e brco leit, text sub-gross, e na base averm text med.
32	560.86 .91	5	15			SILVN amarelo leit, averm próximo à base, mui fin estrat, text med.
33	561.06 .11	5	15			SILVN mosq de brco leit com incolor, na base uma lam lev averm, text sub-gross.
34	561.23 .28	5	15			SILVN amarela text med, HAL esverd text fina.
35 A	561.37 .41	5	15			SILVN amarela leit, aparente sem estrat, text med/sub-gross.
35 B	561.41 .45	5	15			SILVN mosq de brco leit e incolor, aparente sem estrat, text gross, no meio lamina mosq de averm.
36	561.61 .65	5	16			SILVN amarelo sub-leit, aparente sem estrat, text med.

AMOSTRAGEM DE LÂMINAS DELGADAS

FÓLHA N.º 5

Poço PKC-6-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado Tm 6(563 - 579) Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
37 A	561.82 .86	5	16			SILVN amarela sub-leit averm no topo, mui fin estrat, text mistura med e gross, suturada, alongada.
37 B	561.86 .89	5	16			SILVN amarela sub-leit e averm, lam, text c/a.
38 A	562.00 .03	5	16			SILVN verm e averm, em lam obscura, text med.
38 B	562.06 .10	5	16			Inter lam de HAL esverd text fina, SILVN averm text med, e no meio base HAL incolor text sub-gross, no meio topo fin lam argila.
39	562.14 .19	5	16			SILVN no topo averm e na base amarel, estrat obscura mui fin, text med.
40 A	563.00 .05	6	1			Assoc de HAL com CARN, text obscura, text med a sub-gross, com dissem mineral com alteração rápida no ar manchando de amarelo e depois verm tb verde no papel (prov rineita ?)
40 B	563.10 .15	6	1			Assoc gran CARN averm/amarel e HAL transl, aparente sem estrat, text med.
41	563.22 .27	6	1			Assoc gran cz cl, HAL transl e CARN transl, text med/sub-gross, aparente sem estrat - mas no meio com duas fin lams breca anidriticas.
42	563.77 .82	6	1			Assoc gran CARN verm opaco e transl com HAL cast e transl, text med/sub-gross, aparente sem estrat.
43	563.84 .89	6	1			Não obtida.

Poço PKC-7-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado Tm 2(449.35-465.85) m J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amostr.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
1	449.97 450.03	2	1			HAL cast et uma lam hial na base, laminada, mui fn leito no topo, text md loc fn leito no topo, text md loc fn, com fin lams cz arg.
2 A	450.34 .40	2	2			SILVN averm, estrat má, mui fn, text md et tb sub-gross, loc lenticulas hal cast.
2	450.45 .51	2	2			SILVN verm brca no topo, estrat mui fn a loc lam, text sub-média, loc mui fn lams acinz prov arg.
3	450.68 .73	2	2			HAL cast, lam, text fin, com mui fn lams cz arg, proximo ao topo uma lam SILVN brca/ verm text md subgross tb preenchendo peg frat, outra lam na base com dissem de SILV.
4	451.17 .22	2	2			SILVN brca leit rósea no topo, aparenta com apenas um plano de estrat no topo, text mist md e sub-gross.
5	451.52 .58	2	3			SILVN brca sub-leit e averm loc amarel dissem, estrat mui fn a lam, text md loc mist com sub-gross.
6	451.75 .81	2	3			SILVN/HAL. Na parte sup, HAL cast microcrist lam com SILVN verm esc text sub-med. Na parte inf SILVN brca e averm, lam, text md.
7	451.96 452.03	2	3			SILVN brca leit e na parte inf averm, estrat mui fn a lam, text md, uma lam HAL cast.
8	452.31 .37	2	4			HAL/SILVN, HAL cast microcrist, lam com SILVN verm escuro, text prov sub-md ou fin.

Poço PKC-7-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado: Tm 2 Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
9	452.70 .76	2	4			SILVN brca sub-leit, apar sem estrat, text pred sub gross.
10	453.02 .08	2	5			SILVN verm, lam, text md, com algumas lams HAL cast microcrist.
11	453.28 .34	2	5			SILVN brca sub-leit, averm na parte inf, estrat mui fn a lam na parte sup, text md.
12	453.49 .56	2	5			SILVN verm esc text md, no topo esbranq - text sub-gross, mui fn estrat a lam, na base lams de HAL cast text fin.
13	453.80 .86	2	5			SILVN brca sub-leit, na parte sup três lams averm, mui fn estrat, text md a sub-gross/na base.
14	454.05 .11	2	6			SILVN/HAL, SILVN verm esc loc creme, lam, / text md, com lams HAL cast text fin assoc a mui fn lams argosa.
15	454.17 .23	2	6			SILVN brca sub-leit a lev averm na parte inf, mui fn estrat, text sub-gross a md.
16	454.32 .38	2	6			SILVN/HAL, SILVN verm esc lam a mui fn estrat text md, com lams HAL cast e acz arg text fin.
17	454.59 .65	2	6			HAL cast loc acz arg, sub-lam, text fin a med.
18	454.89	2	7			HAL cast cl transl loc com dissem argosa, mui fn estrat, text med.
19	455.12 .18	2	7			HAL transl text gross, próximo ao topo um mui fin leito cast cl text md inclindo uma lam argosa. OBS: Localizada sobre zona de SILVN.

Poço PKC-7-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado: 2m Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
20	455.28 .34	2	7			SILVN esbranq/amarel mui fn estrat text - sub-gross, e na parte inf verm loc transl, lam, text md a sub-gross, com algumas fn-lams HAL cast argosa.
21	455.57 .63	2	7			SILVN sub-transl, com dissem pintas averm, aparenta sem estrat, text sub-gross.
22	455.95 456.00	2	8			HAL, lam a mui fin estrat, transl text - gross, e na parte inf tb cast acz arg text md a fin, loc e na base uma lam com dissem SILV.
23	456.25 .31	2	8			SILVN brca e verm, lam, text md a loc sub-gross.
24	456.47 .53	2	8			SILVN/HAL, SILVN verm esc, mui fn estrat a lam, text md, na parte inf lam com HAL - cast text fin.
25	456.78 .84	2	8			SILVN esbranq mui fin estrat a lam com - verm na parte inf, text med.
26	457.23 .29	2	9			SILVN averm e esbranq na parte inf, mui - fin estrat, text med.
27	457.47 .53	2	9			SILVN verm e esbranq, lam a mui fin estrat, text med.
28	457.82 .88	2	10			HAL cast, et cz arg, mui fin estrat, text md, prov com lev dissem silv na parte inf.
29	458.13 .19	2	10			SILVN brca, loc lev a marron, mui fin - estrat a lam pouco discernível, text med a loc sub-gross.
30	458.44 .50	2	10			SILVN brca, no topo lev a marron, fin es- trat, text sub-gross, e med no topo.

Poço PKC-7-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado: Tm 2 Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não resup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
31	458.82 .88	2	11			SILVN verm loc cast, lam insipiente, text med.
32	459.23 .29	2	11			HAL/SILVN. HAL cast, mui fin leito text - fin/med e outro sub-gross com dissem de - silv. Na metade inf da am SILVN verm esc - text med com dissem argila irreg segundo - estrat.
33	459.52 .58	2	11			HAL cz. acast, lam com mui fn lams argila, / text fin, no topo uma lam transl text sub-gross com dissem verm prov silv.
34	460.20 .26	2	12			HAL cz. cl. loc cz. arg, lam, text md/fin a loc sub-gross.
35	460.85 .91	2	13			HAL transl, text gross, próximo ao topo - prov uma lam c/ dissem AND.
36	461.91 .97	2	14			HAL transl, loc cz (arg) e no meio uma lam averm, text sub-gross e loc md/fin.
37	463.03 .10	2	15			HAL transl acz loc cz (arg), lam a mui fin estrat, text md/sub-gross, uma lam no topo e base text fin.
38	463.43 .49	2	15			HAL cast lam com mui fin lams argila, text fin, na parte inf cast transl text md com dissem arg, loc dissem e no topo uma lam - SILVN amarel/averm text med.
39	463.94 464.00	2	16			SILVN brca sub-leit loc amarel, mui fin - estrat a lam, text med.
40	464.22 .28	2	16			SILVN amarela verm na base, fin estrat, - text med.
41	464.47 .53	2	16			SILVN masq amarela/verm, mui fin estrat a lam, text med, loc fin lams hal cz arg.

Poço PKC-7-SE Intervalo (m) Intervalo de Profundidade

Intervalo total testemunhado Tm 3 (165.85/181.85) Logo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
42	164.76 .82	2	17			HAL/SILVN. Na parte sup HAL cast e cz arg, lam, text fin, com dissem de mineral mais solúvel. Na parte inf SILVN amarela loc averm mui fin estrat text med.
43	165.20 .26	2	17			HAL cast lam text fin, com fin lams cz arg, com dissem prov CARN.
44	165.52 .58	2	17			SILVN mosq amarelo brca, loc pintas e uma lam averm, mui fin estrat, text med.
45	166.05 .11	3	1			SILVN c/a, no topo lev averm.
46	166.51 .57	3	1			HAL/CARN assoc, carn verm text prov med/sub-gross, prov c/ dissem silv, na base leito - SILVN amarel/averm text med, HAL cast e cz text fin/med.
47	166.69 166.75	3	1			SILVN amarela, aparenta sem estrat, text - med.
48	166.98 167.04	3	2			SILVN amarela loc pintas verm, aparenta - sem estrat, text med, na base assoc com - CAR e prov Rineita (alterações rápida no ar)
49	167.34 .40	3	2			HAL/CAR assoc, carn verm text prov med, hal cast e cz text fin/med. Am semelhante a 46.
50	167.61 .67	3	3			SILVN amarela com fn lams verm na parte sup, mui fin estrat, text md.
51	168.00 .06	3	3			SILVN acz, mui fin estrat a lam insipiente, text med.
52	168.39 .45	3	3			SILVN acz amarel loc averm, mui fin estrat a loc lam, text med.

Poço PKC-7-SE Intervalo (m) _____ Intervalo de Profundidade _____

Intervalo total testemunhado: 3m Geólogo: J.C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
53	468.79 .85	3	4			SILVN amarela loc averm, lam a mui fin es- trat med.
54	468.99 469.05	3	4			HAL/SILVN. HAL cz cl transl, sem estrat - (lenticulos no testo), text sub-gross, com dissem silvn, na base SILVN, mosq verm e cz cl, text med.
55	469.42 .48	3	4			SILVN amarela loc averm, mui fin estrat, a lam, text med.
56	469.70 .76	3	5			SILVN mosq de verm e amarelo, lam insipi- ente, text med, no topo lams <u>verticais</u> - HAL cast text fin.
57	470.06 .12	3	5			SILVN amarela e averm, mui fin estrat, text med.
58	470.41 .47	3	5			SILVN amarela loc averm, mui fin estrat a lam, text med, proximo ao topo fin lams - HAL cast text fin.
59	470.75 .81	3	6			SILVN/HAL, Silvn mosq de amarelo e verm, - text med, lam, na parte sup com lams dobra das HAL cast text fin.
60	471.07 .13	3	6			SILVN amarela, loc lam cz arg, mui fin es- trat a loc lam, text sub-gross a loc med.
61	471.30 .36	3	6			CAR/HAL, CAR verm transl et uma lam opaca, text med/sub-gross, mui fin leito HAL cast acz text fin, outro na base asoc com carn.
62	471.61 .67	3	7			SILVN amarela e averm, mui fin estrat a - lam, text med, fin lams e espessas na base de HAL cast text fin a med.

Poço PKC-7-SE Intervalo (m) _____ Intervalo de Profundidade _____Intervalo total testemunhado: Tm 3 Geólogo: J. C. FONSECA

N.º Amostra	PROFUND. TESTO	TESTO N.º	Caixa N.º	Espes. da amost.	Interv. não recup.	OBSERVAÇÕES SOBRE LITOLOGIA (Macroscópicas)
63	471.94 472.00	3	7			SILVN mosq amarel e lev averm no topo, - aparenta sem estrat ou insipiente, text - suturada med/sub-gross.
64	472.25 .31	3	7			SILVN mosq amarel e lev averm na base, - c/a aparenta sem estrat ou insipiente, - text sut med/sub-gross.
65	472.53 .59	3	8			SILVN/CAR. Amostra no contato da base da / zona de silvn. SILVN lev esv e averm, mui fin estrat a lam insipiente, text med, com fin lam HAL cz arg. Na base assoc gran - (ou crist) de HAL e CARN e prov tb silv.
66	472.75 .81	3	8			CARN, acz e na parte inf alaranj transl - mui fin estrat a lam, text med/sub-gross, mui assoc (menos na parte inf) com graos - (ou cristais) de hal.
67	473.20 .26	3	8			CARN verm opaco em meio transl, text med/ sub-gross com hal intersticial, e na base leito dobrado, HAL cast lam text fin.

MINISTÉRIO DAS MINAS E ENERGIA

RESULTADOS DA COMPUTAÇÃO DAS ANÁLISES

DADOS COMPUTADOS

Composição das amostras cortadas dos testemunhos pelo setor de amostragem principal, dada em sais componentes, e em composição mineralógica provável.

O cálculo dos sais não apresenta problemas, pois, sendo feito o balanço iônico, há cations suficientes para saturar os anions presentes, qualquer que seja a seqüência dos cálculos.

No cálculo da composição mineralógica, os valores do RI (argilas, anidrita e outros minerais insolúveis), NaCl, anidrita e sulfatos de Na-K-Mg (por sua presença inexpressiva), podem ser considerados como constituintes finais, ao lado dos minerais a calcular. Dado o tipo de salmoura original, os teores restantes de sais devem ser distribuídos entre silvita, carnalita, bischofita e tachidrita.

O cálculo foi computado partindo da saturação de CaCl_2 em tachidrita. Quando há excesso de CaCl_2 , este é dado na coluna " CaCl_2 -Sobra". Quando o excesso é de MgCl_2 , este é combinado com KCl para dar carnalita. Resultando uma sobra seguinte de KCl, esta vai constituir o teor da silvita, dado na coluna correspondente. Alternativamente, sobrando MgCl_2 , este é computado e registrado como bischofita.

A comparação da composição mineralógica computada, com a determinada microscópicamente, em todas as amostras, menos nas do PKC-10 e PKC-18, num total de 864 amostras, mostrou discrepâncias de composição nas 16 seguintes amostras:

PKC-16	- amostras:	32-33-87-44-79-43
PKC-12	- "	46
PKC- 2	- "	33-19
PKC- 1	- "	136-126-127-145-146-148-153.

...

Foi calculada a composição mineralógica destas amostras, partindo da combinação do $MgCl_2$ com o KCl . Havendo excesso de KCl , êste é dado como silvita. Se o excesso fôr de $MgCl_2$, êste é calculado com o $CaCl_2$ para dar tachidrita, sendo, alternativamente, a sobra de $MgCl_2$ calculada como bischofita, ou a sobra de $CaCl_2$ levada à coluna de " $CaCl_2$ -Sobra". Comparando a composição provável, calculada desta forma, com a constituição mineralógica determinada no microscópio, verificou-se concordância. Esta última marcha de cálculo conduz a resultados mais aproximados, apesar da presença certa de tachidrita nas seguintes amostras de folhelho:

PKC- 6 - Amostras:	85
PKC-16 - "	37-38
PKC- 1 - "	111-112-116.

Se não houver sobra de $CaCl_2$, sendo os sais suficientes para fechamento da composição mineralógica, o cálculo pode ser feito indiferentemente, de um modo ou de outro. Havendo, contudo, excesso de $CaCl_2$, indício seguro de presença de $CaCO_3$ na amostra, e oriundo do balanço iônico, o cálculo partindo do $MgCl_2$ é o mais aproximado. Isto ocorreu nas amostras enumeradas. Esta consideração aconselha usar, no futuro, sempre a última seqüência, partindo do $MgCl_2$, para a computação da composição mineralógica.

// JOB 00FF 10FF

EX 69029

LOG DRIVE	CART SPEC	CART AVAIL	PHY DRIVE
0000	00FF	00FF	0000
0001	10FF	10FF	0001

V2 M04 ACTUAL 32K CONFIG 32K

// FOR

*LIST SOURCE PROGRAM

*ONE WORD INTEGERS

*IOCS(1403PRINTER,2501READER)

C D.N.P.M.-PROJETO POTASSIO

C COMPOSICAO PROVAVEL DOS SAIS COMPONENTES DOS EVAPORITOS

C PARA ESTUDO DAS OCORRENCIAS DE SAL-GEMA E SAIS DE POTASSIO

C DE CARMOPOLIS, ESTADO DE SERGIPE.

C PROGRAMADOR SANDOVAL CARNEIRO JUNIOR

INTEGER ORD

REAL NA,K,MG,NACL,NASO4,KCL,K2SO4,MGCL2,MGSO4,KCLR,K2O

DIMENSION F(18)

READ(8,1)(F(I),I=1,18)

1 FORMAT(10F8.4)

F(13)=1+F(12)*(1+F(14))

F(16)=1+F(15)*(1+F(14))

F(17)=1+1./F(15)+F(14)

F(18)=1+1./F(12)+F(14)

WRITE(5,11)

11 FORMAT(/,55X,'FATORES',//)

WRITE(5,12)(I,F(I),I=1,18)

12 FORMAT(9(1X,'F',I2,'=',F6.4),//)

2 READ(8,3)ORD,UMID,RI,NA,K,CA,MG,CL,SO4

3 FORMAT(I3,8F8.4)

IF(ORD)68,5,9

5 READ(8,6)N

6 FORMAT(I3)

WRITE(5,7)N

7 FORMAT('1',///,50X,'POCO',2X,'PKC-',I2,'-SE'//)

WRITE(5,8)

8 FORMAT(1X,'NUM',3X,'KCL',2X,'MGCL2',3X,'CACL2',3X,'MGSO4',3X,'NASO

104',3X,'K2SO4',3X,'CASO4',3X,'RI',3X,'UMID',3X,'NACL',3X,'CARN',3X

2,'SILV',3X,'TACH',3X,'BISCH',3X,'K2O',3X,'CACL2',/,115X,'SOBRA')

GOTO2

C COMPOSICAO DOS SAIS

9 IF(SO4-F(1)*CA)10,20,20

10 CASO4=(1+F(10))*SO4+.005

CA=CA-F(10)*SO4

MGSO4=0

NASO4=0

K2SO4=0

CACL2=(1+F(11))*CA

CL=CL-F(11)*CA

13 MGCL2=(1+F(3))*MG

CL=CL-F(3)*MG

15 KCL=(1+F(4))*K

CL=CL-F(4)*K

NACL=CL*F(7)+.005

GOTO45

20 CASO4=(1+F(1))*CA+.005

```

S04=S04-F(1)*CA
CACL2=0
IF(F(2)*S04-MG)25,30,30
25 MGS04=(1+F(2))*S04+.005
MG=MG-F(2)*S04
K2S04=0
NAS04=0
GOTO13
30 MGS04=(1+F(5))*MG+.005
S04=S04-F(5)*MG
MGCL2=0
IF(K-F(6)*S04)35,40,40
35 K2S04=(1+F(8))*K+.005
S04=S04-F(8)*K
KCL=0
NAS04=(1+F(9))*S04+.005
NA=NA-F(9)*S04
NACL=2.5434*NA+.005
GOTO45
40 K2S04=(1+F(6))*S04+.005
K=K-F(6)*S04
NAS04=0
GOTO15
C COMPOSICAO MINERALOGICA
45 IF(CACL2*F(12)-MGCL2)46,46,60
46 TACH=CACL2*F(13)+.005
MGCLR=MGCL2-F(12)*CACL2
IF(MGCLR-F(15)*KCL)50,50,55
50 CARN=F(17)*MGCLR+.005
KCLR=KCL-MGCLR/F(15)+.005
BISCH=0
CACLR=0
GOTO65
55 CARN=F(16)*KCL+.005
MGCLR=MGCLR-F(15)*KCL
BISCH=(1+F(14))*MGCLR+.005
KCLR=0
CACLR=0
GOTO65
60 TACH=MGCL2*F(18)+.005
CACLR=CACL2-MGCL2/F(12)+.005
KCLR=KCL
CARN=0
BISCH=0
65 K20=1.2051*K+.005
KCL=KCL+.005
MGCL2=MGCL2+.005
CACL2=CACL2+.005
RI=RI+.005
IF(UMID)651,653,651
651 UMID=UMID+.005
WRITE(5,66)ORD,KCL,MGCL2,CACL2,MGS04,NAS04,K2S04,CAS04,RI,UMID,NAC
IL,CARN,KCLR,TACH,BISCH,K20,CACLR
66 FORMAT(1X,I3,F6.2,2X,F5.2,3(3X,F5.2),4X,F5.2,3X,F5.2,2(1X,F5.2),4(
12X,F5.2),3X,F5.2,1X,F5.2,3X,F5.2)
GOTO2
653 UMID=24640
WRITE(5,67)ORD,KCL,MGCL2,CACL2,MGS04,NAS04,K2S04,CAS04,RI,UMID,NAC

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1L,CARN,KCLR,TACH,BISCH,K20,CACLR
67 FORMAT(1X,I3,F6.2,2X,F5.2,3(3X,F5.2),4X,F5.2,3X,F5.2,1X,F5.2,3X,A1
1,2X,4(2X,F5.2),3X,F5.2,1X,F5.2,3X,F5.2)
GOTO2
68 CALL EXIT
END
```

