

EXPLORATION UPDATE

15 AUGUST 2025

HIGHLIGHTS

- Infill RC drilling significant results

Audalia Resources Limited (ASX: **ACP**) is pleased to present an Exploration Update on recent activities.

MEDCALF PROJECT

The Medcalf Project is a vanadium-titanium-iron project located some 470 kilometres south east of Perth near Lake Johnston, Western Australia. The Medcalf Project comprises of one granted exploration licence E63/1855, two miscellaneous licences L63/75 and L63/94 and two General Purpose licences G63/10 and G63/12 as well as mining lease M63/656. Together these licences cover a total area of 38 km².

The Medcalf Project lies in the southern end of the Archaean Lake Johnston greenstone belt. This greenstone belt is a narrow, north-northwest trending belt approximately 110 km in length. It is located near the south margin of the Yilgarn Craton, midway between the southern ends of the Norseman-Wiluna and the Forrestania-Southern Cross greenstone belts.

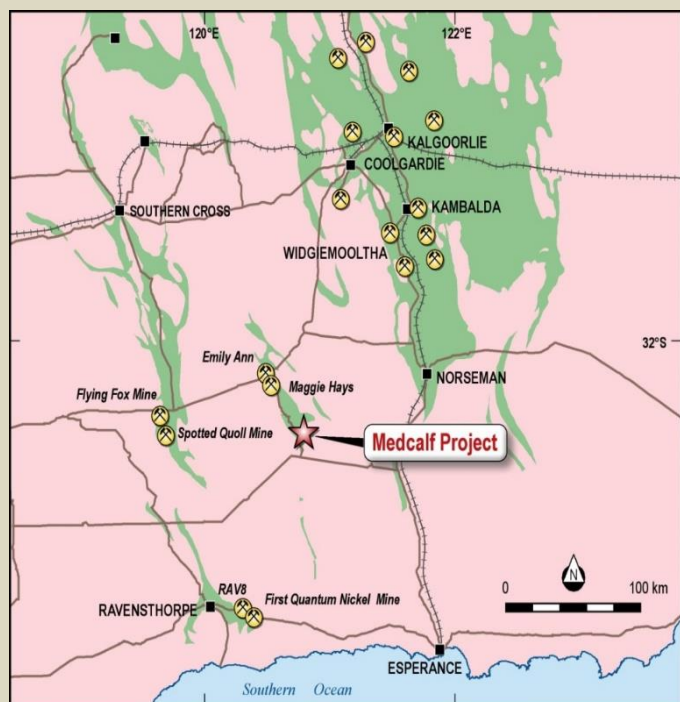


Figure 1: Medcalf Project - Location Map

Project Update

All the assay results received from the Infill RC drilling program (Appendix 1) completed last quarter (ASX announcement: 25 July 2025) have been entered and validated into the Medcalf drilling database.

The Company is pleased by the quantity of significant results from the drill program shown below in Table 1.

Hole	From	To	Width (m)	TiO ₂ %	V ₂ O ₅ %	Fe ₂ O ₃ %
MRC148	0	60	60	7.71	0.40	41.92
<i>incl</i>	35	53	18	11.75	0.63	57.29
MRC154	3	11	8	7.94	0.43	54.21
MRC157	1	17	16	6.53	0.21	55.56
MRC158	4	8	4	6.74	0.24	62.88
MRC159	5	9	4	12.02	0.67	64.35
MRC161	0	3	3	6.41	0.39	52.28
MRC162	1	7	6	8.66	0.44	43.07
MRC164	10	18	8	7.38	0.31	38.54
<i>and</i>	22	25	3	8.72	0.43	45.69
MRC166	5	11	6	10.85	0.50	51.46
MRC167	17	25	8	8.98	0.43	49.86
MRC168	1	14	13	9.68	0.49	57.01
MRC174	13	21	8	7.67	0.37	42.59
MRC176	2	19	17	7.57	0.35	39.26
<i>and</i>	3	23	20	6.42	0.28	37.11
MRC177	0	14	14	8.41	0.39	42.97
<i>and</i>	17	21	4	6.23	0.27	33.53
<i>and</i>	30	32	2	7.52	0.40	43.57
<i>and</i>	34	36	2	7.23	0.41	42.97
MRC178	8	30	22	7.34	0.34	36.39
MRC179	2	17	15	7.57	0.37	38.59
MRC180	0	15	15	6.40	0.29	33.34
MRC181	2	10	8	8.81	0.40	49.75
<i>and</i>	20	23	3	9.54	0.39	39.68
MRC183	3	18	15	6.64	0.31	33.80
MRC185	2	24	22	7.07	0.31	34.71
MRC195	50	56	6	7.71	0.31	34.51
MRC197	66	71	5	6.14	0.30	30.50
<i>and</i>	75	86	11	11.00	0.59	55.10
MRC198	61	71	10	7.20	0.33	34.93
<i>and</i>	78	84	6	7.48	0.33	35.77
MRC199	69	71	2	7.76	0.23	27.19
PTC034	0	13	13	9.80	0.49	50.19
PTC035	0	24	24	9.81	0.54	54.24
PTC038	0	2	2	6.48	0.35	49.22
PTC039	23	39	16	7.55	0.34	36.94
<i>incl</i>	34	39	5	9.32	0.44	46.04
PTC042	0	8	8	8.64	0.41	53.97
<i>incl</i>	5	8	3	11.64	0.58	60.72
PTC046	0	2	2	8.01	0.41	45.74
PTC047	16	22	6	8.22	0.43	48.64
PTC049	0	8	8	9.77	0.53	53.52

Table 1 – Significant results from the RC infill drilling. All holes were drilled vertical.

A full set of results are listed in Appendix 2.

Cube Consulting are progressing towards completing an updated Mineral Resource this month.

Authorised by:

Brent Butler
CEO and Executive Director
Competent Person's Statement

The information in this report that relates to the Exploration Results is based on information compiled by Mr Brent Butler, who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Butler over 40 years' experience as a geologist and is CEO and Executive Director of Audalia. Mr Butler has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr Butler has provided his consent to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Appendix 1											
Infill drilling surveyed dGPS surveyed collars. (* by hole indicates extended hole)											
Hole	MGA94 East	MGA94 North	AHD RL	Depth (m)	Azimuth	Dip	Drill Co.	Rig Type	Geologist	Date Start	Date End
MRC148	291,777.26	6,397,679.31	412.94	60	0	-90	Redrock	Hydco 40	TWT	27/04/2025	27/04/2025
MRC151*	291,711.93	6,397,671.94	405.89	42 -60	0	-90	Redrock	Hydco 40	TWT	1/12/2024	1/12/2024
MRC152*	291,742.28	6,397,720.32	406.23	66-78	0	-90	Redrock	Hydco 40	TWT	1/12/2024	1/12/2024
MRC154	293,874.70	6,398,318.86	382.54	25	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
MRC156	292,929.61	6,398,363.22	411.58	25	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC157	293,029.95	6,398,360.21	407.24	25	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
MRC158	293,101.38	6,398,358.29	409.84	25	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC159	293,177.94	6,398,360.89	411.79	25	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC160	293,578.25	6,398,360.88	395.58	25	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC161	293,657.11	6,398,358.67	392.57	25	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC162	293,738.21	6,398,357.97	390.58	25	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC163	293,820.39	6,398,356.43	383.15	25	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC164	292,855.75	6,398,438.85	406.30	25	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
MRC165	292,941.19	6,398,441.43	403.30	25	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
MRC166	293,022.79	6,398,442.33	401.37	50	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
MRC167	293,176.22	6,398,438.52	417.15	40	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC168	293,657.94	6,398,439.90	400.59	25	0	-90	Redrock	Hydco 40	TWT	28/04/2025	28/04/2025
MRC173	293,034.56	6,398,522.81	395.84	20	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
MRC174	293,097.70	6,398,519.22	399.94	30	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
MRC175	293,174.59	6,398,508.89	404.85	20	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
MRC176	293,182.92	6,398,602.01	400.93	30	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC177	293,204.25	6,398,582.04	402.38	40	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC178	293,017.17	6,398,722.33	388.16	30	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC179	293,101.34	6,398,685.12	394.82	30	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC180	293,138.15	6,398,679.07	398.85	30	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC181	293,216.67	6,398,639.53	410.54	40	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC182	293,219.55	6,398,682.94	409.46	30	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC183	293,096.97	6,398,720.22	393.96	30	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC184	293,134.26	6,398,727.38	397.24	30	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC185	293,031.17	6,398,751.43	388.13	30	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC186	293,055.54	6,398,760.21	389.42	30	0	-90	Redrock	Hydco 40	TWT	29/04/2025	29/04/2025
MRC187	293,095.04	6,398,765.81	391.64	30	0	-90	Redrock	Hydco 40	TWT	30/04/2025	30/04/2025
MRC195*	291,491.98	6,397,734.31	406.65	40-67	0	-90	Redrock	Hydco 40	TWT	29/11/2024	29/11/2024
MRC197*	291,693.29	6,397,750.19	403.15	40-90	0	-90	Redrock	Hydco 40	TWT	30/11/2024	30/11/2024
MRC198*	291,541.45	6,397,767.36	406.84	20-96	0	-90	Redrock	Hydco 40	TWT	29/11/2024	29/11/2024
MRC199*	291,494.57	6,397,784.71	408.29	55-108	0	-90	Redrock	Hydco 40	TWT	29/11/2024	29/11/2024
MRC209	291,634.80	6,397,696.75	401.88	80	0	-90	Redrock	Hydco 40	TWT	3/05/2025	3/05/2025
PTC034	294,400.07	6,398,037.69	371.21	25	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC035	294,397.98	6,398,079.01	371.68	60	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC038	294,239.20	6,398,120.21	377.35	30	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC039	294,398.26	6,398,122.20	370.60	50	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC042	294,238.51	6,398,153.94	376.99	25	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC043	294,399.67	6,398,159.52	370.53	50	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC045	294,398.90	6,398,193.86	370.16	40	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC046	294,239.02	6,398,198.77	373.33	25	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC047	294,078.57	6,398,275.30	373.13	42	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
PTC048	294,242.57	6,398,235.57	370.88	25	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
PTC049	294,078.88	6,398,232.95	377.16	30	0	-90	Redrock	Hydco 40	TWT	1/05/2025	1/05/2025
PTC050	294,075.69	6,398,320.04	370.54	25	0	-90	Redrock	Hydco 40	TWT	2/05/2025	2/05/2025
Total	49	holes	for	1643	metres						

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC148	MD8860	0	1	9.04	0.428	48	25.03	10.22	0.23	0.28	0.029	0.48	0.09	0.22	0.0025	0.0025	6.14	0.005	2018	0.02
MRC148	MD8861	1	2	8.49	0.411	53.79	20.95	7.79	0.27	0.11	0.053	0.43	0.05	0.32	0.009	0.0025	6.65	0.005	2519	0.02
MRC148	MD8862	2	3	6.54	0.307	40.05	36.4	7.45	0.22	0.33	0.053	1.09	0.1	0.77	0.012	0.0025	6.09	0.005	1214	0.005
MRC148	MD8863	3	4	5.65	0.274	36.55	36.55	9.66	0.33	0.82	0.072	1.66	0.13	0.72	0.018	0.0025	6.34	0.005	1446	0.005
MRC148	MD8864	4	5	5.97	0.283	36.47	38.88	7.6	0.17	1.58	0.033	2.49	0.14	0.78	0.01	0.0025	4.62	0.005	1664	0.02
MRC148	MD8865	5	6	6.82	0.332	40.96	31.71	7.28	0.26	2.37	0.042	3.64	0.12	0.63	0.019	0.0025	4.82	0.005	1446	0.02
MRC148	MD8866	6	7	6.56	0.341	39.43	31.42	7.5	0.23	2.93	0.06	4.03	0.23	0.65	0.015	0.0025	5.59	0.005	834	0.02
MRC148	MD8867	7	8	5.76	0.269	32.28	37.59	7.68	0.22	3.77	0.032	5.46	0.42	0.78	0.013	0.0025	4.82	0.005	1343	0.02
MRC148	MD10497	8	9	5.95	0.282	38.93	33.18	7.26	0.31	2.3	0.036	3.75	0.44	0.74	0.013	0.0025	6.07	0.005	1197	0.02
MRC148	MD10498	9	10	7.51	0.369	37.62	34.96	8.31	0.17	0.86	0.048	2.65	0.34	1.02	0.023	0.005	5.41	0.005	878	0.005
MRC148	MD10499	10	11	7.42	0.347	37.39	35.62	6.38	0.18	3.26	0.025	4.79	0.18	0.88	0.019	0.0025	3.7	0.005	1194	0.02
MRC148	MD10500	11	12	6.79	0.327	38.67	33.44	5.65	0.21	4.4	0.017	5.83	0.2	0.71	0.02	0.0025	3.04	0.005	1127	0.01
MRC148	MD10501	12	13	7.25	0.351	39.18	32.45	4.92	0.26	5.74	0.016	7.27	0.22	0.6	0.018	0.0025	1.97	0.005	3673	0.01
MRC148	MD10502	13	14	5.72	0.291	35.16	33.66	7.45	0.53	5.09	0.015	6.68	0.31	0.69	0.021	0.009	3.38	0.005	4440	0.02
MRC148	MD10503	14	15	6.8	0.319	34.82	34.71	5.35	0.4	6.75	0.015	8.09	0.19	0.66	0.013	0.006	1.73	0.005	4754	0.01
MRC148	MD10504	15	16	4.34	0.177	29.99	36.06	12.1	0.42	3	0.022	6.18	0.36	1.04	0.029	0.021	5.85	0.005	2010	0.02
MRC148	MD10505	16	17	6.2	0.296	32.27	35.61	5.76	0.32	7.62	0.013	9.05	0.21	0.64	0.013	0.005	1.21	0.005	5428	0.01
MRC148	MD10506	17	18	6.55	0.324	33.27	35.25	5.08	0.32	7.63	0.011	9.07	0.22	0.61	0.011	0.0025	0.96	0.005	3794	0.01
MRC148	MD10507	18	19	6.44	0.313	33.15	35.56	5.01	0.28	7.86	0.021	9.79	0.2	0.58	0.014	0.006	0.87	0.005	3020	0.005
MRC148	MD10508	19	20	6.71	0.326	33.98	34.22	4.92	0.27	7.76	0.022	9.76	0.14	0.54	0.013	0.0025	0.81	0.005	4966	0.005
MRC148	MD10512	20	21	6.63	0.313	33.43	34.57	5.2	0.32	7.44	0.013	9.55	0.15	0.59	0.012	0.0025	1.13	0.005	1594	0.01
MRC148	MD10513	21	22	3.39	0.176	24.43	40.02	10.88	0.24	10.49	0.005	7.49	0.36	0.98	0.01	0.024	1.17	0.005	5204	0.02
MRC148	MD10514	22	23	6.69	0.331	33.57	34.7	6.15	0.27	8.09	0.015	8.6	0.17	0.66	0.012	0.007	0.78	0.005	3248	0.005
MRC148	MD10515	23	24	7.45	0.37	35.74	33.11	5.62	0.27	7.2	0.009	8.05	0.13	0.61	0.013	0.006	0.93	0.005	4682	0.005
MRC148	MD10516	24	25	3.06	0.165	27.82	38.53	11.33	0.26	8.82	0.005	6.24	0.37	0.97	0.01	0.024	1.86	0.005	2747	0.02
MRC148	MD10517	25	26	4	0.231	32.29	35.43	9.59	0.24	7.45	0.009	7.24	0.29	0.88	0.011	0.022	1.77	0.005	3566	0.01
MRC148	MD10518	26	27	7.02	0.37	39.03	31.04	6.13	0.27	6.38	0.011	7.47	0.18	0.55	0.015	0.006	1.36	0.005	5208	0.01
MRC148	MD10519	27	28	8.51	0.435	41.49	29.02	4.42	0.28	5.89	0.01	7.97	0.09	0.46	0.015	0.0025	1.07	0.005	3686	0.005
MRC148	MD10520	28	29	8.69	0.445	41.97	28.65	4.38	0.28	5.81	0.01	7.84	0.09	0.42	0.014	0.0025	1.03	0.005	4156	0.01
MRC148	MD10521	29	30	6.76	0.337	34.96	33.84	5.83	0.26	7.69	0.013	8.67	0.15	0.59	0.016	0.007	0.69	0.005	4194	0.005
MRC148	MD10522	30	31	8.03	0.418	39.89	30.35	6.19	0.28	6.46	0.012	6.88	0.16	0.6	0.018	0.008	0.95	0.005	4231	0.01
MRC148	MD10523	31	32	7.68	0.384	38.33	32.19	4.63	0.27	6.39	0.013	8.49	0.15	0.51	0.018	0.0025	0.93	0.005	5635	0.01
MRC148	MD10524	32	33	8.74	0.449	43.2	27.73	4.38	0.27	5.25	0.014	7.85	0.1	0.39	0.017	0.0025	0.94	0.005	4467	0.01
MRC148	MD10525	33	34	7.69	0.37	39.24	31.08	6.05	0.32	5.45	0.012	6.78	0.15	0.58	0.017	0.007	1.89	0.005	3994	0.02
MRC148	MD10526	34	35	7.23	0.367	36.85	33.43	4.85	0.27	7.01	0.012	8.63	0.14	0.5	0.015	0.0025	0.83	0.005	5817	0.01
MRC148	MD10527	35	36	10.41	0.534	47.71	23.67	4.45	0.28	4.76	0.017	7.23	0.08	0.34	0.021	0.0025	0.53	0.005	5027	0.01
MRC148	MD10528	36	37	9.13	0.465	44.64	26.45	4.63	0.26	4.96	0.01	7.74	0.1	0.37	0.021	0.0025	1.18	0.005	4281	0.01
MRC148	MD10529	37	38	8.95	0.464	44.11	25.34	4.3	0.25	6.15	0.176	8.21	0.1	0.35	0.02	0.0025	2.24	0.005	3061	0.01
MRC148	MD10530	38	39	10.12	0.517	47.63	22	5	0.27	5.18	0.282	7.55	0.09	0.3	0.02	0.005	0.9	0.005	3819	0.01
MRC148	MD10531	39	40	10.97	0.572	52.17	18.78	4.17	0.28	4.31	0.354	7.08	0.06	0.19	0.022	0.011	0.55	0.005	6255	0.01
MRC148	MD10535	40	41	9.92	0.531	50.13	19.93	6.07	0.27	4.3	0.322	6.74	0.11	0.31	0.023	0.0025	0.94	0.005	6684	0.01
MRC148	MD10536	41	42	12.48	0.661	59.05	13.42	4.96	0.29	2.9	0.322	5.75	0.05	0.16	0.027	0.008	0.07	0.005	3732	0.005
MRC148	MD10537	42	43	13.31	0.694	61.93	10.55	4.61	0.31	1.82	0.305	5.83	0.03	0.08	0.027	0.0025	-0.02	0.005	7484	0.005
MRC148	MD10538	43	44	13.86	0.752	65.09	8.64	4.43	0.29	0.88	0.364	5.53	0.01	0.03	0.029	0.0025	-0.57	0.005	6796	0.01
MRC148	MD10539	44	45	14.35	0.77	67.7	7.7	4.13	0.31	0.77	0.295	5.04	0.01	0.09	0.031	0.0025	-1.05	0.005	6027	0.01

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC148	MD10540	45	46	11.29	0.608	56.28	13.82	5.86	0.28	1.44	0.246	8.78	0.01	0.03	0.025	0.011	0.74	0.005	5530	0.02
MRC148	MD10541	46	47	11.02	0.578	56.94	14.78	4.07	0.32	2.08	0.312	8.7	0.02	0.04	0.025	0.005	0.54	0.005	6032	0.005
MRC148	MD10542	47	48	12.19	0.647	60.7	11.13	4.16	0.31	1.71	0.278	7.63	0.01	0.03	0.029	0.0025	0.84	0.005	6929	0.005
MRC148	MD10543	48	49	13.31	0.705	64.88	8.28	4.14	0.3	0.82	0.317	6.96	0.01	0.29	0.03	0.009	-0.02	0.005	6037	0.01
MRC148	MD10544	49	50	12.99	0.701	64.66	8.96	4.12	0.3	0.85	0.306	7.14	0.005	0.02	0.031	0.01	0.05	0.005	5842	0.005
MRC148	MD10545	50	51	13.16	0.717	64.93	9.45	3.85	0.3	1.1	0.455	6.43	0.01	0.005	0.029	0.0025	-0.25	0.005	7047	0.005
MRC148	MD10546	51	52	12.03	0.684	61.58	10.16	5.27	0.29	0.77	0.749	6.73	0.01	0.04	0.026	0.062	0.76	0.005	5227	0.005
MRC148	MD10547	52	53	11.97	0.667	61.06	12.17	4.42	0.3	1.41	0.788	7.37	0.005	0.03	0.028	0.091	0.31	0.005	5382	0.01
MRC148	MD10548	53	54	8.53	0.497	48.81	17.48	5.96	0.26	2.89	0.604	11.36	0.01	0.03	0.021	0.098	3.36	0.005	4988	0.005
MRC148	MD10549	54	55	4.61	0.271	37.42	25.61	5.47	0.24	5.08	0.277	14.73	0.02	0.04	0.017	0.246	5.22	0.005	4443	0.005
MRC148	MD10550	55	56	0.58	0.021	20.65	38.13	2.47	0.24	8.74	0.295	17.32	0.02	0.01	0.007	0.048	10.88	0.005	3754	0.02
MRC148	MD10551	56	57	0.93	0.038	21.9	37.24	2.11	0.26	7.35	0.391	22.23	0.01	0.005	0.007	0.129	7.8	0.005	3814	0.005
MRC148	MD10552	57	58	1.39	0.034	19.67	44.62	2.22	0.32	3.93	0.425	21.96	0.005	0.005	0.007	0.274	4.52	0.005	4391	0.01
MRC148	MD10553	58	59	0.61	0.032	19.53	40.59	5.32	0.26	4.82	0.266	22.57	0.02	0.01	0.007	0.086	5.39	0.005	4361	0.01
MRC148	MD10554	59	60	0.69	0.035	21.54	39	2.48	0.3	6.47	0.441	22.45	0.01	0.005	0.006	0.094	6.1	0.005	3216	0.01
MRC151		0	42	Results reported ASX announcement 4 April 2025. Hole extended below																
MRC151	MD8965	42	43	1.23	0.041	19.64	38.74	2.42	0.25	9.04	0.396	16.84	0.02	0.08	0.005	0.22	10.41	0.005	3511	0.01
MRC151	MD8966	43	44	0.96	0.039	18.31	38.36	7.54	0.22	6.96	0.21	20.37	0.01	0.03	0.006	0.146	6.61	0.005	2385	0.01
MRC151	MD8967	44	45	0.76	0.03	18.25	39.63	3.9	0.25	6.84	0.386	21.55	0.01	0.02	0.006	0.173	8.83	0.005	3353	0.005
MRC151	MD8968	45	46	0.93	0.038	19.07	40.16	5.3	0.22	6.64	0.286	21.09	0.005	0.005	0.0025	0.126	5.43	0.005	3875	0.01
MRC151	MD8969	46	47	1.19	0.034	20.35	37.89	2.95	0.26	6.4	0.308	23.16	0.005	0.005	0.006	0.173	7.24	0.005	3821	0.005
MRC151	MD8970	47	48	1.42	0.034	20.96	39.26	3.41	0.24	5.29	0.278	24.15	0.005	0.02	0.006	0.194	4.61	0.005	2950	0.01
MRC151	MD8845	48	49	1.43	0.048	18.68	37.65	6.81	0.2	6.95	0.301	20.93	0.005	0.005	0.006	0.229	6.18	0.005	4817	0.01
MRC151	MD8846	49	50	1.27	0.044	18.9	37.58	4.03	0.24	7.91	0.323	21.77	0.005	0.02	0.006	0.224	7.42	0.005	3756	0.01
MRC151	MD8847	50	51	0.96	0.033	18.2	39.99	3.27	0.22	6.92	0.485	23.78	0.005	0.005	0.006	0.165	5.52	0.005	4233	0.01
MRC151	MD8848	51	52	0.91	0.037	18.56	40.14	3.74	0.23	6.66	0.457	24.21	0.005	0.005	0.007	0.275	4.33	0.005	4744	0.005
MRC151	MD8849	52	53	0.45	0.017	14.15	40.46	2.93	0.2	5.7	0.269	28.97	0.005	0.005	0.005	0.293	6.2	0.005	4054	0.02
MRC151	MD8850	53	54	0.43	0.02	16.42	40.98	2.87	0.23	5.39	0.279	27.95	0.005	0.005	0.006	0.284	4.54	0.005	2758	0.005
MRC151	MD8851	54	55	0.55	0.015	22.88	40.46	2.68	0.27	5.37	0.27	24.96	0.005	0.005	0.006	0.05	1.95	0.005	5177	0.005
MRC151	MD8852	55	56	0.62	0.021	19.99	39.88	2.42	0.28	9.06	0.272	22.26	0.005	0.005	0.006	0.123	4.75	0.005	3246	0.005
MRC151	MD8853	56	57	0.86	0.048	16.42	43.32	3.42	0.22	9.53	0.152	21.36	0.005	0.03	0.0025	0.15	4.26	0.005	3766	0.005
MRC151	MD8854	57	58	0.47	0.013	22.65	38.76	2.41	0.29	6.05	0.253	25.48	0.005	0.005	0.006	0.048	3.49	0.005	3658	0.01
MRC151	MD8855	58	59	0.49	0.014	22.95	37.89	2.51	0.23	4	0.251	26.93	0.005	0.005	0.008	0.074	4.72	0.005	4009	0.02
MRC151	MD8856	59	60	0.47	0.009	22.56	38.79	2.28	0.23	3.51	0.235	26.44	0.005	0.005	0.006	0.053	5.04	0.005	2439	0.02
MRC152		0	66	Results reported ASX announcement 4 April 2025. Hole extended below																
MRC152	MD8948	66	67	6.64	0.395	46.07	20.64	3.14	0.27	4.24	0.319	13.91	0.02	0.07	0.019	0.25	3.52	0.005	1666	0.01
MRC152	MD8949	67	68	0.54	0.019	15.68	39.2	3.33	0.18	5.56	0.191	26.96	0.01	0.06	0.0025	0.201	7.76	0.005	1472	0.01
MRC152	MD8950	68	69	0.99	0.039	21.43	42.16	3.64	0.22	5.72	0.232	20.41	0.01	0.05	0.006	0.093	4.51	0.005	1864	0.01
MRC152	MD8951	69	70	1.21	0.054	22.76	39.35	7.34	0.26	7.76	0.188	17.25	0.07	0.15	0.013	0.125	3.22	0.005	2864	0.01
MRC152	MD8952	70	71	1.41	0.066	20.8	37.11	5.6	0.24	7.41	0.276	20.33	0.005	0.04	0.007	0.22	6.24	0.005	1855	0.005
MRC152	MD8953	71	72	1.29	0.047	21.88	40.11	3.07	0.27	6.07	0.586	21.67	0.005	0.05	0.006	0.196	4.59	0.005	1722	0.02
MRC152	MD8954	72	73	0.91	0.03	21.93	37.82	2.75	0.28	6.89	0.759	22.7	0.01	0.09	0.007	0.065	5.8	0.005	2997	0.02
MRC152	MD8955	73	74	0.63	0.022	19.82	46.62	2.42	0.27	4.54	1.028	21.27	0.005	0.07	0.006	0.059	3.94	0.005	1851	0.005
MRC152	MD8956	74	75	0.76	0.033	19.74	42.47	7.64	0.31	2.2	0.363	21.56	0.09	0.07	0.011	0.047	4.3	0.005	2105	0.01
MRC152	MD8957	75	76	1.26	0.062	18.88	40.25	13.49	0.28	7.37	0.143	13.53	0.54	0.9	0.013	0.047	3.25	0.005	2214	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF
MRC152	MD8958	76	77	1.14	0.056	14.54	50	13.31	0.21	9.15	0.37	6.69	0.56	3.05	0.006	0.032	0.96	0.005	2332	0.02
MRC152	MD8959	77	78	1.17	0.059	14.71	49.54	13.31	0.2	8.95	0.409	6.92	0.47	3.2	0.008	0.032	1.05	0.005	2105	0.02
MRC154	MD8994	0	1	3.48	0.182	42.34	26.25	11.68	0.13	1.22	0.07	2.02	0.09	0.49	0.012	0.468	10.64	0.005	1463.1	0.02
MRC154	MD8995	1	2	3.9	0.209	49.02	22.92	10.88	0.15	0.21	0.108	1.01	0.05	0.43	0.026	0.594	9.71	0.005	1136.7	0.02
MRC154	MD8996	2	3	3.8	0.236	46.48	25.63	11.21	0.14	0.17	0.191	0.79	0.07	0.51	0.02	0.148	9.42	0.005	976.2	0.02
MRC154	MD8997	3	4	11.43	0.588	61.51	14.63	5.66	0.28	0.17	0.115	0.87	0.02	0.3	0.006	0.072	3.92	0.005	1527.9	0.02
MRC154	MD8998	4	5	5.72	0.284	47.23	25.6	10.14	0.16	0.04	0.226	0.66	0.06	0.57	0.009	0.087	8.54	0.005	1253.4	0.02
MRC154	MD8999	5	6	2.44	0.17	49.97	24.52	10.36	0.2	0.09	0.21	0.66	0.04	0.52	0.021	0.066	9.97	0.005	871.8	0.005
MRC154	MD9000	6	7	9.46	0.499	54.13	20.33	6.98	0.27	0.96	0.061	2.34	0.01	0.35	0.013	0.068	3.77	0.005	1613.4	0.005
MRC154	MD9001	7	8	3.34	0.198	40.21	32.67	10.05	0.13	0.54	0.066	3.49	0.02	0.91	0.024	0.324	7.45	0.005	756.9	0.02
MRC154	MD9002	8	9	9.8	0.496	54.07	17.35	7.57	0.3	0.92	0.027	5.16	0.005	0.44	0.012	0.16	3.17	0.005	1579.9	0.01
MRC154	MD9003	9	10	11.12	0.608	61.31	12.5	4.12	0.29	0.82	0.014	5.96	0.005	0.35	0.028	0.162	2	0.005	1616.9	0.01
MRC154	MD9004	10	11	10.2	0.563	65.22	10.84	3.98	0.3	0.18	0.029	4.59	0.005	0.35	0.032	0.167	3.13	0.005	2299	0.02
MRC154	MD9005	11	12	5.16	0.314	40.91	23.99	8.31	0.3	1.63	0.005	13.23	0.005	0.45	0.022	0.206	4.75	0.005	2318.9	0.01
MRC154	MD9006	12	13	5.68	0.343	52.02	21.75	4.16	0.27	1.55	0.015	9.27	0.005	0.41	0.021	0.251	4.17	0.005	1335	0.01
MRC154	MD9007	13	14	3.09	0.112	50.54	24.38	2.83	0.29	3.2	0.018	8.95	0.005	0.38	0.022	0.677	4.81	0.005	488.2	0.005
MRC154	MD9008	14	15	2.71	0.107	48	27.01	2.76	0.36	3.1	0.016	8.93	0.005	0.4	0.021	0.623	5.16	0.005	856.8	0.01
MRC154	MD9009	15	16	1.38	0.077	35.35	33.35	3.93	0.39	4.69	0.013	14.09	0.005	0.47	0.013	0.287	4.72	0.005	1055.2	0.01
MRC154	MD9010	16	17	1.4	0.055	29.4	38.14	4.29	0.28	2.14	0.008	17.47	0.005	0.28	0.012	0.255	5.06	0.005	1570.2	0.01
MRC154	MD9011	17	18	1.07	0.039	36.06	38.9	4.05	0.28	1.94	0.014	10.25	0.005	0.33	0.013	0.222	5.92	0.005	907.5	0.01
MRC154	MD9012	18	19	0.74	0.025	26.79	52.19	2.56	0.46	0.73	0.007	10.52	0.02	0.47	0.006	0.158	25.39	0.005	1544.1	0.02
MRC154	MD9013	19	20	0.76	0.026	26.13	48.94	3.13	0.28	2.62	0.029	12.6	0.02	0.61	0.01	0.105	4.09	0.005	1315.3	0.005
MRC154	MD9017	20	21	0.86	0.023	20.43	50.79	3.43	0.22	2.38	0.009	16.28	0.01	0.42	0.0025	0.172	4.31	0.005	2200.7	0.01
MRC154	MD9018	21	22	1.1	0.047	23.46	50.17	3.78	0.24	2.94	0.009	13.4	0.01	0.39	0.007	0.397	4.27	0.005	1743.1	0.02
MRC154	MD9019	22	23	0.66	0.026	19.94	53.62	2.53	0.38	4.6	0.008	13.58	0.03	0.32	0.007	0.245	3.59	0.005	1572.3	0.02
MRC154	MD9020	23	24	0.78	0.032	23.01	48.06	2.74	0.22	4.5	0.01	14.83	0.14	0.43	0.009	0.406	3.65	0.005	2282.1	0.005
MRC154	MD9021	24	25	0.49	0.013	14.55	56.88	4.27	0.16	1.51	0.007	14.92	2.4	0.29	0.006	0.356	2.99	0.005	1626.8	0.01
MRC156	MD9050	0	1	4.16	0.151	59.63	15.17	8.9	0.17	0.05	0.095	0.57	0.03	0.05	0.013	0.557	10.24	0.005	1121.4	0.02
MRC156	MD9051	1	2	3.86	0.104	60.05	15.81	8.68	0.14	0.02	0.117	0.5	0.03	0.05	0.014	0.422	9.71	0.005	1243.1	0.02
MRC156	MD9052	2	3	3.56	0.1	60.45	14.32	9.89	0.14	0.005	0.164	0.43	0.03	0.07	0.012	0.418	9.86	0.005	2072.3	0.02
MRC156	MD9053	3	4	3.37	0.094	67.87	9.3	7.23	0.18	0.005	0.172	0.43	0.005	0.08	0.016	0.385	10.03	0.005	2694.5	0.005
MRC156	MD9054	4	5	2.84	0.095	71.13	7.9	5.72	0.19	0.11	0.153	0.46	0.005	0.1	0.016	0.351	10.07	0.005	1449.6	0.01
MRC156	MD9055	5	6	3.39	0.103	69.54	8.52	6.29	0.19	0.005	0.135	0.51	0.02	0.09	0.014	0.436	9.93	0.005	2020.6	0.01
MRC156	MD9056	6	7	3.35	0.098	69.89	10.21	6.15	0.24	0.005	0.119	0.51	0.01	0.1	0.014	0.433	9.15	0.005	1672.7	0.02
MRC156	MD9057	7	8	2.92	0.089	70.93	9.37	5.61	0.23	0.005	0.115	0.44	0.02	0.1	0.012	0.375	9.02	0.005	1347.7	0.01
MRC156	MD9058	8	9	3.38	0.105	67.46	10.36	7.26	0.21	0.005	0.108	0.47	0.02	0.15	0.01	0.43	9.26	0.005	1748.8	0.01
MRC156	MD9059	9	10	2.62	0.081	74.22	7.19	4.89	0.28	0.005	0.096	0.44	0.02	0.11	0.011	0.33	8.81	0.005	2107.2	0.01
MRC156	MD9060	10	11	2.83	0.083	69.07	9.63	7.05	0.26	0.005	0.091	0.44	0.03	0.18	0.009	0.332	9.74	0.005	1578.8	0.005
MRC156	MD9061	11	12	3.55	0.107	63.16	11.8	9.42	0.19	0.005	0.103	0.38	0.03	0.21	0.0025	0.398	9.71	0.005	1459.4	0.02
MRC156	MD9062	12	13	4.27	0.128	59.95	13.08	11.02	0.18	0.005	0.116	0.34	0.04	0.22	0.0025	0.47	9.44	0.005	1651	0.02
MRC156	MD9063	13	14	4.06	0.121	60.87	12.77	11.12	0.21	0.005	0.108	0.32	0.03	0.18	0.0025	0.423	9.22	0.005	2998.2	0.01
MRC156	MD9064	14	15	6.76	0.176	57.01	13.93	12.04	0.21	0.005	0.084	0.45	0.03	0.18	0.0025	0.37	8.23	0.005	2511.1	0.02
MRC156	MD9065	15	16	5.22	0.128	62.76	10.12	9.65	0.18	0.005	0.113	0.35	0.02	0.18	0.013	0.452	9.94	0.005	3255.4	0.02
MRC156	MD9066	16	17	4.27	0.109	65.24	10.13	8.89	0.25	0.005	0.092	0.25	0.02	0.18	0.017	0.439	9.02	0.005	2541.1	0.02
MRC156	MD9067	17	18	5.24	0.27	66.84	9.81	9.01	0.39	0.005	0.085	0.22	0.02	0.15	0.01	0.363	7.86	0.005	2471.9	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC156	MD9068	18	19	1.99	0.091	63.27	12.37	10.76	0.23	0.005	0.082	0.12	0.02	0.17	0.032	0.198	9.54	0.005	947.8	0.01
MRC156	MD9069	19	20	1.31	0.086	54.37	17.61	15.32	0.17	0.005	0.077	0.09	0.03	0.18	0.027	0.098	9.99	0.005	2746.4	0.005
MRC156	MD9073	20	21	1.56	0.077	57.88	15.79	13.53	0.2	0.005	0.086	0.05	0.02	0.15	0.035	0.142	9.77	0.005	713.3	0.01
MRC156	MD9074	21	22	2.6	0.116	57.16	15.75	13.58	0.23	0.005	0.086	0.09	0.02	0.15	0.017	0.338	9.83	0.005	1739.8	0.02
MRC156	MD9075	22	23	2.96	0.129	53.56	17.8	15.15	0.21	0.005	0.068	0.07	0.02	0.15	0.007	0.198	8.89	0.005	2309.7	0.01
MRC156	MD9076	23	24	1.79	0.092	57.75	16.47	13.95	0.16	0.005	0.096	0.06	0.02	0.15	0.009	0.173	9.23	0.005	1892.8	0.01
MRC156	MD9077	24	25	1.89	0.086	59.78	14.65	12.11	0.21	0.005	0.1	0.09	0.02	0.13	0.019	0.215	9.87	0.005	1502	0.01
MRC157	MD9078	0	1	4.71	0.376	42.99	25.03	14.71	0.16	0.18	0.039	1.87	0.13	0.2	0.006	0.115	8.5	0.005	793.8	0.02
MRC157	MD9079	1	2	7.49	0.431	43.99	23.93	14.98	0.18	0.07	0.039	0.28	0.04	0.09	0.0025	0.056	8.47	0.005	1723.3	0.02
MRC157	MD9080	2	3	6.51	0.279	37.98	28.4	16.37	0.17	0.05	0.067	0.18	0.03	0.17	0.0025	0.205	9.21	0.005	1857.2	0.02
MRC157	MD9081	3	4	4.73	0.206	47.57	24.04	13.21	0.18	0.02	0.136	0.18	0.03	0.18	0.0025	0.346	9.01	0.005	1800.8	0.005
MRC157	MD9082	4	5	6.47	0.201	46.42	22.65	13.43	0.24	0.005	0.163	0.14	0.02	0.15	0.006	0.336	8.97	0.005	2058.1	0.02
MRC157	MD9083	5	6	6.36	0.183	49.27	20.94	13.26	0.25	0.005	0.166	0.13	0.03	0.15	0.007	0.467	8.95	0.005	1588.2	0.02
MRC157	MD9084	6	7	6.16	0.174	53.05	17.16	11.72	0.25	0.005	0.214	0.31	0.03	0.18	0.009	0.642	9.43	0.005	2354.3	0.02
MRC157	MD9085	7	8	7.34	0.191	49.21	18.53	13.33	0.23	0.005	0.185	0.45	0.03	0.2	0.0025	0.698	9.23	0.005	2032.8	0.02
MRC157	MD9086	8	9	6.26	0.183	52.72	16.79	12.78	0.24	0.005	0.223	0.24	0.09	0.19	0.012	0.656	9.33	0.005	2281.3	0.02
MRC157	MD9087	9	10	5.96	0.158	53.59	15.73	12.57	0.27	0.005	0.252	0.32	0.03	0.21	0.011	0.691	9.59	0.005	1455.8	0.02
MRC157	MD9088	10	11	6.73	0.185	63.39	10.14	8.87	0.32	0.005	0.222	0.55	0.03	0.21	0.026	0.726	7.86	0.005	1143	0.01
MRC157	MD9089	11	12	7.52	0.186	66.36	9.16	7.66	0.41	0.005	0.181	0.64	0.02	0.22	0.017	0.769	6.16	0.005	955.5	0.02
MRC157	MD9090	12	13	5.19	0.215	63.12	13.27	9.08	0.32	0.005	0.178	0.44	0.17	0.17	0.018	0.503	6.99	0.005	1915.1	0.02
MRC157	MD9091	13	14	7.01	0.196	71.35	7.71	5.87	0.4	0.005	0.123	0.93	0.03	0.2	0.013	0.92	4.59	0.005	1177.9	0.02
MRC157	MD9092	14	15	7.09	0.194	67.39	9.17	7.32	0.46	0.005	0.143	0.91	0.03	0.19	0.012	0.825	5.53	0.005	1004.2	0.02
MRC157	MD9093	15	16	6.67	0.172	64.69	10.86	7.31	0.43	0.005	0.146	0.76	0.03	0.21	0.02	0.759	6.72	0.005	790.1	0.02
MRC157	MD9094	16	17	7.02	0.174	58.81	17.57	7.22	0.35	0.005	0.08	1.26	0.08	0.49	0.017	0.689	5.39	0.005	1317.4	0.02
MRC157	MD9095	17	18	6.06	0.147	52.5	22.75	8.04	0.33	0.005	0.05	1.45	0.1	0.63	0.021	0.664	6.17	0.005	437.8	0.02
MRC157	MD9096	18	19	5.5	0.195	56.74	19.01	7.09	0.45	0.005	0.016	4.18	0.06	0.62	0.03	0.532	5.57	0.005	765.1	0.02
MRC157	MD9097	19	20	2.65	0.109	53.34	20.84	6.99	0.55	0.03	0.015	6.34	0.06	0.65	0.043	0.101	6.99	0.005	963.4	0.005
MRC157	MD9098	20	21	1.57	0.078	41.07	27.43	9.3	0.39	0.48	0.013	10.4	0.09	0.93	0.056	0.1	7.4	0.005	694.2	0.01
MRC157	MD9102	21	22	1.25	0.064	41.17	30.78	6.52	1.09	0.42	0.013	9.63	0.18	1.12	0.05	0.051	6.78	0.005	572.9	0.01
MRC157	MD9103	22	23	2.98	0.121	39.1	29.92	7.1	0.45	2.01	0.008	10.41	0.1	0.79	0.053	0.301	5.68	0.005	685.4	0.02
MRC157	MD9104	23	24	1.5	0.072	43.87	30.96	5.65	0.69	0.29	0.017	8.15	0.16	1.06	0.044	0.067	5.94	0.005	605.9	0.02
MRC157	MD9105	24	25	1.62	0.074	53.84	24.96	4.54	0.5	0.04	0.02	6.55	0.15	0.95	0.035	0.065	5.55	0.005	921.5	0.02
MRC158	MD9107	0	1	1.26	0.08	61.74	18.18	9.91	0.22	0.48	0.07	1.01	0.08	0.14	0.028	0.053	6.61	0.005	370.1	0.005
MRC158	MD9108	1	2	4.17	0.216	38.76	28.24	17.3	0.13	0.21	0.096	0.45	0.02	0.1	0.0025	0.075	9.54	0.005	1651.8	0.005
MRC158	MD9109	2	3	7.74	0.365	52.33	19.56	11.29	0.26	0.15	0.119	0.55	0.02	0.12	0.01	0.258	7.48	0.005	1313.7	0.01
MRC158	MD9110	3	4	4.07	0.135	57.86	16.23	9.3	0.18	0.02	0.261	0.26	0.02	0.17	0.016	0.522	10.26	0.005	1960.5	0.02
MRC158	MD9111	4	5	6.29	0.213	62.07	11.04	9.04	0.26	0.005	0.27	0.33	0.01	0.13	0.023	0.416	9.31	0.005	1826.7	0.02
MRC158	MD9112	5	6	6.98	0.307	62.89	12	9.13	0.27	0.005	0.202	0.35	0.02	0.19	0.023	0.396	7.36	0.005	2196.2	0.02
MRC158	MD9113	6	7	5.37	0.152	63.15	10.12	9.11	0.21	0.02	0.334	0.32	0.01	0.2	0.037	0.69	10.04	0.005	1220.6	0.02
MRC158	MD9114	7	8	8.32	0.279	63.39	10.15	9.39	0.32	0.005	0.192	0.35	0.02	0.2	0.021	0.473	7.14	0.005	992.8	0.02
MRC158	MD9115	8	9	5.56	0.271	56.46	15.48	12.98	0.21	0.02	0.151	0.26	0.03	0.21	0.009	0.339	7.51	0.005	612.5	0.02
MRC158	MD9116	9	10	2.22	0.102	48.97	19.88	17.31	0.14	0.005	0.18	0.12	0.02	0.23	0.007	0.059	10.12	0.005	836	0.005
MRC158	MD9117	10	11	2.52	0.111	54.04	17.14	15.21	0.13	0.005	0.171	0.1	0.02	0.25	0.011	0.06	9.66	0.005	961.9	0.02
MRC158	MD9118	11	12	2.28	0.122	45.74	22.25	19.03	0.14	0.005	0.121	0.11	0.02	0.23	0.011	0.079	9.76	0.005	907.4	0.02
MRC158	MD9119	12	13	2.59	0.138	41.84	24.22	20.41	0.16	0.005	0.1	0.11	0.03	0.25	0.007	0.093	9.58	0.005	1097.1	0.01

