

DETAILS OF PRIMARY SAMPLE ANALYSIS Vs EXTERNAL CHECK SAMPLE ANALYSIS FOR AL₂O₃, SiO₂, Fe₂O₃, TiO₂, LOI, Sc, V & Ga OF BEDROCK, PIT AND BOREHOLES DRILLED BY MECL IN DHRANG BLOCK, DISTRICT - KACHCHH, GUJARAT

Sl. No.	Sample No	From (m)	To (m)	Thick-ness (m)	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	TiO ₂ %	LOI %	Sc PPM	V PPM	Ga PPM	Sample No	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	TiO ₂ %	Sc PPM	V PPM	Ga PPM	LOI %	Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %	TiO ₂ %	Sc %	Va %	Ga %	LOI %
	Primary Samples												External Check Samples										Difference						
1	MBD/BR/07				42.76	14.33	4.21	6.15	25.78				MBD/CH/01	48.04	12.88	3.52	5.30				23.59	-5.28	1.45	0.69	0.85	0.00	0.00	0.00	2.19
2	MBD/BR/19				42.50	10.95	3.10	8.62	26.74				MBD/CH/02	49.54	10.73	3.12	7.67				23.22	-7.04	0.22	-0.02	0.95	0.00	0.00	0.00	3.52
3	MBD/PT/30B				43.66	11.03	3.19	5.52	27.04				MBD/CH/03	44.69	10.64	2.57	3.90				25.62	-1.03	0.39	0.62	1.62	0.00	0.00	0.00	1.42
4	MBD/PT/39				42.12	17.33	3.89	5.45	26.82				MBD/CH/04	44.96	16.33	3.44	4.62				24.80	-2.84	1.00	0.45	0.83	0.00	0.00	0.00	2.02
5	MBD-01/01	0.00	0.50	0.50	52.38	4.82	4.03	6.70	28.77	24.29	456	74	MBD/CH/05	53.42	3.92	3.62	6.01				28.74	-1.04	0.90	0.41	0.69	24.29	456.46	74.34	0.03
6	MBD-01/07	4.00	5.00	1.00	34.20	5.34	36.12	5.82	17.26	24.88	874	62	MBD/CH/06	36.13	4.99	34.95	5.63				16.74	-1.93	0.35	1.17	0.19	24.88	874.28	62.16	0.52
7	MBD-01/09	6.00	7.00	1.00	36.57	6.39	30.19	5.30	19.69	26.64	788	52	MBD/CH/12					8.50	650.50	25.50		36.57	6.39	30.19	5.30	18.14	137.76	26.18	19.69
8	MBD-02/01	0.00	0.50	0.50	26.09	9.07	44.99	2.67	14.34	29.20	568	47	MBD/CH/07	27.45	9.16	44.38	2.68				13.75	-1.36	-0.09	0.61	-0.02	29.20	568.15	46.78	0.59
9	MBD-02/06	4.50	5.50	1.00	24.84	1.81	49.33	6.74	16.00	37.72	940	64	MBD/CH/13					14.00	753.00	33.50		24.84	1.81	49.33	6.74	23.72	186.56	30.21	16.00
10	MBD-03/01	0.00	1.00	1.00	49.35	10.32	5.30	5.69	25.98	12.82	449	68	MBD/CH/08	51.59	8.86	4.68	4.95				24.72	-2.24	1.46	0.62	0.74	12.82	449.35	68.41	1.26
11	MBD-03/06	4.00	5.00	1.00	31.13	3.31	34.50	6.96	21.60	59.94	1374	84	MBD/CH/14					43.50	1164.00	48.00		31.13	3.31	34.50	6.96	16.44	209.87	36.40	21.60
12	MBD-04/04	2.60	3.20	0.60	41.45	11.81	11.60	8.36	23.04	40.08	1268	72	MBD/CH/09	43.27	10.54	11.28	7.68				21.78	-1.82	1.27	0.32	0.68	40.08	1268.04	71.95	1.26
13	MBD-05/01	0.00	1.00	1.00	52.30	6.18	3.68	5.08	29.40	22.31	317	52	MBD/CH/10	55.19	5.46	3.14	4.28				27.68	-2.89	0.72	0.54	0.80	22.31	316.95	52.35	1.72
14	MBD-01/01	0.00	0.50	0.50	52.38	4.82	4.03	6.70	28.77	24.29	456	74	MBD/CH/11					2.00	329.50	43.00	28.68	52.38	4.82	4.03	6.70	22.29	126.96	31.34	0.09
15	MBD-04/04	2.60	3.20	0.60	41.45	11.81	11.60	8.36	23.04	40.08	1268	72	MBD/CH/15					16.50	1106.00	48.00	29.68	41.45	11.81	11.60	8.36	23.58	162.04	23.95	-6.64
16	MBD-05/01	0.00	1.00	1.00	52.30	6.18	3.68	5.08	29.40	22.31	317	52	MBD/CH/16					0.50	245.50	31.50	30.68	52.30	6.18	3.68	5.08	21.81	71.45	20.85	-1.28