FEATURES SUPPORTED
ONE WORD INTEGERS
IOCS

CORE REQUIREMENTS FOR
COMMON 0 VARIABLES 94 PROGRAM 1042

END OF COMPILATION

// XEQ

FATORES

F 1=2.3967 F 2=0.2532 F 3=2.9159 F 4=0.9069 F 5=3.9494 F 6=0.8141 F 7=1.6478 F 8=1.2307 F 9=0.4791

F10=0.4172 F11=1.7750 F12=1.7174 F13=4.6632 F14=1.1330 F15=1.2794 F16=3.7289 F17=2.9146 F18=2.7152

POCO PKC- 1-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
71	0.02	0.01	0.61	0.00	0.00	0.00	9.86	89.10	0.05	0.15	0.00	0.01	0.02	0.00	0.01	0.60
72	0.07	0.04	0.43	0.00	0.00	0.00	8.49	87.63	2.00	1.04	0.00	0.07	0.10	0.00	0.05	0.41
73	0.04	0.03	0.47	0.00	0.00	0.00	10.92	88.09	0.11	0.25	0.00	0.03	0.07	0.00	0.02	0.46
74	0.00	0.00	0.00	0.13	0.19	0.14	2.82	89.00	5.51	2.42	0.00	0.00	0.00	0.00	0.07	0.00
75	0.03	0.02	0.44	0.00	0.00	0.00	12.19	86.65	0.27	0.30	0.00	0.03	0.05	0.00	0.02	0.43
76	0.09	0.09	0.07	0.00	0.00	0.00	2.64	90.46	5.24	2.03	0.00	0.08	0.26	0.00	0.05	0.01
77	0.05	0.04	0.25	0.00	0.00	0.00	8.83	86.24	2.31	2.03	0.00	0.04	0.12	0.00	0.03	0.23
78	0.04	0.03	0.83	0.00	0.00	0.00	8.51	88.73	0.90	0.64	0.00	0.03	0.08	0.00	0.02	0.81
79	0.02	0.04	0.70	0.00	0.00	0.00	7.55	89.61	0.63	0.80	0.00	0.02	0.10	0.00	0.02	0.68
80	0.03	0.02	0.00	0.01	0.00	0.00	16.59	60.21	0.28	22.77	0.00	0.03	0.00	0.00	0.02	0.00
81	0.00	0.00	0.00	0.06	0.85	0.04	5.85	4.68	0.17	87.49	0.00	0.00	0.00	0.00	0.02	0.00
82	0.00	0.00	0.00	0.08	0.10	0.07	3.47	5.63	0.56	90.85	0.00	0.00	0.00	0.00	0.04	0.00
83	0.06	0.09	0.65	0.00	0.00	0.00	1.25	8.49	1.09	87.38	0.00	0.05	0.24	0.00	0.04	0.59
84	0.17	0.02	0.00	0.01	0.00	0.00	0.95	8.40	0.72	83.08	0.00	0.17	0.00	0.00	0.11	0.00
1	0.10	0.06	0.08	0.00	0.00	0.00	0.73	2.52	0.16	96.58	0.00	0.09	0.15	0.00	0.06	0.04
2	0.12	0.08	0.17	0.00	0.00	0.00	0.49	1.48	0.28	96.53	0.00	0.12	0.21	0.00	0.08	0.13
3	29.22	0.04	0.00	0.01	0.00	0.00	0.16	0.24	0.10	68.81	0.00	29.22	0.00	0.00	18.46	0.00
4	0.39	0.05	0.00	0.03	0.00	0.00	1.05	2.34	0.31	95.08	0.00	0.39	0.00	0.00	0.25	0.00
5	6.09	0.07	0.79	0.00	0.00	0.00	0.79	8.17	0.49	81.89	0.00	6.09	0.20	0.00	3.85	0.75
6	0.23	0.07	0.60	0.00	0.00	0.00	0.25	1.96	0.35	95.71	0.00	0.22	0.19	0.00	0.15	0.56
7	0.27	0.07	0.55	0.00	0.00	0.00	0.25	2.26	0.48	95.70	0.00	0.26	0.19	0.00	0.17	0.51
8	46.94	0.07	0.00	0.04	0.00	0.00	0.28	0.19	0.18	51.23	0.00	46.94	0.00	0.00	29.67	0.00
9	39.27	0.05	0.56	0.00	0.00	0.00	0.23	2.89	0.38	57.86	0.00	39.26	0.14	0.00	24.81	0.53
10	0.69	0.07	0.66	0.00	0.00	0.00	0.36	3.60	0.40	93.45	0.00	0.69	0.18	0.00	0.44	0.62
11	0.11	0.06	0.81	0.00	0.00	0.00	0.29	0.38	0.38	97.57	0.00	0.11	0.16	0.00	0.07	0.77
12	0.27	0.07	0.49	0.00	0.00	0.00	0.45	0.60	0.36	96.38	0.00	0.27	0.19	0.00	0.17	0.45
13	52.15	0.60	0.07	0.00	0.00	0.00	0.16	0.30	0.17	46.32	0.00	52.15	0.31	0.00	32.96	0.00
14	3.62	0.06	0.30	0.00	0.00	0.00	1.89	3.12	0.32	89.66	0.00	3.61	0.17	0.00	2.28	0.27
15	27.15	0.06	0.21	0.00	0.00	0.00	0.53	1.65	0.32	68.49	0.00	27.14	0.16	0.00	17.16	0.18
16	1.99	0.15	0.78	0.00	0.00	0.00	2.52	8.54	1.15	84.03	0.00	1.99	0.40	0.00	1.26	0.70
17	45.98	0.07	0.01	0.00	0.00	0.00	0.85	2.00	0.70	49.52	0.00	45.98	0.03	0.00	29.06	0.00
18	55.34	0.01	0.49	0.00	0.00	0.00	2.20	0.07	0.11	40.03	0.00	55.34	0.03	0.00	34.97	0.49
19	37.57	0.00	0.00	0.09	0.00	0.01	1.47	2.93	0.47	57.07	0.00	37.57	0.00	0.00	23.74	0.00
20	55.54	0.06	0.06	0.00	0.00	0.00	0.79	0.82	0.22	40.01	0.00	55.53	0.16	0.00	35.10	0.02
21	46.44	0.24	0.00	0.08	0.00	0.00	0.44	0.19	0.14	52.82	0.00	46.44	0.00	0.00	29.35	0.00
22	52.41	0.01	0.04	0.00	0.00	0.00	0.16	0.07	0.10	47.29	0.00	52.41	0.03	0.00	33.12	0.04
23	54.48	0.04	0.03	0.00	0.00	0.00	0.63	0.22	0.14	44.50	0.00	54.47	0.11	0.00	34.43	0.01
24	36.77	0.07	0.89	0.00	0.00	0.00	0.75	3.08	0.55	59.52	0.00	36.77	0.19	0.00	23.24	0.85
25	37.12	0.06	0.08	0.00	0.00	0.00	0.90	1.83	0.59	60.10	0.00	37.12	0.16	0.00	23.46	0.04
26	41.79	0.00	0.00	0.04	0.00	0.13	0.84	0.52	0.32	56.83	0.00	41.79	0.00	0.00	26.41	0.00
27	46.93	0.04	0.41	0.00	0.00	0.00	0.75	1.37	0.32	51.33	0.00	46.92	0.10	0.00	29.66	0.39
28	4.00	0.14	1.39	0.00	0.00	0.00	1.01	6.86	1.15	84.16	0.00	4.00	0.39	0.00	2.53	1.30
29	33.90	0.08	0.54	0.00	0.00	0.00	0.75	3.88	0.41	61.11	0.00	33.89	0.22	0.00	21.42	0.49
30	46.36	0.04	0.25	0.00	0.00	0.00	0.33	0.33	0.11	54.42	0.00	46.36	0.10	0.00	29.30	0.23
31	52.08	0.05	0.02	0.00	0.00	0.00	0.74	1.00	0.46	46.48	0.00	52.08	0.07	0.00	32.92	0.00
32	49.54	0.02	0.02	0.00	0.00	0.00	0.08	0.13	0.07	52.20	0.00	49.53	0.05	0.00	31.30	0.01
33	44.86	0.05	0.15	0.00	0.00	0.00	0.48	0.84	0.18	53.72	0.00	44.85	0.15	0.00	28.35	0.12
34	52.77	0.00	0.00	0.06	0.00	0.02	0.19	0.22	0.27	47.85	0.00	52.77	0.00	0.00	33.35	0.00
35	44.40	0.04	0.12	0.00	0.00	0.00	0.46	0.34	0.08	54.37	0.00	44.40	0.11	0.00	28.06	0.09
36	38.41	0.00	0.00	0.04	0.00	0.12	0.54	0.19	0.08	60.84	0.00	38.41	0.00	0.00	24.27	0.00
37	45.92	0.07	0.14	0.00	0.00	0.00	0.49	1.36	0.21	50.44	0.00	45.91	0.19	0.00	29.02	0.10
38	47.39	0.00	0.00	0.05	0.00	0.06	0.90	1.08	0.19	50.07	0.00	47.39	0.00	0.00	29.95	0.00

129	13.53	18.98	0.33	0.00	0.00	0.00	1.67	0.65	-	41.89	50.46	0.00	1.55	0.00	8.55	0.00
130	9.36	12.41	1.08	0.00	0.00	0.00	1.45	1.07	-	57.97	29.15	1.54	5.04	0.00	5.91	0.00
131	4.53	5.67	0.57	0.00	0.00	0.00	2.75	1.02	-	76.69	11.66	1.40	2.65	0.00	2.86	0.00
132	11.98	16.55	0.54	0.00	0.00	0.00	1.22	0.49	-	49.57	43.72	0.25	2.50	0.00	7.57	0.00
133	0.73	0.79	0.00	0.01	0.00	0.00	5.83	2.31	-	86.46	0.00	0.73	0.00	0.00	0.46	0.00
134	10.36	13.69	0.15	0.00	0.00	0.00	2.89	0.84	-	55.20	37.89	0.20	0.71	0.00	6.55	0.00
135	14.52	19.36	0.12	0.00	0.00	0.00	2.08	0.64	-	40.20	54.15	0.00	0.56	0.00	9.18	0.00
136	1.74	2.20	1.21	0.00	0.00	0.00	5.85	3.09	-	81.87	0.00	1.74	5.65	0.00	1.10	0.00
137	0.03	0.00	0.00	0.10	0.00	0.06	0.60	0.48	-	96.53	0.00	0.03	0.00	0.00	0.02	0.00
138	0.00	0.00	0.00	0.16	0.91	0.13	4.60	1.24	-	92.54	0.00	0.00	0.00	0.00	0.07	0.00
139	0.06	0.06	0.14	0.00	0.00	0.00	0.36	0.59	-	96.77	0.00	0.06	0.17	0.00	0.04	0.11
140	0.05	0.04	0.00	0.00	0.00	0.00	0.63	0.54	-	98.34	0.00	0.05	0.00	0.00	0.03	0.00
141	0.05	0.05	0.07	0.00	0.00	0.00	0.31	0.70	-	96.71	0.00	0.05	0.15	0.00	0.03	0.04
142	0.05	0.06	0.17	0.00	0.00	0.00	0.23	1.34	-	98.02	0.00	0.05	0.17	0.00	0.03	0.14
143	0.04	0.07	0.21	0.00	0.00	0.00	0.01	1.45	-	96.03	0.00	0.04	0.18	0.00	0.03	0.17
144	0.17	0.30	0.99	0.00	0.00	0.00	4.72	33.84	-	57.12	0.00	0.16	0.83	0.00	0.11	0.81
145	5.86	6.56	1.38	0.00	0.00	0.00	1.35	4.27	-	69.62	11.66	2.73	6.44	0.00	3.70	0.00
146	8.74	10.58	1.29	0.00	0.00	0.00	1.17	4.22	-	60.22	23.32	2.48	6.03	0.00	5.52	0.00
147	11.79	15.23	0.47	0.00	0.00	0.00	1.20	2.53	-	47.85	40.80	0.85	2.19	0.00	7.45	0.00
148	10.25	13.13	1.03	0.00	0.00	0.00	1.04	2.05	-	58.10	32.06	1.65	4.80	0.00	6.48	0.00
149	5.05	5.81	0.00	0.14	0.00	0.00	3.46	1.99	-	76.18	14.57	1.14	0.00	0.00	3.19	0.00
150	14.11	21.05	0.48	0.00	0.00	0.00	1.35	1.03	-	38.11	52.63	0.00	2.23	2.13	8.92	0.00
151	8.47	9.21	0.08	0.00	0.00	0.00	3.64	1.89	-	65.72	26.23	1.44	0.37	0.00	5.35	0.00
152	9.55	10.98	0.00	0.13	0.00	0.00	4.63	2.04	-	60.33	29.15	1.73	0.00	0.00	6.03	0.00
153	9.54	10.66	2.57	0.00	0.00	0.00	5.76	4.21	-	51.26	17.49	4.85	12.00	0.00	6.03	0.00
154	20.97	26.55	0.42	0.00	0.00	0.00	2.71	1.41	-	17.60	72.87	1.43	1.96	0.00	13.26	0.00
155	21.12	26.50	0.35	0.00	0.00	0.00	3.68	2.57	-	16.01	72.87	1.58	1.63	0.00	13.35	0.00
156	0.22	0.00	0.00	0.26	0.00	0.07	11.68	22.16	1.61	64.38	0.00	0.22	0.00	0.00	0.14	0.00
157	1.31	0.37	0.39	0.00	0.00	0.00	7.02	75.07	7.53	8.79	0.00	1.30	0.99	0.00	0.83	0.18
158	2.47	0.97	1.25	0.00	0.00	0.00	9.16	30.27	-	50.25	0.00	2.47	2.62	0.00	1.56	0.68
158	10.49	3.72	0.17	0.00	0.00	0.00	10.49	16.00	-	53.36	8.74	8.14	0.82	0.00	6.63	0.00
159	0.08	0.00	0.00	0.43	0.00	0.32	7.41	66.45	5.15	19.32	0.00	0.08	0.00	0.00	0.05	0.00
160	0.09	0.09	0.35	0.00	0.00	0.00	7.29	19.47	0.77	71.33	0.00	0.08	0.25	0.00	0.05	0.30
161	0.26	0.26	1.30	0.00	0.00	0.00	2.15	83.52	5.12	6.88	0.00	0.25	0.70	0.00	0.16	1.15
162	0.34	0.37	2.31	0.00	0.00	0.00	1.22	87.49	4.65	1.23	0.00	0.33	1.01	0.00	0.21	2.10
163	0.31	0.39	1.63	0.00	0.00	0.00	3.40	82.54	4.69	6.82	0.00	0.31	1.05	0.00	0.20	1.40
164	0.51	0.52	1.58	0.00	0.00	0.00	8.82	80.27	4.98	1.67	0.00	0.51	1.40	0.00	0.33	1.28
165	0.30	0.28	1.52	0.00	0.00	0.00	3.34	70.11	7.34	17.10	0.00	0.29	0.76	0.00	0.19	1.36
166	0.13	0.15	0.64	0.00	0.00	0.00	7.17	19.48	0.27	71.40	0.00	0.12	0.42	0.00	0.08	0.55
167	0.28	0.37	1.69	0.00	0.00	0.00	4.71	59.05	3.97	29.22	0.00	0.27	0.99	0.00	0.17	1.47
168	0.15	0.17	0.26	0.00	0.00	0.00	9.55	18.58	1.07	70.79	0.00	0.15	0.46	0.00	0.10	0.16
169	0.04	0.33	0.62	0.00	0.00	0.00	2.74	2.48	0.07	94.57	0.00	0.03	0.90	0.00	0.02	0.43
170	0.00	0.00	0.00	0.42	1.00	0.04	0.23	1.90	0.01	96.54	0.00	0.00	0.00	0.00	0.02	0.00
171	0.00	0.00	0.00	0.07	0.36	0.03	0.10	1.46	0.09	98.48	0.00	0.00	0.00	0.00	0.01	0.00
172	0.00	0.00	0.00	0.04	0.98	0.02	0.16	1.12	0.05	96.96	0.00	0.00	0.00	0.00	0.01	0.00
173	0.00	0.00	0.00	0.03	1.53	0.02	0.15	1.36	0.11	96.82	0.00	0.00	0.00	0.00	0.01	0.00
174	0.09	0.08	0.00	0.13	0.00	0.00	6.84	87.34	1.57	3.79	0.00	0.09	0.00	0.00	0.06	0.00
175	0.09	0.10	0.49	0.00	0.00	0.00	0.33	95.56	2.02	2.13	0.00	0.08	0.27	0.00	0.06	0.43
176	0.07	0.04	0.30	0.00	0.00	0.00	0.17	94.80	3.23	1.75	0.00	0.07	0.11	0.00	0.05	0.27
177	0.08	0.03	0.36	0.00	0.00	0.00	0.04	95.82	2.46	1.66	0.00	0.08	0.09	0.00	0.05	0.34
178	0.07	0.04	0.31	0.00	0.00	0.00	0.04	95.71	2.43	1.74	0.00	0.06	0.11	0.00	0.04	0.29
179	0.09	0.05	0.36	0.00	0.00	0.00	0.05	95.59	2.58	2.12	0.00	0.08	0.12	0.00	0.06	0.33
180	0.07	0.07	0.32	0.00	0.00	0.00	0.03	95.56	2.47	1.68	0.00	0.06	0.19	0.00	0.04	0.28

POCO PKC- 2-SE

NUM	KCL	MGCL2	CACL2	MGSO4	NA2SO4	K2SO4	CASO4	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K2O	CACL2 SOBRA
1	0.05	0.03	0.08	0.00	0.00	0.00	0.01	0.46	0.22	98.88	0.00	0.05	0.07	0.00	0.03	0.07
2	0.07	0.07	0.32	0.00	0.00	0.00	0.01	6.93	0.38	91.68	0.00	0.07	0.19	0.00	0.05	0.27
3	0.06	0.03	0.80	0.00	0.00	0.00	0.01	0.89	0.11	97.44	0.00	0.06	0.07	0.00	0.04	0.79
4	0.06	0.03	0.82	0.00	0.00	0.00	0.04	0.97	0.17	97.90	0.00	0.06	0.09	0.00	0.04	0.80
5	0.07	0.06	0.37	0.00	0.00	0.00	0.06	0.77	0.18	97.67	0.00	0.07	0.16	0.00	0.05	0.33
6	0.00	0.00	0.00	0.27	0.62	0.15	3.37	9.04	0.72	85.59	0.00	0.00	0.00	0.00	0.08	0.00
7	0.17	0.15	0.17	0.00	0.00	0.00	3.12	6.05	0.53	89.77	0.00	0.17	0.41	0.00	0.11	0.08
8	0.00	0.00	0.00	0.18	0.08	0.18	2.73	3.67	0.36	93.59	0.00	0.00	0.00	0.00	0.10	0.00
9	0.10	0.00	0.00	0.15	0.00	0.05	2.94	4.11	0.26	92.57	0.00	0.10	0.00	0.00	0.06	0.00
10	9.66	0.35	0.09	0.00	0.00	0.00	2.43	5.06	0.67	82.24	0.00	9.66	0.44	0.00	6.10	0.00
11	15.16	0.15	0.00	0.08	0.00	0.00	3.26	4.72	0.47	75.78	0.00	15.16	0.00	0.00	9.58	0.00
12	41.40	0.10	0.25	0.00	0.00	0.00	1.88	2.11	0.21	54.65	0.00	41.39	0.27	0.00	26.16	0.19
13	18.84	0.19	0.71	0.00	0.00	0.00	2.40	3.81	0.61	71.17	0.00	18.84	0.52	0.00	11.91	0.60
14	21.86	0.08	0.00	0.14	0.00	0.00	3.05	2.31	0.60	72.43	0.00	21.86	0.00	0.00	13.81	0.00
15	27.68	0.00	0.00	0.25	0.00	0.02	3.92	4.14	0.55	63.37	0.00	27.68	0.00	0.00	17.49	0.00
16	37.34	0.10	0.12	0.00	0.00	0.00	2.64	2.31	0.29	55.66	0.00	37.33	0.26	0.00	23.60	0.06
17	23.35	0.07	0.41	0.00	0.00	0.00	2.42	2.42	0.17	71.31	0.00	23.34	0.19	0.00	14.75	0.37
18	29.22	0.00	0.00	0.08	0.00	0.97	2.80	2.04	0.18	65.51	0.00	29.22	0.00	0.00	18.47	0.00
19	13.02	0.69	0.47	0.00	0.00	0.00	5.11	3.88	0.35	78.29	0.00	13.01	1.86	0.00	8.23	0.07
20	26.57	0.00	0.00	0.07	0.00	0.05	2.34	1.47	0.17	69.16	0.00	26.57	0.00	0.00	16.79	0.00
21	36.03	0.06	0.30	0.00	0.00	0.00	2.45	1.80	0.16	58.47	0.00	36.03	0.17	0.00	22.77	0.26
22	15.63	0.00	0.00	0.07	0.00	0.76	3.80	2.27	0.32	79.57	0.00	15.63	0.00	0.00	9.88	0.00
23	0.83	0.00	0.00	0.08	0.00	3.30	3.32	2.33	1.46	89.64	0.00	0.83	0.00	0.00	0.52	0.00
24	35.99	0.00	0.00	0.39	0.00	0.55	2.47	1.48	0.57	58.66	0.00	35.99	0.00	0.00	22.74	0.00
25	4.01	2.07	0.00	0.14	0.00	0.00	4.05	2.20	-	82.68	5.83	2.44	0.00	0.00	2.53	0.00
26	2.47	0.00	0.00	1.79	0.00	0.13	3.54	1.92	-	85.68	0.00	2.47	0.00	0.00	1.56	0.00
27	5.84	4.39	0.00	1.60	0.00	0.00	3.55	2.00	-	73.26	11.66	2.72	0.00	0.00	3.69	0.00
28	13.59	6.55	0.00	0.09	0.00	0.00	3.92	2.27	-	57.10	17.49	8.90	0.00	0.00	8.59	0.00
29	4.12	0.56	0.00	2.95	0.00	0.00	3.62	1.97	-	83.35	0.00	4.12	0.00	0.00	2.61	0.00
30	11.00	9.50	0.00	0.00	0.00	0.00	3.61	1.77	-	60.05	26.23	3.97	0.00	0.00	6.95	0.00
31	4.42	3.44	0.12	0.00	0.00	0.00	3.94	2.29	-	79.50	8.74	2.07	0.58	0.00	2.79	0.00
32	0.15	0.09	1.75	0.00	0.00	0.00	3.56	2.59	0.21	90.65	0.00	0.15	0.23	0.00	0.10	1.70
33	0.10	0.81	1.43	0.00	0.00	0.00	4.49	2.78	0.07	91.35	0.00	0.09	2.21	0.00	0.06	0.96
34	0.17	0.12	3.31	0.00	0.00	0.00	4.39	4.49	0.13	88.65	0.00	0.17	0.31	0.00	0.11	3.24
35	0.17	0.20	3.54	0.00	0.00	0.00	7.61	14.40	0.89	73.05	0.00	0.17	0.54	0.00	0.11	3.42
36	0.20	0.31	2.72	0.00	0.00	0.00	6.44	5.66	1.14	83.70	0.00	0.19	0.85	0.00	0.13	2.53
37	0.18	0.23	3.71	0.00	0.00	0.00	5.81	5.76	0.87	81.53	0.00	0.18	0.62	0.00	0.12	3.58
38	0.00	0.00	0.00	0.11	0.30	0.17	2.88	0.96	0.48	96.35	0.00	0.00	0.00	0.00	0.09	0.00