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC158	MD9120	13	14	5.12	0.215	66.59	10.8	8.7	0.4	0.005	0.16	0.27	0.02	0.27	0.015	0.431	6.78	0.005	1736.7	0.01
MRC158	MD9121	14	15	4.15	0.201	61.9	13.75	11.16	0.29	0.005	0.133	0.28	0.02	0.24	0.011	0.146	7.06	0.005	2255.8	0.01
MRC158	MD9122	15	16	2.98	0.161	59.91	15.53	12.47	0.28	0.005	0.118	0.24	0.02	0.23	0.007	0.036	7.36	0.005	1738.7	0.02
MRC158	MD9123	16	17	2.6	0.137	61.35	14.21	11.05	0.33	0.005	0.174	0.22	0.01	0.19	0.018	0.04	8.92	0.005	1065.5	0.02
MRC158	MD9124	17	18	1.83	0.126	64.14	14.77	8	0.35	0.005	0.181	0.15	0.02	0.19	0.025	0.237	9.16	0.005	1478.6	0.005
MRC158	MD9125	18	19	2.84	0.145	60.81	16.64	8.72	0.26	0.005	0.114	0.33	0.03	0.27	0.029	0.5	8.28	0.005	784.5	0.02
MRC158	MD9126	19	20	1.21	0.052	69.88	14.74	4.6	0.73	0.005	0.074	1.32	0.08	0.49	0.017	0.139	5.6	0.005	1265.6	0.02
MRC158	MD9130	20	21	2.28	0.107	45.73	24.85	8.48	0.78	0.03	0.026	8.35	0.11	0.88	0.042	0.6	6.75	0.005	1122.9	0.03
MRC158	MD9131	21	22	1.66	0.082	43.93	29.18	5.92	0.53	0.24	0.02	10.08	0.1	0.8	0.033	0.284	6.01	0.005	693.6	0.02
MRC158	MD9132	22	23	0.76	0.032	45.68	37.2	3.15	0.63	0.04	0.026	4.73	0.16	0.93	0.027	0.057	5.19	0.005	729.1	0.01
MRC158	MD9133	23	24	0.91	0.041	43.95	33.85	4.13	0.64	0.63	0.022	7.74	0.12	0.78	0.033	0.127	5.58	0.005	598	0.03
MRC158	MD9134	24	25	1.51	0.053	46.09	30.67	4.92	0.65	0.6	0.02	7.86	0.12	0.75	0.032	0.275	5.56	0.005	528.9	0.02
MRC159	MD9135	0	1	1.4	0.086	30.95	34.37	20.26	0.11	0.07	0.036	0.89	0.05	0.17	0.0025	0.069	10.73	0.005	1134.1	0.02
MRC159	MD9136	1	2	1.13	0.068	34.92	31.51	19.75	0.04	0.03	0.092	0.21	0.05	0.09	0.0025	0.054	11.69	0.005	1795.8	0.02
MRC159	MD9137	2	3	1.06	0.072	36.09	32.26	18.01	0.04	0.01	0.108	0.12	0.08	0.14	0.0025	0.046	11.33	0.005	2296.9	0.02
MRC159	MD9138	3	4	1.14	0.066	32.88	34.14	19.4	0.07	0.005	0.1	0.15	0.06	0.18	0.0025	0.05	11.34	0.005	1690.4	0.02
MRC159	MD9139	4	5	1.97	0.125	31.46	33.84	20.37	0.05	0.005	0.088	0.15	0.07	0.25	0.0025	0.069	10.99	0.005	1657	0.02
MRC159	MD9140	5	6	11.98	0.692	62.37	12.4	8.03	0.28	0.005	0.043	0.32	0.02	0.07	0.007	0.023	3.47	0.005	1897	0.01
MRC159	MD9141	6	7	12.81	0.704	66.41	10.48	6.38	0.29	0.005	0.035	0.4	0.02	0.08	0.008	0.052	2.65	0.005	3032.5	0.02
MRC159	MD9142	7	8	13.04	0.729	67.31	9.63	5.94	0.3	0.005	0.032	0.47	0.02	0.08	0.006	0.084	2.31	0.005	2753.7	0.01
MRC159	MD9143	8	9	10.25	0.567	61.31	15.99	6.71	0.2	0.01	0.039	1.2	0.03	0.2	0.007	0.151	3.67	0.005	3547.2	0.01
MRC159	MD9144	9	10	2.44	0.145	33.02	40.85	11.36	0.08	0.39	0.036	2.3	0.12	0.82	0.01	0.284	7.45	0.005	844	0.01
MRC159	MD9145	10	11	1.35	0.095	16.46	46.71	22.45	0.03	0.02	0.041	1.21	0.29	0.92	0.014	0.061	9.8	0.005	464.7	0.01
MRC159	MD9146	11	12	0.54	0.053	37.36	34.81	14.58	0.23	0.02	0.04	0.69	0.22	0.58	0.019	0.036	10.09	0.005	832.7	0.01
MRC159	MD9147	12	13	0.48	0.047	32.51	37.66	16.94	0.17	0.02	0.047	0.81	0.3	0.66	0.007	0.037	10.06	0.005	1124.5	0.01
MRC159	MD9148	13	14	0.46	0.047	30.35	38.2	18.28	0.15	0.005	0.043	1.06	0.37	0.75	0.006	0.036	10.05	0.005	1222.8	0.005
MRC159	MD9149	14	15	0.4	0.044	15.01	46.3	23.28	0.03	0.005	0.035	2.27	1.17	0.99	0.005	0.049	9.81	0.005	1277.4	0.005
MRC159	MD9150	15	16	0.32	0.041	18.73	41.02	21.07	0.12	0.02	0.025	5.49	3.54	0.75	0.009	0.056	8.13	0.005	1944.2	0.02
MRC159	MD9151	16	17	0.61	0.053	27.94	33.89	18.42	0.15	0.03	0.032	6.72	3.76	0.59	0.007	0.065	7.44	0.005	1911.1	0.005
MRC159	MD9152	17	18	0.75	0.05	21.63	37.78	21.03	0.08	0.005	0.028	6.33	2.01	0.86	0.012	0.078	8.85	0.005	1365.9	0.005
MRC159	MD9153	18	19	0.64	0.033	37.9	33.36	8.35	0.27	0.55	0.024	11.13	0.11	0.8	0.018	0.052	6.54	0.005	906.4	0.02
MRC159	MD9154	19	20	0.53	0.029	38.89	44.23	4.46	0.41	0.12	0.021	4.76	0.06	0.44	0.016	0.026	5.13	0.005	1113.3	0.02
MRC159	MD9158	20	21	0.73	0.034	46.27	33.97	4.95	0.54	0.17	0.022	6.91	0.04	0.48	0.023	0.036	5.53	0.005	1357.9	0.02
MRC159	MD9159	21	22	0.63	0.025	40.5	37.28	3.64	0.93	0.73	0.013	9.36	0.05	0.37	0.017	0.026	5.01	0.005	1666.9	0.02
MRC159	MD9160	22	23	0.95	0.03	33.78	40.31	3.44	0.54	1.38	0.011	14.01	0.08	0.62	0.014	0.083	4.54	0.005	1801.7	0.01
MRC159	MD9161	23	24	0.56	0.021	31.17	44.25	2.94	0.46	1.11	0.011	13.85	0.08	0.59	0.013	0.034	4.35	0.005	1755.3	0.02
MRC159	MD9162	24	25	0.58	0.019	31.61	44.08	3.49	0.31	0.83	0.011	12.27	0.08	0.63	0.012	0.035	5.11	0.005	1083.8	0.02
MRC160	MD9163	0	1	1.27	0.1	24.96	35.6	24.49	0.03	0.14	0.04	0.45	0.08	0.12	0.0025	0.116	11.89	0.005	1190.8	0.02
MRC160	MD9164	1	2	0.79	0.054	39.47	28.31	17.99	0.22	0.07	0.086	0.31	0.02	0.14	0.017	0.076	11.84	0.005	1944.2	0.01
MRC160	MD9165	2	3	1.12	0.075	30.08	32.09	23.18	0.11	0.02	0.125	0.15	0.02	0.15	0.006	0.093	12.35	0.005	2122.3	0.02
MRC160	MD9166	3	4	1.09	0.08	32.83	29.34	22.52	0.1	0.02	0.157	0.17	0.02	0.19	0.005	0.091	12.83	0.005	1763.7	0.02
MRC160	MD9167	4	5	1.15	0.086	27.15	33.1	24.53	0.03	0.02	0.134	0.19	0.03	0.22	0.0025	0.121	12.48	0.005	2229.8	0.01
MRC160	MD9168	5	6	1.1	0.07	42.28	23.02	19.39	0.03	0.005	0.253	0.14	0.03	0.17	0.0025	0.256	13.18	0.005	2505.7	0.01
MRC160	MD9169	6	7	2.33	0.089	48.56	18.89	14.98	0.08	0.005	0.293	0.29	0.03	0.2	0.008	1.107	12.48	0.005	2223.4	0.02
MRC160	MD9170	7	8	2.03	0.081	47.97	20.8	14.92	0.05	0.005	0.231	0.28	0.04	0.24	0.006	1.048	12.18	0.005	1897.3	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC160	MD9171	8	9	2	0.077	46.91	24.18	12.37	0.04	0.005	0.128	0.86	0.07	0.32	0.012	1.098	10.7	0.005	640.7	0.02
MRC160	MD9172	9	10	2.97	0.106	37.78	32.22	13.36	0.1	0.04	0.045	2.95	0.09	0.56	0.013	0.658	8.47	0.005	1233.7	0.02
MRC160	MD9173	10	11	3.99	0.107	28.89	34.68	17.85	0.18	0.03	0.041	3.23	0.13	0.81	0.014	0.292	8.66	0.005	771.2	0.03
MRC160	MD9174	11	12	1.7	0.067	44.34	31.87	7.73	0.08	0.02	0.025	4.08	0.06	0.45	0.013	1.116	7.74	0.005	468.9	0.02
MRC160	MD9175	12	13	2.39	0.079	47.47	25.21	9.17	0.11	0.005	0.026	4.11	0.07	0.61	0.021	1.235	8.16	0.005	1145.8	0.03
MRC160	MD9176	13	14	1.41	0.059	29.52	38.1	7.22	0.1	0.09	0.009	15.78	0.03	0.57	0.011	0.687	5.8	0.005	1143.6	0.02
MRC160	MD9177	14	15	1.28	0.044	49.26	26.13	5.98	0.58	0.07	0.032	6.14	0.05	0.48	0.026	0.935	7.5	0.005	716.2	0.005
MRC160	MD9178	15	16	1.22	0.039	43.33	31.78	5.06	1.19	0.1	0.033	6.62	0.12	0.79	0.025	0.902	7.42	0.005	1075.8	0.02
MRC160	MD9179	16	17	1.32	0.046	40.53	35.04	5.21	0.23	0.04	0.04	7.54	0.12	0.97	0.016	1.007	6.89	0.005	585.5	0.02
MRC160	MD9180	17	18	1.22	0.037	34.41	41.69	5.67	0.17	0.06	0.037	6.9	0.11	0.81	0.012	0.908	6.97	0.005	774.7	0.02
MRC160	MD9181	18	19	0.97	0.031	30.43	48.01	4.55	0.53	0.01	0.03	5.88	0.11	0.72	0.012	0.792	-9.22	0.005	1004.8	0.02
MRC160	MD9182	19	20	0.81	0.027	26.9	55.27	3.62	0.3	0.01	0.03	5.4	0.1	0.64	0.012	0.682	5.54	0.005	825	0.005
MRC160	MD9186	20	21	1.52	0.055	28.59	37.6	8.1	0.26	0.11	0.016	14.51	0.06	0.38	0.01	0.565	7.41	0.005	1999.9	0.03
MRC160	MD9187	21	22	0.84	0.024	25.09	55.56	3.41	0.32	0.15	0.019	7.24	0.08	0.49	0.008	0.653	5.01	0.005	1162	0.005
MRC160	MD9188	22	23	0.86	0.026	25.22	55.29	3.48	0.24	0.1	0.018	7.66	0.07	0.47	0.009	0.649	4.83	0.005	1363.7	0.02
MRC160	MD9189	23	24	0.78	0.024	23.37	57.27	3.45	0.52	0.36	0.014	7.64	0.07	0.36	0.009	0.599	4.92	0.005	1049.1	0.01
MRC160	MD9190	24	25	0.64	0.023	22.35	58.85	3.43	0.36	0.48	0.006	8.21	0.04	0.14	0.009	0.577	4.11	0.005	1973.5	0.01
MRC161	MD9191	0	1	8.11	0.537	52.79	18.27	12.3	0.23	0.04	0.052	0.32	0.03	0.06	0.009	0.218	6.58	0.005	1078.3	0.01
MRC161	MD9192	1	2	4.39	0.267	48.99	20.34	13.34	0.13	0.005	0.189	0.24	0.005	0.12	0.012	0.396	10.57	0.005	1851.5	0.02
MRC161	MD9193	2	3	6.73	0.379	55.07	17.04	10.75	0.2	0.005	0.125	0.6	0.02	0.13	0.016	0.278	7.99	0.005	2436.5	0.01
MRC161	MD9194	3	4	3.96	0.206	44.23	26.32	14.44	0.14	0.005	0.092	0.42	0.03	0.24	0.015	0.332	9.83	0.005	1505.6	0.02
MRC161	MD9195	4	5	2.88	0.108	42.93	31.69	9.75	0.14	0.08	0.06	1.18	0.07	0.51	0.015	0.486	9.04	0.005	801.5	0.02
MRC161	MD9196	5	6	2.58	0.086	39.04	39.83	5.63	0.13	0.79	0.025	2.87	0.1	0.64	0.014	0.549	6.98	0.005	590	0.02
MRC161	MD9197	6	7	1.09	0.041	40.65	38.64	6.22	0.06	0.15	0.025	2.04	0.12	0.66	0.008	0.169	9.04	0.005	641.2	0.02
MRC161	MD9198	7	8	1.16	0.027	27.65	45.35	7.79	0.1	1.18	0.012	8.16	0.11	0.71	0.0025	0.095	6.64	0.005	736	0.02
MRC161	MD9199	8	9	1	0.028	25.86	45.51	5.35	0.09	3.32	0.02	10.79	0.11	0.92	0.011	0.191	5.74	0.005	1162.2	0.005
MRC161	MD9200	9	10	1.06	0.038	27.57	46.76	3.47	0.17	3.26	0.017	10.57	0.1	0.9	0.012	0.326	5.14	0.005	1230.4	0.01
MRC161	MD9201	10	11	0.56	0.019	27.58	44.67	5.34	0.41	1.43	0.021	12.02	0.1	0.99	0.015	0.086	6.24	0.005	1110.4	0.02
MRC161	MD9202	11	12	0.97	0.033	28.76	41.04	5.58	0.17	2.39	0.012	13.89	0.06	0.68	0.01	0.172	5.77	0.005	1533.6	0.01
MRC161	MD9203	12	13	1.02	0.042	18.7	45.2	6.05	0.21	6.79	0.011	16.06	0.05	0.46	0.013	0.292	4.06	0.005	2104.5	0.02
MRC161	MD9204	13	14	1.24	0.045	18.17	43.03	8.21	0.27	5.74	0.01	16.18	0.05	0.48	0.011	0.338	5.04	0.005	1865.6	0.02
MRC161	MD9205	14	15	2.48	0.091	26.5	35.42	10.81	0.28	2.05	0.009	13.59	0.06	0.79	0.017	0.43	6.51	0.005	1675.5	0.02
MRC161	MD9206	15	16	1.18	0.04	21.59	43.7	5.29	0.17	6.15	0.011	15.74	0.06	0.58	0.014	0.452	4.62	0.005	604.5	0.02
MRC161	MD9207	16	17	1.05	0.035	22.89	45.51	5.52	0.14	4.35	0.014	12.63	0.09	0.74	0.01	0.471	5.71	0.005	739.9	0.01
MRC161	MD9208	17	18	1.13	0.04	26.77	42.28	5.52	0.22	3.84	0.014	12.12	0.08	0.72	0.007	0.396	5.52	0.005	1568.7	0.02
MRC161	MD9209	18	19	0.94	0.034	31.17	42.06	4.22	0.31	3.5	0.012	9.63	0.06	0.52	0.01	0.464	5.8	0.005	289.5	0.02
MRC161	MD9210	19	20	1.81	0.055	25.53	46.44	6.59	0.26	2.11	0.018	7.84	0.12	0.96	0.016	0.813	5.73	0.005	904.4	0.02
MRC161	MD9214	20	21	1.27	0.042	21.62	45.09	5.14	0.24	5.72	0.013	14.09	0.07	0.53	0.007	0.68	4.51	0.005	1967.1	0.01
MRC161	MD9215	21	22	1.16	0.042	18.98	47.32	4.41	0.22	6.4	0.009	15.13	0.05	0.35	0.009	0.679	4.25	0.005	1647.3	0.01
MRC161	MD9216	22	23	1.16	0.043	30.56	41.61	4.36	0.55	2.93	0.012	11.3	0.06	0.42	0.011	0.693	5.59	0.005	1718.2	0.01
MRC161	MD9217	23	24	0.88	0.035	25.95	52.9	3.07	0.57	1.61	0.021	7.27	0.12	0.68	0.007	0.646	4.94	0.005	1029	0.01
MRC161	MD9218	24	25	0.88	0.033	26.24	53.95	4.51	0.28	0.36	0.024	5.98	0.11	0.71	0.006	0.636	5.53	0.005	1329.5	0.02
MRC162	MD9219	0	1	5.17	0.515	36.92	24.99	19.46	0.11	0.08	0.086	0.39	0.04	0.005	0.0025	0.366	11.25	0.005	630.6	0.005
MRC162	MD9220	1	2	7.86	0.481	34.8	28.48	17.36	0.21	0.04	0.072	0.27	0.005	0.06	0.0025	0.323	9.48	0.005	2491.8	0.02
MRC162	MD9221	2	3	9.56	0.333	34.82	29.07	15.67	0.28	0.03	0.059	0.34	0.03	0.1	0.0025	0.205	9.33	0.005	1940.6	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC162	MD9222	3	4	7.41	0.411	39.74	26.92	14.61	0.23	0.01	0.06	0.44	0.03	0.18	0.005	0.338	9.01	0.005	2008	0.02
MRC162	MD9223	4	5	8.29	0.388	40.43	25.89	13.4	0.22	0.02	0.06	0.34	0.05	0.22	0.011	0.268	9.42	0.005	1970.2	0.01
MRC162	MD9224	5	6	10.18	0.485	52.94	17.1	9.14	0.28	0.01	0.054	0.46	0.04	0.2	0.014	0.294	7.76	0.005	1995.8	0.005
MRC162	MD9225	6	7	8.65	0.538	55.68	17.68	9.77	0.26	0.005	0.033	0.57	0.04	0.21	0.012	0.238	6.21	0.005	3001.1	0.005
MRC162	MD9226	7	8	5.63	0.334	45.43	26.36	12.57	0.2	0.005	0.026	0.5	0.08	0.37	0.012	0.299	7.63	0.005	2055.5	0.005
MRC162	MD9227	8	9	5.93	0.293	46.14	30.41	7.9	0.18	0.005	0.019	1.39	0.11	0.61	0.014	0.298	6.69	0.005	1463.2	0.02
MRC162	MD9228	9	10	2.93	0.143	39.68	34.38	10.06	0.17	0.005	0.017	2.15	0.14	0.93	0.019	0.472	7.43	0.005	1375.2	0.03
MRC162	MD9229	10	11	1.92	0.096	50.58	27.59	6.45	0.23	0.05	0.031	1.99	0.14	0.75	0.017	0.337	8.39	0.005	1246.6	0.005
MRC162	MD9230	11	12	2.09	0.075	41.8	36.82	5.64	0.17	0.46	0.019	3.92	0.13	0.73	0.009	0.343	7.01	0.005	1650.8	0.01
MRC162	MD9231	12	13	1.24	0.059	34.58	40.15	4.55	0.57	2.21	0.017	8.27	0.13	0.75	0.013	0.289	5.93	0.005	1740	0.005
MRC162	MD9232	13	14	1.22	0.055	24.92	53.38	2.87	0.16	3.14	0.027	8.34	0.14	0.77	0.007	0.41	4.12	0.005	1658.4	0.005
MRC162	MD9233	14	15	1.06	0.047	22.89	56.87	2.39	0.13	2.95	0.009	8.21	0.13	0.62	0.0025	0.382	3.97	0.005	1991.7	0.01
MRC162	MD9234	15	16	1.1	0.042	25.05	49.59	3.11	0.24	3.53	0.01	11.09	0.11	0.72	0.005	0.341	4.36	0.005	1739.2	0.005
MRC162	MD9235	16	17	0.7	0.021	22.76	53.44	3.53	0.26	2.56	0.007	10.11	0.11	0.67	0.0025	0.12	4.7	0.005	1337.3	0.02
MRC162	MD9236	17	18	0.94	0.045	28.33	48.86	2.69	0.56	2.99	0.012	8.96	0.13	0.73	0.005	0.428	4.47	0.005	1393.2	0.01
MRC162	MD9237	18	19	1.02	0.034	23.17	46.82	4.47	0.16	2.97	0.013	13.84	0.1	0.78	0.0025	0.36	5.19	0.005	2069.5	0.02
MRC162	MD9238	19	20	1.56	0.061	33.18	41.52	4.09	0.14	1.86	0.028	9.39	0.15	1.06	0.009	0.626	5.32	0.005	1631.5	0.005
MRC162	MD9242	20	21	1.26	0.044	25.24	46.71	4.41	0.44	2.75	0.013	11.79	0.1	0.69	0.007	0.437	5	0.005	2213.8	0.02
MRC162	MD9243	21	22	1.7	0.049	26.77	44.76	6.05	0.17	1.29	0.011	11.1	0.07	0.71	0.016	0.457	5.81	0.005	1911	0.02
MRC162	MD9244	22	23	0.71	0.028	28.33	52.17	3.14	0.44	1.27	0.009	6.36	0.08	0.35	0.008	0.507	5.71	0.005	1658.8	0.01
MRC162	MD9245	23	24	0.7	0.026	20.8	58.83	2.6	0.8	1.84	0.01	8.05	0.09	0.48	0.005	0.532	4.07	0.005	2108.7	0.005
MRC162	MD9246	24	25	0.67	0.025	21.51	58.25	2.99	0.13	2.14	0.011	8.88	0.07	0.42	0.005	0.512	4.08	0.005	2908	0.01
MRC163	MD9247	0	1	3.74	0.147	19.92	52.29	12.75	0.09	0.83	0.016	2.31	0.21	0.62	0.005	0.22	6.14	0.005	1201.3	0.02
MRC163	MD9248	1	2	5.57	0.27	34.64	39.32	8.28	0.17	1.71	0.016	3.83	0.09	0.51	0.009	0.251	4.56	0.005	3676.9	0.01
MRC163	MD9249	2	3	5.94	0.275	38.83	35.04	9.41	0.2	1.21	0.036	2.95	0.08	0.56	0.009	0.217	5.56	0.005	2476.7	0.02
MRC163	MD9250	3	4	3.81	0.178	37.18	35.73	6.86	0.19	3.22	0.04	6.47	0.06	0.41	0.008	0.339	5.07	0.005	1610.1	0.02
MRC163	MD9251	4	5	4.23	0.168	38.34	36.86	7.02	0.16	1.8	0.032	5.06	0.07	0.42	0.007	0.52	4.55	0.005	1474.6	0.02
MRC163	MD9252	5	6	2.59	0.094	30.58	45.02	8	0.12	1.43	0.037	4	0.11	0.64	0.006	0.504	5.93	0.005	1408.1	0.02
MRC163	MD9253	6	7	3.02	0.104	50.39	29.21	5.92	0.25	0.54	0.065	1.98	0.06	0.6	0.018	0.628	6.11	0.005	569.4	0.005
MRC163	MD9254	7	8	3.16	0.097	54.48	25.28	4.9	0.32	0.23	0.029	1.97	0.06	0.46	0.023	0.51	7.1	0.005	1155	0.01
MRC163	MD9255	8	9	3.82	0.094	43.58	33.28	4.69	0.26	1.62	0.022	5.33	0.06	0.51	0.017	0.52	5.3	0.005	1581.4	0.01
MRC163	MD9256	9	10	2.58	0.098	36.53	37.56	3.67	0.21	4.31	0.016	9.64	0.04	0.34	0.011	0.436	3.85	0.005	2871.8	0.01
MRC163	MD9257	10	11	1.9	0.102	27.46	35.74	7.98	0.21	4.09	0.008	16.32	0.02	0.75	0.016	0.191	4.9	0.005	4198.4	0.02
MRC163	MD9258	11	12	1.93	0.084	33.57	37.81	4.54	0.21	3.98	0.017	11.61	0.04	0.5	0.017	0.423	4.54	0.005	3125	0.02
MRC163	MD9259	12	13	1.25	0.057	34.09	40.94	3.98	0.17	2.65	0.021	9.49	0.04	0.55	0.017	0.417	5.23	0.005	2434.3	0.02
MRC163	MD9260	13	14	1.83	0.08	31.12	38.53	4.23	0.25	4.59	0.018	13.15	0.04	0.44	0.014	0.272	4.42	0.005	1909.1	0.02
MRC163	MD9261	14	15	2.08	0.044	39.8	35.89	3.71	0.25	2.63	0.019	8.57	0.04	0.43	0.014	0.245	5.28	0.005	1659.9	0.01
MRC163	MD9262	15	16	1.01	0.033	33.76	42.29	4	0.24	2.13	0.019	10.21	0.06	0.59	0.013	0.073	4.69	0.005	2070.2	0.01
MRC163	MD9263	16	17	0.71	0.01	39.73	39.55	2.89	0.6	2.44	0.02	8.25	0.08	0.51	0.013	0.028	4.05	0.005	2189	0.02
MRC163	MD9264	17	18	0.69	0.023	27.45	40.04	5.36	0.19	1.59	0.009	18.28	0.03	0.34	0.009	0.083	5.57	0.005	4017.2	0.02
MRC163	MD9265	18	19	0.66	0.015	32.61	47.67	2.57	0.47	1.1	0.014	8.29	0.09	0.55	0.011	0.05	5.17	0.005	1500.9	0.02
MRC163	MD9266	19	20	0.94	0.031	37.83	39.81	3.08	0.5	1.54	0.015	9.59	0.08	0.63	0.013	0.148	5.52	0.005	1797.1	0.02
MRC163	MD9270	20	21	1.2	0.042	27.93	41.35	3.74	0.38	2.59	0.005	15.23	0.05	0.4	0.012	0.272	6.66	0.005	1186.5	0.02
MRC163	MD9271	21	22	1.34	0.041	33.37	39.73	3.41	0.43	2.14	0.003	11.73	0.07	0.44	0.01	0.216	6.6	0.005	2110.5	0.01
MRC163	MD9272	22	23	0.64	0.02	32.25	39.63	5.12	0.14	0.66	0.002	14.51	0.06	0.39	0.012	0.045	6.51	0.005	2397.9	0.01

