

MINERAL EXPLORATION AND CONSULTANCY LIMITED

(A GOVT OF INDIA ENTERPRISE- CPSE MINIRATNA -I)

Statement Showing Primary Analysis of P2O5 for Trench samples generated by Kaphalda Block, Distt: Nainital, Uttarakhand.

Sr No	Latitude	Longitude	Trench Number	Sender No.	P ₂ O ₅ %	CaO%	MgO%	Na ₂ O%	K ₂ O%	MnO%	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	LOI%
1	30.39446	78.20156	T1	KAPBL/T1/02	0.29	0.15	1.44	0.89	5.04	0.03	58.58	17.28	6.62	8.08
2				KAPBL/T1/03	0.32	0.33	1.56	0.93	5.00	0.06	59.43	17.47	6.30	7.24
3				KAPBL/T1/04	0.20	6.41	3.38	0.59	4.22	0.11	50.29	14.90	7.60	11.01
4				KAPBL/T1/05	0.22	3.49	2.54	0.71	4.92	0.07	55.24	16.81	6.18	8.35
5	30.399261	78.205198	T2	KAPBL/T2/01	0.18	0.13	1.87	0.41	5.90	0.05	58.84	18.76	7.71	4.96
6				KAPBL/T2/02	0.17	0.44	2.29	0.45	5.48	0.06	60.42	18.43	7.11	4.16
7				KAPBL/T2/03	0.19	0.29	2.74	0.46	5.61	0.05	60.27	18.27	6.71	4.22
8				KAPBL/T2/04	0.21	0.30	2.90	0.46	5.46	0.05	62.33	16.69	6.64	3.85
9	30.429276	78.176585	T3	KAPBL/T3/02	3.67	15.32	2.57	0.13	3.01	0.07	33.51	7.85	12.27	14.71
10				KAPBL/T3/03	3.55	17.57	6.07	0.36	2.84	0.08	35.88	8.81	4.43	18.90
11				KAPBL/T3/04	2.09	23.83	10.63	0.18	1.62	0.06	25.41	5.02	3.79	26.48
12				KAPBL/T3/05	1.34	8.94	4.00	0.34	4.10	0.07	46.95	12.54	4.79	15.11
13	30.39525	78.20038	T4	KAPBL/T3/09	6.06	15.99	3.94	0.27	3.26	0.04	39.11	9.72	4.62	14.92
14				KAPBL/T4/01	1.15	2.97	3.14	0.20	5.50	0.07	57.57	16.60	6.47	4.90
15				KAPBL/T4/02	6.60	11.08	2.36	0.10	4.78	0.03	42.13	14.44	5.49	9.56
16				KAPBL/T4/03	1.64	6.80	3.80	0.33	4.83	0.05	50.20	14.64	5.55	9.45
17	30.41824	78.18573	T5	KAPBL/T5/02	0.27	5.86	2.99	0.79	4.18	0.05	54.50	13.76	6.42	9.10
18				KAPBL/T5/03	0.22	5.37	3.01	0.85	4.20	0.05	53.70	14.07	6.17	10.50
19				KAPBL/T5/08	0.15	6.47	3.82	0.75	4.48	0.06	52.63	14.65	5.84	9.20
20				KAPBL/T5/09	0.16	5.73	3.57	0.74	4.60	0.05	53.36	15.19	5.76	8.97
21	30.412186	78.191627	T6	KAPBL/T6/01	0.29	0.51	1.49	0.83	5.00	0.07	61.15	17.51	6.34	5.47
22				KAPBL/T6/06	0.22	1.84	2.16	0.58	4.98	0.05	58.55	16.81	5.30	8.17
23				KAPBL/T6/07	0.28	0.47	1.52	0.76	4.97	0.06	61.76	16.82	7.04	5.00
24				KAPBL/T7/01	0.94	20.70	9.46	0.23	2.11	0.04	28.17	6.73	3.23	27.68
25	30.430469	78.175065	T7	KAPBL/T7/06	0.91	16.61	7.87	0.41	2.35	0.04	34.87	8.12	3.85	23.80
26				KAPBL/T7/10	0.62	11.72	5.40	0.27	4.27	0.07	40.64	12.12	4.76	18.10
27				KAPBL/T8/04	0.80	4.47	3.37	0.34	5.21	0.06	52.72	15.73	5.73	8.86
28	30.402313	78.20351	T8	KAPBL/T8/05	0.36	4.37	4.28	0.41	5.22	0.06	55.45	15.65	6.37	6.66

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29	30.395667	78.194863	T9	KAPBL/T8/06	0.23	4.80	3.30	0.36	4.79	0.07	56.29	15.83	5.79	7.17
30				KAPBL/T9/01	0.32	1.26	2.40	0.88	4.44	0.05	57.95	16.05	6.52	8.53
31				KAPBL/T9/04	0.17	5.85	3.63	0.70	4.40	0.05	53.01	14.66	5.65	9.98
32				KAPBL/T9/05	0.18	4.23	2.98	0.78	4.41	0.05	53.96	14.25	6.70	10.34
33				KAPBL/T9/06	0.19	4.34	3.14	0.80	4.34	0.04	54.05	14.43	6.10	10.64
34	30.396634	78.190443	T10	KAPBL/T10/07	0.16	6.54	3.62	0.71	4.23	0.06	52.69	15.01	5.45	9.54
35				KAPBL/T10/10	0.15	6.35	3.68	0.78	3.96	0.06	51.70	14.31	6.33	10.38
36				KAPBL/T10/07	0.36	3.52	1.87	0.94	4.02	0.02	53.44	12.03	5.51	14.35
37				KAPBL/T10/08	0.42	3.62	1.33	1.11	3.95	0.03	52.66	12.52	5.98	13.95