POCO PKC- 5-SE

NUM	KCL	MGCL2	CACL2	MGSO4	NA2SO4	K2SO4	CASO4	RI	UMID	NACL	CARN	SILV	TACH	BISCH	,K2O	CACL2 SOBRA
1	0.62	0.21	1.10	0.00	0.00	0.00	1.25	1.71	0.31	95.58	0.00	0.61	0.57	0.00	0.39	0.98
2	35.73	0.17	0.76	0.00	0.00	0.00	0.82	1.63	0.17	58.80	0.00	35.72	0.45	0.00	22.58	0.67
3	4.25	4.32	0.70	0.00	0.00	0.00	0.83	1.51	-	78.52	8.74	1.91	3.26	0.00	2.69	0.00
4	16.17	22.46	0.12	0.00	0.00	0.00	0.16	0.24	-	33.66	60.30	0.00	0.56	2.13	10.22	0.00
5	2.58	28.16	14.81	0.00	0.00	0.00	0.83	0.48	-	14.29	5.83	1.02	69.05	0.00	1.63	0.00
6	13.20	24.87	4.89	0.00	0.00	0.00	0.78	0.94	-	20.58	46.63	0.70	22.80	0.00	8.34	0.00
7	14.43	20.56	0.52	0.00	0.00	0.00	1.08	1.34	-	37.60	53.82	0.00	2.45	0.00	9.12	0.00

POCO PKC- 6-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
53	0.00	0.00	0.00	0.06	0.30	0.06	1.86	2.59	0.32	93.82	0.00	0.00	0.00	0.00	0.03	0.00
54	0.02	0.01	0.00	0.02	0.00	0.00	0.55	0.72	0.06	97.55	0.00	0.02	0.00	0.00	0.02	0.00
55	0.16	0.20	0.26	0.00	0.00	0.00	5.76	75.99	5.75	11.53	0.00	0.15	0.53	0.00	0.10	0.15
56	0.13	0.14	0.05	0.00	0.00	0.00	3.48	41.82	2.83	50.38	0.00	0.13	0.24	0.00	0.08	0.00
57	0.05	0.06	0.82	0.00	0.00	0.00	10.99	86.02	0.87	0.59	0.00	0.04	0.16	0.00	0.03	0.79
58	0.16	0.23	0.89	0.00	0.00	0.00	4.35	88.10	4.93	1.18	0.00	0.15	0.61	0.00	0.10	0.75
59	0.13	0.26	1.32	0.00	0.00	0.00	0.22	91.00	6.34	1.39	0.00	0.12	0.70	0.00	0.08	1.17
60	0.08	0.14	0.66	0.00	0.00	0.00	9.36	85.84	2.10	1.46	0.00	0.08	0.37	0.00	0.05	0.58
61	0.05	0.13	0.83	0.00	0.00	0.00	8.70	87.96	1.52	0.51	0.00	0.04	0.35	0.00	0.03	0.75
62	0.06	0.11	1.00	0.00	0.00	0.00	10.87	85.68	1.27	0.37	0.00	0.06	0.30	0.00	0.04	0.94
63	0.03	0.04	0.00	0.00	0.00	0.00	1.42	0.89	0.20	97.02	0.00	0.03	0.01	0.00	0.02	0.00
64	0.04	0.04	0.26	0.00	0.00	0.00	0.52	0.32	0.21	97.65	0.00	0.03	0.10	0.00	0.02	0.23
65	0.02	0.00	0.00	0.04	0.00	0.01	1.86	1.67	0.25	95.47	0.00	0.02	0.00	0.00	0.01	0.00
66	0.00	0.00	0.00	0.06	0.94	0.07	3.19	3.69	0.33	90.86	0.00	0.00	0.00	0.00	0.04	0.00
67	0.00	0.00	0.00	0.23	0.10	0.26	3.15	10.05	1.40	84.35	0.00	0.00	0.00	0.00	0.14	0.00
68	0.06	0.06	0.34	0.00	0.00	0.00	1.15	5.94	0.50	92.70	0.00	0.06	0.17	0.00	0.04	0.30
69	0.07	0.04	0.49	0.00	0.00	0.00	0.31	6.09	0.15	92.01	0.00	0.06	0.10	0.00	0.04	0.46
1	0.11	0.72	0.24	0.00	0.00	0.00	0.97	3.89	0.42	93.74	0.00	0.11	1.11	0.00	0.07	0.00
2	0.07	0.32	0.00	0.21	0.00	0.00	1.35	0.12	0.36	96.05	0.00	0.07	0.00	0.00	0.05	0.00
3	0.08	0.00	0.00	0.65	0.00	0.05	1.57	1.73	0.34	95.07	0.00	0.08	0.00	0.00	0.05	0.00
4	7.66	0.09	0.05	0.00	0.00	0.00	1.60	6.54	0.50	82.27	0.00	7.66	0.22	0.00	4.84	0.00
5	0.00	0.00	0.00	0.04	0.83	0.09	2.12	0.86	0.12	95.40	0.00	0.00	0.00	0.00	0.05	0.00
6	0.00	0.00	0.00	0.06	0.94	0.05	5.02	0.24	0.03	92.99	0.00	0.00	0.00	0.00	0.03	0.00
7	0.00	0.00	0.00	0.07	0.27	0.17	1.99	0.83	0.16	96.81	0.00	0.00	0.00	0.00	0.09	0.00
8	21.86	0.01	0.00	0.09	0.00	0.00	1.27	2.95	0.38	73.38	0.00	21.86	0.00	0.00	13.82	0.00
9	0.10	0.00	0.00	0.08	0.00	0.11	1.70	1.60	0.25	95.38	0.00	0.10	0.00	0.00	0.06	0.00
10	18.21	0.11	0.28	0.00	0.00	0.00	1.24	3.91	0.60	74.62	0.00	18.21	0.30	0.00	11.51	0.22
11	0.22	0.07	0.08	0.00	0.00	0.00	1.35	1.14	0.30	95.28	0.00	0.22	0.18	0.00	0.14	0.04
12	31.51	0.14	0.26	0.00	0.00	0.00	0.93	3.01	0.78	61.40	0.00	31.50	0.37	0.00	19.91	0.18
13	44.78	0.07	0.07	0.00	0.00	0.00	0.42	0.74	0.31	51.67	0.00	44.77	0.18	0.00	28.30	0.03
14	4.13	0.20	1.15	0.00	0.00	0.00	1.46	6.77	1.79	84.75	0.00	4.13	0.54	0.00	2.61	1.03
15	39.50	0.08	0.22	0.00	0.00	0.00	0.35	1.39	0.25	57.37	0.00	39.50	0.22	0.00	24.96	0.18
16	0.16	0.04	0.35	0.00	0.00	0.00	0.49	0.77	0.14	96.19	0.00	0.15	0.10	0.00	0.10	0.33
17	0.09	0.03	0.20	0.00	0.00	0.00	0.83	0.28	0.06	98.02	0.00	0.08	0.08	0.00	0.06	0.19
18	0.00	0.00	0.00	0.03	0.03	0.09	1.01	0.23	0.02	96.02	0.00	0.00	0.00	0.00	0.05	0.00
19	0.32	0.02	0.14	0.00	0.00	0.00	1.14	0.55	0.06	96.80	0.00	0.31	0.06	0.00	0.20	0.13
20	8.22	0.09	0.38	0.00	0.00	0.00	0.77	1.55	0.21	87.59	0.00	8.21	0.23	0.00	5.19	0.33
21	35.52	0.07	0.43	0.00	0.00	0.00	0.49	1.43	0.22	62.76	0.00	35.52	0.19	0.00	22.45	0.39
22	34.56	0.11	0.78	0.00	0.00	0.00	1.31	3.45	0.40	57.90	0.00	34.56	0.30	0.00	21.84	0.72
23	41.43	0.10	0.27	0.00	0.00	0.00	0.62	1.57	0.33	55.56	0.00	41.43	0.26	0.00	26.18	0.21
24	48.05	0.06	0.03	0.00	0.00	0.00	0.39	0.60	0.19	50.91	0.00	48.05	0.16	0.00	30.36	0.00
25	40.96	0.09	0.08	0.00	0.00	0.00	1.13	1.68	0.43	56.03	0.00	40.95	0.23	0.00	25.88	0.03
26	43.70	0.04	0.01	0.00	0.00	0.00	0.46	0.43	0.40	57.15	0.00	43.70	0.04	0.00	27.62	0.00
27	4.76	0.00	0.00	0.15	0.00	0.23	3.12	5.79	1.23	84.21	0.00	4.76	0.00	0.00	3.01	0.00
28	37.65	0.06	0.01	0.00	0.00	0.00	1.34	1.94	0.43	59.47	0.00	37.65	0.04	0.00	23.80	0.00
29	17.49	0.09	0.00	0.02	0.00	0.00	2.71	4.61	0.84	74.57	0.00	17.49	0.00	0.00	11.05	0.00
30	47.00	0.03	0.05	0.00	0.00	0.00	0.44	0.33	0.14	52.07	0.00	47.00	0.09	0.00	29.70	0.03
31	26.55	0.00	0.00	0.02	0.00	0.06	0.30	0.15	0.24	72.87	0.00	26.55	0.00	0.00	16.78	0.00
32	41.74	0.01	0.00	0.02	0.00	0.00	0.34	0.17	0.11	56.88	0.00	41.74	0.00	0.00	26.38	0.00
33	25.55	0.07	0.00	0.27	0.00	0.00	0.37	0.16	0.07	74.61	0.00	25.55	0.00	0.00	16.14	0.00
34	42.34	0.15	0.07	0.00	0.00	0.00	1.21	1.48	0.96	53.12	0.00	42.34	0.34	0.00	26.76	0.00
35	49.93	0.00	0.00	0.06	0.00	0.21	0.33	0.27	0.11	47.14	0.00	49.93	0.00	0.00	31.55	0.00
36	45.99	0.01	0.00	0.03	0.00	0.00	0.36	0.18	0.04	52.94	0.00	45.99	0.00	0.00	29.06	0.00
37	46.22	0.03	0.01	0.00	0.00	0.00	0.26	0.25	0.06	52.78	0.00	46.22	0.07	0.00	29.21	0.00
38	35.95	0.00	0.00	0.10	0.00	0.02	1.71	1.65	0.31	58.90	0.00	35.95	0.00	0.00	22.72	0.00

118	0.04	0.79	0.00	0.39	0.00	0.00	1.05	0.27	0.33	96.37	0.00	0.04	0.00	0.00	0.02	0.00
119	0.03	0.40	0.07	0.00	0.00	0.00	0.03	0.21	0.01	98.17	0.00	0.03	0.31	0.00	0.02	0.00
120	0.03	0.40	0.06	0.00	0.00	0.00	0.17	0.19	0.03	97.32	0.00	0.03	0.26	0.00	0.02	0.00
121	0.24	0.46	0.00	0.07	0.00	0.00	0.69	0.22	0.00	97.27	0.00	0.24	0.00	0.00	0.15	0.00
122	0.23	0.09	0.00	0.00	0.00	0.00	3.38	1.84	0.15	92.71	0.00	0.23	0.01	0.00	0.14	0.00
123	0.02	0.85	0.28	0.00	0.00	0.00	1.17	0.80	0.25	95.56	0.00	0.02	1.29	0.00	0.02	0.00
124	0.03	0.45	0.53	0.00	0.00	0.00	1.77	2.65	0.02	93.18	0.00	0.02	1.21	0.00	0.02	0.27
125	0.04	0.05	1.73	0.00	0.00	0.00	4.13	3.40	0.12	88.75	0.00	0.03	0.14	0.00	0.02	1.70
126	0.25	0.03	0.00	0.68	0.00	0.00	3.68	1.73	0.13	92.24	0.00	0.25	0.00	0.00	0.16	0.00
127	0.44	0.09	0.67	0.00	0.00	0.00	3.40	8.98	1.70	83.63	0.00	0.43	0.25	0.00	0.28	0.61
128	0.00	0.00	0.00	0.68	0.11	0.30	0.01	0.96	0.19	96.32	0.00	0.00	0.00	0.00	0.16	0.00
129	0.23	0.32	0.00	0.09	0.00	0.00	3.00	0.64	0.12	94.02	0.00	0.23	0.00	0.00	0.15	0.00
130	0.00	0.00	0.00	0.43	0.77	0.02	2.13	0.63	0.06	95.18	0.00	0.00	0.00	0.00	0.01	0.00
131	0.01	0.35	0.13	0.00	0.00	0.00	0.26	0.19	0.05	97.84	0.00	0.01	0.59	0.00	0.01	0.00
132	0.01	0.23	0.00	0.00	0.00	0.00	0.19	0.09	0.85	97.73	0.00	0.01	0.00	0.00	0.01	0.00
133	0.01	0.27	0.07	0.00	0.00	0.00	0.01	0.12	0.06	97.92	0.00	0.01	0.35	0.00	0.01	0.00
134	0.00	0.00	0.00	1.32	0.46	0.05	10.81	56.23	0.61	29.98	0.00	0.00	0.00	0.00	0.03	0.00
135	0.02	0.25	0.33	0.00	0.00	0.00	1.64	1.27	0.05	94.38	0.00	0.01	0.67	0.00	0.01	0.19
136	0.02	0.22	0.01	0.00	0.00	0.00	3.36	0.79	0.07	94.06	0.00	0.02	0.06	0.00	0.01	0.00
137	0.00	0.00	0.00	0.37	0.10	0.00	3.10	0.88	0.11	93.96	0.00	0.00	0.00	0.00	0.00	0.00
138	0.02	0.24	0.00	0.08	0.00	0.00	1.35	0.31	0.11	96.27	0.00	0.02	0.00	0.00	0.01	0.00
139	0.02	0.30	0.19	0.00	0.00	0.00	0.54	0.29	0.21	96.51	0.00	0.01	0.82	0.00	0.01	0.01
140	0.00	0.00	0.00	0.03	0.08	0.02	0.29	0.25	0.09	97.89	0.00	0.00	0.00	0.00	0.01	0.00
141	0.01	0.18	0.00	0.05	0.00	0.00	0.57	0.40	0.09	97.77	0.00	0.01	0.00	0.00	0.01	0.00
142	0.09	0.23	0.80	0.00	0.00	0.00	7.16	87.27	1.22	2.85	0.00	0.09	0.63	0.00	0.06	0.66

POCO PKC- 7-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
104	0.00	0.00	0.00	0.03	0.05	0.01	3.15	0.88	0.02	94.93	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.09	0.27	0.02	3.24	1.62	0.10	93.63	0.00	0.00	0.00	0.00	0.01	0.00
106	0.07	0.12	0.05	0.00	0.00	0.00	3.09	7.03	0.71	87.11	0.00	0.07	0.23	0.00	0.05	0.00
107	0.07	0.11	0.25	0.00	0.00	0.00	1.65	5.14	0.41	92.22	0.00	0.07	0.29	0.00	0.05	0.19
108	0.00	0.00	0.00	0.09	0.36	0.14	0.70	6.92	0.21	91.87	0.00	0.00	0.00	0.00	0.07	0.00
1	0.00	0.00	0.00	0.07	0.15	0.21	0.76	3.37	0.30	93.64	0.00	0.00	0.00	0.00	0.11	0.00
2	0.21	0.07	0.85	0.00	0.00	0.00	0.15	1.40	0.27	97.20	0.00	0.20	0.18	0.00	0.13	0.81
3	0.00	0.00	0.00	0.07	0.10	0.35	0.80	1.82	0.17	94.34	0.00	0.00	0.00	0.00	0.19	0.00
4	56.94	0.00	0.00	0.05	0.00	0.42	0.77	0.52	0.09	40.20	0.00	56.94	0.00	0.00	35.98	0.00
5	40.45	0.04	0.84	0.00	0.00	0.00	0.17	0.56	0.16	57.07	0.00	40.44	0.11	0.00	25.56	0.82
6	4.24	0.00	0.00	0.07	0.00	0.08	0.60	2.75	0.28	89.22	0.00	4.24	0.00	0.00	2.68	0.00
7	48.71	0.04	0.00	0.00	0.00	0.00	0.26	0.29	0.22	48.77	0.00	48.71	0.01	0.00	30.78	0.00
8	28.60	0.00	0.00	0.08	0.00	0.11	0.47	1.83	0.37	66.81	0.00	28.60	0.00	0.00	18.07	0.00
9	63.48	0.03	0.00	0.02	0.00	0.00	0.26	0.10	0.24	34.25	0.00	63.48	0.00	0.00	40.12	0.00
10	58.18	0.05	0.22	0.00	0.00	0.00	0.33	0.30	0.13	37.97	0.00	58.17	0.14	0.00	36.76	0.19
11	28.73	0.00	0.00	0.14	0.00	0.14	1.45	3.79	0.29	63.89	0.00	28.73	0.00	0.00	18.16	0.00
12	53.27	0.04	0.00	0.01	0.00	0.00	0.38	0.72	0.13	43.79	0.00	53.27	0.00	0.00	33.66	0.00
13	13.89	0.17	0.23	0.00	0.00	0.00	0.73	4.10	0.31	78.93	0.00	13.88	0.46	0.00	8.78	0.13
14	53.95	0.05	0.00	0.00	0.00	0.00	0.34	0.54	0.18	43.27	0.00	53.95	0.02	0.00	34.09	0.00
15	55.72	0.03	0.02	0.00	0.00	0.00	0.19	0.12	0.02	41.44	0.00	55.72	0.07	0.00	35.21	0.01
16	29.12	0.06	0.06	0.00	0.00	0.00	0.30	1.84	0.21	67.39	0.00	29.12	0.17	0.00	18.41	0.03
17	53.33	0.02	0.02	0.00	0.00	0.00	0.26	0.26	0.12	45.50	0.00	53.32	0.04	0.00	33.70	0.01
18	26.70	0.07	0.33	0.00	0.00	0.00	0.22	2.40	0.37	69.14	0.00	26.70	0.18	0.00	16.87	0.29
19	56.87	0.02	0.00	0.00	0.00	0.00	0.15	0.16	0.11	41.37	0.00	56.87	0.00	0.00	35.94	0.00
20	37.88	0.03	0.04	0.00	0.00	0.00	0.19	0.40	0.14	60.21	0.00	37.88	0.09	0.00	23.94	0.03
21	28.09	0.07	0.02	0.00	0.00	0.00	0.83	3.23	0.14	65.18	0.00	28.09	0.07	0.00	17.75	0.00
22	45.21	0.04	0.13	0.00	0.00	0.00	0.19	0.71	0.02	51.04	0.00	45.20	0.10	0.00	28.57	0.11
23	21.69	0.07	0.40	0.00	0.00	0.00	0.34	3.03	0.32	72.29	0.00	21.68	0.19	0.00	13.70	0.36
24	0.24	0.04	0.00	0.01	0.00	0.00	0.67	0.88	0.16	96.10	0.00	0.24	0.00	0.00	0.15	0.00
25	0.18	0.02	0.13	0.00	0.00	0.00	0.21	0.15	0.14	97.98	0.00	0.18	0.06	0.00	0.11	0.12
26	37.04	0.04	0.33	0.00	0.00	0.00	0.95	0.59	0.11	59.27	0.00	37.04	0.10	0.00	23.41	0.31
27	37.26	0.02	0.42	0.00	0.00	0.00	0.37	0.10	0.10	61.17	0.00	37.26	0.04	0.00	23.55	0.41
28	36.19	0.02	0.54	0.00	0.00	0.00	0.63	0.08	0.02	61.59	0.00	36.18	0.05	0.00	22.87	0.53
29	3.50	0.08	0.69	0.00	0.00	0.00	0.37	2.55	0.39	91.17	0.00	3.49	0.21	0.00	2.21	0.65
30	33.83	0.02	0.59	0.00	0.00	0.00	0.72	0.36	0.02	63.05	0.00	33.83	0.06	0.00	21.38	0.57
31	39.54	0.05	0.63	0.00	0.00	0.00	0.53	2.22	0.31	57.73	0.00	39.53	0.14	0.00	24.99	0.60
32	9.49	0.09	0.56	0.00	0.00	0.00	0.86	2.85	0.41	84.86	0.00	9.48	0.25	0.00	6.00	0.51
33	46.02	0.06	0.26	0.00	0.00	0.00	0.20	0.34	0.12	50.57	0.00	46.01	0.16	0.00	29.08	0.22
34	23.00	0.00	0.00	0.07	0.00	0.40	1.56	2.29	0.23	70.48	0.00	23.00	0.00	0.00	14.53	0.00
35	25.00	0.00	0.00	0.03	0.00	0.21	2.19	0.28	0.08	70.42	0.00	25.00	0.00	0.00	15.80	0.00
36	41.91	0.02	0.11	0.00	0.00	0.00	0.43	0.00	0.06	56.72	0.00	41.90	0.05	0.00	26.48	0.10
37	40.58	0.06	0.19	0.00	0.00	0.00	0.47	1.27	0.26	57.06	0.00	40.57	0.15	0.00	25.64	0.15
38	21.64	0.04	0.00	0.04	0.00	0.00	0.91	2.40	0.34	72.06	0.00	21.64	0.00	0.00	13.67	0.00
39	0.36	0.06	0.05	0.00	0.00	0.00	0.54	0.69	0.43	95.96	0.00	0.36	0.16	0.00	0.23	0.01
40	56.23	0.02	1.30	0.00	0.00	0.00	0.04	0.05	0.18	43.60	0.00	56.23	0.06	0.00	35.54	1.29
41	56.06	0.02	0.00	0.00	0.00	0.00	0.33	0.09	0.18	44.38	0.00	56.06	0.01	0.00	35.43	0.00
42	22.79	0.00	0.00	0.02	0.00	0.41	1.28	0.09	0.16	74.19	0.00	22.79	0.00	0.00	14.40	0.00
43	30.28	0.05	0.00	0.01	0.00	0.00	1.40	1.43	0.33	63.81	0.00	30.28	0.00	0.00	19.13	0.00
44	13.72	0.10	0.45	0.00	0.00	0.00	0.97	2.77	0.53	81.21	0.00	13.72	0.26	0.00	8.67	0.39
45	0.35	0.12	0.88	0.00	0.00	0.00	0.97	2.23	0.30	95.08	0.00	0.35	0.32	0.00	0.22	0.81
46	0.11	0.04	0.43	0.00	0.00	0.00	0.68	0.50	0.04	96.97	0.00	0.10	0.10	0.00	0.07	0.41
47	0.00	0.00	0.00	0.05	0.48	0.11	1.40	0.39	0.08	97.35	0.00	0.00	0.00	0.00	0.06	0.00
48	0.10	0.00	0.00	0.07	0.00	0.01	1.57	1.04	0.16	96.30	0.00	0.10	0.00	0.00	0.07	0.00
49	0.00	0.00	0.00	0.09	0.10	0.16	1.68	1.10	0.30	96.25	0.00	0.00	0.00	0.00	0.09	0.00
50	3.07	0.09	0.29	0.00	0.00	0.00	0.90	1.65	0.47	91.91	0.00	3.06	0.24	0.00	1.94	0.24