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC163	MD9273	23	24	0.71	0.014	28.72	47.91	3.86	0.34	0.66	0.003	10.56	0.08	0.44	0.012	0.05	6.03	0.005	2515.1	0.02
MRC163	MD9274	24	25	0.76	0.025	27	50.61	3.2	0.41	1.38	0.001	10.29	0.08	0.34	0.009	0.133	5.99	0.005	1363.7	0.02
MRC164	MD9275	0	1	3.31	0.158	19.05	22.52	6.07	0.13	15.06	0.035	11	0.41	0.58	0.005	0.034	21.91	0.005	757.5	0.02
MRC164	MD9276	1	2	6.59	0.304	33.3	33.26	5.03	0.26	8.36	0.023	8.58	0.37	0.7	0.014	0.0025	3.75	0.005	1856.2	0.02
MRC164	MD9277	2	3	5.92	0.272	30.87	36.24	5.56	0.25	8.37	0.015	8.76	0.38	0.78	0.013	0.0025	2.45	0.005	3037.1	0.02
MRC164	MD9278	3	4	6.53	0.301	30.68	35.34	7.44	0.24	6.72	0.018	7.18	0.86	0.94	0.016	0.0025	3.1	0.005	2650.9	0.02
MRC164	MD9279	4	5	6.63	0.327	35.99	32.65	8.34	0.18	3.98	0.028	5.81	0.8	1.02	0.019	0.0025	4.43	0.005	2740	0.005
MRC164	MD9280	5	6	3.35	0.163	27.42	39.03	8.08	0.19	6.21	0.032	9.47	0.57	0.82	0.009	0.137	6.21	0.005	702.6	0.005
MRC164	MD9281	6	7	2.35	0.088	19.57	44.82	7.53	0.15	3.68	0.039	13.56	3.22	0.61	0.012	0.253	3.5	0.005	1452.6	0.02
MRC164	MD9282	7	8	3.03	0.1	34.92	42.16	3.29	0.22	2.85	0.07	7.07	0.58	0.46	0.011	0.361	4.56	0.005	1465.7	0.01
MRC164	MD9283	8	9	4.69	0.148	46.85	34.78	2.3	0.31	1.14	0.099	2.95	0.15	0.43	0.009	0.574	4.78	0.005	997.1	0.005
MRC164	MD9284	9	10	4.79	0.193	33.7	40.01	3.08	0.34	4.5	0.034	9.32	0.09	0.38	0.009	0.249	3.32	0.005	1566.8	0.02
MRC164	MD9285	10	11	6.72	0.27	34.93	36.64	8.4	0.26	3.09	0.021	4.7	0.14	0.59	0.012	0.008	4.39	0.005	1919.4	0.02
MRC164	MD9286	11	12	8.68	0.374	42.12	29.44	7.65	0.27	2.7	0.015	4.21	0.1	0.5	0.014	0.0025	3.52	0.005	2175.9	0.005
MRC164	MD9287	12	13	7.91	0.321	40.4	30.9	6.85	0.29	3.05	0.01	5.15	0.09	0.52	0.017	0.015	3.77	0.005	1399.1	0.01
MRC164	MD9288	13	14	6.92	0.29	36.94	33.75	5.6	0.34	4.38	0.011	7.07	0.1	0.56	0.016	0.014	3.13	0.005	1974.6	0.02
MRC164	MD9289	14	15	6.84	0.302	34.66	35.01	5.33	0.3	6.24	0.009	8.11	0.14	0.56	0.013	0.0025	1.95	0.005	3407.9	0.01
MRC164	MD9290	15	16	6.83	0.303	34.01	35.92	5.48	0.29	6.03	0.009	8.09	0.14	0.56	0.014	0.0025	2.07	0.005	3448.3	0.02
MRC164	MD9291	16	17	7.05	0.306	34.57	36.13	5.62	0.29	5.52	0.011	7.66	0.13	0.62	0.015	0.0025	2.34	0.005	3307.3	0.01
MRC164	MD9292	17	18	8.12	0.344	50.69	23.91	4.63	0.29	2.14	0.015	4.66	0.05	0.47	0.02	0.228	3.99	0.005	1462.3	0.01
MRC164	MD9293	18	19	5.54	0.188	51.25	24.38	4.49	0.42	0.64	0.032	3.99	0.04	0.5	0.045	0.446	6.7	0.005	1053.2	0.01
MRC164	MD9294	19	20	3.96	0.17	31.86	37.56	4.7	0.43	5.86	0.012	11.21	0.06	0.43	0.02	0.272	3.62	0.005	1365.1	0.02
MRC164	MD9298	20	21	4.24	0.211	32.68	36.55	3.91	0.26	5.93	0.008	12.74	0.03	0.33	0.01	0.081	2.55	0.005	2963.6	0.02
MRC164	MD9299	21	22	3.23	0.159	27.21	40.88	3.5	0.21	7.83	0.008	13.85	0.05	0.29	0.007	0.159	2.41	0.005	2632.7	0.01
MRC164	MD9300	22	23	7.96	0.359	40.73	30.4	6.87	0.28	3.12	0.012	5.47	0.15	0.63	0.019	0.029	3.38	0.005	2111.7	0.01
MRC164	MD9301	23	24	5.44	0.267	36.87	33.35	8.9	0.33	3.63	0.012	5.64	0.19	0.77	0.018	0.041	3.86	0.005	1681.2	0.01
MRC164	MD9302	24	25	12.77	0.666	59.46	14.81	5.06	0.3	0.6	0.008	3.28	0.05	0.44	0.015	0.0025	1.92	0.005	1482.1	0.01
MRC165	MD9303	0	1	2.21	0.102	20.64	42.2	13.29	0.2	8.35	0.02	6.12	0.32	2.17	0.0025	0.119	4.16	0.005	587.3	0.02
MRC165	MD9304	1	2	1.51	0.073	15.67	47.49	14.05	0.16	8.36	0.018	7.02	0.25	2.49	0.0025	0.078	2.59	0.005	932.8	0.02
MRC165	MD9305	2	3	1.14	0.062	14.52	49.3	14.92	0.14	7.96	0.016	6.05	0.2	2.65	0.0025	0.067	2.49	0.005	2158.9	0.02
MRC165	MD9306	3	4	0.89	0.051	12.53	50.46	15.94	0.12	8.06	0.018	5.89	0.21	2.62	0.0025	0.052	2.59	0.005	2084.6	0.01
MRC165	MD9307	4	5	0.92	0.056	13.19	52.28	16.67	0.07	5.7	0.034	3.74	0.43	2.93	0.0025	0.045	3.51	0.005	3245.7	0.02
MRC165	MD9308	5	6	1	0.084	13.8	53.83	16.26	0.05	4.03	0.082	2.94	0.54	2.36	0.0025	0.037	4.99	0.005	1786.1	0.02
MRC165	MD9309	6	7	0.9	0.052	13.05	51.41	15.46	0.11	7.09	0.031	5.32	0.31	2.72	0.0025	0.043	2.85	0.005	1994.3	0.02
MRC165	MD9310	7	8	0.92	0.048	13.21	51.49	15.29	0.11	7.37	0.02	5.41	0.21	2.89	0.0025	0.046	2.5	0.005	1908.1	0.02
MRC165	MD9311	8	9	0.89	0.047	13.11	50.73	15.16	0.12	7.77	0.013	6.17	0.27	2.8	0.0025	0.046	2.38	0.005	1758.3	0.02
MRC165	MD9312	9	10	0.9	0.046	12.94	50.45	15.14	0.14	8.37	0.009	6.69	0.19	2.54	0.0025	0.05	2.43	0.005	1473.3	0.02
MRC165	MD9313	10	11	0.93	0.049	12.89	49.78	15.73	0.14	8.23	0.01	6.5	0.15	2.65	0.0025	0.047	2.55	0.005	1406.5	0.02
MRC165	MD9314	11	12	1.17	0.045	16.57	48.15	14.12	0.13	5.77	0.021	7.08	0.16	1.67	0.005	0.11	4.6	0.005	881.3	0.02
MRC165	MD9315	12	13	3.15	0.101	33.32	38.1	3.78	0.28	5.18	0.017	11.08	0.02	0.39	0.007	0.482	3.77	0.005	1123.6	0.01
MRC165	MD9316	13	14	3.02	0.091	31.53	40.15	2.78	0.26	5.35	0.017	12.03	0.03	0.49	0.007	0.47	3.27	0.005	2208.2	0.01
MRC165	MD9317	14	15	2.35	0.069	25.82	47.75	2.24	0.25	5.06	0.011	11.72	0.04	0.49	0.0025	0.401	3.17	0.005	1719.4	0.02
MRC165	MD9318	15	16	2.58	0.074	26.29	46.47	2.03	0.31	5.3	0.007	12.52	0.04	0.49	0.006	0.399	3.09	0.005	2463	0.02
MRC165	MD9319	16	17	2.93	0.082	29.21	41.11	2.25	0.33	5.62	0.013	13.22	0.03	0.57	0.006	0.441	3.14	0.005	1849.7	0.02
MRC165	MD9320	17	18	2.46	0.071	24.64	48.56	1.94	0.34	5.16	0.007	11.98	0.04	0.46	0.006	0.371	3.11	0.005	1788.3	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC165	MD9321	18	19	2.56	0.07	26.03	47.61	2.11	0.24	4.74	0.01	11.89	0.04	0.52	0.006	0.397	3.34	0.005	903.2	0.01
MRC165	MD9324	19	20	3.12	0.085	30.97	41.25	2.52	0.39	4.26	0.014	11.68	0.04	0.67	0.012	0.457	3.55	0.005	1177.5	0.02
MRC165	MD9326	20	21	3.12	0.087	31.3	41.22	2.6	0.38	4.24	0.014	11.24	0.05	0.7	0.015	0.454	3.6	0.005	1114.2	0.005
MRC165	MD9327	21	22	2.91	0.086	29.38	42.34	2.42	0.42	4.68	0.013	12.08	0.04	0.62	0.013	0.452	3.52	0.005	737.8	0.02
MRC165	MD9328	22	23	2.72	0.081	28.9	43.47	2.34	0.27	4.93	0.012	11.88	0.04	0.58	0.01	0.445	3.36	0.005	826.6	0.02
MRC165	MD9329	23	24	2.76	0.084	30.92	41.77	2.46	0.32	4.58	0.012	11.34	0.05	0.58	0.012	0.486	3.59	0.005	924.3	0.005
MRC165	MD10618	24	25	3.25	0.118	33.41	35.95	6.89	0.4	1.92	0.016	9.48	1.08	0.91	0.024	0.229	5.52	0.005	959.3	0.01
MRC166	MD9330	0	1	4.66	0.263	50.52	20.27	13.3	0.12	1.4	0.044	0.95	0.27	0.28	0.0025	0.216	7.02	0.005	1467	0.02
MRC166	MD9331	1	2	4.38	0.261	48.07	21.99	13.76	0.13	1.32	0.037	1.24	0.3	0.34	0.0025	0.227	7.27	0.005	1426	0.02
MRC166	MD9332	2	3	4.27	0.238	44.87	24.02	14.6	0.17	1.37	0.045	1.33	0.36	0.51	0.005	0.213	7.58	0.005	1105	0.02
MRC166	MD9333	3	4	3.79	0.188	35.94	31.19	17.11	0.18	0.3	0.077	0.89	0.5	0.76	0.009	0.14	8.15	0.005	415	0.02
MRC166	MD9334	4	5	3.56	0.16	30.13	35.71	17.88	0.11	0.15	0.087	1.03	0.42	0.89	0.017	0.101	9.3	0.005	683	0.02
MRC166	MD9335	5	6	11.6	0.517	50.97	20.91	9.63	0.25	0.03	0.058	0.62	0.08	0.53	0.017	0.025	5.01	0.005	925	0.005
MRC166	MD9336	6	7	10.28	0.47	51.46	23.37	6.85	0.25	0.05	0.026	0.78	0.1	0.57	0.023	0.0025	4.85	0.005	1474	0.005
MRC166	MD9337	7	8	10.55	0.475	49.79	22.82	8.19	0.23	0.005	0.053	0.71	0.09	0.63	0.021	0.006	5.53	0.005	1055	0.01
MRC166	MD9338	8	9	7.88	0.372	41.05	31.16	10.29	0.19	0.01	0.047	1	0.17	0.81	0.029	0.0025	6.49	0.005	1419	0.005
MRC166	MD9339	9	10	12.11	0.569	55.83	19.14	5.94	0.3	0.005	0.044	0.6	0.06	0.51	0.023	0.0025	4.05	0.005	1904	0.01
MRC166	MD9340	10	11	12.68	0.585	59.64	16.74	5.8	0.32	0.005	0.033	0.59	0.04	0.38	0.02	0.0025	3.49	0.005	1275	0.01
MRC166	MD9341	11	12	3.17	0.137	25.7	42.82	16.1	0.09	0.07	0.05	1.02	0.46	0.89	0.018	0.046	8.59	0.005	982	0.005
MRC166	MD9342	12	13	7.34	0.338	42.67	30.9	9.45	0.19	0.11	0.047	1	0.18	0.64	0.013	0.029	6.39	0.005	1053	0.02
MRC166	MD9343	13	14	6.41	0.221	34.12	37.35	10.04	0.28	0.03	0.04	2.34	0.27	1	0.018	0.008	7.18	0.005	899	0.01
MRC166	MD9344	14	15	2.6	0.108	26.13	43.03	14.6	0.13	1.03	0.035	2.22	0.38	1.65	0.016	0.033	7.92	0.005	951	0.01
MRC166	MD9345	15	16	6.63	0.294	35.07	35.41	11	0.22	1.81	0.03	2.56	0.13	1.04	0.014	0.014	5.54	0.005	1406	0.005
MRC166	MD9346	16	17	7.14	0.317	39.12	32.85	7.31	0.24	2.85	0.015	4.13	0.12	0.81	0.012	0.0025	4.37	0.005	1366	0.01
MRC166	MD9347	17	18	4.07	0.181	26.07	41.63	12.28	0.23	4.39	0.017	4.72	0.27	1.33	0.008	0.033	4.92	0.005	2180	0.01
MRC166	MD9348	18	19	0.96	0.058	14.76	47.94	17.4	0.15	6.05	0.014	5.16	0.3	2.04	0.0025	0.045	5.21	0.005	1873	0.01
MRC166	MD9349	19	20	7.57	0.289	28.35	38.58	10.59	0.36	2.39	0.017	3.93	0.51	1.4	0.01	0.022	5.07	0.005	1730	0.005
MRC166	MD9353	20	21	2.04	0.074	18.18	46.34	15.7	0.13	2.9	0.015	4.73	1.34	2.07	0.006	0.034	5.44	0.005	1942	0.005
MRC166	MD9354	21	22	7.06	0.208	27.59	38.3	10.81	0.49	0.5	0.018	4.61	2.13	1.05	0.007	0.025	6.1	0.005	1468	0.005
MRC166	MD9355	22	23	3.06	0.139	24.94	41.81	12.92	0.39	0.52	0.017	4.76	2.28	1.51	0.011	0.041	6.51	0.005	873	0.01
MRC166	MD9356	23	24	1.03	0.048	17.93	46.63	17.14	0.24	1.52	0.012	4.18	2.29	2.44	0.007	0.042	6.2	0.005	409	0.01
MRC166	MD9357	24	25	1.01	0.057	17.73	45.23	17.21	0.33	1.79	0.012	4.96	2.92	2.39	0.007	0.045	5.52	0.005	505	0.005
MRC166	MD9358	25	26	0.91	0.038	13.68	50.18	15.91	0.15	5.85	0.008	5.19	1.08	3.58	0.0025	0.039	2.74	0.005	1999	0.02
MRC166	MD9359	26	27	0.92	0.046	12.99	49.99	15.41	0.15	7.59	0.005	5.95	0.57	3.46	0.0025	0.045	2.1	0.005	2097	0.01
MRC166	MD9360	27	28	0.94	0.039	13.34	50.32	16.38	0.21	5.93	0.009	4.94	0.69	3.49	0.0025	0.047	2.99	0.005	2482	0.02
MRC166	MD9361	28	29	0.96	0.046	13.23	50.53	15.76	0.16	7.23	0.007	5.76	0.38	3.52	0.0025	0.041	2.23	0.005	2546	0.02
MRC166	MD9362	29	30	0.99	0.052	13.13	49.95	15.31	0.16	7.99	0.005	6.33	0.34	3.32	0.0025	0.042	1.98	0.005	2696	0.02
MRC166	MD9363	30	31	0.87	0.049	12.55	49.9	15.01	0.15	8.85	0.003	6.71	0.27	3.38	0.0025	0.039	1.33	0.005	2562	0.02
MRC166	MD9364	31	32	0.9	0.044	13.33	50.03	15.66	0.18	7.38	0.006	5.97	0.35	3.35	0.0025	0.043	2.35	0.005	3147	0.02
MRC166	MD9365	32	33	0.89	0.044	13.5	49.98	16.05	0.2	6.53	0.007	5.5	0.66	3.41	0.0025	0.042	2.69	0.005	2752	0.02
MRC166	MD9366	33	34	0.98	0.049	13.35	49.9	15.9	0.19	6.89	0.008	5.68	0.56	3.31	0.005	0.042	2.46	0.005	2042	0.02
MRC166	MD9367	34	35	0.91	0.053	12.83	49.68	15.02	0.16	9.44	0.003	7.08	0.23	3.02	0.0025	0.038	1.36	0.005	2105	0.01
MRC166	MD9368	35	36	0.87	0.049	12.6	49.87	14.94	0.16	9.58	0.002	7.04	0.18	3.07	0.0025	0.037	1.35	0.005	917	0.005
MRC166	MD9369	36	37	1.32	0.065	14.67	48.67	15.03	0.23	7.78	0.008	6.26	0.24	2.85	0.0025	0.041	2.48	0.005	2314	0.02
MRC166	MD9370	37	38	0.86	0.047	12.52	50.24	15.06	0.16	8.79	0.003	6.89	0.24	3.28	0.0025	0.036	1.43	0.005	3915	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC166	MD9371	38	39	0.85	0.048	12.49	50.13	15.01	0.16	9.01	0.004	6.88	0.26	3.24	0.0025	0.038	1.42	0.005	3724	0.005
MRC166	MD9372	39	40	0.95	0.025	14.05	51.88	17.07	0.13	3.63	0.013	3.3	0.4	3.56	0.0025	0.048	4.83	0.005	1402	0.01
MRC166	MD9376	40	41	0.83	0.044	12.28	50.35	15.29	0.19	8.61	0.005	6.58	0.26	3.25	0.0025	0.041	1.72	0.005	2230	0.005
MRC166	MD9377	41	42	0.83	0.046	12.19	49.9	14.89	0.17	9.76	0.001	7.21	0.15	3.06	0.0025	0.041	1	0.005	2098	0.01
MRC166	MD9378	42	43	0.84	0.047	12.55	50.36	14.95	0.16	8.94	0.003	7.04	0.23	3.1	0.0025	0.044	1.56	0.005	2372	0.02
MRC166	MD9379	43	44	0.93	0.044	13.16	49.91	15.95	0.19	6.15	0.008	5.94	0.58	2.95	0.005	0.044	3.33	0.005	1750	0.02
MRC166	MD9380	44	45	0.85	0.041	12.6	50.28	16.12	0.21	6.6	0.007	5.85	0.65	3.04	0.005	0.045	3.14	0.005	2275	0.02
MRC166	MD9381	45	46	0.81	0.045	11.95	50.29	14.99	0.15	8.93	0.003	7.08	0.38	3.41	0.0025	0.044	1.3	0.005	2063	0.01
MRC166	MD9382	46	47	0.75	0.041	11.97	50.56	15.25	0.21	7.64	0.004	6.82	0.6	3.54	0.005	0.047	2.13	0.005	1701	0.01
MRC166	MD9383	47	48	0.81	0.051	14.39	49.61	15.7	0.17	3.39	0.009	5.89	1.56	3.06	0.006	0.044	4.39	0.005	1656	0.02
MRC166	MD9384	48	49	1.04	0.055	13.22	48.46	18.43	0.12	0.91	0.01	7	1.84	1.66	0.007	0.045	7.05	0.005	1181	0.02
MRC166	MD9385	49	50	1.03	0.057	14.27	48.3	17.73	0.12	0.74	0.012	6.61	1.42	1.46	0.01	0.045	7.42	0.005	1044	0.01
MRC167	MD9386	0	1	2.04	0.13	52.59	18.95	14.16	0.03	0.4	0.078	0.5	0.09	0.05	0.0025	0.059	10.49	0.005	424	0.01
MRC167	MD9387	1	2	3.12	0.192	43.39	25.18	16.52	0.02	0.1	0.082	0.2	0.11	0.04	0.0025	0.035	10.76	0.005	1525	0.02
MRC167	MD9388	2	3	7.6	0.335	33.73	29.59	18.27	0.08	0.04	0.06	0.19	0.04	0.07	0.007	0.21	9.41	0.005	1338	0.01
MRC167	MD9389	3	4	4.68	0.2	33.92	32.76	18.73	0.1	0.04	0.036	0.22	0.08	0.16	0.0025	0.064	9	0.005	2320	0.005
MRC167	MD9390	4	5	4.91	0.18	39.84	27.81	17.14	0.11	0.02	0.041	0.22	0.07	0.12	0.0025	0.356	8.48	0.005	1715	0.005
MRC167	MD9391	5	6	6.21	0.214	43.48	25.42	15.81	0.15	0.01	0.042	0.26	0.08	0.15	0.0025	0.402	7.86	0.005	1967	0.02
MRC167	MD9392	6	7	5.49	0.243	52.36	19.92	13.28	0.13	0.03	0.042	0.22	0.07	0.16	0.0025	0.17	7.81	0.005	1427	0.005
MRC167	MD9393	7	8	7.14	0.14	52.96	17.93	12.4	0.2	0.04	0.045	0.32	0.06	0.14	0.006	0.534	7.94	0.005	866	0.02
MRC167	MD9394	8	9	4.72	0.228	60.11	14.24	11.45	0.15	0.005	0.056	0.2	0.03	0.14	0.005	0.524	8.45	0.005	1059	0.02
MRC167	MD9395	9	10	2.77	0.145	60.42	14.86	11.53	0.1	0.03	0.075	0.14	0.03	0.1	0.007	0.5	8.64	0.005	383	0.01
MRC167	MD9396	10	11	3.85	0.182	55.09	17.56	13.1	0.09	0.02	0.067	0.14	0.03	0.15	0.009	0.499	8.48	0.005	1260	0.01
MRC167	MD9397	11	12	4.72	0.195	39.1	27.96	17.12	0.09	0.005	0.055	0.08	0.03	0.15	0.01	0.497	9.35	0.005	1076	0.02
MRC167	MD9398	12	13	5.96	0.232	43.04	22.05	17.39	0.15	0.005	0.045	0.08	0.05	0.16	0.01	0.401	9.76	0.005	1676	0.02
MRC167	MD9399	13	14	6.35	0.355	39	25.74	18.38	0.13	0.005	0.036	0.1	0.1	0.22	0.01	0.07	9.69	0.005	1835	0.01
MRC167	MD9400	14	15	9.29	0.458	47.02	19.39	14.69	0.26	0.005	0.038	0.12	0.05	0.18	0.009	0.151	7.57	0.005	1361	0.01
MRC167	MD9401	15	16	1.87	0.152	33.69	30.85	20.06	0.11	0.01	0.038	0.39	0.17	0.44	0.018	0.087	11.16	0.005	1180	0.01
MRC167	MD9402	16	17	1.11	0.115	36.45	30.89	17.3	0.55	0.01	0.035	0.59	0.28	0.6	0.025	0.062	10.8	0.005	1154	0.005
MRC167	MD9403	17	18	9.5	0.452	52.34	21.11	9.25	0.42	0.02	0.022	0.6	0.15	0.54	0.018	0.022	5.73	0.005	963	0.01
MRC167	MD9404	18	19	8.26	0.41	51.39	22.51	8.51	0.52	0.05	0.026	0.99	0.2	0.62	0.029	0.012	5.94	0.005	612	0.01
MRC167	MD9405	19	20	11.78	0.582	58.57	16.01	6.85	0.35	0.01	0.035	0.59	0.09	0.43	0.026	0.0025	3.62	0.005	776	0.005
MRC167	MD9409	20	21	12.53	0.62	58.15	16.33	7.1	0.31	0.01	0.026	0.63	0.08	0.45	0.021	0.0025	3	0.005	425	0.01
MRC167	MD9410	21	22	6	0.235	42.81	28.86	7.5	0.26	2.1	0.026	5.58	0.09	0.55	0.032	0.179	5.47	0.005	1116	0.005
MRC167	MD9411	22	23	7	0.346	48.46	24.77	9.03	0.25	0.67	0.025	1.78	0.14	0.61	0.033	0.028	5.93	0.005	1349	0.01
MRC167	MD9412	23	24	8.4	0.41	43.12	28.97	5.31	0.3	3.92	0.021	5.94	0.12	0.46	0.021	0.0025	2.56	0.005	1429	0.01
MRC167	MD9413	24	25	8.35	0.421	44.03	27.85	5.12	0.24	4.12	0.021	6.13	0.11	0.44	0.016	0.0025	2.41	0.005	1393	0.01
MRC167	MD9414	25	26	4.17	0.216	42.47	31.11	3.48	0.21	4.54	0.02	9.48	0.06	0.34	0.022	0.067	3.68	0.005	1823	0.02
MRC167	MD9415	26	27	7.64	0.376	42.04	29.53	4.75	0.28	4.21	0.019	7.74	0.09	0.49	0.016	0.0025	2.36	0.005	2131	0.005
MRC167	MD9416	27	28	6.49	0.342	38.7	31.98	9.67	0.33	2.94	0.012	4.12	0.44	0.82	0.017	0.012	4.33	0.005	1788	0.01
MRC167	MD9417	28	29	0.91	0.076	25.9	41.01	15.79	0.29	3.16	0.012	2.85	0.45	1.75	0.018	0.038	6.77	0.005	1501	0.01
MRC167	MD9418	29	30	4.23	0.238	35.1	34.92	11.77	0.44	1.99	0.01	2.98	0.43	0.97	0.017	0.033	6.13	0.005	989	0.01
MRC167	MD9419	30	31	5.71	0.317	40.65	31.83	5.67	0.35	3.99	0.014	5.83	0.13	0.61	0.02	0.035	3.97	0.005	879	0.005
MRC167	MD9420	31	32	6.01	0.308	33.53	36.79	6.28	0.29	5.21	0.008	6.87	0.24	0.74	0.016	0.0025	3.11	0.005	882	0.02
MRC167	MD9421	32	33	6.1	0.3	33.82	36.82	6.75	0.39	4.02	0.009	6.45	0.3	0.96	0.019	0.019	3.81	0.005	1196	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC167	MD9422	33	34	4.81	0.228	32.98	38.47	5.28	0.35	4.45	0.016	7.55	0.22	0.79	0.018	0.072	4.06	0.005	1503	0.02
MRC167	MD9423	34	35	6.86	0.35	40.53	31.29	5.31	0.32	3.8	0.012	6.31	0.18	0.68	0.018	0.0025	3.44	0.005	1573	0.005
MRC167	MD9424	35	36	3.24	0.183	27.08	41.29	3.61	0.27	7.23	0.008	13.3	0.07	0.35	0.012	0.145	2.41	0.005	2472	0.01
MRC167	MD9425	36	37	2.71	0.13	25	43.4	5.01	0.28	7.3	0.009	11.44	0.12	0.52	0.008	0.276	3	0.005	2003	0.02
MRC167	MD9426	37	38	4.5	0.222	34.68	36.74	8.49	0.48	2.01	0.014	4.98	0.18	0.94	0.016	0.165	6.03	0.005	983	0.02
MRC167	MD9427	38	39	3.43	0.173	27.68	41.62	6.13	0.2	5.75	0.01	10.49	0.14	0.73	0.013	0.279	3.55	0.005	995	0.005
MRC167	MD9428	39	40	5.8	0.277	40.01	28.37	8.43	0.51	2.48	0.015	7.61	0.11	0.64	0.021	0.156	4.86	0.005	2038	0.02
MRC168	MD9429	0	1	2.49	0.161	43.12	22.18	18.49	0.02	0.13	0.069	0.24	0.05	0.005	0.0025	0.145	12.07	0.005	702	0.02
MRC168	MD9430	1	2	5.21	0.301	52.81	16.98	13.86	0.1	0.03	0.085	0.16	0.02	0.005	0.0025	0.21	10.15	0.005	1557	0.02
MRC168	MD9431	2	3	5.58	0.247	52.23	19.18	11.27	0.09	0.005	0.141	0.18	0.03	0.05	0.005	0.204	9.89	0.005	1737	0.01
MRC168	MD9432	3	4	7.17	0.333	51.54	19.5	10.85	0.13	0.005	0.116	0.23	0.03	0.09	0.009	0.326	9.08	0.005	1941	0.02
MRC168	MD9433	4	5	6.34	0.305	57.25	14.17	10.43	0.13	0.005	0.153	0.24	0.02	0.06	0.006	0.401	9.83	0.005	914	0.02
MRC168	MD9434	5	6	9.1	0.452	59.53	12.15	9.53	0.17	0.005	0.104	0.32	0.01	0.05	0.015	0.344	8.03	0.005	1020	0.01
MRC168	MD9435	6	7	11.2	0.601	60.51	11.74	9	0.22	0.005	0.058	0.39	0.02	0.06	0.012	0.15	6.1	0.005	1544	0.01
MRC168	MD9436	7	8	14.13	0.717	60.07	11.31	7.87	0.23	0.005	0.032	0.44	0.03	0.07	0.016	0.126	4.71	0.005	2006	0.01
MRC168	MD9437	8	9	14.35	0.769	64.32	9.62	7.37	0.25	0.005	0.013	0.47	0.02	0.09	0.014	0.067	2.99	0.005	2067	0.005
MRC168	MD9438	9	10	8.57	0.409	46.64	19.39	15.34	0.18	0.005	0.022	0.28	0.03	0.15	0.023	0.213	7.75	0.005	1331	0.02
MRC168	MD9439	10	11	11.55	0.553	58.21	12.89	9.07	0.24	0.005	0.017	0.53	0.04	0.18	0.02	0.295	6.2	0.005	1656	0.01
MRC168	MD9440	11	12	12.86	0.646	59.45	12.09	8.32	0.28	0.005	0.018	0.66	0.04	0.18	0.026	0.176	4.92	0.005	954	0.005
MRC168	MD9441	12	13	11.54	0.644	64.02	12.04	5.69	0.29	0.005	0.017	1.21	0.04	0.31	0.02	0.17	3.17	0.005	1163	0.02
MRC168	MD9442	13	14	8.26	0.436	54.51	17.55	9.64	0.22	0.005	0.02	1.8	0.06	0.46	0.015	0.161	6.03	0.005	911	0.02
MRC168	MD9443	14	15	3.1	0.152	27.82	38.73	9.06	0.13	3.08	0.023	9	0.15	1.07	0.024	0.248	5.94	0.005	725	0.02
MRC168	MD9444	15	16	2.54	0.111	24.13	42.96	14.56	0.09	0.72	0.027	3.49	0.38	1.39	0.024	0.15	8.11	0.005	893	0.02
MRC168	MD9445	16	17	1.39	0.076	24.94	41.03	10.36	0.25	3.47	0.017	10.79	0.19	1.02	0.027	0.11	6.13	0.005	811	0.01
MRC168	MD9446	17	18	2.81	0.141	49.16	26.31	6.18	0.16	0.64	0.023	3.92	0.12	0.79	0.022	0.37	8.16	0.005	498	0.01
MRC168	MD9447	18	19	1.98	0.08	36.21	34.48	5.53	0.51	3.11	0.013	9.6	0.11	0.82	0.018	0.292	6.39	0.005	891	0.02
MRC168	MD9448	19	20	1.29	0.046	29.02	42.84	4.21	0.3	3.6	0.016	11.03	0.17	1.06	0.015	0.171	5.31	0.005	1133	0.02
MRC168	MD9452	20	21	0.75	0.03	26.41	43.27	5.51	0.41	3.09	0.012	13.22	0.16	1.06	0.015	0.05	5.55	0.005	2299	0.01
MRC168	MD9453	21	22	1.26	0.058	30.44	41.58	4.21	0.34	3.41	0.014	10.74	0.18	1.04	0.016	0.248	5.25	0.005	1179	0.005
MRC168	MD9454	22	23	1.38	0.056	20.65	44.19	5.45	0.3	6.9	0.007	15.48	0.09	0.57	0.017	0.189	3.67	0.005	1173	0.02
MRC168	MD9455	23	24	1.46	0.056	20.11	45	6	0.34	5.85	0.006	14.92	0.12	0.61	0.019	0.226	3.98	0.005	1270	0.02
MRC168	MD9456	24	25	1.37	0.061	27.41	42.99	3.6	0.45	4.51	0.011	12.54	0.15	0.77	0.009	0.214	4.83	0.005	967	0.005
MRC173	MD9503	0	1	4.61	0.271	39.01	27.11	12.3	0.24	3.86	0.038	2.68	0.44	0.52	0.0025	0.13	8.11	0.005	619	0.02
MRC173	MD9504	1	2	3.92	0.272	38.45	26.96	13.67	0.35	3.43	0.037	2.9	0.45	0.71	0.005	0.089	8.11	0.005	511	0.01
MRC173	MD9505	2	3	3.31	0.131	19.79	43.24	17.87	0.15	2.14	0.054	2.65	0.94	1.35	0.005	0.06	8.13	0.005	238	0.02
MRC173	MD9506	3	4	2.92	0.188	37.74	34.22	11.5	0.17	0.68	0.037	1.47	0.58	1.58	0.008	0.012	8.36	0.005	967	0.01
MRC173	MD9507	4	5	2.9	0.14	19.98	47.24	15.82	0.07	2.49	0.029	1.92	0.53	2.9	0.0025	0.0025	6	0.005	794	0.01
MRC173	MD9508	5	6	3.07	0.129	20.72	47.91	14.5	0.07	1.3	0.025	1.64	0.34	3.32	0.0025	0.0025	6.1	0.005	1116	0.005
MRC173	MD9509	6	7	4.15	0.152	21.59	44.55	13.42	0.14	5.33	0.015	3.75	0.28	2.39	0.011	0.0025	3.7	0.005	1725	0.01
MRC173	MD9510	7	8	4.3	0.17	20.56	43.96	13.55	0.15	7.35	0.012	4.9	0.34	2.36	0.011	0.0025	2.53	0.005	2050	0.01
MRC173	MD9511	8	9	4.61	0.158	22.92	43.79	13.21	0.14	4.96	0.026	4.01	0.34	2.08	0.007	0.007	4.11	0.005	1284	0.02
MRC173	MD9512	9	10	6.52	0.243	34.27	35.65	9.48	0.2	2.84	0.035	4.74	0.16	0.85	0.008	0.047	4.89	0.005	1014	0.01
MRC173	MD9513	10	11	3.9	0.141	28.61	39.18	9.45	0.18	3.93	0.038	7.88	0.08	0.7	0.008	0.118	5.28	0.005	1506	0.005
MRC173	MD9514	11	12	1.99	0.076	21.05	43.95	6.67	0.17	6.55	0.017	14.69	0.03	0.59	0.009	0.191	3.8	0.005	1971	0.02
MRC173	MD9515	12	13	2.02	0.074	23.83	42.5	5.09	0.18	6.17	0.012	14.63	0.03	0.61	0.007	0.27	4.46	0.005	1338	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC173	MD9516	13	14	2.81	0.098	23.15	41.59	5.84	0.23	6.24	0.007	15.27	0.04	0.52	0.006	0.211	3.81	0.005	1703	0.01
MRC173	MD9517	14	15	1.94	0.075	25.41	42.99	3.19	0.43	5.95	0.008	15.32	0.03	0.35	0.007	0.295	3.5	0.005	1854	0.005
MRC173	MD9518	15	16	2.13	0.096	32.02	37.79	3.14	0.52	6.03	0.011	12.47	0.04	0.42	0.013	0.463	4.55	0.005	1145	0.02
MRC173	MD9519	16	17	2.48	0.09	34.83	34.77	2.99	0.67	5.55	0.01	12.46	0.04	0.39	0.017	0.408	4.78	0.005	1186	0.005
MRC173	MD9520	17	18	1.78	0.084	30.3	38.71	3.71	0.25	4.97	0.007	14.05	0.03	0.51	0.012	0.388	5.06	0.005	1297	0.01
MRC173	MD9521	18	19	2.25	0.099	28.37	43.99	2.45	0.65	5.04	0.011	11.72	0.07	0.7	0.012	0.43	4.12	0.005	1529	0.005
MRC173	MD9522	19	20	1.97	0.078	24.36	49.42	1.8	0.47	3.13	0.009	13.24	0.06	0.56	0.009	0.371	3.57	0.005	2145	0.005
MRC174	MD9526	0	1	5.89	0.31	33.7	34.07	14.71	0.15	0.48	0.028	1.45	0.18	0.3	0.007	0.076	8.11	0.005	947	0.01
MRC174	MD9527	1	2	4.3	0.31	37.81	31.26	14.63	0.14	0.13	0.048	0.55	0.13	0.39	0.014	0.23	9.25	0.005	2706	0.02
MRC174	MD9528	2	3	4.76	0.285	52.86	22.29	8.91	0.33	0.04	0.108	0.4	0.06	0.32	0.015	0.732	8.09	0.005	1039	0.02
MRC174	MD9529	3	4	4.17	0.267	61.23	15.22	8.33	0.26	0.01	0.161	0.35	0.05	0.33	0.018	0.722	8.35	0.005	646	0.02
MRC174	MD9530	4	5	4.22	0.28	63.86	14.12	7.09	0.34	0.005	0.175	0.33	0.04	0.35	0.017	0.736	8.48	0.005	1005	0.02
MRC174	MD9531	5	6	4.53	0.249	60.18	15.36	8.18	0.37	0.02	0.164	0.46	0.04	0.42	0.017	0.761	8.81	0.005	842	0.01
MRC174	MD9532	6	7	6.82	0.285	54.93	17.85	9.72	0.37	0.04	0.153	0.39	0.03	0.38	0.019	0.397	8.11	0.005	1212	0.02
MRC174	MD9533	7	8	5.99	0.175	46.34	27.43	9.48	0.25	0.06	0.107	1	0.07	0.91	0.025	0.311	7.02	0.005	1260	0.02
MRC174	MD9534	8	9	5.46	0.145	40.1	31.23	8.17	0.43	1.18	0.057	4.3	0.08	0.97	0.032	0.333	6.48	0.005	1395	0.02
MRC174	MD9535	9	10	4.08	0.095	29.51	37.38	5.06	0.33	5.36	0.028	11.86	0.04	0.57	0.025	0.242	4.62	0.005	3120	0.02
MRC174	MD9536	10	11	3.66	0.124	43.65	28.89	4.55	0.27	3.24	0.028	7.61	0.03	0.43	0.024	0.444	6.21	0.005	1821	0.02
MRC174	MD9537	11	12	5.76	0.204	51.56	22.29	5.59	0.6	1.33	0.028	4.92	0.05	0.52	0.025	0.537	5.67	0.005	1296	0.01
MRC174	MD9538	12	13	4.3	0.168	44.39	29.41	4.28	0.23	2.82	0.026	6.61	0.05	0.51	0.022	0.452	5.61	0.005	1027	0.02
MRC174	MD9539	13	14	9.6	0.433	51.65	22.68	7.17	0.28	0.25	0.024	1.5	0.06	0.66	0.015	0.038	5.04	0.005	1471	0.01
MRC174	MD9540	14	15	7.39	0.324	44.53	27.51	7.58	0.3	1.48	0.022	4.17	0.08	0.67	0.02	0.078	5.15	0.005	1809	0.005
MRC174	MD9541	15	16	3.22	0.158	26.97	41.44	15.23	0.23	0.38	0.021	2.5	0.93	1.12	0.018	0.054	7.49	0.005	1749	0.01
MRC174	MD9542	16	17	8.14	0.389	41.75	30.39	5.65	0.27	3.56	0.012	5.27	0.16	0.61	0.016	0.0025	3.1	0.005	1918	0.01
MRC174	MD9543	17	18	8.31	0.388	45.94	28.28	5.89	0.25	2.32	0.016	3.93	0.12	0.74	0.015	0.0025	3.74	0.005	1446	0.02
MRC174	MD9544	18	19	9.28	0.457	49.25	25.22	6.04	0.42	0.73	0.021	2.18	0.18	0.73	0.015	0.01	4.91	0.005	1228	0.02
MRC174	MD9545	19	20	9.01	0.426	45.04	27.99	5.48	0.25	2.8	0.014	4.66	0.13	0.62	0.01	0.0025	3.23	0.005	1903	0.02
MRC174	MD9549	20	21	6.43	0.362	35.55	34.59	9.84	0.3	0.98	0.016	4.31	0.35	1.21	0.025	0.019	5.21	0.005	1321	0.01
MRC174	MD9550	21	22	1.04	0.077	15.65	49.38	16.92	0.19	4.31	0.013	4.53	0.53	2.67	0.008	0.046	4.49	0.005	1735	0.005
MRC174	MD9551	22	23	0.71	0.056	14.95	48.8	14.4	0.22	8.62	0.004	7.01	0.3	2.95	0.005	0.041	1.71	0.005	2092	0.01
MRC174	MD9552	23	24	0.66	0.058	16.75	47.21	14.2	0.29	8.27	0.004	6.69	0.25	2.88	0.005	0.041	2.17	0.005	4467	0.005
MRC174	MD9553	24	25	4.44	0.247	28.63	39.96	9.57	0.32	5.57	0.008	5.85	0.33	1.65	0.011	0.015	2.78	0.005	1541	0.005
MRC174	MD9554	25	26	6.75	0.324	36.71	34.48	6.37	0.33	4.14	0.008	5.54	0.32	0.9	0.016	0.0025	3.21	0.005	1645	0.02
MRC174	MD9555	26	27	6.93	0.323	35.25	35.96	6.4	0.33	4.01	0.01	6.01	0.47	0.89	0.018	0.0025	3.2	0.005	1157	0.01
MRC174	MD9556	27	28	7.77	0.397	39.86	32.11	5.35	0.25	4.66	0.015	6.59	0.28	0.77	0.015	0.0025	1.98	0.005	1329	0.01
MRC174	MD9557	28	29	7.84	0.387	40.32	31.71	5.49	0.26	4.22	0.019	6.11	0.17	0.76	0.015	0.0025	2.1	0.005	1172	0.02
MRC174	MD9558	29	30	8.13	0.407	42.72	30.03	5.2	0.27	4.07	0.015	6.01	0.17	0.71	0.015	0.0025	2.03	0.005	1307	0.02
MRC175	MD9559	0	1	2.85	0.103	28.99	42.67	5.2	0.21	4.55	0.025	8.67	0.12	0.56	0.014	0.387	5.02	0.005	430	0.005
MRC175	MD9560	1	2	2.97	0.098	31.7	41.83	3.74	0.2	4.49	0.036	8.9	0.08	0.58	0.014	0.423	4.18	0.005	1425	0.01
MRC175	MD9561	2	3	2.84	0.09	29.48	42.7	2.26	0.18	6.06	0.046	11.63	0.03	0.52	0.013	0.449	3.03	0.005	2120	0.005
MRC175	MD9562	3	4	2.85	0.086	29.07	42.56	2.19	0.18	6.24	0.046	12.11	0.03	0.52	0.01	0.434	3.09	0.005	1611	0.005
MRC175	MD9563	4	5	2.73	0.085	28.48	44.57	2.08	0.16	5.97	0.04	11.73	0.03	0.48	0.011	0.416	3.11	0.005	1715	0.005
MRC175	MD9564	5	6	2.72	0.083	34.05	41.67	2.83	0.2	3.93	0.06	8.02	0.04	0.45	0.016	0.409	4.54	0.005	1664	0.005
MRC175	MD9565	6	7	2.29	0.094	28.15	42.54	6.68	0.15	3.78	0.048	9.55	0.03	0.58	0.031	0.325	5.46	0.005	1619	0.01
MRC175	MD9566	7	8	4.68	0.195	30.58	37.82	5.7	0.21	5.02	0.019	10.95	0.02	0.43	0.013	0.158	3.81	0.005	2037	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC175	MD9567	8	9	8.99	0.358	42.5	29.18	8.47	0.25	1.91	0.03	3.27	0.06	0.57	0.013	0.021	4.57	0.005	1990	0.005
MRC175	MD9568	9	10	4.55	0.207	32.4	37.06	11.64	0.21	2.26	0.038	3.55	0.09	1.12	0.012	0.048	6.57	0.005	1330	0.01
MRC175	MD9569	10	11	0.53	0.051	11.46	49.63	15.28	0.15	9.96	0.009	8.45	0.15	2.2	0.0025	0.074	2.24	0.005	2638	0.005
MRC175	MD9570	11	12	0.44	0.045	12.03	48.95	15.84	0.14	8.99	0.014	7.82	0.12	2.02	0.0025	0.076	3.18	0.005	2267	0.01
MRC175	MD9571	12	13	0.49	0.044	11.77	50.38	14.95	0.15	8.94	0.009	7.32	0.18	2.85	0.0025	0.061	2.14	0.005	1933	0.005
MRC175	MD9572	13	14	0.43	0.04	11.56	50.8	15.1	0.15	9.57	0.005	7.43	0.22	2.81	0.0025	0.054	1.82	0.005	2473	0.005
MRC175	MD9573	14	15	0.42	0.048	11.54	48.65	14.53	0.17	11.06	0.006	8.85	0.63	1.78	0.0025	0.065	1.97	0.005	3007	0.005
MRC175	MD9574	15	16	0.46	0.037	11.54	50.71	14.94	0.14	8.55	0.008	6.57	0.28	2.78	0.0025	0.045	3.46	0.005	1746	0.02
MRC175	MD9575	16	17	0.38	0.04	11.29	51.18	14.76	0.15	9.08	0.004	7.2	0.39	3.3	0.0025	0.049	2.17	0.005	3363	0.005
MRC175	MD9576	17	18	1.55	0.073	14.64	44.8	15.8	0.2	12.13	0.008	5.31	0.53	0.86	0.007	0.026	4.04	0.005	2931	0.01
MRC175	MD9577	18	19	0.61	0.052	13.47	49.85	14.69	0.15	9	0.003	6.76	0.38	3.14	0.005	0.041	1.54	0.005	2546	0.02
MRC175	MD9578	19	20	6.54	0.311	36.96	32.64	5.41	0.28	6.18	0.009	8.53	0.13	0.63	0.012	0.009	2.14	0.005	3556	0.01
MRC176	MD9582	0	1	5.26	0.254	30.04	43.39	11.57	0.12	0.35	0.021	0.77	0.14	0.38	0.006	0.015	7.15	0.005	849	0.02
MRC176	MD9583	1	2	4.53	0.221	26.86	48.71	10.25	0.11	0.16	0.043	0.74	0.18	0.48	0.006	0.011	6.88	0.005	2268	0.02
MRC176	MD9584	2	3	8.46	0.365	35.7	38.4	9.36	0.18	0.17	0.068	0.95	0.21	0.51	0.019	0.0025	5.44	0.005	1706	0.02
MRC176	MD9585	3	4	9.6	0.392	41.87	29.1	8.38	0.22	1.42	0.033	2.87	0.38	0.49	0.028	0.0025	4.7	0.005	740	0.005
MRC176	MD9586	4	5	8.3	0.386	44.43	27.85	8.47	0.18	0.24	0.072	1.51	0.55	0.58	0.022	0.0025	6.4	0.005	783	0.01
MRC176	MD9587	5	6	8.55	0.399	43.27	28.44	7.99	0.16	0.16	0.079	1.73	0.83	0.59	0.026	0.0025	7.22	0.005	1194	0.005
MRC176	MD9588	6	7	7.89	0.427	51.77	23.65	6.57	0.2	0.11	0.072	1.29	0.56	0.43	0.022	0.007	6.33	0.005	981	0.01
MRC176	MD9589	7	8	8.45	0.415	39.06	32.19	7.46	0.3	2.29	0.048	4.01	0.89	0.57	0.02	0.0025	4.48	0.005	1202	0.005
MRC176	MD9590	8	9	8.31	0.448	43.55	29.28	6.58	0.17	1.17	0.039	3.11	1.12	0.62	0.02	0.0025	5.36	0.005	1706	0.005
MRC176	MD9591	9	10	6.42	0.318	37.85	34.88	7.27	0.17	0.48	0.043	3.07	1.7	0.57	0.019	0.0025	6.11	0.005	1847	0.005
MRC176	MD9592	10	11	7.5	0.325	40.62	31.68	6.42	0.42	0.43	0.031	2.55	1.11	0.83	0.019	0.0025	7.61	0.005	1791	0.01
MRC176	MD9593	11	12	6.9	0.345	36.87	34.76	7.05	0.16	1.09	0.022	4.08	1.39	0.94	0.026	0.0025	5.47	0.005	1335	0.005
MRC176	MD9594	12	13	6.9	0.336	36.99	32.26	7.03	0.19	2.57	0.022	5.61	2.06	0.65	0.021	0.0025	4.84	0.005	2477	0.005
MRC176	MD9595	13	14	7.37	0.302	34.06	34.26	7.74	0.26	2.15	0.026	5.23	2	0.71	0.019	0.0025	5.17	0.005	2182	0.005
MRC176	MD9596	14	15	5.93	0.285	37.97	32.71	6.68	0.26	1.92	0.025	4.86	1.87	0.66	0.023	0.0025	5.8	0.005	3125	0.01
MRC176	MD9597	15	16	6.8	0.319	34.61	33.99	7.65	0.23	1.42	0.023	4.81	1.87	0.84	0.02	0.0025	6.66	0.005	2453	0.01
MRC176	MD9598	16	17	6.6	0.275	35.85	34.46	6.81	0.41	1.64	0.032	5.26	2.25	0.6	0.016	0.0025	5.85	0.005	2695	0.005
MRC176	MD9599	17	18	8.38	0.338	33.52	33.86	7.83	1.09	1.41	0.025	4.89	1.79	0.9	0.017	0.0025	5.44	0.005	1746	0.01
MRC176	MD9600	18	19	6.32	0.235	39.38	35.55	5.77	0.45	1.12	0.033	3.75	1.44	0.56	0.011	0.0025	4.62	0.005	2301	0.01
MRC176	MD9601	19	20	2.15	0.159	24.64	45.26	9.54	0.2	0.67	0.018	7.2	3.36	0.7	0.017	0.036	5.6	0.005	2225	0.005
MRC176	MD9605	20	21	5.28	0.249	28.78	41.27	6.97	0.22	3.72	0.016	6.87	2.02	0.61	0.011	0.007	3.8	0.005	1630	0.005
MRC176	MD9606	21	22	5.83	0.272	31.53	37.19	6.48	0.33	4.06	0.017	7.12	1.99	0.84	0.012	0.0025	3.6	0.005	2585	0.005
MRC176	MD9607	22	23	3.5	0.159	24.35	43.98	4.79	0.22	6.81	0.011	11.11	1.48	0.41	0.013	0.119	3.03	0.005	2465	0.005
MRC176	MD9608	23	24	6.22	0.307	40.92	31.09	6.4	0.26	1.74	0.036	5.12	2.16	0.45	0.012	0.005	5.04	0.005	1719	0.01
MRC176	MD9609	24	25	5.62	0.257	34.63	37.22	6.54	0.77	1.46	0.03	4.87	2.38	0.39	0.009	0.014	4.91	0.005	1355	0.005
MRC176	MD9610	25	26	7.43	0.263	35.79	34.66	7.27	0.24	1.43	0.023	4.35	1.34	0.68	0.014	0.009	5.81	0.005	1754	0.005
MRC176	MD9611	26	27	2.87	0.167	27.1	44.68	8.47	0.37	1.42	0.018	6.41	2.01	0.78	0.017	0.069	5.55	0.005	2134	0.005
MRC176	MD9612	27	28	6.15	0.294	34.47	35.84	5.34	0.26	3.88	0.012	8.05	0.93	0.7	0.013	0.072	3.82	0.005	3340	0.005
MRC176	MD9613	28	29	6.14	0.291	34.4	36.78	4.31	0.26	4.58	0.021	8.59	0.38	0.68	0.016	0.109	3.45	0.005	2455	0.005
MRC176	MD9614	29	30	1.58	0.094	19.52	47.28	4.7	0.29	7.77	0.01	13.38	0.77	0.65	0.014	0.217	2.98	0.005	2080	0.005
MRC177	MD9615	0	1	10.7	0.484	48.89	21.68	11.07	0.22	0.46	0.028	0.88	0.09	0.11	0.007	0.009	5.39	0.005	1628	0.005
MRC177	MD9616	1	2	9.14	0.408	41.43	24.98	14.72	0.17	0.08	0.048	0.25	0.06	0.11	0.008	0.0025	7.97	0.005	2441	0.005
MRC177	MD9617	2	3	10.97	0.492	50.65	19.63	10.86	0.22	0.03	0.045	0.22	0.04	0.15	0.01	0.0025	6.15	0.005	3776	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC177	MD9618	3	4	9.64	0.443	49.02	23.95	8.26	0.24	0.38	0.036	1.14	0.18	0.38	0.017	0.005	5.52	0.005	1616	0.005
MRC177	MD9619	4	5	9.72	0.465	48.96	23.22	8.24	0.26	0.14	0.059	1.12	0.38	0.45	0.018	0.0025	6.4	0.005	1089	0.01
MRC177	MD9620	5	6	8.15	0.406	48.85	24.87	7.03	0.17	0.08	0.068	1.92	0.84	0.63	0.03	0.0025	6.32	0.005	1206	0.005
MRC177	MD9621	6	7	9.36	0.414	46.21	25.82	7.5	0.21	0.04	0.084	1.24	0.52	0.61	0.02	0.0025	7.19	0.005	1558	0.005
MRC177	MD9622	7	8	8.61	0.386	43.58	30.55	6.98	0.25	1.08	0.042	2.61	0.66	0.59	0.016	0.0025	4.88	0.005	1704	0.005
MRC177	MD9623	8	9	7.88	0.385	38.62	32.99	6.02	0.25	3.94	0.024	5.1	0.64	0.53	0.013	0.0025	2.97	0.005	1873	0.005
MRC177	MD9624	9	10	7.11	0.365	39.38	32.94	5.47	0.24	3.79	0.024	5.52	1.06	0.56	0.022	0.0025	2.87	0.005	1744	0.005
MRC177	MD9625	10	11	6.55	0.331	39.13	34.22	5.64	0.2	2.99	0.023	5.24	1.19	0.72	0.024	0.0025	3.88	0.005	1647	0.005
MRC177	MD9626	11	12	7.76	0.403	41.96	30.91	6.11	0.21	1.63	0.025	4.38	1.53	0.65	0.022	0.0025	4.32	0.005	2043	0.01
MRC177	MD9627	12	13	6	0.28	33.6	39.54	7.53	0.19	0.66	0.033	4.09	1.99	0.64	0.019	0.0025	5.38	0.005	1751	0.005
MRC177	MD9628	13	14	6.14	0.255	31.32	40.16	6.75	0.22	2.34	0.023	5.18	1.27	0.65	0.012	0.0025	4.91	0.005	1648	0.005
MRC177	MD9629	14	15	4.58	0.186	27.06	40.12	5.75	0.22	5.69	0.019	11.41	0.74	0.89	0.012	0.075	3.47	0.005	2262	0.005
MRC177	MD9630	15	16	2.12	0.085	19.04	46.31	5.45	0.25	6.61	0.011	14.46	0.54	0.98	0.009	0.194	3.97	0.005	2675	0.005
MRC177	MD9631	16	17	3.09	0.166	23.11	45.66	6.89	0.19	4.21	0.019	9.44	1.83	0.73	0.011	0.076	3.6	0.005	2276	0.005
MRC177	MD9632	17	18	5.73	0.257	31.33	38.76	6.39	0.26	4.13	0.025	7.54	1.97	0.58	0.012	0.008	3.04	0.005	2837	0.005
MRC177	MD9633	18	19	6.45	0.291	35.12	36.71	6.3	0.34	2.27	0.015	5.77	1.45	0.97	0.013	0.0025	4.25	0.005	2390	0.005
MRC177	MD9634	19	20	5.93	0.251	32.66	39.11	5.76	0.24	4.17	0.014	6.38	1.39	0.65	0.011	0.0025	3.48	0.005	2632	0.005
MRC177	MD9638	20	21	6.79	0.3	35	34.43	6.55	0.29	4.47	0.023	7.09	0.93	0.69	0.013	0.0025	3.09	0.005	1351	0.005
MRC177	MD9639	21	22	3.57	0.145	23.87	42.2	4.34	0.24	7.26	0.01	14.11	0.22	0.73	0.012	0.157	2.84	0.005	2649	0.005
MRC177	MD9640	22	23	1.98	0.074	17.39	46.54	6	0.21	8.17	0.006	15.17	0.24	0.88	0.007	0.188	3.08	0.005	2038	0.005
MRC177	MD9641	23	24	0.75	0.056	15.08	47.42	11.65	0.2	7.74	0.005	11.29	0.63	1.77	0.007	0.136	3.03	0.005	1965	0.005
MRC177	MD9642	24	25	1.33	0.066	16.18	49.72	4.14	0.2	8.66	0.005	15.56	0.31	0.71	0.005	0.221	2.16	0.005	2913	0.005
MRC177	MD9643	25	26	2.18	0.09	17.64	47.59	5.87	0.26	9.67	0.007	12.7	0.63	0.78	0.0025	0.167	1.92	0.005	2593	0.01
MRC177	MD9644	26	27	2.81	0.153	22.49	44.1	10.93	0.36	4.62	0.007	7.22	1.37	1.83	0.006	0.039	3.49	0.005	2262	0.005
MRC177	MD9645	27	28	2.15	0.143	22.33	43.55	13.46	0.28	2.53	0.008	6.22	1.49	2.29	0.009	0.038	4.71	0.005	2451	0.005
MRC177	MD9646	28	29	6.11	0.334	35.57	32.91	9.39	0.25	3.69	0.009	6.06	1	1.53	0.013	0.015	2.41	0.005	3402	0.005
MRC177	MD9647	29	30	3.87	0.23	28.92	38.76	10.88	0.21	3.11	0.008	6.51	1.09	1.5	0.012	0.035	4.16	0.005	2717	0.005
MRC177	MD9648	30	31	7.34	0.387	42.26	28.72	5.33	0.25	3.51	0.009	8.22	0.14	0.75	0.018	0.015	2.36	0.005	2900	0.005
MRC177	MD9649	31	32	7.69	0.417	44.87	26.22	6.86	0.28	1.16	0.015	6.97	0.31	1.47	0.021	0.055	3.68	0.005	1769	0.005
MRC177	MD9650	32	33	3.89	0.236	27.93	38.76	11.88	0.17	3.11	0.009	6.95	1.52	1.77	0.016	0.041	3.86	0.005	2177	0.005
MRC177	MD9651	33	34	2.58	0.135	22.99	41.15	11.66	0.16	3.3	0.01	9.01	1.7	1.46	0.016	0.078	5.24	0.005	1862	0.005
MRC177	MD9652	34	35	7.12	0.418	40.84	28.2	7.99	0.2	0.72	0.008	7.39	0.66	1.53	0.019	0.052	3.87	0.005	1901	0.005
MRC177	MD9653	35	36	7.34	0.406	45.09	27.74	4.63	0.26	1.83	0.006	7.47	0.16	1	0.016	0.097	3.02	0.005	2098	0.005
MRC177	MD9654	36	37	2.16	0.073	20.49	46.79	4.66	0.21	5.14	0.008	14.14	0.22	1.14	0.007	0.309	3.67	0.005	3012	0.005
MRC177	MD9655	37	38	1.66	0.056	17.63	48.88	5.61	0.23	4.74	0.004	15.24	0.76	1.14	0.005	0.238	3.23	0.005	3681	0.005
MRC177	MD9656	38	39	2.1	0.072	21.07	46.05	4.19	0.3	5.33	0.011	14.61	0.23	1.17	0.007	0.309	3.79	0.005	1966	0.005
MRC177	MD9657	39	40	1.83	0.061	21.12	49.25	3.74	0.26	5.17	0.01	12.47	0.21	0.68	0.006	0.288	4.12	0.005	2731	0.005
MRC178	MD9658	0	1	3.59	0.147	24.11	33.86	10.48	0.18	10.81	0.034	2.81	0.89	0.59	0.0025	0.065	12.65	0.005	418	0.02
MRC178	MD9659	1	2	3.45	0.133	22.15	38.94	14.42	0.17	5.47	0.038	3.83	0.93	1.58	0.0025	0.052	8.73	0.005	551	0.005
MRC178	MD9660	2	3	3.32	0.107	16.3	47.34	14.49	0.15	6.68	0.017	5.22	0.63	2.97	0.006	0.009	2.44	0.005	1825	0.005
MRC178	MD9661	3	4	3.23	0.101	15.81	46.81	13.88	0.16	7.66	0.02	6.31	0.74	2.42	0.005	0.0025	2.43	0.005	2102	0.005
MRC178	MD9662	4	5	3.13	0.091	17.06	48.31	12.33	0.15	6.76	0.025	5.99	0.68	2.39	0.0025	0.0025	2.73	0.005	1863	0.005
MRC178	MD9663	5	6	1.32	0.076	15.87	49.26	14.97	0.14	7.24	0.028	4.91	0.78	3.22	0.008	0.016	2.07	0.005	2288	0.005
MRC178	MD9664	6	7	3.01	0.131	20.22	45.23	13.47	0.18	5.99	0.029	5.1	0.83	2.29	0.009	0.032	2.85	0.005	2654	0.005
MRC178	MD9665	7	8	6.66	0.296	34.03	36.34	6.99	0.21	4.64	0.031	6.31	0.36	0.53	0.008	0.068	2.79	0.005	2772	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC178	MD9666	8	9	10.01	0.452	43.09	26.17	8.36	0.25	4.32	0.019	4.14	0.43	0.56	0.014	0.0025	1.77	0.005	1820	0.005
MRC178	MD9667	9	10	9.92	0.466	44.59	25.73	7.9	0.26	4.83	0.013	4.53	0.44	0.55	0.017	0.0025	1.12	0.005	5173	0.005
MRC178	MD9668	10	11	9.34	0.449	43.2	26.99	6.36	0.26	5.34	0.011	6.18	0.17	0.38	0.015	0.0025	1.54	0.005	5430	0.005
MRC178	MD9669	11	12	9.19	0.447	43.67	27.02	5.06	0.26	5.21	0.012	6.24	0.16	0.38	0.014	0.0025	1.64	0.005	5367	0.005
MRC178	MD9670	12	13	7.47	0.368	37.88	32.13	5.07	0.24	6.64	0.01	7.71	0.29	0.42	0.013	0.0025	1.61	0.005	4074	0.005
MRC178	MD9671	13	14	6.32	0.249	35.08	34.29	5.98	0.21	6.13	0.022	6.59	0.48	0.49	0.011	0.0025	3.54	0.005	3108	0.005
MRC178	MD9672	14	15	6.58	0.312	37.25	33.09	5.43	0.26	6.59	0.011	7.27	0.47	0.49	0.015	0.0025	2.16	0.005	5366	0.005
MRC178	MD9673	15	16	6.98	0.331	35.33	33.92	5.57	0.25	7.35	0.007	7.85	0.49	0.58	0.014	0.0025	1.19	0.005	4657	0.01
MRC178	MD9674	16	17	6.71	0.317	34.94	34.38	5.68	0.26	7.66	0.007	7.92	0.45	0.62	0.015	0.0025	1.37	0.005	5232	0.005
MRC178	MD9675	17	18	6.33	0.288	33.66	35.44	5.72	0.31	7.55	0.008	7.56	0.57	0.57	0.013	0.0025	2.14	0.005	3552	0.005
MRC178	MD9676	18	19	6.71	0.282	31.2	36.03	6.04	0.26	8.06	0.007	7.51	0.63	0.53	0.011	0.0025	2.01	0.005	2944	0.005
MRC178	MD9677	19	20	6.46	0.3	33.82	34.68	6.03	0.27	7.63	0.007	7.57	0.59	0.62	0.014	0.0025	1.36	0.005	4035	0.005
MRC178	MD9681	20	21	6.75	0.313	34.1	34.79	6.05	0.26	7.94	0.007	7.8	0.58	0.61	0.014	0.0025	1.02	0.005	2106	0.005
MRC178	MD9682	21	22	6.94	0.327	34.77	33.38	6.02	0.27	7.63	0.006	7.66	0.51	0.59	0.014	0.0025	1.16	0.005	3595	0.005
MRC178	MD9683	22	23	6.85	0.316	34	33.76	5.94	0.27	7.94	0.006	7.82	0.57	0.58	0.014	0.0025	1.08	0.005	4207	0.01
MRC178	MD9684	23	24	6.54	0.308	33.01	35.31	6.08	0.25	8.36	0.006	7.87	0.67	0.59	0.012	0.0025	1.19	0.005	4755	0.005
MRC178	MD9685	24	25	6.66	0.328	34.78	33.7	5.95	0.26	7.92	0.006	7.37	0.6	0.56	0.013	0.0025	1.36	0.005	4993	0.01
MRC178	MD9686	25	26	7.74	0.368	37.46	31.27	5.7	0.26	7.2	0.011	7.61	0.32	0.57	0.015	0.0025	0.97	0.005	3786	0.01
MRC178	MD9687	26	27	7.15	0.344	36.46	32.76	5.83	0.24	7.35	0.005	7.24	0.48	0.65	0.015	0.0025	1.25	0.005	5220	0.005
MRC178	MD9688	27	28	7.07	0.331	34.27	34.14	5.85	0.23	7.7	0.003	7.34	0.64	0.59	0.014	0.0025	1.3	0.005	4523	0.005
MRC178	MD9689	28	29	7.3	0.349	34.89	34.72	5.58	0.29	7.1	0.005	7.06	0.62	0.55	0.016	0.0025	1.5	0.005	4333	0.005
MRC178	MD9690	29	30	6.56	0.318	33.23	36.44	5.34	0.26	7.28	0.01	7.42	0.53	0.52	0.017	0.0025	1.72	0.005	3652	0.005
MRC179	MD9691	0	1	4.64	0.25	36.45	23.9	13.4	0.12	6.49	0.039	2.72	0.38	0.36	0.006	0.084	10.44	0.005	519	0.01
MRC179	MD9692	1	2	5.31	0.303	40.99	24.2	15.72	0.11	2.18	0.047	1.9	0.24	0.4	0.0025	0.093	8.72	0.005	721	0.01
MRC179	MD9693	2	3	8.67	0.481	46.69	25.09	12.55	0.17	0.37	0.068	0.65	0.23	0.4	0.01	0.027	5.02	0.005	1195	0.02
MRC179	MD9694	3	4	9.34	0.458	45.61	28.29	7.77	0.24	1.58	0.034	2.27	0.26	0.44	0.01	0.006	3.6	0.005	2989	0.005
MRC179	MD9695	4	5	7.31	0.35	35.97	34.35	6.19	0.23	5.56	0.017	6.7	0.23	0.51	0.01	0.0025	2.05	0.005	3837	0.005
MRC179	MD9696	5	6	7.98	0.381	38.87	31.69	5.6	0.24	5.41	0.019	6.77	0.17	0.46	0.01	0.0025	1.86	0.005	2706	0.005
MRC179	MD9697	6	7	7.8	0.383	38.86	31.13	5.42	0.25	5.86	0.017	7.4	0.15	0.41	0.011	0.008	1.59	0.005	3597	0.005
MRC179	MD9698	7	8	7.3	0.349	37.12	33.14	6.09	0.25	5.63	0.019	6.7	0.19	0.53	0.013	0.0025	2.13	0.005	2666	0.005
MRC179	MD9699	8	9	7.68	0.368	38.23	32.28	5.86	0.25	5.84	0.016	7.15	0.19	0.5	0.011	0.0025	1.8	0.005	3360	0.005
MRC179	MD9700	9	10	7.82	0.368	39.52	30.96	6.03	0.25	5.37	0.04	6.6	0.21	0.69	0.013	0.0025	2.07	0.005	4178	0.005
MRC179	MD9701	10	11	7.37	0.37	41.01	30.44	5.98	0.24	4.67	0.028	5.81	0.26	0.6	0.013	0.0025	2.97	0.005	2881	0.005
MRC179	MD9702	11	12	7.5	0.38	40.74	29.98	5.78	0.26	5.56	0.017	6.45	0.3	0.49	0.014	0.0025	2.19	0.005	2977	0.005
MRC179	MD9703	12	13	7.51	0.373	37.33	32.02	5.83	0.26	6.6	0.014	7.37	0.32	0.58	0.012	0.0025	1.2	0.005	3971	0.005
MRC179	MD9704	13	14	7.2	0.361	36.92	32.19	5.78	0.24	6.8	0.016	7.62	0.28	0.54	0.012	0.0025	1.3	0.005	5017	0.01
MRC179	MD9705	14	15	7.31	0.363	36.67	32.73	5.93	0.24	6.64	0.017	7.62	0.36	0.56	0.013	0.0025	1.41	0.005	2721	0.005
MRC179	MD9706	15	16	6.59	0.324	33.43	34.27	6.21	0.24	7.99	0.014	8.55	0.28	0.56	0.01	0.0025	0.94	0.005	5166	0.005
MRC179	MD9707	16	17	6.15	0.304	31.87	35.38	6.3	0.23	8.51	0.012	8.53	0.27	0.59	0.01	0.0025	1.1	0.005	3813	0.005
MRC179	MD9708	17	18	5.58	0.263	29.68	37.75	6.36	0.22	8.21	0.014	8.38	0.31	0.62	0.009	0.0025	1.72	0.005	2554	0.005
MRC179	MD9709	18	19	5.86	0.275	31.13	37.1	6.55	0.28	8.1	0.008	7.67	0.43	0.62	0.012	0.0025	2.02	0.005	2747	0.005
MRC179	MD9710	19	20	5.83	0.269	31.36	37.8	6.27	0.27	6.81	0.014	6.86	0.78	0.63	0.015	0.0025	3.33	0.005	1716	0.005
MRC179	MD9715	21	22	5.63	0.259	28.46	39.78	6.26	0.35	6.44	0.059	7.09	1.19	0.57	0.014	0.0025	3.04	0.005	2332	0.005
MRC179	MD9716	22	23	5.3	0.245	28.48	39.22	6.22	0.25	8.43	0.012	8.39	0.8	0.61	0.012	0.0025	1.69	0.005	2928	0.005
MRC179	MD9717	23	24	5.62	0.257	29.09	39.38	5.41	0.31	8.54	0.015	7.7	0.56	0.63	0.014	0.0025	1.99	0.005	2871	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC179	MD9718	24	25	5.61	0.266	29.4	38.42	6.01	0.25	9.12	0.01	8.43	0.36	0.71	0.013	0.0025	1.23	0.005	3988	0.005
MRC179	MD9719	25	26	6	0.286	32.3	35.48	6.21	0.24	8.13	0.008	8.19	0.25	0.74	0.012	0.0025	1.27	0.005	2955	0.005
MRC179	MD9720	26	27	5.63	0.262	30.99	36.78	6.58	0.26	8.19	0.007	8.16	0.29	0.79	0.011	0.0025	1.49	0.005	3655	0.005
MRC179	MD9721	27	28	6.23	0.283	31.78	36.29	6.34	0.31	7.9	0.01	8.15	0.52	0.78	0.012	0.0025	1.51	0.005	4000	0.005
MRC179	MD9722	28	29	5.29	0.225	28.88	39.1	7.21	0.44	6.92	0.009	7.58	1.01	0.75	0.011	0.0025	2.78	0.005	4381	0.005
MRC179	MD9723	29	30	5.41	0.242	29.01	38.05	7.1	0.36	8.32	0.006	8.02	0.3	0.82	0.01	0.0025	1.59	0.005	3785	0.005
MRC180	MD9724	0	1	6.12	0.289	40.29	24.48	16.12	0.1	1.94	0.043	1.08	0.22	0.42	0.0025	0.088	8.11	0.005	745	0.02
MRC180	MD9725	1	2	7.7	0.415	48.17	21.77	13.99	0.13	0.26	0.048	0.48	0.12	0.32	0.01	0.045	6.05	0.005	1218	0.01
MRC180	MD9726	2	3	6.42	0.31	35.19	35.73	8.14	0.19	4.18	0.02	4.86	0.21	0.69	0.009	0.0025	3.43	0.005	1719	0.005
MRC180	MD9727	3	4	6.64	0.313	33.61	37.45	6.66	0.22	5.7	0.027	5.94	0.25	0.72	0.011	0.0025	2.87	0.005	2068	0.005
MRC180	MD9728	4	5	6.25	0.283	29.89	40.46	7.36	0.19	4.79	0.038	5.36	0.33	0.67	0.009	0.0025	4.07	0.005	1892	0.005
MRC180	MD9729	5	6	6.33	0.29	34.61	35.43	7.13	0.22	5.72	0.017	6.55	0.24	0.71	0.012	0.0025	2.77	0.005	2622	0.005
MRC180	MD9730	6	7	5.64	0.253	30.85	37.24	6.76	0.21	7.62	0.015	6.91	0.42	0.7	0.011	0.0025	2.67	0.005	2214	0.005
MRC180	MD9731	7	8	6.52	0.283	32.35	35.69	6.6	0.33	7.08	0.011	6.86	0.4	0.75	0.011	0.0025	2.31	0.005	2833	0.01
MRC180	MD9732	8	9	6.45	0.273	31.38	36.35	6.55	0.26	7.85	0.007	7.52	0.31	0.85	0.012	0.0025	1.68	0.005	2738	0.005
MRC180	MD9733	9	10	5.92	0.26	29.48	38.36	6.17	0.28	8.15	0.005	7.86	0.32	0.97	0.007	0.0025	1.52	0.005	2843	0.005
MRC180	MD9734	10	11	5.71	0.253	30.6	37.4	6.04	0.36	8.17	0.011	7.08	0.45	0.73	0.012	0.0025	2.78	0.005	2843	0.01
MRC180	MD9735	11	12	6.4	0.295	30.86	36.5	6.24	0.34	7.91	0.009	7.65	0.39	0.85	0.01	0.0025	1.82	0.005	2598	0.005
MRC180	MD9736	12	13	6.77	0.28	29.54	37.87	6.58	0.38	7.36	0.007	6.83	0.39	0.75	0.014	0.0025	2.87	0.005	2608	0.01
MRC180	MD9737	13	14	6.4	0.304	32.75	37.11	6.67	0.33	5.23	0.014	5.96	0.63	0.85	0.015	0.0025	3.78	0.005	1427	0.005
MRC180	MD9738	14	15	6.77	0.281	30.47	39.82	6.8	0.28	3.43	0.022	5.22	0.83	0.77	0.015	0.0025	4.55	0.005	1133	0.01
MRC180	MD9739	15	16	5.36	0.271	27.82	40.17	6.57	0.28	6.89	0.018	7.43	1.08	0.67	0.013	0.0025	2.88	0.005	1748	0.005
MRC180	MD9740	16	17	5.45	0.284	26.41	41.54	5.86	0.27	8.16	0.013	7.49	0.6	0.63	0.013	0.0025	2.59	0.005	2423	0.005
MRC180	MD9741	17	18	5.2	0.289	24.97	42.48	5.82	0.29	9.93	0.007	8.38	0.37	0.67	0.014	0.0025	1.89	0.005	2406	0.005
MRC180	MD9742	18	19	4.53	0.198	23.6	41.76	7.15	0.24	10.02	0.004	9.14	0.58	0.79	0.012	0.0025	1.54	0.005	2508	0.005
MRC180	MD9743	19	20	4.47	0.198	24.06	40.73	7.54	0.22	10.1	0.006	9.04	0.58	0.83	0.013	0.0025	1.46	0.005	2707	0.005
MRC180	MD9747	20	21	4.52	0.21	24.75	40.5	7.5	0.23	10.37	0.006	9.12	0.55	0.83	0.014	0.0025	1.29	0.005	2284	0.01
MRC180	MD9748	21	22	4.48	0.209	25.24	40.53	7.53	0.23	9.94	0.007	9.02	0.59	0.89	0.014	0.0025	1.43	0.005	2262	0.01
MRC180	MD9749	22	23	4.74	0.21	25.29	39.86	7.48	0.23	9.86	0.005	8.92	0.52	0.83	0.013	0.0025	1.35	0.005	2528	0.005
MRC180	MD9750	23	24	4.77	0.226	26.77	40.15	7.36	0.23	8.52	0.006	8.3	0.59	0.88	0.015	0.0025	1.92	0.005	2414	0.01
MRC180	MD9751	24	25	5.6	0.259	31.57	36.72	6.59	0.25	6.78	0.009	7.05	0.91	0.7	0.012	0.0025	3.34	0.005	3016	0.005
MRC180	MD9752	25	26	5.05	0.227	26.34	39.85	7.65	0.27	7.88	0.007	8.28	1.12	0.68	0.012	0.007	2	0.005	3123	0.01
MRC180	MD9753	26	27	6.56	0.317	37.49	32.43	5.37	0.28	5.96	0.009	8.49	0.13	0.6	0.012	0.018	2.47	0.005	2780	0.005
MRC180	MD9754	27	28	5.66	0.248	28.18	38.28	6.83	0.27	7.96	0.009	8.64	0.96	0.7	0.01	0.0025	1.57	0.005	2989	0.005
MRC180	MD9755	28	29	6.59	0.32	37.67	32.66	5.34	0.29	5.96	0.009	8.51	0.13	0.6	0.011	0.017	1.67	0.005	3020	0.005
MRC180	MD9756	29	30	6.53	0.306	34.64	34.1	6.5	0.28	5.78	0.012	7.9	0.5	0.75	0.011	0.0025	1.95	0.005	3423	0.005
MRC181	MD9757	0	1	2.36	0.09	53.73	22.69	10.49	0.08	0.11	0.162	0.23	0.04	0.03	0.02	0.063	10.27	0.005	1194	0.005
MRC181	MD9758	1	2	2.59	0.106	47.26	27.1	11.67	0.07	0.04	0.173	0.16	0.04	0.02	0.016	0.068	10.16	0.005	3164	0.01
MRC181	MD9759	2	3	6.34	0.28	40.74	29.35	12.89	0.12	0.03	0.145	0.21	0.04	0.08	0.0025	0.028	9.11	0.005	822	0.005
MRC181	MD9760	3	4	7.51	0.332	48.9	21.48	11.9	0.14	0.005	0.179	0.14	0.02	0.1	0.0025	0.022	9.49	0.005	2090	0.02
MRC181	MD9761	4	5	9.75	0.465	50.26	16.67	12.99	0.19	0.02	0.169	0.14	0.01	0.16	0.0025	0.011	9.15	0.005	1063	0.01
MRC181	MD9762	5	6	10.12	0.471	51.61	14.72	12.38	0.23	0.02	0.156	0.09	0.005	0.16	0.009	0.007	9.39	0.005	1328	0.02
MRC181	MD9763	6	7	6.86	0.374	58.3	12.25	11.03	0.2	0.04	0.231	0.13	0.03	0.1	0.007	0.007	9.77	0.005	323	0.01
MRC181	MD9764	7	8	10.58	0.453	48.04	15.56	14.5	0.21	0.005	0.166	0.09	0.05	0.12	0.0025	0.0025	10.19	0.005	1885	0.03
MRC181	MD9765	8	9	9.3	0.426	50.09	14.92	14.18	0.19	0.01	0.173	0.08	0.01	0.11	0.0025	0.008	9.86	0.005	606	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC181	MD9766	9	10	10.01	0.409	50.06	14.87	13.96	0.22	0.005	0.162	0.09	0.01	0.13	0.009	0.016	10.11	0.005	1138	0.02
MRC181	MD9767	10	11	4.76	0.164	59.23	12.66	11.62	0.21	0.02	0.087	0.12	0.02	0.2	0.007	0.144	10.25	0.005	1637	0.02
MRC181	MD9768	11	12	5.79	0.275	54.61	14.31	12.89	0.12	0.005	0.078	0.09	0.02	0.15	0.0025	0.262	10.52	0.005	1663	0.04
MRC181	MD9769	12	13	3.62	0.25	65.18	10.98	8.52	0.23	0.005	0.073	0.12	0.02	0.2	0.011	0.122	10.95	0.005	1906	0.02
MRC181	MD9770	13	14	2.58	0.17	57.9	15.95	10.56	0.18	0.005	0.076	0.12	0.03	0.23	0.013	0.025	11.22	0.005	2446	0.02
MRC181	MD9771	14	15	5.56	0.207	47.46	19.69	14.83	0.16	0.005	0.055	0.21	0.04	0.27	0.006	0.267	10.34	0.005	714	0.02
MRC181	MD9772	15	16	6.02	0.207	47.04	20.37	15.02	0.15	0.005	0.053	0.19	0.04	0.33	0.0025	0.332	10.13	0.005	582	0.02
MRC181	MD9773	16	17	4.91	0.148	41.02	27.53	13.77	0.12	0.29	0.039	1.37	0.1	0.65	0.007	0.412	8.87	0.005	950	0.03
MRC181	MD9774	17	18	4.27	0.13	34.16	35.4	8.85	0.13	2.51	0.039	6.1	0.22	0.94	0.011	0.292	6.32	0.005	890	0.02
MRC181	MD9775	18	19	2.98	0.086	26.17	41.53	6.86	0.15	4.7	0.014	10.03	0.17	0.94	0.013	0.332	5.02	0.005	979	0.005
MRC181	MD9776	19	20	3.79	0.12	36.3	33.85	7.09	0.17	2.97	0.019	7.06	0.18	0.9	0.014	0.381	6.1	0.005	1179	0.01
MRC181	MD9780	20	21	9.48	0.422	41.93	28.06	9.36	0.18	0.29	0.022	2	0.47	0.91	0.015	0.104	6.25	0.005	1092	0.005
MRC181	MD9781	21	22	10.52	0.494	43.93	26.43	8.47	0.19	0.23	0.024	1.7	0.39	0.91	0.014	0.055	5.74	0.005	1681	0.02
MRC181	MD9782	22	23	8.63	0.249	33.19	34.43	10.28	0.19	0.56	0.026	3.12	0.68	1.16	0.015	0.119	6.5	0.005	1110	0.02
MRC181	MD9783	23	24	2.7	0.134	22.85	44.16	6.06	0.17	7.6	0.011	10.62	0.39	0.75	0.021	0.232	3.49	0.005	1681	0.005