51	43.74	0.04	0.32	0.00	0.00	0.00	0.54	1.48	0.19	52.60	0.00	43.74	0.11	0.00	27.64	0.30
52	54.02	0.02	0.07	0.00	0.00	0.00	0.10	0.26	0.10	44.91	0.00	54.01	0.05	0.00	34.14	0.06
53	47.34	0.03	0.00	0.03	0.00	0.00	0.48	0.59	0.13	54.12	0.00	43.34	0.00	0.00	27.39	0.00
54	51.62	0.10	0.03	0.00	0.00	0.00	0.50	0.88	0.38	47.54	0.00	51.62	0.16	0.00	32.62	0.00
55	47.96	0.15	0.17	0.00	0.00	0.00	0.45	1.39	0.46	49.49	0.00	47.95	0.40	0.00	30.31	0.08
56	6.06	1.25	0.97	0.00	0.00	0.00	1.35	4.42	0.81	82.07	0.00	6.06	3.39	0.00	3.83	0.24
57	45.88	0.24	0.34	0.00	0.00	0.00	0.57	1.30	0.32	51.32	0.00	45.88	0.64	0.00	29.00	0.20
58	5.25	0.00	0.00	0.47	0.00	0.76	1.28	5.26	0.32	84.03	0.00	5.25	0.00	0.00	3.32	0.00
59	41.54	0.21	0.47	0.00	0.00	0.00	0.24	0.97	0.39	55.33	0.00	41.53	0.58	0.00	26.25	0.34
60	3.25	1.20	0.00	0.52	0.00	0.00	2.82	5.19	2.14	83.78	2.91	2.47	0.00	0.00	2.05	0.00
61	44.48	0.30	0.35	0.00	0.00	0.00	0.40	0.73	0.43	51.30	0.00	44.48	0.80	0.00	28.11	0.17
62	44.55	0.34	0.09	0.00	0.00	0.00	0.35	0.92	0.46	52.64	0.00	44.55	0.43	0.00	28.15	0.00
63	43.34	0.12	0.22	0.00	0.00	0.00	0.27	0.97	0.15	53.68	0.00	43.33	0.32	0.00	27.39	0.15
64	20.90	4.88	0.10	0.00	0.00	0.00	1.91	3.97	2.60	62.27	11.66	17.77	0.47	0.00	13.21	0.00
65	48.37	3.68	0.14	0.00	0.00	0.00	0.10	0.58	0.35	46.93	8.74	46.03	0.63	0.00	30.57	0.00
66	2.21	0.50	0.08	0.00	0.00	0.00	0.14	0.28	0.77	93.84	0.00	2.21	0.39	0.00	1.39	0.00
67	46.02	1.91	0.05	0.00	0.00	0.00	0.42	1.07	0.63	48.33	2.91	45.23	0.23	0.00	29.08	0.00
68	5.70	4.89	0.00	0.60	0.00	0.00	1.89	2.18	0.07	80.39	11.66	2.58	0.00	0.00	3.61	0.00
69	47.22	0.14	0.23	0.00	0.00	0.00	0.98	0.82	0.04	50.93	0.00	47.21	0.37	0.00	29.84	0.15
70	29.86	0.00	0.00	0.07	0.00	0.58	0.62	0.29	0.09	68.90	0.00	29.86	0.00	0.00	18.87	0.00
71	28.43	0.00	0.00	0.06	0.00	0.15	0.55	0.61	0.05	70.97	0.00	28.43	0.00	0.00	17.97	0.00
72	45.21	0.31	0.00	0.05	0.00	0.00	0.37	0.30	0.05	54.39	0.00	45.21	0.00	0.00	28.57	0.00
73	31.89	0.00	0.00	0.09	0.00	0.06	2.14	1.94	0.33	63.88	0.00	31.89	0.00	0.00	20.15	0.00
74	47.22	0.00	0.00	0.04	0.00	0.17	0.34	0.17	0.11	51.08	0.00	47.22	0.00	0.00	29.84	0.00
75	27.80	0.05	0.01	0.00	0.00	0.00	0.47	0.36	0.07	70.29	0.00	27.80	0.07	0.00	17.57	0.00
76	47.68	0.03	0.02	0.00	0.00	0.00	0.62	0.26	0.09	50.00	0.00	47.67	0.09	0.00	30.13	0.00
77	32.68	0.12	0.26	0.00	0.00	0.00	1.66	1.92	0.56	61.27	0.00	32.67	0.32	0.00	20.65	0.19
78	46.27	0.01	0.00	0.08	0.00	0.00	0.54	0.50	0.25	51.05	0.00	46.27	0.00	0.00	29.24	0.00
79	36.63	0.06	0.09	0.00	0.00	0.00	0.69	0.79	0.18	60.48	0.00	36.62	0.17	0.00	23.15	0.05
80	47.07	0.05	0.08	0.00	0.00	0.00	0.61	0.69	0.22	50.76	0.00	47.06	0.14	0.00	29.75	0.05
81	47.07	0.05	0.06	0.00	0.00	0.00	0.61	0.77	0.27	50.79	0.00	47.06	0.13	0.00	29.75	0.03
82	38.45	0.00	0.00	0.08	0.00	0.05	1.34	1.60	0.31	56.45	0.00	38.45	0.00	0.00	24.30	0.00
83	41.54	0.00	0.00	0.06	0.00	0.34	0.05	0.08	0.27	58.77	0.00	41.54	0.00	0.00	26.25	0.00
84	35.79	0.44	0.20	0.00	0.00	0.00	0.28	0.91	0.91	60.28	0.00	35.79	0.93	0.00	22.62	0.00
85	8.40	12.39	0.06	0.00	0.00	0.00	1.99	2.64	-	59.93	31.31	0.00	0.29	2.13	5.31	0.00
86	29.69	0.00	0.00	0.15	0.00	0.22	2.06	1.72	0.41	64.62	0.00	29.69	0.00	0.00	18.76	0.00
87	47.42	0.04	0.17	0.00	0.00	0.00	0.17	0.30	0.13	49.94	0.00	47.41	0.11	0.00	29.96	0.15
88	34.36	0.00	0.00	0.05	0.00	0.70	0.09	0.27	0.16	63.46	0.00	34.36	0.00	0.00	21.72	0.00
89	35.47	0.14	0.19	0.00	0.00	0.00	1.23	0.85	0.37	60.17	0.00	35.47	0.38	0.00	22.42	0.11
90	22.58	18.12	0.10	0.00	0.00	0.00	0.72	0.44	-	36.89	49.55	9.29	0.48	0.00	14.27	0.00
91	19.29	27.53	0.33	0.00	0.00	0.00	0.61	0.92	-	16.65	71.93	0.00	1.55	2.13	12.19	0.00
92	0.40	36.62	16.16	0.00	0.00	0.00	0.52	0.22	-	0.73	1.48	0.00	75.35	14.93	0.25	0.00
93	0.29	33.86	17.84	0.00	0.00	0.00	0.28	0.76	-	3.72	1.06	0.00	83.19	4.27	0.18	0.00
94	6.95	20.39	5.56	0.00	0.00	0.00	2.34	2.88	-	35.33	25.92	0.00	25.93	2.13	4.39	0.00
95	4.50	32.80	13.49	0.00	0.00	0.00	0.08	0.36	-	6.45	16.78	0.00	62.90	6.40	2.84	0.00
96	17.46	26.25	0.18	0.00	0.00	0.00	0.38	0.83	-	25.09	65.12	0.00	0.85	4.27	11.04	0.00
97	12.39	18.03	0.18	0.00	0.00	0.00	1.61	1.70	-	30.36	46.19	0.00	0.86	2.13	7.83	0.00
98	9.67	13.71	1.34	0.00	0.00	0.00	1.77	3.06	-	49.36	32.06	1.07	6.24	0.00	6.11	0.00
99	16.35	25.84	0.36	0.00	0.00	0.00	0.47	0.99	-	22.85	68.43	0.00	1.67	2.13	11.60	0.00
100	16.11	22.93	0.00	0.06	0.00	0.00	1.59	1.33	-	32.89	60.06	0.00	0.00	2.13	10.18	0.00
101	8.44	11.97	0.33	0.00	0.00	0.00	3.03	3.23	-	55.49	31.48	0.00	1.54	0.00	5.34	0.00
102	17.71	25.06	0.87	0.00	0.00	0.00	0.54	1.27	-	25.35	66.04	0.00	4.06	0.00	11.19	0.00
103	5.73	7.62	0.00	0.33	0.00	0.00	2.97	2.05	-	69.88	20.40	0.26	0.00	0.00	3.62	0.00

POCO PKC- 9-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
1	0.00	0.00	0.00	0.15	1.62	0.23	4.02	4.80	0.47	87.65	0.00	0.00	0.00	0.00	0.12	0.00
2	0.20	0.11	0.89	0.00	0.00	0.00	1.93	4.73	0.54	90.77	0.00	0.19	0.29	0.00	0.12	0.83
3	17.65	0.12	0.51	0.00	0.00	0.00	1.91	3.64	0.43	74.80	0.00	17.64	0.34	0.00	11.15	0.44
4	19.81	0.15	1.54	0.00	0.00	0.00	1.94	6.08	0.67	68.24	0.00	19.81	0.42	0.00	12.52	1.45
5	48.53	0.10	0.84	0.00	0.00	0.00	1.28	3.09	0.37	45.19	0.00	48.52	0.26	0.00	30.67	0.79
6	21.15	0.13	0.62	0.00	0.00	0.00	1.57	4.28	0.42	72.96	0.00	21.14	0.35	0.00	13.36	0.55
7	59.41	0.07	0.56	0.00	0.00	0.00	1.44	3.47	0.25	36.51	0.00	59.40	0.19	0.00	37.54	0.52
8	25.06	0.10	0.78	0.00	0.00	0.00	1.59	4.29	0.47	68.28	0.00	25.06	0.26	0.00	15.84	0.73
9	54.04	0.07	0.68	0.00	0.00	0.00	0.93	2.24	0.38	41.89	0.00	54.04	0.19	0.00	34.15	0.64
10	41.26	0.07	0.59	0.00	0.00	0.00	1.72	2.12	0.28	54.35	0.00	41.25	0.20	0.00	26.07	0.55
11	34.67	0.06	0.64	0.00	0.00	0.00	1.43	1.96	0.18	60.05	0.00	34.66	0.17	0.00	21.91	0.60
12	62.83	0.05	0.34	0.00	0.00	0.00	0.72	0.92	0.15	34.87	0.00	62.82	0.12	0.00	39.71	0.32
13	56.83	0.06	0.26	0.00	0.00	0.00	1.01	0.98	0.07	41.01	0.00	56.82	0.15	0.00	35.91	0.22
14	44.64	0.31	0.32	0.00	0.00	0.00	0.43	0.82	0.43	52.41	0.00	44.63	0.83	0.00	28.21	0.15
15	33.47	1.93	0.31	0.00	0.00	0.00	1.92	1.47	0.80	59.22	2.91	32.69	1.45	0.00	21.15	0.00
16	13.46	16.49	0.21	0.00	0.00	0.00	1.55	1.23	1.02	46.64	46.63	0.96	0.97	0.00	8.51	0.00
17	14.00	17.60	0.32	0.00	0.00	0.00	1.28	1.05	1.12	42.63	49.55	0.71	1.50	0.00	8.85	0.00
18	11.84	15.53	0.75	0.00	0.00	0.00	0.94	1.18	0.94	49.56	40.80	0.89	3.52	0.00	7.48	0.00
19	13.29	16.51	0.26	0.00	0.00	0.00	0.40	0.47	0.66	48.69	46.63	0.78	1.23	0.00	8.40	0.00
20	13.38	16.63	0.44	0.00	0.00	0.00	0.18	0.43	0.68	49.03	43.72	1.65	2.06	0.00	8.45	0.00
21	12.62	16.56	0.21	0.00	0.00	0.00	0.28	0.53	0.82	58.65	46.63	0.11	0.98	0.00	7.97	0.00

POCO PKC-10-SE

NUM	KCL	HGCL2	CACL2	HGS04	NA2SO4	K2SO4	CAS04	RI	UNID	NACL	CARN	SILV	TACH	BISCH	K2O	CACL2 SOBRA
1	0.21	0.12	0.36	0.00	0.00	0.00	1.05	2.79	0.05	92.16	0.00	0.20	0.34	0.00	0.13	0.29
2	0.24	0.16	0.14	0.00	0.00	0.00	0.63	0.60	0.34	97.91	0.00	0.24	0.42	0.00	0.15	0.05
3	0.74	0.51	0.55	0.00	0.00	0.00	1.05	2.18	1.09	90.93	0.00	0.73	1.39	0.00	0.47	0.25
4	30.97	1.36	0.05	0.00	0.00	0.00	0.10	0.14	0.87	65.39	2.91	30.18	0.24	0.00	19.57	0.00
5	0.56	0.40	0.48	0.00	0.00	0.00	1.05	1.92	0.67	92.08	0.00	0.55	1.08	0.00	0.35	0.25
6	31.71	1.28	0.49	0.00	0.00	0.00	0.72	0.33	0.75	63.12	0.00	31.71	2.29	0.00	20.04	0.00
7	15.41	3.12	0.54	0.00	0.00	0.00	0.71	0.53	1.89	74.63	5.83	13.85	2.53	0.00	9.74	0.00
8	25.07	0.79	0.16	0.00	0.00	0.00	0.49	0.26	0.51	70.69	0.00	25.07	0.77	0.00	15.84	0.00
9	21.68	1.88	0.46	0.00	0.00	0.00	1.41	3.20	1.84	60.11	2.91	20.90	2.14	0.00	13.70	0.00
10	33.44	1.07	0.42	0.00	0.00	0.00	1.14	2.38	1.06	59.24	0.00	33.44	1.97	0.00	21.14	0.00
11	41.79	2.56	0.49	0.00	0.00	0.00	0.50	0.88	1.33	51.65	2.91	41.01	2.27	0.00	26.41	0.00
12	42.29	1.56	0.45	0.00	0.00	0.00	0.34	0.64	1.11	52.28	0.00	42.29	2.11	0.00	26.73	0.00
13	2.28	1.04	0.23	0.00	0.00	0.00	0.76	0.51	0.96	91.09	0.00	2.28	1.09	0.00	1.44	0.00
14	24.87	3.14	0.14	0.00	0.00	0.00	0.72	0.79	2.57	65.22	5.83	23.30	0.63	0.00	15.71	0.00
15	5.76	3.72	0.27	0.00	0.00	0.00	0.83	1.35	-	80.46	8.74	3.42	1.24	0.00	3.64	0.00
16	38.40	2.39	0.27	0.00	0.00	0.00	0.31	1.01	-	54.70	2.91	37.62	1.26	0.00	24.27	0.00
17	19.61	2.82	0.51	0.00	0.00	0.00	0.81	1.57	-	74.23	2.91	18.83	2.38	0.00	12.39	0.00
18	22.42	5.32	0.28	0.00	0.00	0.00	0.41	0.84	-	62.55	11.66	19.29	1.32	0.00	14.17	0.00
19	17.00	2.70	1.10	0.00	0.00	0.00	0.89	2.55	-	69.09	0.00	17.00	5.14	0.00	10.75	0.00
20	37.54	1.18	0.11	0.00	0.00	0.00	0.65	0.67	-	57.85	0.00	37.54	0.53	0.00	23.72	0.00
21	10.80	11.72	1.53	0.00	0.00	0.00	0.63	3.25	-	55.52	26.23	3.76	7.12	0.00	6.82	0.00
22	17.75	22.03	0.38	0.00	0.00	0.00	0.45	1.64	-	30.77	61.21	1.33	1.75	0.00	11.21	0.00
23	22.56	27.58	0.21	0.00	0.00	0.00	0.18	0.54	-	13.74	78.69	1.46	1.00	0.00	14.26	0.00
24	22.32	28.35	0.26	0.00	0.00	0.00	0.21	0.60	-	14.81	78.69	1.22	1.22	0.00	14.11	0.00
25	16.24	30.19	5.54	0.00	0.00	0.00	0.15	0.46	-	8.22	58.29	0.60	25.82	0.00	10.26	0.00
26	0.42	35.36	18.33	0.00	0.00	0.00	0.06	0.26	-	1.72	1.58	0.00	85.47	4.27	0.27	0.00
27	10.81	13.73	1.65	0.00	0.00	0.00	1.22	3.66	-	47.32	29.15	2.99	7.68	0.00	6.83	0.00
28	0.48	37.01	18.22	0.00	0.00	0.00	0.03	0.19	-	2.36	1.79	0.00	84.97	8.53	0.30	0.00
29	0.04	37.28	18.92	0.00	0.00	0.00	0.02	0.19	-	0.05	0.13	0.00	88.24	6.40	0.02	0.00
30	0.12	35.65	18.98	0.00	0.00	0.00	0.02	0.12	-	0.36	0.45	0.00	88.51	4.27	0.08	0.00
31	0.10	34.98	18.38	0.00	0.00	0.00	0.02	0.17	-	0.05	0.36	0.00	85.70	4.27	0.06	0.00
32	1.15	29.90	15.10	0.00	0.00	0.00	0.35	0.91	-	11.10	4.28	0.00	70.39	2.13	0.73	0.00
33	0.36	36.55	17.92	0.00	0.00	0.00	0.03	0.14	-	0.99	1.36	0.00	83.55	8.53	0.23	0.00
34	1.21	28.34	13.45	0.00	0.00	0.00	0.70	1.59	-	21.03	4.51	0.00	62.72	6.40	0.76	0.00
35	0.02	35.70	18.09	0.00	0.00	0.00	0.30	0.23	-	0.17	0.07	0.00	84.36	6.40	0.01	0.00
36	0.02	35.43	17.61	0.00	0.00	0.00	0.01	0.14	-	0.02	0.08	0.00	82.10	8.53	0.01	0.00
37	0.07	37.63	18.69	0.00	0.00	0.00	0.03	0.17	-	0.51	0.27	0.00	87.14	8.53	0.05	0.00
38	0.03	0.03	0.44	0.00	0.00	0.00	13.08	85.58	0.34	0.26	0.00	0.02	0.08	0.00	0.02	0.43
39	0.09	0.09	0.00	0.02	0.00	0.00	8.28	88.33	1.95	1.38	0.00	0.09	0.00	0.00	0.06	0.00
40	0.11	0.11	0.30	0.00	0.00	0.00	6.36	89.24	2.08	1.94	0.00	0.10	0.31	0.00	0.07	0.24
41	0.00	0.00	0.00	0.04	0.13	0.02	1.33	0.33	0.01	98.69	0.00	0.00	0.00	0.00	0.01	0.00
42	0.00	0.00	0.00	0.05	0.33	0.02	3.97	1.77	0.12	94.02	0.00	0.00	0.00	0.00	0.01	0.00
43	0.01	0.03	0.28	0.00	0.00	0.00	0.48	0.12	0.00	97.96	0.00	0.01	0.07	0.00	0.01	0.26
44	0.02	0.03	0.18	0.00	0.00	0.00	2.00	1.00	0.00	95.51	0.00	0.01	0.09	0.00	0.01	0.16
45	0.02	0.03	0.08	0.00	0.00	0.00	3.62	1.18	0.00	95.41	0.00	0.01	0.09	0.00	0.01	0.06
46	0.00	0.00	0.00	0.06	0.32	0.02	2.01	0.78	0.01	96.11	0.00	0.00	0.00	0.00	0.01	0.00
47	0.06	0.14	0.38	0.00	0.00	0.00	3.13	7.84	1.55	87.02	0.00	0.05	0.39	0.00	0.04	0.30
48	0.05	0.12	1.45	0.00	0.00	0.00	1.06	6.47	0.69	89.51	0.00	0.05	0.33	0.00	0.03	1.38
49	0.09	0.05	0.00	0.01	0.00	0.00	1.68	8.60	0.32	87.22	0.00	0.09	0.00	0.00	0.06	0.00
50	0.08	0.06	0.09	0.00	0.00	0.00	1.14	2.35	0.21	95.39	0.00	0.08	0.17	0.00	0.05	0.05
51	0.13	0.09	0.31	0.00	0.00	0.00	0.85	0.98	0.26	95.54	0.00	0.13	0.24	0.00	0.09	0.26
52	0.62	34.06	17.56	0.00	0.00	0.00	0.28	0.50	-	6.84	2.30	0.00	81.89	4.27	0.39	0.00
53	0.47	32.14	17.70	0.00	0.00	0.00	0.13	0.45	-	7.25	1.76	0.00	82.54	0.00	0.30	0.00
54	0.01	35.69	20.58	0.00	0.00	0.00	0.01	0.18	-	0.34	0.00	0.01	95.98	0.00	0.01	0.00
55	0.01	35.63	20.67	0.00	0.00	0.00	0.01	0.16	-	0.26	0.00	0.01	96.41	0.00	0.01	0.00