MRC181	MD9784	24	25	3.7	0.156	26.45	40.68	8.76	0.19	4.24	0.01	7.91	0.96	1.06	0.019	0.193	4.97	0.005	1299	0.02
MRC181	MD9785	25	26	3.82	0.184	24.04	41.71	9.78	0.16	3.58	0.011	8.12	1.49	1.14	0.023	0.145	5.01	0.005	1110	0.01
MRC181	MD9786	26	27	2.71	0.139	19.13	46.19	6.9	0.18	7.09	0.007	12.09	1.21	0.81	0.019	0.241	3.09	0.005	1159	0.005
MRC181	MD9787	27	28	4.97	0.215	28.66	38.22	8.96	0.18	3.2	0.017	6.89	1.36	0.96	0.015	0.13	5	0.005	1371	0.005
MRC181	MD9788	28	29	5.98	0.205	30.48	36.61	8.69	0.23	4.31	0.012	6.66	0.83	0.97	0.015	0.088	4.73	0.005	1283	0.01
MRC181	MD9789	29	30	4.04	0.138	29.75	37.16	6.61	0.23	4.95	0.028	10.03	0.57	1.07	0.014	0.145	4.64	0.005	1331	0.01
MRC181	MD9790	30	31	3.23	0.125	26.78	39.44	6.34	0.27	5.97	0.019	11.91	0.29	1.13	0.012	0.165	4.05	0.005	969	0.005
MRC181	MD9791	31	32	4.03	0.155	30.07	37.32	6.55	0.45	4.82	0.025	10.12	0.31	1.18	0.014	0.14	4.59	0.005	1741	0.005
MRC181	MD9792	32	33	2.76	0.117	27.08	38.73	10.41	0.22	6.51	0.007	6.76	0.97	0.81	0.009	0.062	4.6	0.005	1903	0.005
MRC181	MD9793	33	34	3.55	0.127	22.46	42.62	9.25	0.18	6.81	0.009	8.97	1.06	0.89	0.012	0.077	3.59	0.005	1398	0.01
MRC181	MD9794	34	35	5.57	0.257	36.3	31.33	9.56	0.2	1.38	0.025	6.04	1.47	1.11	0.016	0.058	5.87	0.005	1133	0.005
MRC181	MD9795	35	36	5.14	0.284	39.75	30.79	5.95	0.19	3.38	0.018	7.51	0.42	0.95	0.019	0.232	4.57	0.005	1081	0.005
MRC181	MD9796	36	37	7.66	0.395	45.98	25.76	6.03	0.25	1.79	0.024	5.61	0.42	0.97	0.024	0.111	4.38	0.005	1699	0.005
MRC181	MD9797	37	38	2.06	0.136	21.56	44.16	7.36	0.24	5.58	0.01	11.48	1.03	1.02	0.02	0.328	4.36	0.005	1399	0.02
MRC181	MD9798	38	39	5.1	0.214	31.85	34.81	8.69	0.61	2.56	0.016	7.91	0.88	1.21	0.02	0.213	5.74	0.005	2188	0.01
MRC181	MD9799	39	40	5.75	0.351	47.89	24.66	6.3	0.54	1.34	0.019	4.99	0.29	0.94	0.016	0.192	5.88	0.005	988	0.005
MRC182	MD9803	0	1	1	0.088	24.69	42.75	20.25	0.005	0.02	0.052	0.26	0.51	0.05	0.0025	0.154	9.36	0.005	1684	0.005
MRC182	MD9804	1	2	0.87	0.086	26.77	36.19	22.91	0.005	0.005	0.08	0.12	0.26	0.17	0.0025	0.204	11.65	0.005	2082	0.005
MRC182	MD9805	2	3	1.28	0.072	4.64	50.1	31.05	0.005	0.005	0.032	0.06	0.31	0.16	0.0025	0.115	11.82	0.005	1992	0.005
MRC182	MD9806	3	4	1.37	0.074	4.04	48.33	33.04	0.005	0.005	0.029	0.07	0.39	0.15	0.0025	0.116	12.38	0.005	3173	0.005
MRC182	MD9807	4	5	1.26	0.125	8.57	47.06	30.12	0.005	0.005	0.032	0.08	0.46	0.15	0.0025	0.135	11.6	0.005	1571	0.005
MRC182	MD9808	5	6	1.31	0.167	14.56	42.45	28.6	0.005	0.005	0.05	0.07	0.42	0.13	0.0025	0.168	11.73	0.005	1549	0.005
MRC182	MD9809	6	7	0.88	0.082	5.95	52.75	27.99	0.005	0.005	0.032	0.09	0.21	0.22	0.0025	0.088	11.11	0.005	2139	0.005
MRC182	MD9810	7	8	0.99	0.05	3.37	53.01	30.19	0.005	0.005	0.029	0.12	0.33	0.26	0.0025	0.109	11.49	0.005	1538	0.005
MRC182	MD9811	8	9	0.62	0.111	42.59	25.97	17.57	0.005	0.005	0.093	0.08	0.24	0.16	0.017	0.306	12	0.005	1709	0.005
MRC182	MD9812	9	10	0.9	0.092	25.54	34.57	24.81	0.005	0.005	0.072	0.09	0.16	0.24	0.007	0.273	12.64	0.005	1699	0.005
MRC182	MD9813	10	11	1.08	0.131	10.18	48.83	27.35	0.005	0.005	0.059	0.07	0.14	0.26	0.0025	0.17	11.46	0.005	716	0.005
MRC182	MD9814	11	12	0.49	0.063	54.75	18.26	12.66	0.005	0.005	0.095	0.09	0.07	0.15	0.025	0.312	12.59	0.005	1752	0.005
MRC182	MD9815	12	13	0.48	0.046	52.74	20.92	12.12	0.005	0.005	0.107	0.06	0.07	0.14	0.027	0.336	12.15	0.005	2151	0.005
MRC182	MD9816	13	14	1.29	0.094	10.26	43.25	30.99	0.005	0.005	0.049	0.08	0.16	0.36	0.0025	0.185	12.83	0.005	1501	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC182	MD9817	14	15	1.91	0.077	54.56	17.98	12.06	0.03	0.02	0.056	0.17	0.05	0.2	0.031	0.532	11.58	0.005	2169	0.005
MRC182	MD9818	15	16	2.95	0.109	56.09	14.78	12.16	0.06	0.005	0.06	0.14	0.02	0.26	0.03	0.579	11.85	0.005	1406	0.02
MRC182	MD9819	16	17	2.07	0.1	52.81	22.79	9.59	0.05	0.005	0.053	0.07	0.02	0.16	0.025	0.764	10.55	0.005	1370	0.01
MRC182	MD9820	17	18	4.51	0.141	42	21.25	17.83	0.1	0.005	0.054	0.19	0.03	0.28	0.027	1.054	11.39	0.005	1348	0.03
MRC182	MD9821	18	19	4.02	0.138	48.05	18.37	14.86	0.08	0.005	0.06	0.2	0.02	0.28	0.026	1.322	11.69	0.005	626	0.03
MRC182	MD9822	19	20	4.9	0.161	54.51	14.98	12.28	0.12	0.005	0.057	0.28	0.02	0.25	0.029	1.391	10.06	0.005	1891	0.03
MRC182	MD9826	20	21	2.62	0.11	63.17	11	8.88	0.06	0.005	0.043	0.2	0.01	0.19	0.036	1.108	11.3	0.005	1166	0.02
MRC182	MD9827	21	22	1.32	0.069	73.07	6.51	5	0.03	0.005	0.032	0.12	0.01	0.14	0.045	0.951	11.23	0.005	974	0.02
MRC182	MD9828	22	23	3.64	0.198	54.32	16.88	11.55	0.11	0.005	0.04	0.35	0.03	0.27	0.055	1.721	9.73	0.005	1179	0.03
MRC182	MD9829	23	24	5.33	0.206	49.24	20.09	12.29	0.17	0.005	0.037	0.69	0.06	0.41	0.04	0.82	9.27	0.005	1727	0.03
MRC182	MD9830	24	25	5.31	0.266	35.82	28.39	14.74	0.11	0.005	0.059	2.64	0.16	0.91	0.057	0.25	9.05	0.005	1693	0.03
MRC182	MD9831	25	26	5.18	0.243	35.61	28.57	14.4	0.12	0.005	0.083	2.93	0.18	1.15	0.053	0.215	9.28	0.005	1272	0.03
MRC182	MD9832	26	27	2.89	0.13	55.33	17.13	10.53	0.21	0.005	0.034	0.42	0.05	0.28	0.027	0.266	11.28	0.005	2197	0.02
MRC182	MD9833	27	28	1.88	0.09	61.8	12.79	9.57	0.1	0.005	0.034	0.1	0.02	0.16	0.026	0.183	11.8	0.005	3502	0.02
MRC182	MD9834	28	29	2.46	0.093	61.2	14.46	8.09	0.31	0.005	0.03	0.62	0.05	0.31	0.024	0.178	10.53	0.005	2594	0.01
MRC182	MD9835	29	30	3.14	0.125	38.75	33.79	8.51	0.14	0.77	0.038	4.55	0.16	1.08	0.034	0.276	6.93	0.005	1508	0.02
MRC183	MD9836	0	1	3.74	0.211	41.57	27.02	17.01	0.09	0.44	0.047	0.84	0.23	0.35	0.007	0.179	7.54	0.005	595	0.01
MRC183	MD9837	1	2	4.85	0.269	43.28	24.36	17.81	0.06	0.03	0.109	0.29	0.13	0.23	0.006	0.146	7.66	0.005	811	0.02
MRC183	MD9838	2	3	5.33	0.259	43.1	25.53	17.05	0.07	0.02	0.125	0.2	0.13	0.2	0.007	0.155	7.89	0.005	1568	0.02
MRC183	MD9839	3	4	9	0.43	47.34	27.76	8.19	0.19	0.17	0.071	0.62	0.17	0.32	0.01	0.033	5.09	0.005	1768	0.005
MRC183	MD9840	4	5	7.5	0.363	37.83	35.11	8.03	0.2	2.43	0.038	3.17	0.41	0.44	0.01	0.0025	4.16	0.005	2460	0.01
MRC183	MD9841	5	6	7.16	0.376	37.77	34.04	6.61	0.22	3.97	0.026	4.89	0.44	0.52	0.014	0.0025	3.42	0.005	3132	0.005
MRC183	MD9842	6	7	6.62	0.303	32.72	36.65	6.79	0.23	6.39	0.023	6.46	0.44	0.57	0.013	0.0025	2.81	0.005	2342	0.005
MRC183	MD9843	7	8	6.43	0.283	31.46	36.96	6.44	0.23	7.18	0.02	7	0.46	0.58	0.013	0.0025	2.29	0.005	4064	0.01
MRC183	MD9844	8	9	7.6	0.351	36.72	32.27	6.69	0.24	6.27	0.014	6.48	0.57	0.63	0.014	0.0025	1.41	0.005	3501	0.005
MRC183	MD9845	9	10	7.61	0.359	36.8	32.16	6.62	0.23	6.39	0.011	6.54	0.58	0.57	0.014	0.0025	1.53	0.005	4040	0.01
MRC183	MD9846	10	11	8.07	0.39	39	30.72	6.29	0.26	5.51	0.016	5.93	0.68	0.56	0.015	0.0025	1.85	0.005	3995	0.005
MRC183	MD9847	11	12	5.63	0.282	35.42	33.19	9.31	0.2	3.25	0.022	5.18	1.79	0.51	0.014	0.015	4.94	0.005	2378	0.01
MRC183	MD9848	12	13	5.61	0.231	28.82	38.23	7.06	0.26	8.38	0.008	7.7	0.49	0.64	0.011	0.0025	1.95	0.005	2403	0.01
MRC183	MD9849	13	14	5.75	0.257	28.99	37.43	7.28	0.24	9.16	0.007	8.03	0.36	0.65	0.012	0.0025	1.12	0.005	4636	0.005
MRC183	MD9850	14	15	5.54	0.232	28.44	38.35	7.45	0.26	8.83	0.008	7.81	0.47	0.71	0.012	0.0025	1.42	0.005	3465	0.01
MRC183	MD9851	15	16	5.27	0.222	26.99	39.34	7.67	0.24	9.73	0.008	8.06	0.48	0.68	0.013	0.0025	1.32	0.005	3572	0.005
MRC183	MD9852	16	17	5.39	0.222	29.46	37.85	7.99	0.37	6.93	0.011	6.79	1	0.69	0.016	0.0025	2.86	0.005	2327	0.01
MRC183	MD9853	17	18	6.48	0.277	29.23	38.37	8.94	0.35	3.12	0.045	5.89	1.91	0.76	0.02	0.0025	4.27	0.005	1520	0.01
MRC183	MD9854	18	19	5.07	0.229	26.94	40.61	7.47	0.35	6.93	0.02	7.44	1.57	0.64	0.022	0.0025	2.72	0.005	2440	0.005
MRC183	MD9855	19	20	5.05	0.208	28.59	38.53	7.44	0.32	7.2	0.019	7.37	1.21	0.66	0.014	0.0025	2.55	0.005	2246	0.005
MRC183	MD9859	20	21	4.75	0.192	25.22	40.89	7.4	0.24	9.4	0.021	8.67	0.71	0.72	0.012	0.0025	1.4	0.005	2557	0.005
MRC183	MD9860	21	22	5.45	0.22	27.75	39	7.34	0.26	8.72	0.008	8.2	0.52	0.71	0.015	0.0025	1.41	0.005	3011	0.01
MRC183	MD9861	22	23	5.46	0.232	28.2	38.75	7.47	0.32	9.13	0.007	8.29	0.45	0.76	0.012	0.0025	1.09	0.005	3130	0.005
MRC183	MD9862	23	24	5.05	0.208	26.18	39.91	7.48	0.24	9.26	0.006	8.5	0.53	0.81	0.013	0.0025	1.38	0.005	2680	0.005
MRC183	MD9863	24	25	5.25	0.217	27.21	39.64	7.24	0.24	9.4	0.007	8.44	0.42	0.85	0.014	0.0025	1.19	0.005	2439	0.01
MRC183	MD9864	25	26	6.88	0.323	35.66	33.38	6.41	0.25	6.93	0.012	7.21	0.29	0.74	0.015	0.0025	1.51	0.005	2905	0.005
MRC183	MD9865	26	27	5.29	0.241	29.5	38.04	7.01	0.23	8.45	0.008	7.97	0.41	0.81	0.013	0.0025	1.56	0.005	3327	0.01
MRC183	MD9866	27	28	5.42	0.218	30.27	37.25	7.74	0.23	6.43	0.01	6.93	0.89	0.77	0.014	0.0025	2.87	0.005	2809	0.01
MRC183	MD9867	28	29	2.1	0.092	22.66	41.52	14.35	0.23	6.74	0.009	5.81	2.07	1.31	0.016	0.016	2.9	0.005	1777	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	WT01	FB1/XRF
MRC183	MD9868	29	30	5.64	0.228	29.44	38.66	7.02	0.26	8.13	0.01	7.35	0.45	0.79	0.014	0.0025	1.62	0.005	3183	0.005
MRC184	MD9872	0	1	1.46	0.078	24.94	43.43	15.95	0.06	1.02	0.04	2.58	0.18	0.35	0.015	0.371	8.71	0.005	799	0.005
MRC184	MD9873	1	2	1.86	0.106	38.02	33.82	13.35	0.09	0.43	0.086	0.68	0.11	0.31	0.028	0.738	9.71	0.005	855	0.005
MRC184	MD9874	2	3	1.95	0.117	48.37	23.59	12.64	0.14	0.09	0.167	0.35	0.07	0.24	0.029	0.801	10.66	0.005	1040	0.01
MRC184	MD9875	3	4	3.17	0.123	58.54	15.1	10.31	0.26	0.04	0.109	0.35	0.04	0.16	0.028	1.006	9.6	0.005	985	0.02
MRC184	MD9876	4	5	2.52	0.132	55.05	17.95	11.42	0.21	0.05	0.111	0.41	0.05	0.28	0.032	1.088	10.07	0.005	1221	0.02
MRC184	MD9877	5	6	3.39	0.177	51.1	21.71	10.76	0.14	0.07	0.115	0.59	0.04	0.31	0.023	1.738	8.59	0.005	1410	0.02
MRC184	MD9878	6	7	3.7	0.161	38.63	31.06	12.5	0.18	0.15	0.079	3.29	0.06	0.56	0.038	1.405	7.83	0.005	504	0.01
MRC184	MD9879	7	8	2.87	0.145	40.65	27.85	10.26	0.12	0.18	0.08	4.88	0.09	0.85	0.045	1.58	8.88	0.005	689	0.005
MRC184	MD9880	8	9	2.87	0.115	29.65	35.08	11.51	0.26	0.94	0.064	7.9	0.1	1.1	0.057	1.233	7.51	0.005	480	0.02
MRC184	MD9881	9	10	2.51	0.108	27.97	38.44	8.07	0.22	1.52	0.056	11.53	0.09	0.94	0.057	1.04	6.27	0.005	627	0.01
MRC184	MD9882	10	11	1.63	0.073	20.3	44.21	7.76	0.23	4.55	0.038	13.86	0.08	0.83	0.043	0.753	4.74	0.005	712	0.005
MRC184	MD9883	11	12	1.15	0.076	20.15	43.18	7.72	0.34	5.47	0.026	14.82	0.07	0.75	0.045	0.581	4.43	0.005	937	0.005
MRC184	MD9884	12	13	1.52	0.068	14.79	45.92	8.79	0.27	5.44	0.028	16.86	0.07	0.93	0.062	0.647	3.94	0.005	771	0.005
MRC184	MD9885	13	14	2.12	0.091	22.53	43.89	7.61	0.2	3.06	0.04	12.55	0.09	0.87	0.05	0.829	5.13	0.005	419	0.005
MRC184	MD9886	14	15	2.2	0.077	31.27	36.53	5.78	0.25	3.66	0.048	12.37	0.07	0.63	0.037	0.66	5.22	0.005	911	0.005
MRC184	MD9887	15	16	1.77	0.055	29.54	37.99	4.84	0.29	4.46	0.037	14.56	0.06	0.57	0.031	0.561	4.71	0.005	1914	0.005
MRC184	MD9888	16	17	1.7	0.074	37.54	31.47	5.8	0.23	3.18	0.054	11.49	0.05	0.62	0.035	0.596	6.22	0.005	896	0.005
MRC184	MD9889	17	18	1.5	0.082	36.25	33.36	6.53	0.73	2.55	0.053	10.26	0.08	0.66	0.036	0.643	6.12	0.005	1357	0.005
MRC184	MD9890	18	19	2.42	0.086	33.86	35.37	5.5	0.36	3.33	0.036	11.7	0.05	0.59	0.03	0.343	5.86	0.005	1410	0.005
MRC184	MD9893	19	20	1.6	0.08	33.03	36.99	6.04	0.36	3.74	0.042	10.13	0.07	0.57	0.03	0.787	5.85	0.005	868	0.005
MRC184	MD9895	20	21	1.64	0.072	32.5	38.82	3.65	0.35	3.28	0.031	12.88	0.06	0.45	0.03	0.703	4.69	0.005	1236	0.005
MRC184	MD9896	21	22	1.56	0.076	33.2	37.11	4.4	0.58	3.09	0.032	12.32	0.08	0.55	0.029	0.585	5.32	0.005	725	0.005
MRC184	MD9897	22	23	1.44	0.072	32.37	36.87	4.84	0.48	2.51	0.029	13.09	0.07	0.6	0.034	0.64	5.85	0.005	1075	0.005
MRC184	MD9898	23	24	1.28	0.053	28.84	40.43	4.48	0.37	2.98	0.027	14.06	0.06	0.5	0.03	0.598	5.29	0.005	1565	0.005
MRC184	MD9899	24	25	1.29	0.056	40.08	31.62	4.36	0.26	3.26	0.038	10.81	0.05	0.41	0.029	0.549	6.25	0.005	1960	0.005
MRC184	MD9900	25	26	1.17	0.057	41.66	32.07	3.11	0.23	4.26	0.043	10.41	0.05	0.36	0.025	0.504	5.69	0.005	2075	0.005
MRC184	MD9901	26	27	1.62	0.066	33.54	36.25	5.2	0.25	3.35	0.049	13.24	0.05	0.51	0.023	0.239	5.06	0.005	2499	0.005
MRC184	MD9902	27	28	1.9	0.092	45.3	28.23	6.38	0.25	1.91	0.073	6.52	0.09	0.67	0.035	0.086	7.34	0.005	937	0.01
MRC184	MD9903	28	29	2.97	0.127	36.99	33.69	9.16	0.14	0.77	0.063	5.63	0.42	1.37	0.025	0.147	7.33	0.005	821	0.02
MRC184	MD9904	29	30	2.26	0.109	37.41	33.61	8.38	0.27	1	0.058	5.99	0.49	1.3	0.029	0.094	7.45	0.005	997	0.01
MRC185	MD9905	0	1	3	0.152	30.63	28.94	11.12	0.16	7.05	0.04	4.81	0.55	0.48	0.005	0.139	12.72	0.005	238	0.02
MRC185	MD9906	1	2	4.52	0.209	32.65	33.16	13.12	0.15	2.22	0.056	2.9	0.68	0.92	0.007	0.083	8.31	0.005	414	0.01
MRC185	MD9907	2	3	6.17	0.232	30.85	38.92	7.85	0.19	5.15	0.027	5.47	0.44	0.86	0.011	0.006	3.68	0.005	1484	0.005
MRC185	MD9908	3	4	6.06	0.238	29.02	40.2	7.72	0.21	5.82	0.036	5.7	0.48	0.84	0.013	0.0025	3.55	0.005	2473	0.005
MRC185	MD9909	4	5	6.23	0.243	29.88	38.42	7.31	0.21	6.61	0.033	6.38	0.42	0.69	0.013	0.0025	3.03	0.005	1926	0.01
MRC185	MD9910	5	6	6.96	0.301	33.77	34.45	7.14	0.23	6.93	0.015	6.83	0.34	0.63	0.014	0.0025	1.69	0.005	2239	0.005
MRC185	MD9911	6	7	8.58	0.37	40.39	29.98	6.08	0.26	6.05	0.015	6.37	0.25	0.53	0.016	0.0025	1.49	0.005	4274	0.005
MRC185	MD9912	7	8	6.57	0.291	31.79	36.53	6.77	0.26	8.1	0.014	7.44	0.37	0.63	0.014	0.0025	1.37	0.005	2805	0.005
MRC185	MD9913	8	9	7.45	0.331	34.99	33.71	6.77	0.26	7.39	0.013	6.9	0.45	0.61	0.016	0.0025	1.4	0.005	3306	0.005
MRC185	MD9914	9	10	7.56	0.338	34.31	33.96	6.59	0.27	6.94	0.013	6.92	0.6	0.63	0.014	0.0025	1.33	0.005	3720	0.005
MRC185	MD9915	10	11	7.3	0.311	34.31	34.26	6.58	0.26	6.5	0.017	6.64	0.72	0.59	0.016	0.0025	1.68	0.005	3040	0.01
MRC185	MD9916	11	12	7.01	0.307	34.64	33.47	6.8	0.25	6.94	0.012	7.3	0.96	0.54	0.015	0.0025	1.14	0.005	3648	0.01
MRC185	MD9917	12	13	8.2	0.379	39.59	29.78	6.44	0.28	6.3	0.013	6.64	0.55	0.55	0.017	0.0025	0.94	0.005	3407	0.005
MRC185	MD9918	13	14	7.94	0.359	38.08	31.43	6.24	0.25	6.43	0.02	6.28	0.49	0.54	0.016	0.0025	1.54	0.005	2826	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC185	MD9919	14	15	6.98	0.311	34.08	33.91	6.88	0.24	7.89	0.01	7.54	0.6	0.57	0.015	0.0025	0.6	0.005	3423	0.005
MRC185	MD9920	15	16	6.84	0.305	33.2	34.73	7.07	0.24	8.27	0.01	7.69	0.58	0.61	0.015	0.0025	0.42	0.005	3202	0.02
MRC185	MD9921	16	17	6.91	0.308	33.31	34.56	7.06	0.24	8.29	0.009	7.75	0.58	0.59	0.014	0.0025	0.41	0.005	3173	0.005
MRC185	MD9922	17	18	6.87	0.31	33.91	34.11	7.03	0.24	7.86	0.011	7.72	0.65	0.6	0.015	0.0025	0.53	0.005	3018	0.005
MRC185	MD9923	18	19	6.84	0.313	34.13	34.38	6.95	0.24	7.69	0.021	7.51	0.69	0.58	0.017	0.0025	0.86	0.005	3067	0.01
MRC185	MD9924	19	20	7.01	0.332	35.12	33.93	6.2	0.27	7.31	0.012	6.99	0.8	0.52	0.018	0.0025	1.19	0.005	2877	0.01
MRC185	MD9928	20	21	8.14	0.384	40.64	29.83	5.81	0.26	6.24	0.011	6.75	0.35	0.54	0.017	0.0025	1.11	0.005	2181	0.005
MRC185	MD9929	21	22	7.27	0.349	37.84	32.05	5.89	0.24	6.07	0.011	6.74	0.81	0.52	0.016	0.0025	1.84	0.005	3344	0.005
MRC185	MD9930	22	23	6.79	0.316	35.44	35.48	6.4	0.35	4.19	0.014	6.15	1.36	0.58	0.018	0.0025	2.95	0.005	3425	0.01
MRC185	MD9931	23	24	5.91	0.248	34.24	39.07	7.37	0.25	1.82	0.025	3.42	0.62	0.87	0.013	0.0025	5.75	0.005	1761	0.005
MRC185	MD9932	24	25	5.4	0.251	30.5	39.42	7.56	0.17	5.52	0.016	5.74	0.73	0.86	0.015	0.0025	3.89	0.005	2596	0.005
MRC185	MD9933	25	26	5.5	0.254	28.45	39.64	6.29	0.21	8.1	0.015	6.65	0.71	0.66	0.014	0.0025	3	0.005	2075	0.01
MRC185	MD9934	26	27	5.6	0.254	26.57	41.2	6.42	0.24	8.18	0.016	6.95	0.81	0.62	0.016	0.0025	2.92	0.005	1963	0.005
MRC185	MD9935	27	28	5.82	0.239	29.93	38.22	6.42	0.28	8.21	0.009	7.46	0.54	0.71	0.015	0.0025	2.14	0.005	2544	0.005
MRC185	MD9936	28	29	6.21	0.223	32.37	36	6.88	0.23	7.42	0.012	6.18	0.58	0.67	0.013	0.0025	3.21	0.005	2333	0.02
MRC185	MD9937	29	30	5.64	0.226	33.18	35.31	7.05	0.2	6.92	0.011	5.61	0.59	0.69	0.012	0.0025	3.68	0.005	2262	0.005
MRC186	MD9938	0	1	3.67	0.184	34.44	32.34	11.38	0.16	4.81	0.036	4.07	0.59	0.49	0.009	0.09	7.24	0.005	243	0.005
MRC186	MD9939	1	2	2.32	0.122	38.38	35.59	13.46	0.08	0.25	0.077	0.71	0.3	0.55	0.008	0.417	7.74	0.005	1037	0.005
MRC186	MD9940	2	3	2.68	0.144	43.32	33.19	9.33	0.09	0.2	0.112	0.53	0.12	0.41	0.014	0.819	8.02	0.005	1379	0.02
MRC186	MD9941	3	4	2.3	0.131	56.28	19.68	8.51	0.09	0.04	0.201	0.39	0.04	0.38	0.018	0.774	10.52	0.005	1436	0.01
MRC186	MD9942	4	5	2.39	0.152	56.43	20.41	7.82	0.1	0.07	0.121	0.48	0.05	0.46	0.022	0.853	9.58	0.005	803	0.02
MRC186	MD9943	5	6	2.11	0.112	31.65	39.82	7.01	0.13	1.91	0.059	8.36	0.07	0.63	0.027	0.749	6.59	0.005	878	0.005
MRC186	MD9944	6	7	1.07	0.052	19	47.91	4.75	0.19	4.95	0.036	16.61	0.03	0.51	0.018	0.362	4.21	0.005	1805	0.005
MRC186	MD9945	7	8	0.88	0.041	17.76	50.07	3.41	0.19	4.04	0.018	19.42	0.02	0.34	0.016	0.359	2.97	0.005	2448	0.005
MRC186	MD9946	8	9	0.83	0.037	18.35	50.73	2.27	0.23	4.88	0.021	19.77	0.02	0.29	0.017	0.233	2.7	0.005	3277	0.005
MRC186	MD9947	9	10	0.92	0.045	20.88	47.88	2.88	0.21	5.94	0.025	17.48	0.03	0.43	0.016	0.274	3.42	0.005	3525	0.005
MRC186	MD9948	10	11	0.71	0.037	20	48.55	2.47	0.25	4.89	0.018	18.66	0.02	0.29	0.016	0.348	3.46	0.005	3946	0.005
MRC186	MD9949	11	12	2.15	0.078	21.57	46.9	4.1	0.21	7.1	0.018	13.54	0.06	0.51	0.013	0.124	3.17	0.005	2838	0.005
MRC186	MD9950	12	13	4.45	0.181	33.13	37.98	5.94	0.26	3.96	0.024	8.21	0.62	0.82	0.019	0.021	4.45	0.005	1824	0.01
MRC186	MD9951	13	14	5.9	0.228	38.13	33.8	7.4	0.27	0.31	0.05	4.4	1.95	0.71	0.022	0.006	6.05	0.005	1008	0.005
MRC186	MD9952	14	15	6.05	0.239	32.53	35.69	8.31	0.24	4.19	0.032	5.96	1.59	0.8	0.018	0.0025	4.1	0.005	1531	0.02
MRC186	MD9953	15	16	5.29	0.203	26.72	39.74	7.94	0.38	8.7	0.008	7.58	0.52	0.77	0.016	0.0025	2	0.005	2869	0.005
MRC186	MD9954	16	17	5.71	0.222	27.99	38.33	7.76	0.28	9.19	0.008	7.66	0.43	0.78	0.014	0.0025	1.47	0.005	3273	0.01
MRC186	MD9955	17	18	5.79	0.236	29.66	36.97	7.37	0.25	8.96	0.008	7.58	0.56	0.77	0.013	0.0025	1.55	0.005	3608	0.005
MRC186	MD9956	18	19	5.65	0.224	28.48	37.81	7.87	0.26	8.63	0.013	7.5	0.66	0.79	0.013	0.0025	1.97	0.005	3394	0.02
MRC186	MD9957	19	20	5.36	0.2	28.08	38.19	8.72	0.22	8.14	0.01	6.75	0.86	0.79	0.014	0.0025	2.77	0.005	3376	0.01
MRC186	MD9961	20	21	5.1	0.187	25.58	39.09	8.07	0.25	9.27	0.006	7.61	0.81	0.77	0.015	0.0025	2.34	0.005	1045	0.005
MRC186	MD9962	21	22	5.13	0.187	27.42	38.36	8.01	0.32	8.61	0.011	7.06	0.77	0.78	0.015	0.0025	2.59	0.005	4447	0.01
MRC186	MD9963	22	23	5.06	0.185	25.4	39.53	8.28	0.23	9.71	0.008	7.47	0.71	0.76	0.013	0.0025	1.82	0.005	4035	0.005
MRC186	MD9964	23	24	5.13	0.194	25.62	39.97	7.84	0.23	9.97	0.009	7.89	0.59	0.76	0.01	0.0025	1.2	0.005	3068	0.01
MRC186	MD9965	24	25	5.76	0.226	30.95	36.79	7.5	0.25	8.09	0.011	6.93	0.58	0.81	0.014	0.0025	1.93	0.005	2982	0.005
MRC186	MD9966	25	26	6.57	0.282	34.09	34.25	7.09	0.24	6.45	0.01	6.73	0.56	0.8	0.014	0.012	2.04	0.005	3134	0.01
MRC186	MD9967	26	27	5.32	0.221	31.59	37.09	6.95	0.22	7.66	0.013	6.72	0.37	0.8	0.013	0.0025	2.73	0.005	3540	0.02
MRC186	MD9968	27	28	5.16	0.205	25.86	40.02	8.07	0.24	9.8	0.008	7.84	0.46	0.81	0.013	0.0025	1.38	0.005	2939	0.005
MRC186	MD9969	28	29	5.48	0.201	26.28	39.68	8.32	0.34	7.03	0.011	7.11	1.22	0.79	0.013	0.0025	2.83	0.005	2513	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC186	MD9970	29	30	3.79	0.173	25.64	42.28	9.8	0.56	3.33	0.016	5.91	1.97	0.99	0.017	0.01	4.87	0.005	1653	0.005
MRC187	MD9971	0	1	0.68	0.083	45.46	21.73	12	0.1	2.81	0.091	2.12	0.58	0.42	0.01	0.08	13.05	0.005	543	0.005
MRC187	MD9972	1	2	0.52	0.084	47.94	22.59	14.85	0.08	0.21	0.101	0.63	0.75	0.45	0.011	0.077	11.81	0.005	748	0.005
MRC187	MD9973	2	3	0.68	0.084	45.98	21.91	12.15	0.1	2.85	0.093	2.13	0.58	0.43	0.01	0.079	12.31	0.005	770	0.005
MRC187	MD9974	3	4	0.83	0.095	20.59	39.4	24.34	0.04	0.05	0.108	0.75	1.8	0.67	0.007	0.114	10.52	0.005	610	0.005
MRC187	MD9975	4	5	0.66	0.081	31.93	36.26	17.39	0.18	0.05	0.154	0.72	0.79	0.76	0.028	0.091	10.29	0.005	827	0.005
MRC187	MD9976	5	6	0.76	0.077	18.25	46.17	21.5	0.01	0.03	0.106	0.86	1.07	0.98	0.014	0.1	9.66	0.005	797	0.005
MRC187	MD9977	6	7	0.75	0.08	23.4	43.52	18.9	0.05	0.05	0.13	0.7	1.25	0.71	0.012	0.126	9.62	0.005	884	0.005
MRC187	MD9978	7	8	0.25	0.03	7.69	81.69	6.06	0.005	0.07	0.035	0.37	0.41	0.19	0.0025	0.031	2.88	0.005	926	0.005
MRC187	MD9979	8	9	0.71	0.088	18.97	48.14	19.24	0.01	0.03	0.072	1	0.97	0.92	0.012	0.122	8.97	0.005	874	0.005
MRC187	MD9980	9	10	0.57	0.088	26.9	42.67	16.7	0.04	0.02	0.083	0.97	0.64	0.98	0.02	0.122	9.48	0.005	964	0.005
MRC187	MD9981	10	11	0.64	0.068	17.35	47.4	20.97	0.005	0.08	0.068	1.21	0.65	1.54	0.014	0.127	9.39	0.005	809	0.005
MRC187	MD9982	11	12	0.61	0.036	17.37	49.31	18.52	0.02	0.78	0.054	1.33	0.49	2.18	0.008	0.102	8.27	0.005	559	0.005
MRC187	MD9983	12	13	0.64	0.052	19.87	46.52	18.28	0.04	1.16	0.05	1.87	0.55	1.58	0.014	0.116	8.49	0.005	1350	0.005
MRC187	MD9984	13	14	0.85	0.078	18.63	47.22	19.56	0.04	0.96	0.054	1.61	0.53	1.42	0.008	0.1	8.75	0.005	1273	0.005
MRC187	MD9985	14	15	1.05	0.096	12.7	47.11	24.06	0.03	0.18	0.047	1.67	1.43	1.09	0.009	0.115	9.46	0.005	850	0.005
MRC187	MD9986	15	16	0.58	0.052	16.58	47.02	15.73	0.37	5.67	0.023	6.32	0.7	1.21	0.011	0.085	5.36	0.005	2199	0.005
MRC187	MD9987	16	17	0.58	0.049	16.37	47.39	15.23	0.47	5.99	0.015	6.45	0.6	1.46	0.011	0.074	4.91	0.005	1439	0.005
MRC187	MD9988	17	18	0.58	0.047	15.93	47.33	14.89	0.3	6.73	0.012	7.1	0.94	1.45	0.011	0.064	4.1	0.005	1860	0.005
MRC187	MD9989	18	19	0.66	0.056	20.88	45.95	16.54	0.32	0.78	0.027	3.4	0.91	1.16	0.019	0.103	8.48	0.005	840	0.005
MRC187	MD9990	19	20	0.53	0.043	26.81	45.59	11.83	0.13	0.21	0.026	4.11	0.86	1.1	0.023	0.076	7.76	0.005	1014	0.005
MRC187	MD9994	20	21	0.76	0.068	19.46	44.36	19.61	0.07	0.25	0.033	2.54	2.1	1.04	0.013	0.108	8.64	0.005	1701	0.005
MRC187	MD9995	21	22	0.66	0.056	36.63	30.5	11.99	0.18	0.15	0.024	7.23	0.32	1.42	0.024	0.087	9.39	0.005	1170	0.005
MRC187	MD9996	22	23	2.41	0.071	24.42	40.77	8.38	0.27	3.64	0.022	10.93	0.18	1.14	0.022	0.33	6.25	0.005	1354	0.01
MRC187	MD9997	23	24	2.09	0.067	21.55	42.61	8.31	0.18	4.67	0.018	12.75	0.1	0.9	0.019	0.301	5.74	0.005	1401	0.005
MRC187	MD9998	24	25	2.28	0.061	19.3	45.65	6.14	0.19	5.94	0.018	14.19	0.08	0.73	0.015	0.321	4.46	0.005	1342	0.005
MRC187	MD9999	25	26	1.5	0.052	16.1	48.34	4.84	0.24	7.65	0.022	16.83	0.07	0.5	0.014	0.335	3.35	0.005	1514	0.005
MRC187	MD10000	26	27	1.67	0.046	15.95	47.05	5.05	0.21	7.09	0.033	18	0.06	0.38	0.013	0.298	3.71	0.005	2242	0.01
MRC187	MD10001	27	28	1.31	0.043	17.87	47.25	4.6	0.21	4.57	0.025	18.97	0.19	0.33	0.015	0.331	3.76	0.005	2416	0.01
MRC187	MD10002	28	29	1.01	0.036	19.59	43.7	7.18	0.23	3.93	0.015	16.73	1.53	0.51	0.019	0.287	4.5	0.005	2208	0.01
MRC187	MD10003	29	30	1.47	0.042	16.9	46.98	4.49	0.21	4.57	0.021	20.27	0.05	0.3	0.016	0.341	3.84	0.005	1781	0.005
MRC195	MD8975	0	40	Results reported ASX announcement 4 April 2025. Hole extended below																
MRC195	MD8975	40	41	5.16	0.199	25.35	37.42	8.51	0.23	8.67	2.281	7.65	0.83	1.08	0.009	0.014	2.78	0.005	2438	0.02
MRC195	MD8976	41	42	3.35	0.153	23.2	41.1	10.69	0.21	8.12	1.589	8.31	0.41	1.98	0.023	0.023	3.09	0.005	2526	0.01
MRC195	MD8977	42	43	4.13	0.192	24.23	39.4	10.24	0.24	8.08	1.741	7.77	0.34	1.84	0.012	0.018	2.4	0.005	4770	0.005
MRC195	MD8978	43	44	4.12	0.216	23.7	35.95	8.4	0.22	11.29	1.759	9.17	0.18	1.03	0.005	0.046	2.98	0.005	3762	0.01
MRC195	MD8979	44	45	9.75	0.402	39.04	25.57	7.44	0.28	7.28	1.209	6.41	0.2	0.64	0.011	0.0025	1.1	0.005	4104	0.01
MRC195	MD8980	45	46	6.18	0.238	28.04	34.79	8.6	0.26	10.03	0.94	9.44	0.25	0.78	0.014	0.022	1.37	0.005	3411	0.005
MRC195	MD8981	46	47	4.43	0.162	23.57	39.46	6.35	0.25	10.93	0.695	12.17	0.19	0.56	0.007	0.108	1.34	0.005	3341	0.02
MRC195	MD8982	47	48	3.26	0.112	21.88	40.12	6.64	0.24	9.96	0.747	13.75	0.13	0.48	0.007	0.138	1.69	0.005	2885	0.02
MRC195	MD8983	48	49	3.72	0.122	23.84	38.42	6.77	0.25	8.05	1.366	14.23	0.09	0.37	0.007	0.139	2.49	0.005	4749	0.01
MRC195	MD8984	49	50	4.04	0.128	23.4	40.42	6.56	0.24	9.07	1.352	13.37	0.14	0.43	0.007	0.131	2.13	0.005	3864	0.02
MRC195	MD8985	50	51	6.52	0.239	30.41	34.59	8.93	0.26	8.81	1.416	8.32	0.48	0.73	0.015	0.019	0.99	0.005	4841	0.02
MRC195	MD8986	51	52	7.46	0.283	33.03	31.64	9.72	0.25	8.26	0.912	7.16	0.49	0.76	0.012	0.019	0.42	0.005	5316	0.01
MRC195	MD8987	52	53	8.78	0.371	39.23	27.04	8.63	0.27	6.64	0.946	7.34	0.26	0.69	0.017	0.01	-0.03	0.005	5329	0.01

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC195	MD8988	53	54	5.46	0.219	26.69	37.15	11.17	0.23	8.04	1.754	8.09	0.53	1.25	0.012	0.035	1.57	0.005	3666	0.01
MRC195	MD8989	54	55	7	0.284	31.67	33.11	10.31	0.24	8.38	0.863	6.98	0.45	1.07	0.013	0.02	0.25	0.005	4732	0.02
MRC195	MD10600	55	56	11.02	0.474	46	22.02	7.6	0.28	6.29	1.005	5.6	0.19	0.77	0.022	0.0025	-0.02	0.005	4704	0.02
MRC195	MD10601	56	57	3.79	0.175	20.16	42.68	12.85	0.18	8.98	0.638	7.29	0.5	2.09	0.008	0.04	0.88	0.005	3960	0.005
MRC195	MD10602	57	58	3.05	0.128	20.26	39.01	10.24	0.21	13.22	0.374	8.34	0.42	1.01	0.008	0.036	2.96	0.005	4211	0.005
MRC195	MD10603	58	59	2.17	0.115	20.63	37.61	12.46	0.22	10.37	0.218	11.17	0.32	0.85	0.009	0.081	3.64	0.005	4677	0.01
MRC195	MD10604	59	60	3.23	0.115	20.53	42.25	11.81	0.22	9.55	0.396	8.82	0.72	1.41	0.008	0.044	1.48	0.005	3869	0.02
MRC195	MD10608	60	61	4.12	0.145	24.62	39.95	9.14	0.23	9.53	1.366	9.06	0.49	0.8	0.013	0.033	1.31	0.005	3505	0.02
MRC195	MD10609	61	62	4.33	0.153	24.79	39.42	10.67	0.23	9.06	1.562	7.69	0.64	1.2	0.01	0.021	1.22	0.005	4253	0.02
MRC195	MD10610	62	63	4.03	0.125	25.46	39.17	10.44	0.22	8.72	2.142	7.8	0.75	1.37	0.01	0.044	1.76	0.005	3906	0.02
MRC195	MD10611	63	64	4.69	0.177	24.8	39.39	6.47	0.25	9.37	1.635	12.03	0.57	0.58	0.01	0.092	1.83	0.005	4596	0.02
MRC195	MD10612	64	65	4.93	0.183	26.18	36.37	7.9	0.26	7.91	1.678	11.33	0.69	0.55	0.009	0.057	1.9	0.005	3965	0.02
MRC195	MD10613	65	66	2.86	0.1	21.28	42.06	6.89	0.22	9.04	1.243	12.98	0.8	0.48	0.009	0.024	1.86	0.005	3885	0.02
MRC195	MD10614	66	67	4.2	0.169	25.09	38.75	6.93	0.25	8.11	0.733	13.45	0.41	0.35	0.012	0.091	2.06	0.005	3863	0.02
MRC197	0	66	Results reported ASX announcement 4 April 2025. Hole extended below																	
MRC197	MD10576	66	67	5.99	0.29	30.09	34.59	4.85	0.24	11.89	0.457	10	0.1	0.33	0.012	0.005	1.07	0.005	4808	0.02
MRC197	MD10577	67	68	6.1	0.295	30.26	33.59	4.76	0.24	12.2	0.449	9.75	0.09	0.28	0.011	0.005	0.93	0.005	3667	0.01
MRC197	MD10578	68	69	6.16	0.291	30.5	33.86	4.87	0.25	12.69	0.427	9.74	0.09	0.28	0.012	0.0025	0.96	0.005	4700	0.02
MRC197	MD10579	69	70	6.24	0.3	30.9	33.43	4.76	0.24	12.1	0.442	9.75	0.08	0.25	0.011	0.007	1.28	0.005	3937	0.01
MRC197	MD10580	70	71	6.21	0.299	30.73	33.48	4.63	0.24	11.98	0.433	9.78	0.09	0.26	0.011	0.0025	0.99	0.005	4352	0.01
MRC197	MD10581	71	72	5.78	0.274	28.83	34.39	4.76	0.24	12.85	0.515	9.75	0.1	0.34	0.01	0.007	1.88	0.005	2941	0.01
MRC197	MD10582	72	73	5.75	0.276	28.52	35.21	4.91	0.25	12.72	0.673	9.88	0.15	0.51	0.01	0.0025	1.6	0.005	2996	0.02
MRC197	MD10583	73	74	4.97	0.211	25.6	33.3	6.26	0.22	10.93	2.911	9.24	2.13	0.4	0.011	0.0025	2.96	0.005	2597	0.01
MRC197	MD10584	74	75	4.57	0.141	26.2	21.77	7.05	0.2	15.03	4.114	8.19	4.03	0.04	0.009	0.0025	1.98	0.005	3613	0.01
MRC197	MD10585	75	76	6.2	0.301	27.84	32.61	5.25	0.25	12.45	1.37	9.32	0.58	0.53	0.013	0.009	1.95	0.005	2782	0.005
MRC197	MD10586	76	77	9.01	0.454	43.53	23.85	4.42	0.26	8.49	0.58	8.45	0.13	0.34	0.017	0.006	0.96	0.005	2469	0.005
MRC197	MD10587	77	78	10.27	0.532	47.83	17.82	4.03	0.28	7.82	0.529	7.24	0.33	0.18	0.017	0.0025	2.05	0.005	2931	0.005
MRC197	MD10588	78	79	12.23	0.654	59.17	12.13	4.16	0.28	2.44	0.368	7.64	0.08	0.02	0.023	0.0025	0.53	0.005	4923	0.005
MRC197	MD10589	79	80	10.77	0.59	54.24	11.89	4.93	0.28	4.71	0.308	8.13	0.02	0.02	0.022	0.018	3.06	0.005	4317	0.01
MRC197	MD10590	80	81	11.47	0.612	56.84	9.81	5.63	0.29	4.78	0.533	7.09	0.03	0.04	0.021	0.023	3.26	0.005	4865	0.01
MRC197	MD10591	81	82	13.35	0.732	64.78	7.51	4.48	0.29	0.89	0.674	6.14	0.005	0.005	0.025	0.017	0.41	0.005	5458	0.005
MRC197	MD10592	82	83	13.89	0.77	68.37	5.59	4.1	0.28	0.68	0.402	5.98	0.005	0.005	0.027	0.047	0.08	0.005	4795	0.01
MRC197	MD10593	83	84	12.75	0.715	66.74	7.09	3.83	0.31	0.92	0.33	7.31	0.005	0.04	0.03	0.073	0.24	0.005	4271	0.005
MRC197	MD10594	84	85	11.67	0.646	61.07	10.14	3.71	0.28	1.29	0.4	9.02	0.005	0.005	0.026	0.14	0.97	0.005	3565	0.005
MRC197	MD10595	85	86	9.42	0.538	55.65	17.74	2.95	0.27	0.78	0.431	11.24	0.005	0.005	0.022	0.205	0.34	0.005	4614	0.005
MRC197	MD10596	86	87	1.54	0.072	22.54	37.13	2.58	0.24	6.96	0.509	21.15	0.01	0.06	0.006	0.137	6.01	0.005	2282	0.005
MRC197	MD10597	87	88	0.93	0.032	17.29	39.07	2.93	0.21	7.84	0.697	23.47	0.01	0.05	0.0025	0.283	6.73	0.005	2961	0.01
MRC197	MD10598	88	89	1.25	0.047	17.93	41.07	3.96	0.22	7.38	0.523	21.8	0.02	0.09	0.005	0.247	5	0.005	3386	0.005
MRC197	MD10599	89	90	0.71	0.028	20.36	40.87	2.26	0.23	6.49	0.832	22.95	0.02	0.09	0.006	0.117	4.47	0.005	2122	0.01
MRC198	0	20	Results reported ASX announcement 4 April 2025. Hole extended below																	
MRC198	MD8340	20	21	5.94	0.141	20.87	41.65	12.8	0.26	7.84	0.009	5.49	0.43	2.3	0.009	0.009	1.91	0.005	4338	
MRC198	MD8341	21	22	5.82	0.139	22.53	38.17	14.65	0.24	6.23	0.016	5.83	0.62	2.1	0.009	0.005	3.22	0.005	866	
MRC198	MD8342	22	23	3.83	0.09	22.07	44.79	5.33	0.25	5.92	0.007	13.53	0.15	0.78	0.009	0.218	3.2	0.005	1480	
MRC198	MD8343	23	24	2.17	0.062	20.08	39.24	1.62	0.25	9.34	0.017	17.51	0.09	0.44	0.008	0.265	9.33	0.005	3234	
MRC198	MD8344	24	25	2.25	0.062	20.88	37.87	1.66	0.23	8.05	0.199	21.91	0.06	0.23	0.007	0.285	5.99	0.005	4217	