56	0.76	34.17	18.40	0.00	0.00	0.00	0.01	0.34	-	3.84	2.84	0.00	85.78	2.13	0.48	0.00
57	0.84	34.76	19.49	0.00	0.00	0.00	0.01	0.20	-	1.14	2.91	0.06	90.89	0.00	0.53	0.00
58	14.48	18.44	1.16	0.00	0.00	0.00	0.85	1.96	-	39.35	46.63	1.98	5.39	0.00	9.15	0.00
59	0.19	35.97	20.33	0.00	0.00	0.00	0.01	0.14	-	0.88	0.71	0.00	94.78	0.00	0.12	0.00
60	0.13	36.60	19.70	0.00	0.00	0.00	0.03	0.08	-	0.16	0.47	0.00	91.88	2.13	0.08	0.00
60-A	0.07	36.08	19.80	0.00	0.00	0.00	0.03	0.18	-	1.83	0.24	0.00	92.35	2.13	0.04	0.00
61	0.26	35.89	20.32	0.00	0.00	0.00	0.01	0.08	-	-0.15	0.00	0.26	94.78	0.00	0.17	0.00
62	1.30	35.30	18.58	0.00	0.00	0.00	0.04	0.26	-	2.19	4.86	0.00	86.62	2.13	0.82	0.00
63	5.41	31.25	14.11	0.00	0.00	0.00	0.18	0.48	-	10.75	20.18	0.00	65.78	0.00	3.42	0.00
64	10.36	12.37	1.22	0.00	0.00	0.00	0.89	1.66	-	57.50	29.15	2.55	5.71	0.00	6.55	0.00
64	0.08	35.79	19.80	0.00	0.00	0.00	0.00	0.52	-	0.54	0.32	0.00	92.31	0.00	0.05	0.00
65	6.90	7.38	0.00	0.18	0.00	0.00	2.05	0.97	-	72.53	20.40	1.43	0.00	0.00	4.36	0.00
66	0.57	0.63	0.00	0.06	0.00	0.00	2.05	1.02	-	93.12	0.00	0.57	0.00	0.00	0.36	0.00
67	20.27	24.89	0.00	0.06	0.00	0.00	1.06	0.53	-	25.47	69.95	1.51	0.00	0.00	12.81	0.00
68	2.06	3.19	0.60	0.00	0.00	0.00	4.92	6.24	-	77.75	5.83	0.50	2.81	0.00	1.30	0.00
69	4.31	5.35	14.08	0.00	0.00	0.00	0.93	52.46	-	14.28	0.00	4.31	14.54	0.00	2.73	10.96
70	3.76	4.67	15.56	0.00	0.00	0.00	2.48	57.60	-	9.14	0.00	3.76	12.68	0.00	2.38	12.84
71	4.64	5.90	0.12	0.00	0.00	0.00	5.45	22.06	-	52.54	14.57	0.73	0.54	0.00	2.93	0.00
72	3.11	6.50	2.15	0.00	0.00	0.00	3.54	19.60	-	56.77	5.83	1.55	10.04	0.00	1.97	0.00
73	6.55	27.10	11.60	0.00	0.00	0.00	0.43	4.21	-	18.18	20.40	1.08	54.11	0.00	4.14	0.00
74	2.56	24.48	14.48	0.00	0.00	0.00	1.97	5.87	-	20.96	0.00	2.55	66.48	0.00	1.62	0.23
75	4.86	31.21	14.17	0.00	0.00	0.00	0.46	3.22	-	9.26	17.49	0.17	66.10	0.00	3.07	0.00
76	0.18	29.92	16.80	0.00	0.00	0.00	0.74	5.08	-	10.90	0.67	0.00	78.32	0.00	0.11	0.00
77	6.41	28.57	11.63	0.00	0.00	0.00	0.34	3.80	-	14.79	23.32	0.16	54.21	0.00	4.05	0.00
77-A	1.68	34.51	19.51	0.00	0.00	0.00	0.21	1.06	-	1.98	2.91	0.90	90.99	0.00	1.06	0.00
78	3.79	28.42	13.37	0.00	0.00	0.00	0.42	3.98	-	14.89	14.13	0.00	62.34	0.00	2.39	0.00
79	0.48	29.54	16.65	0.00	0.00	0.00	0.45	4.12	-	13.92	0.00	0.48	77.64	0.00	0.30	0.00
80	6.96	29.36	11.39	0.00	0.00	0.00	0.73	3.33	-	13.99	25.94	0.00	53.13	0.00	4.40	0.00
81	0.62	24.17	13.79	0.00	0.00	0.00	0.73	7.88	-	22.54	0.00	0.62	64.31	0.00	0.39	0.00
82	0.48	28.91	17.01	0.00	0.00	0.00	0.45	3.42	-	14.16	0.00	0.47	78.50	0.00	0.30	0.18
82-A	0.82	35.11	20.46	0.00	0.00	0.00	0.13	0.63	-	1.82	0.00	0.82	95.34	0.00	0.52	0.01
83	11.55	22.33	4.05	0.00	0.00	0.00	1.26	6.60	-	26.66	43.07	0.00	18.86	0.00	7.30	0.00
84	9.45	11.27	0.00	0.19	0.00	0.00	2.25	0.76	-	62.07	32.06	0.85	0.00	0.00	5.97	0.00
87	8.49	10.14	0.61	0.00	0.00	0.00	1.85	0.86	-	64.79	26.23	1.46	2.86	0.00	5.37	0.00
88	17.14	20.41	0.00	0.14	0.00	0.00	1.40	0.34	-	34.50	58.29	1.50	0.00	0.00	10.83	0.00
89	6.16	7.87	0.09	0.00	0.00	0.00	2.71	1.13	-	71.76	20.40	0.69	0.41	0.00	3.90	0.00
102	17.17	19.31	0.24	0.00	0.00	0.00	1.93	0.78	-	38.08	52.46	3.10	1.13	0.00	10.85	0.00
103	21.46	23.20	0.20	0.00	0.00	0.00	1.36	0.50	-	27.46	64.12	4.27	0.92	0.00	13.56	0.00
104	12.93	13.19	0.00	0.30	0.00	0.00	2.41	0.89	-	54.74	37.89	2.77	0.00	0.00	8.17	0.00
105	19.96	19.97	0.00	0.79	0.00	0.00	3.33	1.09	-	30.18	55.38	5.11	0.00	0.00	12.62	0.00
106	10.63	13.60	0.04	0.00	0.00	0.00	6.76	2.70	-	49.74	37.89	0.47	0.17	0.00	6.72	0.00
107	0.16	0.21	0.02	0.00	0.00	0.00	4.72	3.52	0.66	88.94	0.00	0.16	0.11	0.00	0.10	0.00
108	0.35	0.08	0.00	0.33	0.00	0.00	10.91	17.18	3.17	66.27	0.00	0.35	0.00	0.00	0.22	0.00
109	0.15	0.21	2.41	0.00	0.00	0.00	1.27	3.18	0.72	90.74	0.00	0.14	0.57	0.00	0.09	2.29
110	0.10	0.23	0.22	0.00	0.00	0.00	5.72	5.02	1.03	88.51	0.00	0.10	0.64	0.00	0.06	0.08
111	0.14	0.08	0.00	0.11	0.00	0.00	2.76	2.39	0.62	92.77	0.00	0.14	0.00	0.00	0.09	0.00
112	0.15	0.25	0.02	0.00	0.00	0.00	4.56	7.28	1.24	85.30	0.00	0.15	0.09	0.00	0.09	0.00
113	0.27	0.40	0.00	0.06	0.00	0.00	4.35	20.45	3.00	70.18	0.00	0.27	0.00	0.00	0.17	0.00
114	0.13	0.17	0.00	0.15	0.00	0.00	6.14	10.92	1.30	79.06	0.00	0.13	0.00	0.00	0.09	0.00
115	0.06	0.12	0.29	0.00	0.00	0.00	3.41	3.35	0.26	90.46	0.00	0.06	0.33	0.00	0.04	0.22
116	0.00	0.00	0.00	0.11	0.06	0.05	1.59	3.94	0.25	93.38	0.00	0.00	0.00	0.00	0.03	0.00
117	0.46	0.89	0.35	0.00	0.00	0.00	9.53	66.23	5.15	16.46	0.00	0.46	1.63	0.00	0.29	0.00
118	0.03	0.10	1.27	0.00	0.00	0.00	1.47	5.12	0.26	90.70	0.00	0.03	0.26	0.00	0.02	1.22
119	0.27	0.84	1.64	0.00	0.00	0.00	4.71	63.84	4.90	23.15	0.00	0.26	2.28	0.00	0.17	1.15
120	0.05	0.14	0.97	0.00	0.00	0.00	5.69	9.93	0.53	80.93	0.00	0.04	0.38	0.00	0.03	0.89
121	0.03	0.09	0.21	0.00	0.00	0.00	4.56	4.70	0.36	90.08	0.00	0.02	0.26	0.00	0.02	0.16
122	0.02	0.06	0.37	0.00	0.00	0.00	0.02	2.54	0.31	96.08	0.00	0.02	0.16	0.00	0.02	0.34
123	0.22	0.70	0.79	0.00	0.00	0.00	8.33	63.77	4.48	21.06	0.00	0.21	1.89	0.00	0.14	0.39
124	0.04	0.10	0.37	0.00	0.00	0.00	4.79	8.19	0.58	83.90	0.00	0.04	0.28	0.00	0.03	0.31
125	0.02	0.04	0.32	0.00	0.00	0.00	2.83	2.31	0.18	92.22	0.00	0.01	0.11	0.00	0.01	0.30
126	0.02	0.04	0.20	0.00	0.00	0.00	3.03	3.45	0.18	91.49	0.00	0.01	0.11	0.00	0.01	0.17
127	0.02	0.01	0.00	0.03	0.00	0.00	2.87	2.93	0.18	92.01	0.00	0.02	0.00	0.00	0.01	0.00
128	0.02	0.06	1.10	0.00	0.00	0.00	4.23	5.62	0.30	86.94	0.00	0.02	0.16	0.00	0.01	1.07

129	0.02	0.05	0.28	0.00	0.00	0.00	1.28	1.20	0.21	95.04	0.00	0.02	0.13	0.00	0.01	0.25
130	0.02	0.06	0.46	0.00	0.00	0.00	3.60	3.67	0.35	90.30	0.00	0.01	0.15	0.00	0.01	0.42
131	0.00	0.04	2.89	0.00	0.00	0.00	0.50	1.31	0.17	93.65	0.00	0.00	0.10	0.00	0.00	2.87
132	0.00	0.03	0.28	0.00	0.00	0.00	0.58	0.99	0.07	96.32	0.00	0.00	0.08	0.00	0.00	0.27
133	0.02	0.05	0.70	0.00	0.00	0.00	1.27	2.05	0.30	95.10	0.00	0.02	0.13	0.00	0.01	0.67
134	0.00	0.04	0.62	0.00	0.00	0.00	0.45	2.42	0.23	94.42	0.00	0.00	0.11	0.00	0.00	0.60
135	0.03	0.07	0.55	0.00	0.00	0.00	7.58	88.04	0.71	2.72	0.00	0.03	0.19	0.00	0.02	0.51
136	0.07	0.09	0.33	0.00	0.00	0.00	1.94	94.49	2.13	1.12	0.00	0.06	0.25	0.00	0.04	0.28

POCO PKC-11-SE

VUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
1	0.11	0.09	0.04	0.00	0.00	0.00	1.00	1.42	0.30	96.60	0.00	0.11	0.20	0.00	0.07	0.00
2	0.36	0.04	0.01	0.00	0.00	0.00	0.62	0.56	0.26	97.89	0.00	0.36	0.02	0.00	0.23	0.00
3	0.17	0.08	0.41	0.00	0.00	0.00	0.95	6.07	0.60	92.21	0.00	0.17	0.23	0.00	0.11	0.37
4	0.07	0.00	0.00	0.06	0.00	0.05	0.51	0.67	0.12	97.70	0.00	0.07	0.00	0.00	0.04	0.00
5	0.13	0.00	0.00	0.09	0.00	0.01	0.51	1.18	0.21	97.63	0.00	0.13	0.00	0.00	0.09	0.00
6	0.24	0.08	0.01	0.00	0.00	0.00	1.00	1.63	0.09	96.61	0.00	0.24	0.07	0.00	0.15	0.00
7	45.33	0.02	0.01	0.00	0.00	0.00	0.27	0.27	0.09	54.35	0.00	45.33	0.05	0.00	28.65	0.00
8	18.40	0.05	0.57	0.00	0.00	0.00	1.23	4.22	0.27	76.64	0.00	18.39	0.15	0.00	11.63	0.54
9	41.16	0.03	0.04	0.00	0.00	0.00	0.48	0.94	0.23	58.42	0.00	41.15	0.09	0.00	26.01	0.02
10	14.35	0.00	0.00	0.06	0.00	0.50	0.56	3.80	0.24	80.75	0.00	14.35	0.00	0.00	9.07	0.00
11	16.36	0.00	0.00	0.06	0.00	0.22	0.99	4.08	0.15	79.17	0.00	16.36	0.00	0.00	10.34	0.00
12	0.13	0.04	0.24	0.00	0.00	0.00	0.27	0.24	0.35	98.28	0.00	0.12	0.12	0.00	0.08	0.21
13	0.00	0.00	0.00	0.08	0.09	0.16	0.68	0.40	0.41	97.91	0.00	0.00	0.00	0.00	0.09	0.00
14	0.10	0.03	0.24	0.00	0.00	0.00	0.96	0.10	0.33	97.14	0.00	0.10	0.09	0.00	0.07	0.22
15	20.97	0.04	0.00	0.03	0.00	0.00	1.04	1.34	0.49	77.04	0.00	20.97	0.00	0.00	13.26	0.00
16	0.37	0.06	0.04	0.00	0.00	0.00	0.98	0.62	0.53	97.04	0.00	0.36	0.17	0.00	0.23	0.01
17	40.02	0.05	0.09	0.00	0.00	0.00	0.54	0.96	0.40	57.60	0.00	40.02	0.14	0.00	25.29	0.06
18	1.46	0.00	0.00	0.08	0.00	0.37	0.62	1.30	0.38	96.19	0.00	1.46	0.00	0.00	0.92	0.00
19	0.10	0.00	0.00	0.07	0.00	0.09	1.05	0.64	0.27	97.65	0.00	0.10	0.00	0.00	0.07	0.00
20	0.15	0.00	0.00	0.05	0.00	0.17	1.24	0.54	0.22	96.80	0.00	0.15	0.00	0.00	0.09	0.00
21	33.33	0.00	0.00	0.09	0.00	0.29	1.69	2.73	0.42	62.45	0.00	33.33	0.00	0.00	21.06	0.00
22	0.26	0.00	0.00	0.05	0.00	0.11	0.82	0.64	0.14	97.07	0.00	0.26	0.00	0.00	0.17	0.00
23	3.63	0.06	0.14	0.00	0.00	0.00	1.41	2.95	0.44	90.68	0.00	3.63	0.15	0.00	2.30	0.11
24	0.00	0.00	0.00	0.05	0.33	0.18	0.74	0.63	0.19	97.65	0.00	0.00	0.00	0.00	0.09	0.00
25	0.08	0.03	0.13	0.00	0.00	0.00	1.43	0.10	0.16	96.90	0.00	0.07	0.08	0.00	0.05	0.11