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC198	MD8345	25	26	2.51	0.064	18.96	36.97	2.57	0.22	8.9	0.308	19.25	0.03	0.2	0.007	0.231	9.38	0.005	3562	
MRC198	MD8346	26	27	5.44	0.086	18.54	39.97	13.81	0.24	7.69	0.023	8.31	0.36	2.45	0.011	0.0025	3.66	0.005	1759	
MRC198	MD8347	27	28	3.22	0.054	10.78	62.85	9.25	0.14	5.71	0.039	4.2	0.28	2.18	0.005	0.0025	0.96	0.005	2207	
MRC198	MD8348	28	29	3.36	0.053	15.59	58.17	9.35	0.13	5.04	1.116	3.78	0.37	2.14	0.005	0.0025	1.7	0.005	3701	
MRC198	MD8349	29	30	4.51	0.069	14.86	49.91	12.94	0.18	7.57	0.025	5.18	0.35	3.07	0.008	0.0025	0.69	0.005	3020	
MRC198	MD8350	30	31	2.56	0.041	8.85	70.75	7.92	0.11	3.97	0.068	2.84	0.38	1.77	0.0025	0.0025	0.82	0.005	3428	
MRC198	MD8351	31	32	3.43	0.061	12.74	60.36	10	0.13	4.99	0.838	3.86	0.32	2.25	0.006	0.0025	1.37	0.005	4288	
MRC198	MD8352	32	33	1.53	0.025	5.97	82.07	4.21	0.06	2.64	0.314	1.79	0.1	1.03	0.0025	0.0025	0.47	0.005	2556	
MRC198	MD8353	33	34	4.09	0.072	13.63	55.64	11.35	0.16	6.81	0.231	4.89	0.23	2.89	0.007	0.0025	0.45	0.005	4658	
MRC198	MD8354	34	35	4.89	0.08	15.3	47.19	13.53	0.18	7.79	0.533	5.36	0.51	2.96	0.008	0.0025	1.24	0.005	3408	
MRC198	MD8355	35	36	4.56	0.08	14.14	43.75	13.8	0.19	11.4	0.156	5.35	0.37	2.98	0.007	0.0025	2.5	0.005	2657	
MRC198	MD8356	36	37	4.88	0.075	15.02	44.55	14.41	0.18	10.57	0.25	5.53	0.34	3.35	0.007	0.0025	1.45	0.005	4553	
MRC198	MD8357	37	38	3.99	0.068	12.77	47.6	12.24	0.16	11.48	0.321	4.77	0.3	2.92	0.008	0.0025	3.03	0.005	2515	
MRC198	MD8358	38	39	4.37	0.08	14.04	42.11	14.93	0.18	11.68	0.188	5.48	0.61	3.25	0.008	0.0025	3.59	0.005	1985	
MRC198	MD8362	39	40	4.33	0.072	13.77	45.46	14.51	0.18	10.63	0.063	5.48	0.27	3.72	0.008	0.0025	1.83	0.005	2720	
MRC198	MD8363	40	41	3.13	0.059	11.48	52.67	11.78	0.14	9.42	0.073	4.86	0.34	2.92	0.006	0.007	2.74	0.005	2437	
MRC198	MD8364	41	42	3.38	0.059	10.7	46.39	16.55	0.13	10.36	0.045	4.09	0.54	4.17	0.006	0.0025	3.06	0.005	1879	
MRC198	MD8365	42	43	3.59	0.067	10.8	45.18	16.78	0.15	10.88	0.083	3.87	0.65	4.08	0.0025	0.0025	3.22	0.005	4502	
MRC198	MD8366	43	44	4.51	0.09	16.31	40.4	15.41	0.21	10.92	0.104	6.01	0.27	3.02	0.009	0.0025	2.95	0.005	2609	
MRC198	MD8367	44	45	2.28	0.062	20.44	37.73	1.89	0.21	7.43	0.289	21.73	0.02	0.17	0.009	0.274	6.94	0.005	4507	
MRC198	MD8368	45	46	1.97	0.053	19.7	36.38	1.98	0.23	8.18	0.291	22.8	0.02	0.1	0.007	0.281	7.71	0.005	5383	
MRC198	MD8369	46	47	1.85	0.052	17.52	47.12	1.95	0.18	8.05	0.923	19.3	0.08	0.2	0.009	0.24	3.12	0.005	4260	
MRC198	MD8370	47	48	1.96	0.099	16.02	41.58	12.07	0.18	12.26	0.507	9.54	0.47	1.7	0.01	0.064	3.47	0.005	2899	
MRC198	MD8371	48	49	4.68	0.186	25.14	37.52	13.57	0.21	7.65	0.633	8.07	0.23	1.65	0.012	0.0025	0.64	0.005	4866	
MRC198	MD8372	49	50	4.63	0.209	26.94	36.06	12.88	0.24	8.13	0.608	8.7	0.2	1.32	0.014	0.009	1.1	0.005	3726	
MRC198	MD8373	50	51	1.49	0.103	14.98	45.61	14.53	0.18	10.59	0.064	8.61	0.21	2.19	0.006	0.049	0.87	0.005	1880	
MRC198	MD8374	51	52	2.25	0.109	18.84	42.02	6.67	0.2	10.24	0.184	15.63	0.09	0.51	0.007	0.159	3.24	0.005	2437	
MRC198	MD8375	52	53	2.14	0.065	21.22	38.91	1.69	0.21	7.58	0.183	23.17	0.01	0.07	0.005	0.285	4.23	0.005	2214	
MRC198	MD8376	53	54	2.29	0.061	21.86	41.09	1.86	0.22	6.92	0.27	21.99	0.005	0.03	0.006	0.275	2.85	0.005	2208	
MRC198	MD20027	54	55	2.07	0.1	23.74	42.53	2.01	0.19	8.05	0.449	18.89	0.005	0.005	0.009	0.216	2.07	0.005	4359	0.005
MRC198	MD20028	55	56	2.2	0.115	24.73	40.42	2	0.2	9.07	0.556	17.51	0.005	0.01	0.009	0.201	2.31	0.005	3697	0.005
MRC198	MD20029	56	57	2.47	0.125	25.13	37.4	2.32	0.23	9.43	0.724	17.41	0.005	0.005	0.011	0.189	3.65	0.005	2985	0.005
MRC198	MD20030	57	58	2.7	0.124	25.34	36.15	2.69	0.24	9.19	0.752	17.14	0.005	0.005	0.013	0.184	4.13	0.005	4552	0.005
MRC198	MD20031	58	59	2.61	0.116	26.73	36.79	2.32	0.24	8.67	0.947	18.55	0.005	0.005	0.012	0.206	2.99	0.005	4675	0.005
MRC198	MD20032	59	60	2.54	0.119	26.07	36.64	2.24	0.25	8.67	0.676	18.62	0.005	0.005	0.011	0.211	3.36	0.005	2330	0.005
MRC198	MD20033	60	61	2.61	0.12	26.47	38.79	2.85	0.21	8.07	0.66	18.1	0.005	0.005	0.011	0.201	2.59	0.005	5451	0.005
MRC198	MD20034	61	62	8.84	0.358	39.65	22.83	8.48	0.32	8.32	1.023	7.52	0.09	0.38	0.024	0.024	1.35	0.005	2797	0.005
MRC198	MD20035	62	63	9.14	0.352	39.11	27.08	8.58	0.27	7.66	0.838	6.3	0.15	0.58	0.022	0.0025	0.19	0.005	3356	0.005
MRC198	MD20036	63	64	5.05	0.239	27.92	36.61	9.85	0.22	9.98	0.775	7.82	0.24	0.94	0.019	0.02	0.62	0.005	3167	0.005
MRC198	MD20037	64	65	7.32	0.329	34.97	30.63	7.07	0.24	9.33	0.824	7.56	0.16	0.56	0.018	0.0025	0.42	0.005	3505	0.005
MRC198	MD20038	65	66	6.24	0.294	31.84	30.66	7.71	0.23	9.66	1.715	8.18	0.14	0.49	0.016	0.011	1.47	0.005	3047	0.005
MRC198	MD8207	66	67	7.34	0.337	34.83	30.62	5.91	0.24	9.43	1.502	8.35	0.13	0.49	0.011	0.0025	0.53	0.005	3262	0.01
MRC198	MD8208	67	68	6.36	0.307	35.59	31.79	5.2	0.23	9.44	3.112	8.25	0.12	0.42	0.009	0.0025	1.84	0.005	4370	0.01
MRC198	MD8209	68	69	7.01	0.338	32.44	29.42	5.46	0.25	10.8	1.668	8.85	0.12	0.4	0.013	0.0025	1.29	0.005	3617	0.02
MRC198	MD8210	69	70	7.02	0.346	34.33	26.99	4.98	0.26	11.42	0.797	9.6	0.07	0.3	0.013	0.005	2.96	0.005	3773	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC198	MD8211	70	71	7.65	0.363	38.65	24.25	4.79	0.29	9.92	0.879	9.76	0.04	0.16	0.019	0.007	2.52	0.005	3118	0.01
MRC198	MD8212	71	72	4.46	0.173	28.15	36.95	2.85	0.2	8.34	0.682	15.53	0.005	0.04	0.009	0.175	1.51	0.005	2239	0.01
MRC198	MD8213	72	73	2.26	0.062	20.66	40.07	1.88	0.22	7.81	0.461	21.55	0.005	0.005	0.006	0.301	3.98	0.005	4499	0.01
MRC198	MD8214	73	74	2.2	0.055	20.54	37.63	1.89	0.26	7.81	0.475	23.05	0.005	0.005	0.006	0.323	5.69	0.005	4047	0.01
MRC198	MD8215	74	75	2.34	0.054	21.81	38.29	2.18	0.25	7.67	0.487	22	0.005	0.01	0.007	0.314	5.14	0.005	3757	0.005
MRC198	MD8216	75	76	1.8	0.066	22.13	40.3	2.52	0.21	7.22	0.833	20.24	0.005	0.005	0.006	0.282	3.69	0.005	3819	0.01
MRC198	MD8217	76	77	2.05	0.064	20.67	39.62	2.52	0.2	6.93	0.846	20.94	0.005	0.005	0.0025	0.296	4.32	0.005	3494	0.005
MRC198	MD8218	77	78	1.98	0.059	20.81	35.33	1.64	0.22	8.04	0.518	21.99	0.005	0.005	0.0025	0.304	8.2	0.005	2451	0.01
MRC198	MD8219	78	79	6.2	0.282	34.31	27.36	4.12	0.32	9.59	0.38	12.45	0.01	0.04	0.035	0.108	3.83	0.005	4729	0.02
MRC198	MD8220	79	80	6.39	0.276	32.12	27.02	4.47	0.32	12.58	0.419	10	0.04	0.19	0.021	0.026	4.9	0.005	3224	0.02
MRC198	MD10671	80	81	6.55	0.277	33.27	30.73	4.76	0.27	11.1	0.584	9.44	0.12	0.3	0.016	0.01	1.89	0.005	4283	0.02
MRC198	MD10672	81	82	7.29	0.299	34.27	29.87	4.97	0.26	10.91	0.625	8.93	0.11	0.33	0.017	0.014	1.72	0.005	4398	0.01
MRC198	MD10673	82	83	8.46	0.359	37.42	27.3	7.72	0.25	8.68	0.409	7.13	0.18	0.53	0.017	0.0025	0.62	0.005	3874	0.01
MRC198	MD10674	83	84	9.97	0.457	43.24	23.37	6.67	0.27	6.3	1.598	6.33	0.15	0.42	0.021	0.0025	0.21	0.005	4645	0.01
MRC198	MD10675	84	85	3.66	0.169	22.87	37.33	12.34	0.21	10.44	0.829	8.71	0.58	0.96	0.009	0.032	1.46	0.005	5561	0.03
MRC198	MD10676	85	86	1.45	0.108	17.27	39.89	14.13	0.2	12.22	0.125	8.97	0.58	1.18	0.007	0.051	3.72	0.005	3213	0.005
MRC198	MD10677	86	87	3.73	0.164	27.19	36.96	5.15	0.22	8.85	1.002	13.3	0.07	0.4	0.009	0.1	1.32	0.005	2307	0.01
MRC198	MD10678	87	88	1.98	0.087	17.15	42.58	13.09	0.19	11.81	0.329	8.69	0.52	1.5	0.005	0.049	1.85	0.005	2367	0.03
MRC198	MD10679	88	89	2.58	0.106	20.45	42.06	9.25	0.21	9.61	0.503	11.5	0.26	1.27	0.006	0.033	1.23	0.005	1895	0.01
MRC198	MD10680	89	90	5.65	0.245	32.78	32.62	4.67	0.27	8.94	0.81	11.31	0.07	0.42	0.014	0.058	0.54	0.005	4202	0.005
MRC198	MD10681	90	91	2.25	0.097	18.49	41.81	5.06	0.22	13.99	0.725	13.07	0.1	0.47	0.005	0.111	2.47	0.005	4406	0.02
MRC198	MD10682	91	92	4.18	0.188	28.09	35.93	4.54	0.26	9.02	0.529	14.13	0.04	0.19	0.011	0.157	1.84	0.005	2423	0.01
MRC198	MD10683a	92	93	1.95	0.086	22.76	41.83	3.42	0.24	8.41	0.628	19.01	0.02	0.07	0.008	0.307	2.32	0.005	2419	0.005
MRC198	MD10683b	93	94	2	0.077	21.78	38.86	4.74	0.23	8.17	0.398	17.8	0.01	0.03	0.008	0.234	4.75	0.005	2740	0.02
MRC198	MD10684	94	95	1.95	0.06	21.19	39.79	4.14	0.24	7.61	0.541	20.05	0.01	0.04	0.005	0.28	3.08	0.005	3333	0.005
MRC198	MD10685	95	96	1.87	0.055	19.56	41.87	4.56	0.24	8.34	0.475	19.28	0.02	0.04	0.0025	0.274	3.1	0.005	2028	0.01
MRC199	0	55	Results reported ASX announcement 4 April 2025. Hole extended below																	
MRC199	MD8184	55	56	4.84	0.083	15.14	44.42	14.45	0.17	10.22	0.219	5.6	0.22	2.77	0.0025	0.0025	1.26	0.005	1616	0.02
MRC199	MD8185	56	57	4.81	0.076	14.73	43.88	14.67	0.17	10.78	0.191	5.72	0.23	3.25	0.0025	0.0025	1.25	0.005	2948	0.01
MRC199	MD8186	57	58	4.87	0.076	14.89	44.41	14.55	0.17	9.97	0.202	5.59	0.16	3.81	0.005	0.0025	1.12	0.005	1810	0.02
MRC199	MD8187	58	59	4.47	0.077	13.84	46.43	13.36	0.16	10.31	0.325	4.97	0.19	3.39	0.0025	0.0025	2.16	0.005	2387	0.02
MRC199	MD8188	59	60	3.82	0.064	12.14	45.64	17	0.14	9.36	0.103	4.28	0.39	4.64	0.0025	0.0025	1.78	0.005	2108	0.02
MRC199	MD8192	60	61	4.29	0.102	17	41.1	13.68	0.17	9.99	0.376	6.66	0.43	3.13	0.006	0.025	2.45	0.005	2530	0.005
MRC199	MD8193	61	62	1.97	0.053	18.14	37.45	1.96	0.17	10.86	0.539	18.62	0.02	0.17	0.0025	0.278	8.67	0.005	4385	0.005
MRC199	MD8194	62	63	2.07	0.056	20.24	36.17	1.58	0.22	8.21	0.313	23.14	0.01	0.05	0.005	0.325	8.39	0.005	2702	0.01
MRC199	MD8195	63	64	1.89	0.053	19.59	36.04	1.46	0.21	7.63	0.305	22.94	0.005	0.03	0.0025	0.326	9.09	0.005	2914	0.005
MRC199	MD8196	64	65	2	0.053	20.68	38.57	2.11	0.19	7.68	0.273	22.21	0.01	0.13	0.0025	0.318	5.31	0.005	2989	0.01
MRC199	MD8197	65	66	2.1	0.065	13.15	44.47	14.15	0.17	11.88	0.123	8.61	0.15	2.18	0.0025	0.067	2.56	0.005	2747	0.005
MRC199	MD8198	66	67	2.46	0.075	12.46	46.67	16.07	0.17	11.01	0.056	6.4	0.19	2.94	0.0025	0.025	1.07	0.005	4208	0.01
MRC199	MD8199	67	68	3.7	0.081	13.33	45.94	15.61	0.19	10.37	0.043	5.88	0.21	3.09	0.0025	0.009	1.02	0.005	2230	0.03
MRC199	MD8200	68	69	3.55	0.089	14.75	45.3	15.4	0.19	9.88	0.252	5.49	0.27	3.23	0.006	0.01	1.02	0.005	2376	0.02
MRC199	MD8201	69	70	7.97	0.251	29.22	31.56	9.82	0.28	8.35	1.962	6.13	0.42	1.11	0.008	0.0025	2.83	0.005	3785	0.01
MRC199	MD8202	70	71	7.54	0.201	25.15	34.44	11.74	0.27	8.93	1.831	6.07	0.43	1.65	0.007	0.0025	2.28	0.005	3299	0.01
MRC199	MD8203	71	72	3.27	0.102	15.9	39.55	15.7	0.2	12.09	0.241	7.43	0.72	2.02	0.008	0.022	2.69	0.005	2509	0.01
MRC199	MD8204	72	73	2.33	0.075	11.8	45.78	17.33	0.15	10.84	0.046	5.36	0.57	3.53	0.0025	0.018	1.59	0.005	3738	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC199	MD8205	73	74	2.65	0.113	17.72	39.35	14.89	0.2	11.56	0.201	8.17	0.63	1.78	0.009	0.038	2.27	0.005	3447	0.02
MRC199	MD8206	74	75	1.36	0.06	15.27	47.46	14.48	0.16	9.6	0.038	7.53	0.28	2.94	0.007	0.029	0.65	0.005	3505	0.01
MRC199	MD10635	75	76	1.1	0.063	13.15	49.09	14.79	0.15	9.77	0.018	7.17	0.24	3.15	0.005	0.041	0.65	0.005	3664	0.005
MRC199	MD10636	76	77	3.59	0.155	20.51	42.47	12.62	0.2	9.74	1.168	7.04	0.26	2.07	0.006	0.023	1.13	0.005	3125	0.005
MRC199	MD10637	77	78	1.84	0.095	15.92	46.9	14.07	0.18	9.93	0.303	7	0.22	2.81	0.005	0.015	0.65	0.005	2501	0.005
MRC199	MD10638	78	79	1.29	0.076	14.78	46.19	14.45	0.18	11.38	0.012	7.09	0.27	2.78	0.006	0.016	1.53	0.005	5666	0.02
MRC199	MD10639	79	80	3.49	0.142	18.36	42.81	12.1	0.21	11.62	0.652	7.59	0.21	1.77	0.006	0.01	1.56	0.005	1740	0.01
MRC199	MD10640	80	81	2.09	0.079	13	46.66	12.93	0.17	12.82	0.07	7.31	0.27	2.08	0.0025	0.0025	2.02	0.005	2319	0.01
MRC199	MD10641	81	82	1.98	0.085	13.48	46.95	12.65	0.18	12.88	0.115	7.75	0.25	1.94	0.0025	0.009	1.69	0.005	2307	0.005
MRC199	MD10642	82	83	1.52	0.088	14.4	46.42	13.93	0.18	11.08	0.105	8.74	0.17	2.29	0.0025	0.041	0.99	0.005	5882	0.005
MRC199	MD10643	83	84	3.23	0.152	21.3	40.87	12.92	0.21	9.25	0.413	8.9	0.15	1.71	0.007	0.028	0.81	0.005	2354	0.005
MRC199	MD10644	84	85	4.97	0.23	29.22	34.18	10.81	0.24	7.67	0.531	9.26	0.15	1.04	0.012	0.014	0.73	0.005	3542	0.005
MRC199	MD10645	85	86	4.69	0.214	30.46	32.14	11.41	0.24	7.51	0.531	10.15	0.13	0.78	0.015	0.037	1.9	0.005	3818	0.01
MRC199	MD10646	86	87	5.45	0.218	30.97	30.44	8.1	0.28	8.29	0.422	13.14	0.07	0.23	0.013	0.097	2.68	0.005	3400	0.02
MRC199	MD10647	87	88	1.72	0.056	18.62	40.65	2.17	0.2	8.73	0.461	21.69	0.005	0.005	0.0025	0.298	4.71	0.005	2708	0.005
MRC199	MD10648	88	89	1.98	0.056	20.34	36.04	1.9	0.23	7.56	0.311	23.5	0.005	0.005	0.0025	0.333	6.95	0.005	2070	0.01
MRC199	MD10649	89	90	2.01	0.056	20.75	35.77	1.78	0.22	7.17	0.274	23.87	0.005	0.005	0.0025	0.338	7.18	0.005	2326	0.01
MRC199	MD10650	90	91	1.91	0.055	20.73	36.17	1.68	0.21	6.71	0.373	23.98	0.005	0.005	0.0025	0.341	7.35	0.005	3130	0.005
MRC199	MD10651	91	92	2.01	0.055	20.37	34.19	1.73	0.24	8.22	0.432	22.84	0.005	0.005	0.0025	0.32	8.74	0.005	2063	0.005
MRC199	MD10652	92	93	2.31	0.06	19.94	36.01	2.17	0.24	8.96	0.458	21.65	0.005	0.07	0.005	0.297	7.05	0.005	1338	0.01
MRC199	MD10653	93	94	2.65	0.063	21.44	36.01	2.51	0.24	8.41	0.383	21.42	0.005	0.005	0.006	0.296	5.64	0.005	2270	0.01
MRC199	MD10654	94	95	2.57	0.067	23.33	36.08	2.58	0.25	8.35	0.542	20.8	0.005	0.005	0.007	0.292	5.07	0.005	3603	0.005
MRC199	MD10655	95	96	2	0.075	25.6	39.1	3.78	0.22	7.35	1.291	17.85	0.01	0.05	0.008	0.233	2.46	0.005	3225	0.01
MRC199	MD10656	96	97	3.36	0.177	22.6	37.52	13.83	0.22	10.23	0.328	8.36	0.84	0.99	0.01	0.041	1.15	0.005	6526	0.005
MRC199	MD10657	97	98	1.82	0.104	17.67	41.3	15.03	0.19	10.47	0.201	8.93	1.27	1.13	0.009	0.054	1.63	0.005	2726	0.01
MRC199	MD10658	98	99	2.95	0.13	23.78	35.91	8.27	0.2	10.18	1.78	11.58	0.72	0.54	0.007	0.114	2.35	0.005	5662	0.01
MRC199	MD10659	99	100	2.88	0.122	22.46	35.94	7.28	0.23	9.74	1.593	14.89	0.24	0.41	0.021	0.146	3.18	0.005	3252	0.01
MRC199	MD10660	100	101	2.29	0.081	20.3	39.11	7.44	0.21	7.86	0.757	17.09	0.19	0.2	0.007	0.184	3.27	0.005	4146	0.02
MRC199	MD10661	101	102	1.42	0.044	18.1	43.33	3.6	0.23	8.97	0.905	20.09	0.02	0.03	0.0025	0.22	3.06	0.005	3079	0.02
MRC199	MD10665	102	103	1.46	0.045	19.64	39.9	3.39	0.23	7.51	0.844	21.83	0.02	0.005	0.006	0.247	3.42	0.005	3710	0.01
MRC199	MD10666	103	104	1.15	0.037	17.61	41.96	3.11	0.2	7.22	0.613	22.37	0.02	0.005	0.005	0.291	4.02	0.005	3008	0.02
MRC199	MD10667	104	105	0.89	0.031	17.63	42.64	2.93	0.2	7.44	0.785	22.45	0.02	0.005	0.0025	0.248	4.09	0.005	2484	0.02
MRC199	MD10668	105	106	1.08	0.037	16.44	42.82	4.3	0.2	7.94	0.621	21.19	0.02	0.005	0.0025	0.204	3.85	0.005	1833	0.02
MRC199	MD10669	106	107	0.97	0.03	16.64	41.45	4.42	0.19	6.95	0.591	22.92	0.02	0.01	0.0025	0.21	4.75	0.005	2966	0.02
MRC199	MD10670	107	108	0.94	0.033	16.06	41.68	4.21	0.2	8.29	0.626	22.07	0.02	0.005	0.0025	0.21	5.04	0.005	2477	0.02
MRC209	MD10686	0	1	2.52	0.05	13.05	39.53	6.63	0.19	9.63	0.041	12.82	0.72	0.85	0.011	0.081	13.97	0.005	303	0.02
MRC209	MD10687	1	2	3.58	0.054	12	47.34	11	0.19	5.69	0.042	6.48	1.32	1.68	0.01	0.04	10.22	0.005	366	0.02
MRC209	MD10688	2	3	2.29	0.055	11.33	49.35	14.25	0.18	4.1	0.059	5.08	1.7	2.05	0.008	0.028	9.84	0.005	301	0.02
MRC209	MD10689	3	4	1.85	0.061	12.85	52.14	15.91	0.18	1.52	0.063	3.91	1.76	2.21	0.01	0.041	7.37	0.005	408	0.02
MRC209	MD10690	4	5	2.82	0.086	26.7	43.5	5.93	0.19	4.97	0.032	10.36	0.24	1.1	0.008	0.34	3.95	0.005	1081	0.01
MRC209	MD10691	5	6	3.21	0.084	28.72	42.32	2.71	0.24	5.97	0.02	11.97	0.04	0.72	0.01	0.395	3.01	0.005	1417	0.005
MRC209	MD10692	6	7	2.89	0.087	28.96	42.93	1.68	0.25	6.44	0.021	12.77	0.03	0.61	0.01	0.417	2.67	0.005	1250	0.005
MRC209	MD10693	7	8	2.93	0.08	29	43.29	1.8	0.23	5.99	0.019	12.43	0.02	0.65	0.011	0.42	2.93	0.005	1172	0.005
MRC209	MD10694	8	9	2.97	0.087	29.94	42.82	1.98	0.22	5.65	0.024	11.76	0.02	0.67	0.012	0.422	3.15	0.005	1712	0.01
MRC209	MD10695	9	10	3.12	0.088	30.8	41.87	1.86	0.22	5.84	0.019	11.65	0.02	0.66	0.0025	0.465	2.97	0.005	1581	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
MRC209	MD10696	10	11	2.76	0.082	28.95	42.81	1.68	0.21	6.19	0.02	12.28	0.02	0.58	0.011	0.408	3.09	0.005	1245	0.005
MRC209	MD10697	11	12	2.79	0.082	28.94	45.86	1.71	0.2	3.57	0.029	12.01	0.01	0.71	0.014	0.408	3.23	0.005	1458	0.005
MRC209	MD10698	12	13	2.46	0.07	23.71	47.88	1.98	0.18	3.76	0.014	15.93	0.01	0.59	0.011	0.344	3.22	0.005	2186	0.005
MRC209	MD10699	13	14	3.06	0.087	30.19	42.63	2.54	0.24	5.42	0.018	11.55	0.01	0.73	0.012	0.422	2.85	0.005	1055	0.005
MRC209	MD10700	14	15	2.57	0.066	19.36	45.8	10.16	0.17	5.19	0.009	11.22	0.29	1.33	0.014	0.17	3.23	0.005	1750	0.005
MRC209	MD10701	15	16	1.86	0.072	12.98	48.23	15.34	0.19	9.3	0.001	7.27	0.33	2.7	0.01	0.036	1.13	0.005	3181	0.01
MRC209	MD10702	16	17	2	0.087	15.1	47.59	14.29	0.18	8.89	0.003	7.8	0.25	2.51	0.012	0.046	1.24	0.005	2555	0.005
MRC209	MD10703	17	18	2.38	0.109	18.78	46.74	12.4	0.2	6.78	0.004	7.52	0.89	1.49	0.018	0.057	2.47	0.005	2033	0.005
MRC209	MD10704	18	19	5.15	0.211	27.86	37.75	9.36	0.3	6.25	0.006	9	0.53	1	0.019	0.066	2.63	0.005	2858	0.005
MRC209	MD10705	19	20	2.15	0.097	22.55	47.34	3.23	0.27	6.62	0.005	13.66	0.06	0.66	0.015	0.276	2.42	0.005	1538	0.005
MRC209	MD10706	20	21	2.72	0.131	23.9	42.68	6.2	0.27	7.6	0.006	13.6	0.13	0.67	0.015	0.039	1.93	0.005	2264	0.01
MRC209	MD10710	21	22	4.11	0.202	29.96	38.95	4.13	0.25	6.66	0.005	13.4	0.09	0.48	0.016	0.16	1.63	0.005	2252	0.005
MRC209	MD10711	22	23	5.6	0.301	34.25	33.24	8.34	0.31	5.52	0.005	8.31	0.98	0.8	0.02	0.05	1.89	0.005	2282	0.005
MRC209	MD10712	23	24	5.89	0.299	34.21	34.2	6.32	0.22	5.43	0.006	9.54	0.24	0.76	0.018	0.06	2.54	0.005	2126	0.01
MRC209	MD10713	24	25	1.76	0.169	27.97	39.62	13.01	0.21	0.73	0.005	7.54	1.26	1.29	0.018	0.031	6.35	0.005	1748	0.005
MRC209	MD10714	25	26	6.82	0.386	40.78	28.22	6.24	0.3	3.55	0.007	9.39	0.14	0.71	0.028	0.122	3.14	0.005	3673	0.005
MRC209	MD10715	26	27	5.08	0.263	36.02	33.87	3.46	0.25	5.18	0.005	13.15	0.02	0.47	0.016	0.192	2.27	0.005	4883	0.005
MRC209	MD10716	27	28	2.95	0.137	26.28	41.04	3.58	0.26	6.38	0.006	15.11	0.04	0.48	0.016	0.202	2.98	0.005	4135	0.01
MRC209	MD10717	28	29	5.6	0.304	36.91	31.75	4.06	0.28	5.39	0.004	12.02	0.07	0.39	0.019	0.235	2.56	0.005	5605	0.005
MRC209	MD10719	30	31	2.28	0.087	16.8	47.37	5.89	0.25	11.31	0.008	13.58	0.24	0.67	0.011	0.153	1.1	0.005	3472	0.01
MRC209	MD10720	31	32	3.27	0.148	25.25	40.84	5.48	0.26	7.8	0.005	14.02	0.17	0.56	0.016	0.166	2.24	0.005	5918	0.01
MRC209	MD10721	32	33	2.24	0.078	20.63	41.3	3.24	0.25	6.42	0.004	18.28	0.03	0.35	0.014	0.268	6.36	0.005	1973	0.005
MRC209	MD10722	33	34	1.61	0.061	20.15	41.99	6.23	0.24	7.02	0.005	17.95	0.03	0.3	0.013	0.151	4.33	0.005	5576	0.005
MRC209	MD10723	34	35	1.38	0.053	19.91	42.08	7.78	0.26	7.11	0.005	16.92	0.05	0.42	0.014	0.159	4.05	0.005	3244	0.005
MRC209	MD10724	35	36	1.45	0.047	20.62	43.75	4.44	0.22	7.32	0.006	18.41	0.02	0.2	0.014	0.128	3.32	0.005	3379	0.01
MRC209	MD10725	36	37	1.81	0.052	21.79	41.78	5.68	0.25	5.63	0.072	18.5	0.02	0.23	0.014	0.128	4.13	0.005	4788	0.02
MRC209	MD10726	37	38	1.37	0.045	18.79	44.14	4.83	0.24	7.79	0.254	18.33	0.03	0.24	0.013	0.117	3.69	0.005	5113	0.005
MRC209	MD10727	38	39	1.41	0.051	19.28	42.51	4.99	0.25	7.63	0.441	18.92	0.03	0.17	0.012	0.141	4.11	0.005	3092	0.01
MRC209	MD10728	39	40	1.62	0.048	18.64	41.92	4.72	0.23	8	0.546	19.08	0.03	0.15	0.01	0.18	5.02	0.005	4217	0.005
MRC209	MD10729	40	41	1.57	0.05	18.74	42.46	4.34	0.23	7.88	0.613	19.28	0.03	0.14	0.01	0.178	4.27	0.005	2472	0.005
PTC034	MD10004	0	1	11.17	0.598	44.39	27.52	8.97	0.21	0.52	0.051	1.06	0.27	0.42	0.027	0.078	4.33	0.005	747	0.02
PTC034	MD10005	1	2	13.57	0.691	47.97	23.74	8.18	0.23	0.03	0.052	0.43	0.04	0.22	0.042	0.078	3.72	0.005	2032	0.005
PTC034	MD10006	2	3	15.42	0.672	51.01	21.73	6.41	0.28	0.02	0.06	0.58	0.03	0.35	0.059	0.159	2.88	0.005	885	0.02
PTC034	MD10007	3	4	7.06	0.369	39.72	30.67	12.33	0.18	0.02	0.107	0.42	0.05	0.53	0.028	0.627	6.63	0.005	1496	0.03
PTC034	MD10008	4	5	13.2	0.628	56.95	14.6	8.7	0.28	0.005	0.086	0.52	0.02	0.29	0.065	0.278	4.2	0.005	2210	0.01
PTC034	MD10009	5	6	9.37	0.531	44.71	22.36	15.36	0.21	0.04	0.07	0.43	0.14	0.38	0.042	0.144	6.14	0.005	2085	0.005
PTC034	MD10010	6	7	11.32	0.611	53.12	16.6	11.48	0.24	0.04	0.072	0.52	0.14	0.29	0.03	0.112	5.01	0.005	1229	0.005
PTC034	MD10011	7	8	13.2	0.711	64.7	10.12	6.95	0.32	0.03	0.048	0.81	0.01	0.23	0.029	0.156	2.71	0.005	1496	0.005
PTC034	MD10012	8	9	10.21	0.567	55.75	15.09	10.82	0.26	0.01	0.072	1.17	0.02	0.33	0.019	0.179	4.67	0.005	2650	0.005
PTC034	MD10013	9	10	3.03	0.172	22.55	37.38	23.46	0.08	0.08	0.094	1.36	0.22	0.8	0.014	0.135	9.72	0.005	1291	0.005
PTC034	MD10014	10	11	6.98	0.349	56.33	16.18	9.23	0.24	0.04	0.062	2.95	0.03	0.57	0.027	0.502	5.85	0.005	831	0.005
PTC034	MD10015	11	12	5.19	0.188	52.7	19.02	10.08	0.24	0.06	0.096	3.07	0.03	0.61	0.033	0.886	7.11	0.005	530	0.02
PTC034	MD10016	12	13	7.63	0.29	62.6	13.35	7.33	0.28	0.01	0.082	0.59	0.005	0.35	0.026	0.754	5.83	0.005	1011	0.02
PTC034	MD10017	13	14	5.61	0.182	46.19	21.53	13.19	0.17	0.02	0.083	2.5	0.02	0.62	0.051	0.445	8.61	0.005	1814	0.02
PTC034	MD10018	14	15	3.81	0.115	23.23	53.56	8.81	0.13	0.01	0.044	3.29	0.02	0.49	0.055	0.305	5.2	0.005	1773	0.01