POCO PKC-12-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
1	0.24	0.25	0.33	0.00	0.00	0.00	5.57	21.72	1.91	68.81	0.00	0.24	0.69	0.00	0.15	0.18
2	0.14	0.07	1.06	0.00	0.00	0.00	1.26	4.35	0.33	90.42	0.00	0.13	0.20	0.00	0.09	1.01
3	0.22	0.86	2.01	0.00	0.00	0.00	1.27	6.09	0.61	86.85	0.00	0.21	2.34	0.00	0.14	1.51
4	11.20	0.06	1.33	0.00	0.00	0.00	1.14	4.46	0.32	78.83	0.00	11.19	0.16	0.00	7.08	1.30
5	37.79	0.05	0.10	0.00	0.00	0.00	0.64	1.97	0.22	58.40	0.00	37.79	0.13	0.00	23.89	0.08
6	13.37	0.09	1.51	0.00	0.00	0.00	2.05	6.97	0.58	73.57	0.00	13.37	0.23	0.00	8.45	1.46
7	19.81	0.07	1.49	0.00	0.00	0.00	0.64	4.13	0.52	71.06	0.00	19.81	0.20	0.00	12.52	1.44
8	49.61	0.09	1.02	0.00	0.00	0.00	1.17	3.03	0.48	44.47	0.00	49.61	0.25	0.00	31.35	0.97
9	6.61	0.06	1.42	0.00	0.00	0.00	0.91	3.99	0.48	83.97	0.00	6.60	0.16	0.00	4.17	1.38
10	26.24	0.06	2.26	0.00	0.00	0.00	0.45	3.78	0.37	69.54	0.00	26.24	0.16	0.00	16.58	2.23
11	19.12	0.05	1.71	0.00	0.00	0.00	0.72	2.72	0.30	74.40	0.00	19.11	0.13	0.00	12.08	1.69
12	28.90	0.05	1.47	0.00	0.00	0.00	0.93	2.19	0.16	65.59	0.00	28.89	0.12	0.00	18.26	1.45
13	34.76	0.03	0.97	0.00	0.00	0.00	0.71	1.50	0.19	60.62	0.00	34.75	0.09	0.00	21.97	0.95
14	15.34	0.00	0.00	0.07	0.00	1.48	4.42	4.17	0.42	74.31	0.00	15.34	0.00	0.00	9.70	0.00
15	31.90	0.00	0.00	0.05	0.00	1.10	2.40	2.02	0.27	60.96	0.00	31.90	0.00	0.00	20.16	0.00
16	17.68	0.00	0.00	0.03	0.00	0.07	1.31	0.71	0.27	80.16	0.00	17.68	0.00	0.00	11.17	0.00
17	42.72	0.05	0.08	0.00	0.00	0.00	2.62	1.43	0.44	52.39	0.00	42.71	0.14	0.00	27.00	0.05
18	21.23	0.00	0.00	0.05	0.00	0.62	3.06	1.68	0.21	72.17	0.00	21.23	0.00	0.00	13.42	0.00
19	0.31	0.00	0.00	0.05	0.00	0.51	4.44	2.42	0.38	90.73	0.00	0.31	0.00	0.00	0.19	0.00
20	16.96	0.03	0.31	0.00	0.00	0.00	1.91	1.36	0.27	78.69	0.00	16.95	0.09	0.00	10.72	0.29
21	0.67	0.05	1.16	0.00	0.00	0.00	4.17	2.87	0.48	89.40	0.00	0.66	0.14	0.00	0.42	1.13
22	15.27	0.05	1.24	0.00	0.00	0.00	3.11	2.66	0.50	75.54	0.00	15.27	0.13	0.00	9.65	1.21
23	23.27	0.05	0.90	0.00	0.00	0.00	2.29	1.90	0.42	70.80	0.00	23.26	0.13	0.00	14.70	0.87
24	35.84	0.06	0.67	0.00	0.00	0.00	1.59	1.20	0.23	61.20	0.00	35.84	0.15	0.00	22.65	0.64
25	11.41	0.05	0.25	0.00	0.00	0.00	3.62	1.96	0.20	81.14	0.00	11.40	0.13	0.00	7.21	0.22
26	39.15	0.06	0.89	0.00	0.00	0.00	1.04	1.05	0.16	58.45	0.00	39.14	0.15	0.00	24.74	0.85
27	3.74	0.11	1.48	0.00	0.00	0.00	2.31	1.86	2.01	87.80	0.00	3.74	0.31	0.00	2.36	1.41
28	44.44	0.08	1.75	0.00	0.00	0.00	0.79	1.44	0.35	51.25	0.00	44.44	0.23	0.00	28.08	1.70
29	10.82	0.05	1.54	0.00	0.00	0.00	2.28	2.00	0.22	80.43	0.00	10.82	0.15	0.00	6.84	1.51
30	29.91	0.06	0.01	0.00	0.00	0.00	3.59	1.70	0.27	65.39	0.00	29.91	0.03	0.00	18.90	0.00
31	2.45	0.11	0.22	0.00	0.00	0.00	3.85	1.82	0.33	88.94	0.00	2.44	0.29	0.00	1.55	0.16
32	18.96	0.18	2.35	0.00	0.00	0.00	2.52	2.47	0.56	72.01	0.00	18.95	0.50	0.00	11.98	2.24
33	2.50	0.04	0.36	0.00	0.00	0.00	3.58	1.51	0.10	90.73	0.00	2.49	0.12	0.00	1.58	0.33
34	47.14	0.12	0.91	0.00	0.00	0.00	1.59	1.61	0.43	49.33	0.00	47.13	0.33	0.00	29.79	0.84
35	2.46	1.30	0.28	0.00	0.00	0.00	6.09	2.80	1.40	84.46	0.00	2.46	1.29	0.00	1.56	0.00
36	47.89	0.10	0.68	0.00	0.00	0.00	1.59	1.22	0.47	49.84	0.00	47.88	0.28	0.00	30.26	0.61
37	45.18	0.00	0.00	0.08	0.00	1.43	2.38	1.08	0.30	49.55	0.00	45.18	0.00	0.00	28.55	0.00
38	0.00	0.00	0.00	0.40	0.35	1.36	12.09	4.86	1.17	80.39	0.00	0.00	0.00	0.00	0.74	0.00
39	27.67	0.09	0.08	0.00	0.00	0.00	5.06	2.08	0.38	64.76	0.00	27.67	0.23	0.00	17.49	0.03
40	1.47	0.00	0.00	0.11	0.00	1.28	8.75	3.86	0.46	85.80	0.00	1.47	0.00	0.00	0.93	0.00
41	52.63	0.00	0.00	0.12	0.00	0.50	3.04	1.50	0.41	39.97	0.00	52.63	0.00	0.00	33.26	0.00
42	1.35	0.25	0.19	0.00	0.00	0.00	14.19	8.65	1.03	75.62	0.00	1.35	0.69	0.00	0.85	0.04
43	9.56	0.41	1.72	0.00	0.00	0.00	10.05	5.28	1.22	71.22	0.00	9.56	1.10	0.00	6.04	1.48
44	64.94	0.35	0.09	0.00	0.00	0.00	2.11	1.03	0.58	29.58	0.00	64.94	0.41	0.00	41.04	0.00
45	24.02	30.34	0.38	0.00	0.00	0.00	0.64	0.38	-	7.06	84.52	1.35	1.77	0.00	15.18	0.00
46	5.58	7.88	2.02	0.00	0.00	0.00	8.18	5.59	-	58.19	11.66	2.45	9.40	0.00	3.52	0.00
47	23.45	31.65	0.00	0.25	0.00	0.00	1.25	0.43	-	4.04	87.46	0.00	0.00	0.00	14.82	0.00
48	23.14	29.52	0.00	1.47	0.00	0.00	0.79	0.38	-	5.90	84.52	0.47	0.00	0.00	14.62	0.00
49	39.84	3.47	0.38	0.00	0.00	0.00	1.87	3.06	-	25.26	5.83	38.27	1.79	0.00	25.17	0.00
50	0.35	0.33	1.53	0.00	0.00	0.00	4.94	4.53	1.05	84.12	0.00	0.34	0.91	0.00	0.22	1.34
51	0.35	0.18	0.24	0.00	0.00	0.00	6.17	3.37	0.90	87.07	0.00	0.34	0.48	0.00	0.22	0.13
52	0.00	0.00	0.00	0.14	0.05	0.15	6.75	4.81	0.50	87.05	0.00	0.00	0.00	0.00	0.08	0.00

POCO PKC-14-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2SO4	K2SO4	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
1	0.12	0.06	0.29	0.00	0.00	0.00	0.56	2.57	0.42	95.98	0.00	0.11	0.16	0.00	0.07	0.25
2	0.28	0.07	0.17	0.00	0.00	0.00	0.92	1.63	0.42	94.94	0.00	0.28	0.18	0.00	0.18	0.13
3	10.88	0.03	0.65	0.00	0.00	0.00	1.42	0.65	0.25	84.44	0.00	10.88	0.08	0.00	6.88	0.63
4	29.09	0.03	0.48	0.00	0.00	0.00	0.78	0.50	0.38	66.80	0.00	29.08	0.08	0.00	18.38	0.46
5	14.00	0.07	0.77	0.00	0.00	0.00	0.64	2.78	0.63	80.15	0.00	13.99	0.19	0.00	8.85	0.73
6	43.48	0.00	0.00	0.05	0.00	0.42	0.53	0.95	0.25	53.56	0.00	43.48	0.00	0.00	27.48	0.00
7	17.71	0.21	0.22	0.00	0.00	0.00	0.92	4.11	0.97	74.58	0.00	17.70	0.58	0.00	11.19	0.09
8	3.74	2.42	0.36	0.00	0.00	0.00	0.21	4.78	3.43	83.48	2.91	2.96	1.67	0.00	2.36	0.00
9	0.18	0.09	0.52	0.00	0.00	0.00	1.42	0.68	0.86	95.04	0.00	0.18	0.23	0.00	0.11	0.47
10	0.09	0.03	0.13	0.00	0.00	0.00	0.70	0.27	0.54	96.65	0.00	0.09	0.09	0.00	0.06	0.11
11	0.13	0.06	0.41	0.00	0.00	0.00	0.71	1.33	0.52	95.34	0.00	0.13	0.16	0.00	0.08	0.38
12	0.07	0.04	0.25	0.00	0.00	0.00	1.13	0.49	0.70	96.38	0.00	0.06	0.12	0.00	0.04	0.22

POCO PKC-16-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
125	0.00	0.00	0.00	0.07	0.80	0.04	9.78	3.70	0.27	84.92	0.00	0.00	0.00	0.00	0.02	0.00
126	0.00	0.00	0.00	0.06	0.95	0.05	8.57	8.19	0.32	81.05	0.00	0.00	0.00	0.00	0.02	0.00
127	0.00	0.00	0.00	0.03	0.95	0.03	4.22	0.44	0.22	94.56	0.00	0.00	0.00	0.00	0.02	0.00
128	0.00	0.00	0.00	0.04	3.09	0.04	5.76	2.70	0.20	88.34	0.00	0.00	0.00	0.00	0.02	0.00
129	0.00	0.00	0.00	0.05	0.66	0.04	7.95	2.36	0.30	88.23	0.00	0.00	0.00	0.00	0.02	0.00
130	0.04	0.04	0.00	0.00	0.00	0.00	10.12	3.60	0.26	85.32	0.00	0.04	0.00	0.00	0.02	0.00
131	0.04	0.02	0.00	0.04	0.00	0.00	13.58	6.00	0.23	80.76	0.00	0.04	0.00	0.00	0.02	0.00
132	0.00	0.00	0.00	0.11	0.07	0.05	16.17	43.46	0.29	40.73	0.00	0.00	0.00	0.00	0.03	0.00
133	0.00	0.00	0.00	0.06	1.23	0.05	14.51	11.55	0.04	73.12	0.00	0.00	0.00	0.00	0.03	0.00
134	0.00	0.00	0.00	0.01	0.74	0.05	15.83	21.70	0.10	60.91	0.00	0.00	0.00	0.00	0.03	0.00
135	0.06	0.06	0.50	0.00	0.00	0.00	18.42	58.73	0.66	21.85	0.00	0.06	0.16	0.00	0.04	0.46
136	0.07	0.03	0.00	0.02	0.00	0.00	1.24	0.05	0.11	97.57	0.00	0.07	0.00	0.00	0.05	0.00
137	0.09	0.04	0.41	0.00	0.00	0.00	0.88	0.02	0.06	97.71	0.00	0.08	0.10	0.00	0.05	0.39
138	0.09	0.04	0.16	0.00	0.00	0.00	1.25	0.04	0.14	97.83	0.00	0.08	0.12	0.00	0.06	0.13
1	0.00	0.00	0.00	0.03	0.04	0.11	0.60	0.13	0.29	99.22	0.00	0.00	0.00	0.00	0.06	0.00
2	0.00	0.00	0.00	0.07	0.22	0.10	0.63	0.62	0.32	97.44	0.00	0.00	0.00	0.00	0.06	0.00
3	0.00	0.00	0.00	0.06	0.28	0.18	0.76	0.09	0.24	98.40	0.00	0.00	0.00	0.00	0.10	0.00
4	0.37	0.21	0.35	0.00	0.00	0.00	1.24	14.04	1.99	80.10	0.00	0.37	0.57	0.00	0.23	0.23
5	0.32	0.00	0.00	0.05	0.00	0.01	0.55	0.63	0.25	97.41	0.00	0.32	0.00	0.00	0.21	0.00
6	47.37	0.00	0.00	0.01	0.00	0.97	0.22	0.26	0.16	49.77	0.00	47.37	0.00	0.00	29.93	0.00
7	27.40	0.05	0.10	0.00	0.00	0.00	0.29	0.40	0.32	70.50	0.00	27.40	0.13	0.00	17.32	0.07
8	50.19	0.02	0.10	0.00	0.00	0.00	0.23	0.18	0.20	46.79	0.00	50.19	0.05	0.00	31.72	0.09
9	40.83	0.03	0.09	0.00	0.00	0.00	0.09	0.09	0.10	56.57	0.00	40.83	0.07	0.00	25.80	0.08
10	47.97	0.03	0.12	0.00	0.00	0.00	0.19	0.19	0.30	50.06	0.00	47.97	0.08	0.00	30.32	0.10
11	42.75	0.07	0.12	0.00	0.00	0.00	0.55	0.99	0.52	53.68	0.00	42.75	0.19	0.00	27.02	0.08
12	42.47	0.00	0.00	0.05	0.00	0.14	0.26	0.08	0.08	54.45	0.00	42.47	0.00	0.00	26.84	0.00
13	34.44	0.19	0.25	0.00	0.00	0.00	0.43	1.64	2.25	59.92	0.00	34.44	0.52	0.00	21.77	0.14
14	44.68	0.14	0.20	0.00	0.00	0.00	0.74	1.27	0.36	51.45	0.00	44.68	0.37	0.00	28.24	0.12
15	43.66	0.49	0.56	0.00	0.00	0.00	0.73	2.18	1.67	48.86	0.00	43.65	1.34	0.00	27.59	0.27
16	51.33	0.00	0.00	0.07	0.00	1.20	0.40	0.34	0.33	45.82	0.00	51.33	0.00	0.00	32.44	0.00
17	50.85	0.12	0.06	0.00	0.00	0.00	0.47	0.60	0.62	45.75	0.00	50.85	0.28	0.00	32.14	0.00
18	23.54	0.20	0.11	0.00	0.00	0.00	1.98	4.06	1.23	67.10	0.00	23.54	0.51	0.00	14.88	0.00
19	37.38	0.01	0.20	0.00	0.00	0.00	0.54	1.54	0.82	57.13	0.00	37.38	0.02	0.00	23.62	0.20
20	46.82	0.06	0.09	0.00	0.00	0.00	0.23	0.16	0.51	50.02	0.00	46.81	0.16	0.00	29.59	0.06
21	52.00	0.06	0.09	0.00	0.00	0.00	0.23	0.88	0.30	45.25	0.00	51.99	0.17	0.00	32.86	0.05
22	35.63	0.18	0.04	0.00	0.00	0.00	1.00	2.12	0.81	57.15	0.00	35.63	0.20	0.00	22.51	0.00
23	47.42	0.06	0.15	0.00	0.00	0.00	0.65	0.24	0.44	49.85	0.00	47.41	0.17	0.00	29.96	0.12
24	51.83	0.04	0.07	0.00	0.00	0.00	0.33	0.28	0.22	45.36	0.00	51.83	0.11	0.00	32.76	0.04
25	59.27	0.03	0.00	0.00	0.00	0.00	0.38	0.08	0.17	38.96	0.00	59.27	0.02	0.00	37.46	0.00
26	46.50	0.14	0.07	0.00	0.00	0.00	0.83	1.38	0.58	48.29	0.00	46.50	0.32	0.00	29.39	0.00
27	50.75	0.01	0.00	0.09	0.00	0.00	0.13	0.70	0.30	45.07	0.00	50.75	0.00	0.00	32.07	0.00
28	47.14	0.08	0.10	0.00	0.00	0.00	0.57	0.42	0.32	49.53	0.00	47.13	0.22	0.00	29.79	0.05
29	48.50	0.24	0.09	0.00	0.00	0.00	0.16	0.15	0.48	48.24	0.00	48.50	0.41	0.00	30.65	0.00
30	5.89	5.78	2.57	0.00	0.00	0.00	3.63	7.64	7.27	61.28	2.91	5.11	11.99	0.00	3.72	0.00
31	1.10	1.41	1.14	0.00	0.00	0.00	2.61	4.71	2.88	84.63	0.00	1.10	3.83	0.00	0.70	0.32
32	1.30	1.57	2.87	0.00	0.00	0.00	2.27	7.76	4.79	76.13	0.00	1.29	4.25	0.00	0.82	1.95
33	1.86	2.06	1.47	0.00	0.00	0.00	0.38	4.86	3.89	82.45	0.00	1.86	5.60	0.00	1.18	0.27
34	0.36	0.31	0.22	0.00	0.00	0.00	0.21	0.71	0.73	96.17	0.00	0.35	0.84	0.00	0.23	0.04
35	0.88	0.87	1.17	0.00	0.00	0.00	1.24	3.11	2.28	87.54	0.00	0.88	2.37	0.00	0.56	0.66
36	7.43	1.12	0.08	0.00	0.00	0.00	0.43	0.52	1.10	85.31	0.00	7.43	0.40	0.00	4.69	0.00
37	14.40	19.72	0.87	0.00	0.00	0.00	1.35	5.29	-	29.47	52.46	0.33	4.06	0.00	9.10	0.00
38	8.06	11.97	3.06	0.00	0.00	0.00	5.68	12.10	-	36.38	17.49	3.37	14.25	0.00	5.09	0.00
39	0.77	1.02	1.71	0.00	0.00	0.00	3.53	9.20	3.63	76.54	0.00	0.77	2.76	0.00	0.49	1.11
40	0.46	0.61	0.89	0.00	0.00	0.00	0.33	3.49	2.42	90.06	0.00	0.45	1.66	0.00	0.29	0.54

104	3.26	0.44	1.35	0.00	0.00	0.00	1.00	6.43	2.42	82.79	0.00	3.25	1.20	0.00	2.06	1.10
105	23.66	0.13	0.15	0.00	0.00	0.00	0.68	1.17	0.32	72.67	0.00	23.66	0.34	0.00	14.95	0.08
106	6.34	0.00	0.00	0.05	0.00	0.12	0.74	0.48	0.21	90.75	0.00	6.34	0.00	0.00	4.01	0.00
107	5.69	0.00	0.00	0.06	0.00	0.16	0.53	0.70	0.25	90.00	0.00	5.69	0.00	0.00	3.60	0.00
108	13.53	0.00	0.00	0.08	0.00	0.49	0.53	0.50	0.26	84.53	0.00	13.53	0.00	0.00	8.55	0.00
109	6.36	0.73	0.00	0.29	0.00	0.00	0.61	0.53	0.95	90.43	0.00	6.36	0.00	0.00	4.02	0.00
110	0.80	0.06	0.08	0.00	0.00	0.00	0.39	0.14	0.19	98.28	0.00	0.79	0.17	0.00	0.50	0.05
111	0.98	0.19	0.00	0.12	0.00	0.00	0.86	0.06	0.50	98.44	0.00	0.98	0.00	0.00	0.62	0.00
112	7.98	0.00	0.00	0.06	0.00	0.26	0.56	0.07	0.32	90.50	0.00	7.98	0.00	0.00	5.04	0.00
113	0.45	0.07	0.00	0.31	0.00	0.00	0.65	0.05	0.53	96.97	0.00	0.45	0.00	0.00	0.28	0.00
114	0.00	0.00	0.00	0.29	0.03	0.31	1.41	0.10	0.42	95.13	0.00	0.00	0.00	0.00	0.17	0.00
115	0.47	0.00	0.00	0.07	0.00	0.15	0.82	0.11	0.53	96.89	0.00	0.47	0.00	0.00	0.30	0.00
116	0.00	0.00	0.00	0.10	0.41	0.06	1.32	0.23	0.20	97.09	0.00	0.00	0.00	0.00	0.03	0.00
117	10.77	20.76	0.82	0.00	0.00	0.00	14.57	6.55	-	24.42	40.17	0.00	3.80	10.67	6.81	0.00
118	15.90	22.55	1.76	0.00	0.00	0.00	2.28	17.76	-	23.69	55.38	1.05	8.19	0.00	10.05	0.00
119	0.28	0.85	3.49	0.00	0.00	0.00	14.18	13.25	2.95	61.95	0.00	0.27	-2.31	0.00	0.18	2.99
120	21.77	30.83	0.29	0.00	0.00	0.00	1.05	0.59	-	7.01	81.19	0.00	1.34	4.27	13.76	0.00
121	22.13	28.16	0.06	0.00	0.00	0.00	0.62	0.32	-	1.59	81.61	0.24	0.29	0.00	13.98	0.00
122	67.68	0.28	1.47	0.00	0.00	0.00	2.63	1.96	0.65	21.98	0.00	67.68	0.77	0.00	42.77	1.30
123	0.18	0.34	1.95	0.00	0.00	0.00	17.27	23.50	2.07	55.05	0.00	0.18	0.91	0.00	0.11	1.76
124	0.01	0.23	0.48	0.00	0.00	0.00	7.38	52.07	2.97	36.38	0.00	0.00	0.64	0.00	0.01	0.34

POCO PKC-18-SE

NUM	KCL	MGCL2	CACL2	HGSO4	NA2SO4	K2SO4	CASO4	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K2O	CACL2 SOBR
1	0.13	0.06	0.07	0.00	0.00	0.00	1.65	0.05	0.31	97.84	0.00	0.12	0.16	0.00	0.08	0.03
2	0.10	0.06	0.17	0.00	0.00	0.00	1.37	0.13	0.24	96.67	0.00	0.10	0.16	0.00	0.07	0.14
3	0.09	0.02	0.00	0.02	0.00	0.00	1.02	0.40	0.24	96.64	0.00	0.09	0.00	0.00	0.06	0.00
4	0.23	0.27	0.66	0.00	0.00	0.00	1.37	6.91	1.30	89.07	0.00	0.22	0.74	0.00	0.14	0.51
5	31.10	0.28	0.25	0.00	0.00	0.00	2.11	10.50	1.26	53.85	0.00	31.10	0.75	0.00	19.65	0.09
6	1.72	0.50	0.66	0.00	0.00	0.00	1.66	17.87	2.09	75.27	0.00	1.72	1.36	0.00	1.09	0.36
7	0.14	0.04	0.37	0.00	0.00	0.00	1.14	0.17	0.30	97.65	0.00	0.13	0.11	0.00	0.09	0.35
8	1.72	0.24	0.30	0.00	0.00	0.00	1.06	8.14	1.57	86.64	0.00	1.72	0.64	0.00	1.09	0.16
9	32.47	0.00	0.00	0.32	0.00	0.94	0.16	12.02	1.31	51.37	0.00	32.47	0.00	0.00	20.52	0.00
10	33.57	0.14	0.16	0.00	0.00	0.00	1.37	5.37	0.90	57.34	0.00	33.56	0.38	0.00	21.21	0.07
11	35.02	0.26	0.33	0.00	0.00	0.00	1.15	9.17	1.11	52.10	0.00	35.01	0.70	0.00	22.13	0.19
12	0.82	0.11	0.42	0.00	0.00	0.00	0.92	1.44	0.57	95.65	0.00	0.82	0.31	0.00	0.52	0.35
13	35.47	0.36	0.82	0.00	0.00	0.00	1.00	12.50	2.04	46.90	0.00	35.46	0.99	0.00	22.41	0.60
14	3.19	0.05	0.00	0.11	0.00	0.00	0.87	1.29	0.51	94.32	0.00	3.19	0.00	0.00	2.02	0.00
15	41.99	0.00	0.00	0.02	0.00	0.47	0.24	0.10	0.27	57.49	0.00	41.99	0.00	0.00	26.54	0.00
16	47.14	0.02	0.00	0.00	0.00	0.00	0.33	0.23	0.15	49.94	0.00	47.14	0.00	0.00	29.79	0.00
17	40.72	0.02	0.08	0.00	0.00	0.00	0.07	0.20	0.13	56.52	0.00	40.72	0.06	0.00	25.77	0.07
18	32.53	0.01	0.05	0.00	0.00	0.00	0.07	0.13	0.09	65.39	0.00	32.53	0.03	0.00	20.56	0.04
19	49.43	0.01	0.00	0.00	0.00	0.00	0.22	0.11	0.09	48.62	0.00	49.43	0.02	0.00	31.24	0.00
20	45.29	0.02	0.10	0.00	0.00	0.00	0.24	0.17	0.12	53.26	0.00	45.28	0.04	0.00	28.62	0.09
21	45.34	0.00	0.00	0.01	0.00	0.16	0.01	0.14	0.10	52.50	0.00	45.34	0.00	0.00	28.65	0.00
22	25.78	0.05	0.08	0.00	0.00	0.00	0.31	0.84	0.21	70.95	0.00	25.77	0.14	0.00	16.29	0.05
23	35.20	0.03	0.12	0.00	0.00	0.00	0.54	0.42	0.15	62.37	0.00	35.20	0.09	0.00	22.25	0.10
24	33.00	0.01	0.00	0.01	0.00	0.00	0.21	0.21	0.11	65.07	0.00	33.00	0.00	0.00	20.85	0.00
25	24.96	0.17	0.00	0.10	0.00	0.00	2.36	4.55	1.08	66.00	0.00	24.96	0.00	0.00	15.77	0.00
26	39.30	0.03	0.11	0.00	0.00	0.00	0.21	0.41	0.23	59.72	0.00	39.29	0.08	0.00	24.83	0.10
27	30.21	0.10	0.43	0.00	0.00	0.00	1.02	3.09	0.91	63.84	0.00	30.21	0.26	0.00	19.09	0.37
28	0.27	0.11	0.06	0.00	0.00	0.00	1.05	2.00	0.97	95.22	0.00	0.27	0.28	0.00	0.17	0.00
29	0.19	0.07	0.10	0.00	0.00	0.00	0.68	1.13	0.62	96.38	0.00	0.18	0.19	0.00	0.12	0.06
30	0.17	0.15	0.29	0.00	0.00	0.00	1.13	2.31	0.95	93.06	0.00	0.17	0.40	0.00	0.11	0.21
31	0.09	0.00	0.00	0.05	0.00	0.00	0.78	0.42	0.39	98.25	0.00	0.09	0.00	0.00	0.06	0.00
32	0.16	0.20	0.92	0.00	0.00	0.00	1.49	5.86	1.89	86.89	0.00	0.16	0.55	0.00	0.10	0.80
33	0.09	0.07	0.30	0.00	0.00	0.00	0.39	1.39	0.47	96.50	0.00	0.09	0.19	0.00	0.06	0.26
34	0.08	0.03	0.37	0.00	0.00	0.00	0.42	0.90	0.20	97.80	0.00	0.07	0.09	0.00	0.05	0.35
35	0.18	0.08	0.44	0.00	0.00	0.00	0.35	1.55	0.45	96.09	0.00	0.17	0.22	0.00	0.11	0.39
36	0.36	0.01	0.26	0.00	0.00	0.00	0.28	0.00	0.14	97.96	0.00	0.36	0.04	0.00	0.23	0.25
37	0.74	0.02	0.11	0.00	0.00	0.00	0.41	0.35	0.18	97.94	0.00	0.73	0.07	0.00	0.47	0.10
38	0.09	0.03	0.35	0.00	0.00	0.00	0.39	0.86	0.29	97.94	0.00	0.09	0.09	0.00	0.06	0.33
39	0.09	0.03	0.16	0.00	0.00	0.00	0.17	0.02	0.18	99.16	0.00	0.09	0.07	0.00	0.06	0.15
40	0.10	0.09	0.42	0.00	0.00	0.00	0.54	2.17	0.38	94.83	0.00	0.10	0.26	0.00	0.06	0.36
41	0.34	0.05	0.13	0.00	0.00	0.00	0.26	0.34	0.35	97.87	0.00	0.33	0.13	0.00	0.21	0.10
42	0.20	0.06	0.20	0.00	0.00	0.00	0.39	0.73	0.25	98.43	0.00	0.19	0.17	0.00	0.13	0.17
43	0.11	0.06	0.24	0.00	0.00	0.00	0.47	0.87	0.27	95.60	0.00	0.10	0.15	0.00	0.07	0.20
44	0.13	0.16	0.64	0.00	0.00	0.00	0.39	3.34	0.44	93.09	0.00	0.12	0.45	0.00	0.08	0.55
45	0.12	0.04	0.94	0.00	0.00	0.00	0.28	1.62	0.29	94.78	0.00	0.12	0.11	0.00	0.08	0.92
46	0.05	0.01	0.06	0.00	0.00	0.00	0.51	0.18	0.12	96.82	0.00	0.05	0.02	0.00	0.03	0.06
47	0.00	0.00	0.00	0.02	0.13	0.07	0.76	0.32	0.08	98.49	0.00	0.00	0.00	0.00	0.04	0.00
48	0.03	0.00	0.00	0.01	0.00	0.04	0.41	0.10	0.27	98.54	0.00	0.03	0.09	0.00	0.02	0.00
49	0.11	0.02	0.00	0.00	0.00	0.00	0.45	0.11	0.15	97.20	0.00	0.11	0.02	0.00	0.07	0.00
50	0.01	0.00	0.00	0.01	0.00	0.06	0.46	0.12	0.27	98.80	0.00	0.01	0.09	0.00	0.01	0.00
51	0.04	0.00	0.00	0.05	0.00	0.04	0.67	0.12	0.13	97.64	0.00	0.04	0.09	0.00	0.03	0.00
52	0.00	0.00	0.00	0.03	0.42	0.06	4.15	1.41	0.55	92.49	0.00	0.00	0.00	0.00	0.03	0.00
53	0.09	0.04	0.44	0.00	0.00	0.00	0.96	0.20	0.15	97.18	0.00	0.08	0.10	0.00	0.05	0.42
54	0.09	0.00	0.05	0.00	0.00	0.00	0.62	0.32	0.72	96.49	0.00	0.09	0.01	0.00	0.06	0.05
55	0.06	0.10	0.00	0.03	0.00	0.00	0.24	0.05	0.44	96.75	0.00	0.06	0.00	0.00	0.04	0.00

56	0.08	0.05	0.07	0.00	0.00	0.00	1.16	1.62	0.66	96.40	0.00	0.08	0.14	0.00	0.05	0.04
57	0.11	0.04	0.00	0.04	0.00	0.00	1.43	0.45	0.94	94.90	0.00	0.11	0.00	0.00	0.07	0.00
58	0.11	0.05	0.00	0.01	0.00	0.00	0.50	0.09	0.61	98.31	0.00	0.11	0.00	0.00	0.07	0.00
59	0.20	0.11	0.00	0.06	0.00	0.00	0.44	0.08	0.85	96.92	0.00	0.20	0.00	0.00	0.12	0.00
60	0.14	0.10	0.02	0.00	0.00	0.00	0.42	0.08	0.72	97.47	0.00	0.14	0.11	0.00	0.09	0.00
61	0.10	0.06	0.16	0.00	0.00	0.00	2.14	0.90	0.26	94.56	0.00	0.09	0.17	0.00	0.06	0.12
62	0.28	0.15	0.36	0.00	0.00	0.00	0.91	0.41	0.97	95.75	0.00	0.27	0.42	0.00	0.17	0.27
63	1.06	0.37	0.56	0.00	0.00	0.00	7.33	14.60	3.72	72.78	0.00	1.06	1.01	0.00	0.67	0.35
64	42.58	0.09	0.19	0.00	0.00	0.00	0.47	2.06	0.62	53.65	0.00	42.58	0.25	0.00	26.91	0.14
65	46.63	0.06	0.09	0.00	0.00	0.00	0.54	1.15	0.36	48.69	0.00	46.62	0.15	0.00	29.47	0.06
66	27.37	0.02	0.00	0.05	0.00	0.00	1.40	1.98	0.43	67.85	0.00	27.37	0.00	0.00	17.30	0.00
67	13.46	0.21	1.15	0.00	0.00	0.00	1.94	12.03	1.40	67.75	0.00	13.45	0.58	0.00	8.50	1.03
68	43.16	0.18	0.73	0.00	0.00	0.00	0.61	4.25	0.82	49.29	0.00	43.15	0.49	0.00	27.27	0.63
69	47.95	0.04	0.11	0.00	0.00	0.00	0.23	0.44	0.07	49.25	0.00	47.94	0.11	0.00	30.30	0.08
70	43.65	0.21	0.78	0.00	0.00	0.00	0.54	4.35	1.00	48.82	0.00	43.65	0.58	0.00	27.59	0.66
71	7.69	10.90	2.43	0.00	0.00	0.00	1.77	7.85	-	51.09	17.49	3.00	11.34	0.00	4.86	0.00
72	0.02	35.43	20.69	0.00	0.00	0.00	0.01	0.08	-	0.18	0.00	0.01	96.20	0.00	0.01	0.06
73	16.31	20.69	1.63	0.00	0.00	0.00	0.43	4.55	-	26.31	49.55	3.02	7.59	0.00	10.31	0.00
74	0.05	35.55	20.76	0.00	0.00	0.00	0.00	0.08	0.64	0.54	0.00	0.04	96.53	0.00	0.03	0.06
75	9.62	13.66	2.30	0.00	0.00	0.00	1.16	9.09	1.59	45.66	26.23	2.59	10.72	0.00	6.08	0.00
76	9.43	28.82	9.51	0.00	0.00	0.00	0.35	1.72	-	13.12	34.98	0.05	44.37	0.00	5.96	0.00
77	4.74	7.32	4.75	0.00	0.00	0.00	1.18	11.10	-	59.35	0.00	4.74	19.88	0.00	3.00	0.49
78	0.02	34.21	20.50	0.00	0.00	0.00	0.00	0.32	-	1.05	0.00	0.01	92.90	0.00	0.01	0.57
79	10.10	16.88	5.11	0.00	0.00	0.00	0.67	7.73	-	37.13	23.32	3.84	23.83	0.00	6.38	0.00
80	6.15	9.47	4.45	0.00	0.00	0.00	1.54	12.34	-	51.10	2.91	5.37	20.73	0.00	3.89	0.00
81	0.00	35.53	20.75	0.00	0.00	0.00	0.00	0.25	-	0.32	0.00	0.00	96.48	0.00	0.00	0.06
82	3.57	6.10	7.32	0.00	0.00	0.00	1.17	14.40	-	54.41	0.00	3.56	16.57	0.00	2.25	3.76
94	14.03	24.23	5.53	0.00	0.00	0.00	0.69	5.02	-	21.16	40.80	3.14	25.78	0.00	8.90	0.00
95	0.72	34.46	19.95	0.00	0.00	0.00	0.02	0.52	-	2.35	0.00	0.72	93.02	0.00	0.45	0.00
96	14.88	18.85	1.26	0.00	0.00	0.00	2.14	8.78	-	31.24	46.63	2.37	5.87	0.00	9.40	0.00
97	0.06	35.58	20.42	0.00	0.00	0.00	0.02	0.60	-	1.27	0.00	0.06	95.20	0.00	0.04	0.00
98	0.02	35.73	20.48	0.00	0.00	0.00	0.01	0.23	-	0.79	0.00	0.02	95.49	0.00	0.01	0.00
99	1.17	34.72	19.61	0.00	0.00	0.00	0.02	0.36	-	1.71	2.91	0.38	91.45	0.00	0.74	0.00
100	2.69	27.27	12.58	0.00	0.00	0.00	0.54	2.30	-	21.72	10.03	0.00	58.67	2.13	1.70	0.00
101	1.99	18.71	13.12	0.00	0.00	0.00	1.36	18.39	-	23.14	0.00	1.98	50.81	0.00	1.26	2.23
102	2.14	3.10	0.70	0.00	0.00	0.00	9.24	17.15	-	61.54	2.91	1.35	3.28	0.00	1.35	0.00
103	13.76	18.02	0.21	0.00	0.00	0.00	2.89	2.51	-	41.81	49.55	0.47	0.98	0.00	8.69	0.00
104	10.86	13.77	0.32	0.00	0.00	0.00	3.44	4.69	-	48.54	37.89	0.70	1.48	0.00	6.86	0.00
105	19.21	23.53	0.48	0.00	0.00	0.00	1.56	1.23	-	25.95	64.12	2.02	2.22	0.00	12.14	0.00
106	13.70	16.65	0.64	0.00	0.00	0.00	4.57	2.61	-	37.66	43.72	1.98	2.98	0.00	8.66	0.00
107	21.49	27.20	0.00	0.35	0.00	0.00	3.45	2.06	-	13.37	78.69	0.38	0.00	0.00	13.58	0.00
108	0.31	2.00	1.47	0.00	0.00	0.00	9.19	38.40	1.63	46.04	0.00	0.30	5.43	0.00	0.19	0.31
109	0.40	0.19	0.23	0.00	0.00	0.00	1.87	79.44	1.99	15.96	0.00	0.39	0.53	0.00	0.25	0.11

POCO PKC-21-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K2O	CACL2 SOBRA
1	0.77	0.09	0.06	0.00	0.00	0.00	0.33	0.01	0.29	98.58	0.00	0.77	0.26	0.00	0.49	0.01
2	0.05	0.30	0.00	0.00	0.00	0.00	0.37	0.00	0.13	98.57	0.00	0.05	0.00	0.00	0.03	0.00
3	0.08	0.03	0.00	0.04	0.00	0.00	0.63	0.00	0.14	98.20	0.00	0.08	0.00	0.00	0.05	0.00
4	0.00	0.00	0.00	0.06	0.32	0.09	0.69	0.00	0.05	98.72	0.00	0.00	0.00	0.00	0.05	0.00
5	0.14	0.06	0.24	0.00	0.00	0.00	1.06	0.66	0.13	97.38	0.00	0.13	0.15	0.00	0.09	0.21
6	0.35	0.14	0.03	0.00	0.00	0.00	1.51	0.00	0.25	98.61	0.00	0.35	0.14	0.00	0.22	0.00
7	0.64	0.12	0.30	0.00	0.00	0.00	0.85	0.00	0.34	96.72	0.00	0.64	0.33	0.00	0.41	0.23
8	0.44	0.00	0.00	0.10	0.00	0.05	0.80	0.15	0.28	98.29	0.00	0.44	0.00	0.00	0.28	0.00
9	0.65	0.28	0.06	0.00	0.00	0.00	1.25	10.34	1.25	85.76	0.00	0.65	0.28	0.00	0.41	0.00
10	0.15	0.04	0.00	0.00	0.00	0.00	0.54	0.05	0.16	98.75	0.00	0.15	0.02	0.00	0.10	0.00
11	41.55	0.04	0.58	0.00	0.00	0.00	0.54	0.79	0.13	53.99	0.00	41.55	0.12	0.00	26.26	0.55
12	51.53	0.00	0.00	0.03	0.00	0.33	0.77	0.17	0.06	45.13	0.00	51.53	0.00	0.00	32.56	0.00
13	48.67	0.04	0.00	0.00	0.00	0.00	0.51	0.32	0.23	49.33	0.00	48.67	0.00	0.00	30.76	0.00
14	35.58	0.05	2.11	0.00	0.00	0.00	0.30	0.35	0.20	59.75	0.00	35.58	0.12	0.00	22.49	2.09
15	19.82	2.03	0.00	0.22	0.00	0.00	1.39	4.18	1.20	70.85	5.83	18.26	0.00	0.00	12.53	0.00
16	37.60	0.06	0.07	0.00	0.00	0.00	0.54	0.74	0.25	58.28	0.00	37.59	0.17	0.00	23.76	0.03
17	46.27	0.00	0.00	0.02	0.00	0.14	0.18	0.22	0.43	51.34	0.00	46.27	0.00	0.00	29.24	0.00
18	42.77	0.06	0.18	0.00	0.00	0.00	0.53	0.66	0.67	52.15	0.00	42.77	0.17	0.00	27.03	0.14
19	46.58	0.00	0.00	0.03	0.00	0.00	0.30	0.08	0.04	52.31	0.00	46.58	0.00	0.00	29.44	0.00
20	23.04	0.01	0.00	0.39	0.00	0.00	1.55	4.31	1.75	67.96	0.00	23.04	0.00	0.00	14.56	0.00
21	52.96	0.00	0.00	0.03	0.00	0.09	0.53	0.30	0.07	45.83	0.00	52.96	0.00	0.00	33.47	0.00
22	40.50	0.00	0.00	0.06	0.00	0.45	0.84	0.49	0.18	56.50	0.00	40.50	0.00	0.00	25.60	0.00
23	57.54	0.00	0.00	0.02	0.00	0.61	0.09	0.15	0.06	40.15	0.00	57.54	0.00	0.00	36.37	0.00
24	45.79	0.00	0.00	0.17	0.00	0.01	1.80	2.40	0.61	48.66	0.00	45.79	0.00	0.00	28.94	0.00
25	51.30	0.00	0.00	0.03	0.00	0.03	0.45	0.31	0.22	47.29	0.00	51.30	0.00	0.00	32.42	0.00
26	53.40	0.01	0.03	0.00	0.00	0.00	0.03	0.16	0.30	44.24	0.00	53.39	0.03	0.00	33.75	0.03
27	51.59	0.04	0.07	0.00	0.00	0.00	0.05	0.44	0.25	46.33	0.00	51.59	0.11	0.00	32.60	0.04
28	43.61	0.28	0.51	0.00	0.00	0.00	0.46	4.03	1.17	48.39	0.00	43.60	0.75	0.00	27.56	0.35
29	53.41	0.02	0.06	0.00	0.00	0.00	0.15	0.14	0.29	44.28	0.00	53.41	0.04	0.00	33.76	0.05
30	44.46	0.02	0.05	0.00	0.00	0.00	0.16	0.18	0.30	53.91	0.00	44.46	0.05	0.00	28.10	0.04
31	52.27	0.01	0.03	0.00	0.00	0.00	0.01	0.07	0.28	47.79	0.00	52.27	0.03	0.00	33.04	0.03
32	35.14	0.18	0.33	0.00	0.00	0.00	1.07	1.99	0.64	60.40	0.00	35.14	0.48	0.00	22.21	0.23
33	49.74	0.03	0.06	0.00	0.00	0.00	0.31	0.16	0.33	49.76	0.00	49.74	0.07	0.00	31.44	0.05
34	56.25	0.01	0.00	0.01	0.00	0.00	0.40	0.09	0.56	41.15	0.00	56.25	0.00	0.00	35.55	0.00
35	52.28	0.02	0.03	0.00	0.00	0.00	0.67	0.20	0.52	43.54	0.00	52.28	0.05	0.00	33.04	0.02
36	51.21	0.04	0.09	0.00	0.00	0.00	0.36	0.40	0.49	47.06	0.00	51.20	0.11	0.00	32.36	0.06
37	7.43	0.69	0.15	0.00	0.00	0.00	2.53	8.42	2.76	77.66	0.00	7.43	0.70	0.00	4.70	0.00
38	0.38	0.50	0.70	0.00	0.00	0.00	1.36	5.55	2.20	88.72	0.00	0.38	1.36	0.00	0.24	0.41
39	0.16	0.04	0.00	0.04	0.00	0.00	0.41	0.79	0.34	98.09	0.00	0.16	0.00	0.00	0.10	0.00
40	13.31	0.19	0.35	0.00	0.00	0.00	1.01	1.84	0.62	81.04	0.00	13.30	0.51	0.00	8.41	0.24
41	55.03	0.02	0.02	0.00	0.00	0.00	0.31	0.30	0.12	42.47	0.00	55.03	0.05	0.00	34.78	0.01
42	64.89	0.00	0.00	0.01	0.00	0.00	0.39	0.19	0.09	33.64	0.00	64.89	0.00	0.00	41.01	0.00
43	44.99	0.05	0.07	0.00	0.00	0.00	0.46	1.16	0.30	50.58	0.00	44.98	0.15	0.00	28.43	0.04
44	23.48	0.02	0.04	0.00	0.00	0.00	0.48	0.30	0.22	74.97	0.00	23.47	0.06	0.00	14.84	0.03
45	49.54	0.02	0.05	0.00	0.00	0.00	0.49	0.44	0.10	47.21	0.00	49.54	0.06	0.00	31.31	0.03
46	11.37	0.05	0.01	0.00	0.00	0.00	0.74	0.96	0.14	85.85	0.00	11.37	0.07	0.00	7.19	0.00
47	41.19	0.02	0.53	0.00	0.00	0.00	0.94	0.34	0.11	55.64	0.00	41.19	0.06	0.00	26.03	0.52
48	5.96	0.09	0.04	0.00	0.00	0.00	0.83	1.95	0.16	90.10	0.00	5.96	0.19	0.00	3.77	0.00
49	50.66	0.02	0.09	0.00	0.00	0.00	0.28	0.42	0.07	45.66	0.00	50.66	0.05	0.00	32.02	0.08
50	4.07	0.00	0.00	0.14	0.00	0.64	0.77	2.35	0.53	90.20	0.00	4.07	0.00	0.00	2.57	0.00
51	10.22	0.00	0.00	0.08	0.00	0.45	0.57	0.75	0.21	86.84	0.00	10.22	0.00	0.00	6.46	0.00
52	37.53	0.03	0.00	0.05	0.00	0.00	0.30	1.08	0.26	59.60	0.00	37.53	0.00	0.00	23.72	0.00

53	1.13	0.51	0.09	0.00	0.00	0.00	0.40	0.02	0.10	96.08	0.00	1.13	0.43	0.00	0.72	0.00
54	2.01	0.03	0.00	0.43	0.00	0.00	0.53	0.34	0.78	95.03	0.00	2.01	0.00	0.00	1.27	0.00
55	47.96	0.00	0.00	0.09	0.00	0.27	0.69	1.42	0.30	46.73	0.00	47.96	0.00	0.00	30.31	0.00
56	15.62	0.00	0.00	0.07	0.00	0.31	0.76	0.94	0.35	81.14	0.00	15.62	0.00	0.00	9.87	0.00
57	1.69	0.53	0.00	0.15	0.00	0.00	0.47	0.50	1.34	95.25	0.00	1.69	0.00	0.00	1.07	0.00
58	1.07	0.47	0.00	0.13	0.00	0.00	0.39	0.01	1.02	94.78	0.00	1.07	0.00	0.00	0.68	0.00
59	3.64	0.33	0.00	0.14	0.00	0.00	0.48	0.41	0.83	93.58	0.00	3.64	0.00	0.00	2.30	0.00
60	26.13	0.03	0.00	0.09	0.00	0.00	0.39	0.80	0.15	71.94	0.00	26.13	0.00	0.00	16.51	0.00
61	6.46	0.14	0.00	0.22	0.00	0.00	0.66	0.72	0.48	88.56	0.00	6.46	0.00	0.00	4.08	0.00
62	28.73	0.07	0.00	0.09	0.00	0.00	0.88	1.18	0.22	68.38	0.00	28.73	0.00	0.00	18.16	0.00
63	1.22	0.81	0.00	0.07	0.00	0.00	0.69	1.46	0.95	94.69	0.00	1.22	0.00	0.00	0.77	0.00
64	1.36	0.75	0.07	0.00	0.00	0.00	0.28	0.02	0.74	95.24	0.00	1.36	0.35	0.00	0.86	0.00
65	33.62	0.21	0.23	0.00	0.00	0.00	0.82	3.54	0.53	58.41	0.00	33.62	0.58	0.00	21.25	0.10
66	9.63	1.69	0.00	0.04	0.00	0.00	0.86	0.84	1.80	82.85	2.91	8.85	0.00	0.00	6.09	0.00
67	5.00	0.56	0.00	0.19	0.00	0.00	0.60	0.44	0.77	89.67	0.00	5.00	0.00	0.00	3.16	0.00
68	43.55	0.11	0.58	0.00	0.00	0.00	0.71	0.52	0.26	52.52	0.00	43.55	0.29	0.00	27.52	0.51
69	0.31	0.16	0.04	0.00	0.00	0.00	0.57	1.28	0.55	94.70	0.00	0.31	0.17	0.00	0.20	0.00
70	0.69	0.37	0.07	0.00	0.00	0.00	0.77	0.95	1.07	94.72	0.00	0.69	0.32	0.00	0.44	0.00
71	0.82	0.72	0.18	0.00	0.00	0.00	0.63	5.58	1.81	88.48	0.00	0.82	0.85	0.00	0.52	0.00
72	25.21	0.13	0.00	0.07	0.00	0.00	0.43	0.63	0.53	70.25	0.00	25.21	0.00	0.00	15.93	0.00
73	2.55	0.41	0.00	0.03	0.00	0.00	0.53	0.87	0.69	92.04	0.00	2.55	0.00	0.00	1.61	0.00
74	0.38	0.24	0.00	0.03	0.00	0.00	0.35	0.36	0.64	96.23	0.00	0.38	0.00	0.00	0.24	0.00
75	0.22	0.05	0.00	0.43	0.00	0.00	1.95	10.60	1.48	83.51	0.00	0.22	0.00	0.00	0.14	0.00
76	0.20	0.12	0.05	0.00	0.00	0.00	1.08	0.12	0.44	97.62	0.00	0.20	0.23	0.00	0.13	0.00
77	0.00	0.00	0.00	0.04	0.18	0.12	0.66	0.48	0.23	97.04	0.00	0.00	0.00	0.00	0.07	0.00
78	0.33	0.21	0.03	0.00	0.00	0.00	0.31	0.46	0.43	95.94	0.00	0.33	0.15	0.00	0.21	0.00
79	0.11	0.01	0.18	0.00	0.00	0.00	0.21	0.13	0.18	98.70	0.00	0.10	0.04	0.00	0.07	0.18

POCO PKC-26-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
1	10.51	0.17	0.15	0.00	0.00	0.00	1.41	3.74	0.61	83.03	0.00	10.50	0.46	0.00	6.64	0.05
2	48.96	0.03	0.11	0.00	0.00	0.00	0.23	0.56	0.13	49.08	0.00	48.96	0.08	0.00	30.94	0.09
3	7.54	0.12	0.24	0.00	0.00	0.00	0.50	2.14	0.47	88.72	0.00	7.53	0.34	0.00	4.76	0.17
4	40.33	0.03	0.08	0.00	0.00	0.00	0.18	0.49	0.15	58.93	0.00	40.32	0.09	0.00	25.49	0.06
5	1.72	0.06	0.16	0.00	0.00	0.00	0.31	0.21	0.20	97.07	0.00	1.71	0.15	0.00	1.08	0.12
6	49.88	0.05	0.22	0.00	0.00	0.00	0.16	0.94	0.22	48.45	0.00	49.88	0.13	0.00	31.53	0.19
7	18.21	0.07	0.21	0.00	0.00	0.00	0.31	0.66	0.17	80.02	0.00	18.20	0.20	0.00	11.51	0.16
8	2.33	0.06	0.05	0.00	0.00	0.00	0.48	0.29	0.18	94.87	0.00	2.32	0.15	0.00	1.47	0.02
9	12.22	0.10	0.09	0.00	0.00	0.00	0.52	1.74	0.41	82.95	0.00	12.22	0.26	0.00	7.72	0.03
10	1.11	0.04	0.17	0.00	0.00	0.00	0.24	0.26	0.16	95.94	0.00	1.11	0.11	0.00	0.70	0.15
11	7.45	0.10	0.17	0.00	0.00	0.00	0.48	1.47	0.35	88.26	0.00	7.44	0.26	0.00	4.71	0.11
12	34.14	0.04	0.17	0.00	0.00	0.00	0.21	0.28	0.19	63.16	0.00	34.13	0.10	0.00	21.57	0.14
13	1.92	0.09	0.10	0.00	0.00	0.00	0.46	2.40	0.49	94.04	0.00	1.91	0.26	0.00	1.21	0.05
14	0.14	0.21	1.05	0.00	0.00	0.00	1.05	6.44	1.41	88.17	0.00	0.13	0.57	0.00	0.09	0.93
15	0.00	0.00	0.00	0.05	0.05	0.09	0.66	0.12	0.22	97.20	0.00	0.00	0.00	0.00	0.05	0.00
16	0.17	0.05	0.19	0.00	0.00	0.00	0.48	0.08	0.28	97.32	0.00	0.17	0.15	0.00	0.11	0.16
17	0.24	0.03	0.18	0.00	0.00	0.00	0.23	0.08	0.23	97.17	0.00	0.23	0.07	0.00	0.15	0.16
18	0.21	0.00	0.00	0.05	0.00	0.03	0.55	0.06	0.26	97.18	0.00	0.21	0.00	0.00	0.13	0.00

POCO SZ-13-SE

NUM	KCL	MGCL2	CACL2	MGS04	NA2S04	K2S04	CAS04	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K20	CACL2 SOBRA
1	0.09	0.06	0.24	0.00	0.00	0.00	0.36	3.34	0.32	93.74	0.00	0.08	0.16	0.00	0.06	0.21
2	0.13	0.06	0.29	0.00	0.00	0.00	0.22	2.11	0.34	95.81	0.00	0.12	0.16	0.00	0.08	0.26
3	0.12	0.06	0.08	0.00	0.00	0.00	0.19	0.42	0.18	98.38	0.00	0.12	0.16	0.00	0.08	0.05
4	20.43	0.05	0.36	0.00	0.00	0.00	0.12	1.96	0.18	74.73	0.00	20.43	0.13	0.00	12.91	0.33
5	37.43	0.04	0.47	0.00	0.00	0.00	0.18	0.95	0.23	57.87	0.00	37.42	0.10	0.00	23.65	0.45
6	0.88	0.10	0.56	0.00	0.00	0.00	0.72	6.60	0.59	88.78	0.00	0.87	0.28	0.00	0.56	0.50
7	42.77	0.00	0.00	0.04	0.00	0.10	0.07	0.73	0.08	53.17	0.00	42.77	0.00	0.00	27.03	0.00
8	0.42	0.04	0.38	0.00	0.00	0.00	0.35	1.52	0.16	97.61	0.00	0.42	0.11	0.00	0.27	0.36
9	0.09	0.00	0.00	0.03	0.00	0.00	0.75	0.15	0.08	96.85	0.00	0.09	0.00	0.00	0.06	0.00
10	0.12	0.05	0.26	0.00	0.00	0.00	0.36	1.77	0.31	95.42	0.00	0.11	0.13	0.00	0.08	0.23
11	14.93	0.37	0.45	0.00	0.00	0.00	9.83	50.40	2.82	21.52	0.00	14.92	1.00	0.00	9.43	0.23
12	50.00	0.00	0.00	0.30	0.00	0.45	6.42	18.20	1.03	23.15	0.00	50.00	0.00	0.00	31.60	0.00
13	56.72	0.00	0.00	0.28	0.00	0.30	4.43	14.17	0.74	23.06	0.00	56.72	0.00	0.00	35.84	0.00
14	59.18	0.18	0.26	0.00	0.00	0.00	1.81	9.50	0.84	25.93	0.00	59.17	0.49	0.00	37.40	0.15
15	30.24	0.16	0.63	0.00	0.00	0.00	2.58	14.42	0.38	51.91	0.00	30.23	0.43	0.00	19.11	0.53

POCO SRL- 2-SE

NUM	KCL	MGCL2	CACL2	HGSD4	NA2SO4	K2SO4	CASO4	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K2O	CACL2 SOBRA
1	54.92	0.02	0.01	0.00	0.00	0.00	0.20	0.11	0.17	41.84	0.00	54.92	0.04	0.00	34.71	0.00
2	11.84	0.09	0.17	0.00	0.00	0.00	0.46	0.08	0.55	85.12	0.00	11.83	0.25	0.00	7.48	0.12
3	37.10	0.32	0.43	0.00	0.00	0.00	0.29	11.99	1.42	47.92	0.00	37.09	0.86	0.00	23.44	0.24
4	40.20	0.03	0.21	0.00	0.00	0.00	0.29	0.44	0.44	57.36	0.00	40.19	0.08	0.00	25.40	0.20
5	50.20	0.01	0.00	0.00	0.00	0.00	0.15	0.07	0.15	49.73	0.00	50.20	0.01	0.00	31.72	0.00
6	41.43	0.00	0.00	0.01	0.00	0.07	0.11	0.31	0.13	55.51	0.00	41.43	0.00	0.00	26.18	0.00
7	51.95	0.03	0.00	0.00	0.00	0.00	0.77	0.52	1.76	44.85	0.00	51.95	0.00	0.00	32.83	0.00
8	48.37	0.05	0.05	0.00	0.00	0.00	0.23	0.42	0.30	50.74	0.00	48.36	0.14	0.00	30.57	0.02
9	33.23	0.00	0.00	0.09	0.00	0.09	0.29	1.04	0.15	61.08	0.00	33.23	0.00	0.00	21.00	0.00
10	51.82	0.00	0.00	0.09	0.00	0.05	0.44	0.73	0.02	46.22	0.00	51.82	0.00	0.00	32.75	0.00
11	46.94	0.03	0.00	0.00	0.00	0.00	0.08	0.27	0.05	51.69	0.00	46.94	0.00	0.00	29.66	0.00
13	54.40	0.00	0.00	0.05	0.00	0.05	0.00	0.40	0.07	43.21	0.00	54.40	0.00	0.00	34.38	0.00
12	51.66	0.04	0.00	0.00	0.00	0.00	0.13	0.32	0.04	47.15	0.00	51.66	0.02	0.00	32.65	0.00
14	42.78	0.22	0.58	0.00	0.00	0.00	0.71	2.99	0.73	49.16	0.00	42.77	0.59	0.00	27.03	0.45
15	36.25	0.00	0.00	0.05	0.00	0.12	0.28	1.23	0.20	60.16	0.00	36.25	0.00	0.00	22.91	0.00
16	52.38	0.08	0.00	0.01	0.00	0.00	0.25	1.39	0.21	47.73	0.00	52.38	0.00	0.00	33.10	0.00
17	7.22	0.21	0.49	0.00	0.00	0.00	0.53	5.50	1.04	83.56	0.00	7.22	0.58	0.00	4.56	0.37
18	44.78	0.05	0.02	0.00	0.00	0.00	0.11	0.56	0.22	51.35	0.00	44.78	0.11	0.00	28.30	0.00
19	49.37	0.00	0.00	0.03	0.00	0.01	0.20	0.39	0.20	50.51	0.00	49.37	0.00	0.00	31.20	0.00
20	48.22	0.06	0.04	0.00	0.00	0.00	0.07	0.48	0.30	50.91	0.00	48.22	0.16	0.00	30.48	0.00
21	55.92	0.04	0.01	0.00	0.00	0.00	0.24	0.18	0.38	41.36	0.00	55.92	0.05	0.00	35.34	0.00
22	50.77	0.03	0.00	0.00	0.00	0.00	0.08	0.18	0.25	47.21	0.00	50.77	0.00	0.00	32.08	0.00
23	49.79	0.02	0.02	0.00	0.00	0.00	0.02	0.04	0.23	47.64	0.00	49.79	0.06	0.00	31.47	0.01
24	49.34	0.03	0.05	0.00	0.00	0.00	0.13	0.24	0.21	50.71	0.00	49.33	0.09	0.00	31.18	0.03
25	57.13	0.02	0.02	0.00	0.00	0.00	0.14	0.07	0.25	39.49	0.00	57.12	0.05	0.00	36.10	0.00
26	35.57	0.04	0.00	0.03	0.00	0.00	0.22	0.96	0.24	61.81	0.00	35.57	0.00	0.00	22.48	0.00
27	2.63	0.51	0.29	0.00	0.00	0.00	1.99	8.25	2.07	83.18	0.00	2.63	1.35	0.00	1.66	0.00
28	0.17	0.00	0.00	0.07	0.00	0.02	0.19	0.71	0.16	98.30	0.00	0.17	0.00	0.00	0.11	0.00
29	0.08	0.00	0.00	0.06	0.00	0.15	0.27	0.64	0.09	97.30	0.00	0.08	0.00	0.00	0.05	0.00
30	0.00	0.00	0.00	0.07	0.00	0.08	2.35	1.33	0.12	94.39	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.06	1.26	0.05	4.01	2.93	0.09	91.44	0.00	0.00	0.00	0.00	0.03	0.00
32	0.04	0.03	0.56	0.00	0.00	0.00	5.90	4.57	0.10	87.10	0.00	0.03	0.09	0.00	0.02	0.54
33	0.00	0.00	0.00	0.05	2.64	0.04	6.35	2.87	0.15	88.60	0.00	0.00	0.00	0.00	0.02	0.00
34	0.00	0.00	0.00	0.03	1.18	0.03	3.39	2.75	0.17	92.81	0.00	0.00	0.00	0.00	0.02	0.00
35	0.00	0.00	0.00	0.05	0.51	0.04	3.97	3.28	0.33	92.20	0.00	0.00	0.00	0.00	0.02	0.27
36	0.03	0.02	0.29	0.00	0.00	0.00	3.52	5.14	0.23	91.40	0.00	0.03	0.06	0.00	0.02	0.27
37	0.04	0.03	1.48	0.00	0.00	0.00	5.88	14.63	0.43	77.60	0.00	0.03	0.08	0.00	0.02	1.47
38	0.13	0.08	0.00	0.00	0.00	0.00	0.98	0.13	0.23	97.12	0.00	0.13	0.00	0.00	0.08	0.00
39	0.07	0.00	0.00	0.09	0.00	0.22	0.29	0.23	0.15	97.01	0.00	0.07	0.00	0.00	0.04	0.00
40	0.19	0.10	0.08	0.00	0.00	0.00	0.93	1.88	0.28	95.03	0.00	0.18	0.27	0.00	0.12	0.02
41	0.34	0.10	0.40	0.00	0.00	0.00	1.00	0.16	0.23	96.36	0.00	0.34	0.28	0.00	0.22	0.34
42	0.01	0.05	0.13	0.00	0.00	0.00	0.71	0.17	0.23	96.78	0.00	0.01	0.14	0.00	0.01	0.09
43	2.56	0.01	0.08	0.00	0.00	0.00	0.43	0.08	0.28	96.66	0.00	2.56	0.04	0.00	1.62	0.07
44	0.98	0.17	0.25	0.00	0.00	0.00	0.63	0.13	0.45	97.34	0.00	0.98	0.46	0.00	0.62	0.15
45	0.69	0.07	0.25	0.00	0.00	0.00	0.36	1.30	0.27	94.70	0.00	0.69	0.20	0.00	0.44	0.20
46	1.15	0.02	0.00	0.03	0.00	0.00	0.25	0.55	0.27	97.13	0.00	1.15	0.00	0.00	0.73	0.00
47	0.26	0.04	0.06	0.00	0.00	0.00	0.48	0.69	0.31	97.82	0.00	0.26	0.11	0.00	0.16	0.04
48	0.22	0.00	0.00	0.02	0.00	0.24	0.24	0.16	0.19	96.57	0.00	0.22	0.00	0.00	0.14	0.00
49	0.35	0.02	0.04	0.00	0.00	0.00	1.93	0.27	0.03	95.85	0.00	0.35	0.06	0.00	0.22	0.03
50	0.30	0.15	0.06	0.00	0.00	0.00	0.52	0.31	0.79	96.11	0.00	0.30	0.30	0.00	0.19	0.00
51	0.19	0.04	0.00	0.10	0.00	0.00	0.47	0.15	0.14	96.61	0.00	0.19	0.00	0.00	0.12	0.00
52	0.10	0.03	0.16	0.00	0.00	0.00	0.41	0.06	0.03	97.10	0.00	0.10	0.09	0.00	0.06	0.14
53	0.09	0.04	0.42	0.00	0.00	0.00	0.91	0.08	0.05	96.38	0.00	0.09	0.10	0.00	0.06	0.40
54	0.06	0.03	0.38	0.00	0.00	0.00	0.52	0.10	0.07	97.09	0.00	0.06	0.08	0.00	0.04	0.37
55	0.05	0.04	0.00	0.04	0.00	0.00	0.74	0.78	0.14	97.91	0.00	0.05	0.00	0.00	0.03	0.00

56 0.05 0.04 0.01 0.00 0.00 0.00 0.49 0.32 0.10 97.55 0.00 0.05 0.06 0.00 0.03 0.00

POCO JU- 1-SE

NUM	KCL	MGCL2	CACL2	MGSO4	NA2SO4	K2SO4	CASO4	RI	UMID	NACL	CARN	SILV	TACH	BISCH	K2O	CACL2 SOBRA
1	2.59	0.07	0.50	0.00	0.00	0.00	2.15	4.52	0.93	87.55	0.00	2.59	0.19	0.00	1.64	0.46
2	26.43	0.03	0.00	0.01	0.00	0.00	1.99	0.82	0.22	69.67	0.00	26.43	0.00	0.00	16.70	0.00
3	10.87	0.00	0.00	0.08	0.00	0.12	2.11	2.76	0.39	82.88	0.00	10.87	0.00	0.00	6.87	0.00
4	0.95	0.00	0.00	0.01	0.00	0.69	1.41	0.14	0.15	94.67	0.00	0.95	0.00	0.00	0.60	0.00
5	23.53	0.03	0.02	0.00	0.00	0.00	1.98	0.75	0.20	72.38	0.00	23.53	0.09	0.00	14.87	0.00
6	7.11	0.11	0.35	0.00	0.00	0.00	1.61	3.76	0.71	84.06	0.00	7.10	0.30	0.00	4.49	0.28
7	53.16	0.03	0.09	0.00	0.00	0.00	0.41	0.88	0.13	45.74	0.00	53.16	0.08	0.00	33.60	0.07
8	22.20	0.06	0.21	0.00	0.00	0.00	1.05	2.05	0.25	72.29	0.00	22.19	0.15	0.00	14.03	0.18
9	53.14	0.02	0.03	0.00	0.00	0.00	0.19	0.22	0.09	45.59	0.00	53.13	0.05	0.00	33.58	0.02
10	55.52	0.05	0.06	0.00	0.00	0.00	0.32	0.42	0.13	41.65	0.00	55.51	0.12	0.00	35.09	0.03
11	45.49	0.68	0.09	0.00	0.00	0.00	0.26	1.91	1.52	48.18	0.00	45.49	0.41	0.00	28.75	0.00