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC034	MD10019	15	16	4.57	0.186	35.73	41.31	9.23	0.16	0.02	0.091	0.75	0.03	0.53	0.044	0.372	6.35	0.005	1907	0.02
PTC034	MD10020	16	17	4.62	0.205	44.48	27.17	10.61	0.2	0.04	0.075	2.13	0.04	0.76	0.06	0.165	7.92	0.005	1297	0.02
PTC034	MD10021	17	18	1.76	0.056	58.02	19.2	6.96	0.33	0.03	0.124	2.02	0.03	0.64	0.077	0.026	9.78	0.005	953	0.02
PTC034	MD10022	18	19	2.51	0.1	37.95	40.17	8.17	0.27	0.04	0.084	2.1	0.06	0.77	0.052	0.057	7.11	0.005	700	0.02
PTC034	MD10023	19	20	2.11	0.07	19.94	67.95	3.86	0.14	0.07	0.028	1.5	0.05	0.45	0.049	0.105	3.25	0.005	963	0.005
PTC034	MD10027	20	21	3.32	0.141	48.69	30.59	3.98	0.44	0.98	0.027	3.39	0.04	0.54	0.045	0.406	6.5	0.005	463	0.005
PTC034	MD10028	21	22	3.2	0.136	50.5	26.84	3.93	0.48	1.49	0.034	4.31	0.05	0.62	0.036	0.439	7.08	0.005	900	0.01
PTC034	MD10029	22	23	3.19	0.143	42.36	32.06	4.17	0.32	2.96	0.023	7.61	0.05	0.62	0.036	0.403	5.63	0.005	1106	0.01
PTC034	MD10030	23	24	2.29	0.085	35.02	33.17	6.39	0.23	3.24	0.016	11.64	0.05	0.6	0.022	0.158	5.87	0.005	1900	0.01
PTC034	MD10031	24	25	3.07	0.115	29.88	36.6	9.37	0.31	1.75	0.018	9.97	0.27	1.51	0.025	0.093	5.72	0.005	1317	0.01
PTC035	MD10032	0	1	6.41	0.388	43.36	34.98	7.59	0.16	0.19	0.053	0.48	0.04	0.16	0.013	0.011	5.53	0.005	1200	0.01
PTC035	MD10033	1	2	6.75	0.396	46.36	32.02	7.51	0.18	0.09	0.08	0.34	0.01	0.16	0.016	0.011	5.99	0.005	2424	0.01
PTC035	MD10034	2	3	6.1	0.354	33.07	39.24	13.61	0.16	0.05	0.055	0.33	0.22	0.2	0.01	0.039	6.06	0.005	2622	0.005
PTC035	MD10035	3	4	5.88	0.371	40.21	34.01	12.11	0.14	0.03	0.079	0.35	0.02	0.21	0.007	0.069	6.43	0.005	2233	0.005
PTC035	MD10036	4	5	10.27	0.564	60.84	16.82	6.78	0.26	0.02	0.064	0.4	0.005	0.16	0.014	0.022	3.74	0.005	3648	0.005
PTC035	MD10037	5	6	4.48	0.229	34.2	42.46	10.56	0.13	0.03	0.069	0.54	0.03	0.28	0.015	0.025	6.43	0.005	2097	0.005
PTC035	MD10038	6	7	11.84	0.693	57.71	15.91	8.63	0.24	0.03	0.055	0.42	0.01	0.17	0.008	0.062	3.66	0.005	1676	0.005
PTC035	MD10039	7	8	13.46	0.737	63.97	10.61	6.83	0.31	0.03	0.075	0.37	0.005	0.15	0.012	0.019	3.17	0.005	2650	0.005
PTC035	MD10040	8	9	13.43	0.719	64.58	10.5	6.66	0.31	0.02	0.046	0.53	0.005	0.19	0.016	0.014	2.46	0.005	1284	0.01
PTC035	MD10041	9	10	13.11	0.703	64.63	10.69	6.92	0.3	0.03	0.055	0.56	0.01	0.18	0.014	0.016	2.59	0.005	1278	0.01
PTC035	MD10042	10	11	11.76	0.59	57.63	14.58	9.36	0.27	0.02	0.07	0.65	0.02	0.25	0.016	0.111	4.47	0.005	1715	0.01
PTC035	MD10043	11	12	12.62	0.718	67.44	8.85	6.3	0.32	0.01	0.057	0.52	0.005	0.14	0.017	0.042	2.81	0.005	2744	0.005
PTC035	MD10044	12	13	13.09	0.706	63.93	10.25	5.93	0.31	0.02	0.025	2.08	0.01	0.26	0.015	0.04	2.35	0.005	1551	0.005
PTC035	MD10045	13	14	11.72	0.637	64.61	10.05	5.03	0.31	0.02	0.014	4.46	0.01	0.35	0.024	0.048	2.61	0.005	1900	0.005
PTC035	MD10046	14	15	11.88	0.654	62.77	10.26	5.02	0.31	0.03	0.01	4.88	0.02	0.28	0.027	0.065	2.85	0.005	1367	0.005
PTC035	MD10047	15	16	12.32	0.681	63.94	9.51	4.26	0.33	0.25	0.007	4.92	0.01	0.2	0.032	0.073	2.35	0.005	1655	0.005
PTC035	MD10048	16	17	12.2	0.668	63.14	10.36	4.41	0.31	0.37	0.004	5.99	0.02	0.19	0.025	0.084	2.36	0.005	5149	0.005
PTC035	MD10049	17	18	12.21	0.657	62.36	10.22	4.11	0.28	0.39	0.006	6.12	0.02	0.17	0.028	0.105	2.34	0.005	4716	0.005
PTC035	MD10050	18	19	10.65	0.588	59.06	15.07	3.63	0.27	0.98	0.004	6.52	0.02	0.2	0.028	0.123	2.25	0.005	1906	0.005
PTC035	MD10051	19	20	9.79	0.541	56.31	18.37	3.66	0.26	1.25	0.005	7.13	0.02	0.25	0.024	0.13	2.3	0.005	3137	0.005
PTC035	MD10055	21	22	9.73	0.537	57.12	18.75	3.51	0.25	0.73	0.005	6.05	0.02	0.27	0.025	0.149	2.21	0.005	3625	0.005
PTC035	MD10056	22	23	8.61	0.465	58.58	18.68	3.26	0.31	0.25	0.008	5.02	0.03	0.43	0.026	0.151	3.19	0.005	2565	0.005
PTC035	MD10057	23	24	7.14	0.39	55.89	22.13	3.3	0.3	0.45	0.01	5.31	0.03	0.46	0.025	0.187	3.42	0.005	2189	0.01
PTC035	MD10058	24	25	4.18	0.23	37.63	26.92	9.93	0.25	1.85	0.007	12.57	0.04	0.36	0.021	0.148	5.59	0.005	1506	0.005
PTC035	MD10059	25	26	5	0.276	41.37	29.8	4.2	0.26	3.35	0.005	10.81	0.03	0.27	0.02	0.333	3.66	0.005	1317	0.005
PTC035	MD10060	26	27	1.57	0.058	24.22	45.35	4.2	0.17	5.17	0.005	14.39	0.03	0.24	0.02	0.315	4.21	0.005	2047	0.01
PTC035	MD10061	27	28	1.56	0.068	27.91	44.78	3.64	0.2	4.64	0.005	12.35	0.03	0.3	0.019	0.294	4.22	0.005	2659	0.005
PTC035	MD10062	28	29	8.13	0.445	52.44	21.29	3.89	0.31	1.34	0.006	7.92	0.02	0.3	0.026	0.4	3.02	0.005	3341	0.005
PTC035	MD10063	29	30	6.15	0.317	51.72	24.28	3.67	0.35	1.09	0.007	6.84	0.04	0.45	0.024	0.313	4.21	0.005	2318	0.005
PTC035	MD10064	30	31	3.17	0.133	36.79	40.55	2.95	0.18	2.56	0.006	8.05	0.04	0.4	0.017	0.32	4.39	0.005	2155	0.005
PTC035	MD10564	31	32	0.91	0.052	15.9	39.33	8.88	0.27	11.12	0.148	16.87	0.55	0.28	0.013	0.123	5.33	0.005	2629	0.005
PTC035	MD10065	32	33	1.32	0.091	19.02	44.02	15.84	0.23	3.12	0.009	7.85	0.55	0.95	0.021	0.124	6.55	0.005	1905	0.005
PTC035	MD10066	33	34	1.03	0.046	19.81	47.22	7.57	0.37	5.95	0.014	12.68	0.15	0.63	0.016	0.062	4.46	0.005	1626	0.01
PTC035	MD10067	34	35	2.02	0.124	22.62	41.87	10.77	0.25	6.06	0.007	10.07	0.19	0.6	0.013	0.133	4.46	0.005	1957	0.005
PTC035	MD10068	35	36	0.58	0.038	15.96	47.04	14.21	0.29	5.76	0.006	9.57	0.23	0.75	0.016	0.059	5.35	0.005	2359	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC035	MD10069	36	37	1.38	0.057	22.81	42.03	4.3	0.26	7.16	0.004	17.06	0.04	0.23	0.013	0.039	4.24	0.005	3661	0.01
PTC035	MD10070	37	38	1.28	0.046	24.87	41.86	4.31	0.24	5.93	0.005	16.89	0.03	0.2	0.013	0.022	4.22	0.005	2774	0.005
PTC035	MD10071	38	39	1.3	0.048	29.53	37.57	4.71	0.57	4.73	0.007	15.07	0.05	0.28	0.017	0.021	5.28	0.005	1536	0.01
PTC035	MD10072	39	40	1.28	0.04	35.67	33.27	4.54	0.76	3.44	0.009	14.43	0.04	0.29	0.019	0.017	5.77	0.005	2276	0.02
PTC035	MD10073	40	41	1.19	0.038	33.84	35.25	4.42	0.37	3.63	0.007	13.88	0.04	0.29	0.016	0.013	5.99	0.005	2882	0.01
PTC035	MD10076	41	42	1	0.026	36.57	33.85	4.16	0.61	4.02	0.008	13.03	0.04	0.31	0.021	0.009	6.12	0.005	1758	0.005
PTC035	MD10077	42	43	1.02	0.028	26	41.27	4.16	0.25	5.05	0.006	16.34	0.03	0.23	0.014	0.011	5.63	0.005	2878	0.005
PTC035	MD10078	43	44	1.16	0.03	33.46	36.54	4.3	0.67	4.03	0.007	13.04	0.04	0.36	0.02	0.013	6.09	0.005	3205	0.01
PTC035	MD10079	44	45	1.11	0.034	31.5	37.95	4.26	0.52	4.35	0.008	14.2	0.03	0.24	0.02	0.015	5.51	0.005	1294	0.01
PTC035	MD10080	45	46	1.16	0.031	33.5	38.28	3.96	0.35	4.12	0.01	12.63	0.04	0.25	0.022	0.01	5.41	0.005	2684	0.01
PTC035	MD10081	46	47	1.46	0.056	38.13	34.51	5.29	0.89	2.36	0.015	10.6	0.07	0.5	0.029	0.046	5.95	0.005	1671	0.01
PTC035	MD10082	47	48	1.69	0.079	32.38	32.79	8.33	0.39	1.94	0.017	14.29	0.06	0.39	0.021	0.084	6.61	0.005	1285	0.02
PTC035	MD10083	48	49	3.51	0.171	33.57	27.68	11.09	0.24	1.13	0.015	13.79	0.04	0.34	0.031	0.229	7.12	0.005	1646	0.02
PTC035	MD10084	49	50	8.89	0.333	46.71	19.94	8.48	0.26	0.19	0.014	8.11	0.05	0.36	0.03	0.2	5.36	0.005	2368	0.02
PTC035	MD10085	50	51	9.96	0.533	53.55	18.97	4.98	0.34	1.66	0.008	5.86	0.11	0.29	0.022	0.105	2.81	0.005	2058	0.005
PTC035	MD10086	51	52	2.16	0.124	23.24	40.85	12.5	0.21	2.82	0.01	9.84	0.95	1.11	0.019	0.081	5.45	0.005	2179	0.005
PTC035	MD10087	52	53	2.29	0.12	23.68	38.19	7.52	0.29	6.29	0.03	12.8	0.32	0.77	0.014	0.112	7.4	0.005	1458	0.005
PTC035	MD10088	53	54	2.09	0.09	22.93	40.2	3.8	0.27	7.52	0.393	16.36	0.05	0.14	0.013	0.168	6.53	0.005	2577	0.005
PTC035	MD10089	54	55	1	0.051	16.16	41.67	10.95	0.2	9.97	0.04	12.42	0.71	0.7	0.011	0.074	6.12	0.005	3853	0.005
PTC035	MD10090	55	56	1.06	0.034	22.29	41.47	3.9	0.26	6.99	0.302	18.17	0.06	0.16	0.01	0.041	5.71	0.005	2516	0.01
PTC035	MD10091	56	57	1.08	0.031	23.62	40.24	4.64	0.28	5.48	0.131	21.03	0.03	0.07	0.012	0.011	2.89	0.005	3463	0.01
PTC035	MD10092	57	58	1	0.033	23.68	39.54	4.36	0.28	5.58	0.16	22.11	0.03	0.06	0.013	0.023	3.27	0.005	3620	0.01
PTC035	MD10093	58	59	1.06	0.033	22.27	41.86	4.06	0.26	6.58	0.208	21.23	0.11	0.08	0.012	0.013	2.38	0.005	2854	0.01
PTC035	MD10094	59	60	1.4	0.042	15.34	46.04	4.56	0.24	11.92	0.142	17.72	0.21	0.23	0.009	0.069	1.83	0.005	3582	0.01
PTC038	MD10095	0	1	7.56	0.418	51.77	22.17	8.4	0.2	1.11	0.032	1.7	0.17	0.3	0.008	0.228	5.19	0.005	1120	0.005
PTC038	MD10096	1	2	5.39	0.282	46.67	25.8	12.26	0.15	0.22	0.099	0.48	0.03	0.24	0.015	0.329	7.85	0.005	1462	0.01
PTC038	MD10097	2	3	3.52	0.212	42.04	29.55	13.43	0.1	0.11	0.147	0.3	0.04	0.24	0.011	0.436	9.38	0.005	1301	0.01
PTC038	MD10098	3	4	2.96	0.176	43.87	28.79	13.08	0.09	0.1	0.182	0.27	0.04	0.29	0.01	0.443	10.04	0.005	1100	0.01
PTC038	MD10099	4	5	4.3	0.234	54.84	19.26	10.35	0.14	0.03	0.191	0.19	0.03	0.26	0.013	0.513	8.99	0.005	2410	0.01
PTC038	MD10100	5	6	3.06	0.173	45.12	25.34	14.46	0.11	0.03	0.174	0.24	0.03	0.27	0.011	0.387	10.43	0.005	1103	0.01
PTC038	MD10101	6	7	2.16	0.13	39.27	30.57	14.45	0.08	0.19	0.162	0.83	0.04	0.4	0.011	0.517	11.13	0.005	767	0.01
PTC038	MD10102	7	8	5.3	0.312	47.61	24.76	11.66	0.15	0.14	0.126	0.67	0.02	0.41	0.026	0.347	8.32	0.005	560	0.01
PTC038	MD10103	8	9	3.42	0.205	49.6	23.43	11.12	0.12	0.72	0.179	1.06	0.08	0.44	0.021	0.332	8.45	0.005	662	0.005
PTC038	MD10104	9	10	2.89	0.131	56.06	20.62	9.89	0.07	0.17	0.197	0.54	0.02	0.32	0.018	0.127	8.9	0.005	750	0.02
PTC038	MD10105	10	11	2.08	0.098	55.89	19.55	9.96	0.09	0.07	0.211	0.67	0.01	0.31	0.026	0.096	10.26	0.005	683	0.01
PTC038	MD10106	11	12	2.54	0.103	49.89	25.45	9.11	0.12	0.03	0.141	4.15	0.01	0.33	0.018	0.062	7.75	0.005	631	0.02
PTC038	MD10107	12	13	3.19	0.099	50.83	23.64	11.17	0.2	0.03	0.144	2.06	0.01	0.43	0.018	0.15	7.77	0.005	690	0.02
PTC038	MD10108	13	14	2.43	0.074	56.78	21.3	9.97	0.12	0.02	0.134	0.67	0.01	0.38	0.022	0.033	7.62	0.005	682	0.02
PTC038	MD10109	14	15	2.37	0.066	53.21	22.79	11.02	0.1	0.02	0.136	0.68	0.01	0.37	0.022	0.048	8.37	0.005	542	0.02
PTC038	MD10110	15	16	2.02	0.059	58.89	19.27	9.54	0.15	0.02	0.103	0.79	0.01	0.38	0.026	0.037	8.31	0.005	716	0.02
PTC038	MD10111	16	17	2.13	0.067	57.56	20.25	9.28	0.16	0.02	0.071	0.9	0.01	0.41	0.026	0.026	8.3	0.005	584	0.02
PTC038	MD10112	17	18	2.67	0.085	57.16	21.08	8.39	0.13	0.03	0.045	1.45	0.01	0.39	0.026	0.027	7.97	0.005	785	0.02
PTC038	MD10113	18	19	3.31	0.093	44.86	24.05	10.28	0.19	0.02	0.023	8.04	0.01	0.82	0.04	0.224	7.14	0.005	724	0.02
PTC038	MD10114	19	20	2.45	0.089	37.02	26.89	11.93	0.17	0.07	0.015	11.93	0.02	0.97	0.057	0.188	8.15	0.005	1124	0.02
PTC038	MD10118	20	21	4.06	0.121	42.85	26.52	9.28	0.26	0.05	0.022	8.6	0.02	0.78	0.041	0.409	6.77	0.005	520	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC038	MD10119	21	22	3.51	0.11	42.84	23.23	9.97	0.32	0.01	0.021	9.01	0.02	0.78	0.049	0.515	8.63	0.005	1110	0.02
PTC038	MD10120	22	23	2.67	0.089	57.52	16.28	6.53	0.25	0.02	0.017	6.53	0.01	0.6	0.039	0.252	8.66	0.005	1335	0.02
PTC038	MD10121	23	24	2.58	0.084	35.34	31	7.39	0.32	1.04	0.013	13.61	0.02	0.72	0.041	0.218	6.62	0.005	1044	0.02
PTC038	MD10122	24	25	2.97	0.089	48.37	20.48	7.84	0.26	0.21	0.02	8.85	0.02	0.67	0.04	0.395	8.35	0.005	1000	0.02
PTC038	MD10123	25	26	4	0.077	36.71	27.2	11.43	0.2	0.22	0.024	8.98	0.05	0.71	0.046	0.328	9	0.005	1160	0.03
PTC038	MD10124	26	27	1.69	0.036	15.66	54.69	8.81	0.09	0.04	0.011	9.32	3.5	0.46	0.042	0.174	4.43	0.005	3010	0.02
PTC038	MD10125	27	28	1.48	0.034	12.27	48.69	12.86	0.11	0.05	0.007	13.28	6.95	0.27	0.031	0.214	2.88	0.005	3536	0.02
PTC038	MD10126	28	29	1.16	0.024	18.66	52	7.42	0.12	0.7	0.018	10.93	4.21	0.43	0.033	0.22	3.54	0.005	2131	0.005
PTC038	MD10127	29	30	1.06	0.026	26.89	44.62	6.13	0.26	1.24	0.036	11.23	2.4	0.8	0.039	0.047	4.84	0.005	976	0.005
PTC039	MD10128	0	1	3.39	0.137	20.93	53.93	10.27	0.04	1.03	0.445	0.79	0.69	1.5	0.0025	0.016	7.3	0.005	454	0.005
PTC039	MD10129	1	2	4.12	0.125	23.67	56.21	7.69	0.02	0.15	0.11	0.51	0.71	1.34	0.0025	0.014	5.16	0.005	1112	0.005
PTC039	MD10130	2	3	3.7	0.107	23.31	56.12	7.83	0.02	0.15	0.124	0.53	0.66	1.45	0.006	0.014	5.32	0.005	1551	0.01
PTC039	MD10131	3	4	4.07	0.134	22.54	55.86	9.38	0.005	0.13	0.122	0.29	0.84	1.32	0.0025	0.009	5.25	0.005	1887	0.02
PTC039	MD10132	4	5	3.63	0.083	21	52.45	12.11	0.02	0.13	0.116	0.66	1.12	1.36	0.007	0.006	6.33	0.005	1066	0.01
PTC039	MD10133	5	6	3.47	0.092	20.52	50.5	14	0.02	0.08	0.115	0.92	0.61	1.08	0.007	0.0025	7.6	0.005	1031	0.01
PTC039	MD10134	6	7	3.4	0.094	20.64	47.19	16.41	0.02	0.07	0.103	1.68	1.28	0.84	0.012	0.0025	8.1	0.005	721	0.005
PTC039	MD10135	7	8	3.4	0.105	20.28	43.97	16.79	0.05	0.09	0.102	3.37	2.46	0.81	0.023	0.005	7.97	0.005	966	0.01
PTC039	MD10136	8	9	3.36	0.077	19.14	46.97	17.5	0.01	0.11	0.09	1.34	1.04	1.07	0.011	0.005	8.84	0.005	646	0.01
PTC039	MD10137	9	10	3.39	0.049	20.28	47.25	15.59	0.02	0.12	0.09	1.49	1.23	1.14	0.011	0.005	8.38	0.005	646	0.005
PTC039	MD10138	10	11	3.08	0.088	20.2	45.63	16.92	0.03	0.12	0.078	2.9	1.27	1.1	0.018	0.0025	8.49	0.005	1411	0.005
PTC039	MD10139	11	12	3.08	0.079	26.23	41.5	15.41	0.04	0.11	0.112	1.86	0.87	1.04	0.019	0.014	9.28	0.005	982	0.005
PTC039	MD10140	12	13	3.32	0.102	28.78	40.93	13.1	0.02	0.15	0.14	1.63	1.05	1.12	0.012	0.033	8.7	0.005	907	0.02
PTC039	MD10141	13	14	2.73	0.056	23.57	45.4	15.33	0.005	0.15	0.091	1.56	0.66	1.3	0.011	0.014	8.67	0.005	1120	0.005
PTC039	MD10142	14	15	2.79	0.029	19.25	47.62	17.1	0.005	0.15	0.066	1.52	1.45	1.35	0.009	0.0025	8.4	0.005	1048	0.01
PTC039	MD10143	15	16	3.11	0.04	21.11	45.51	17.37	0.01	0.17	0.083	1.42	0.74	1.38	0.01	0.009	8.75	0.005	1625	0.01
PTC039	MD10144	16	17	3.21	0.044	18.91	46.12	17.78	0.01	0.26	0.069	1.36	1.08	1.82	0.009	0.013	8.12	0.005	1204	0.005
PTC039	MD10145	17	18	3.22	0.066	18.06	47.05	17.15	0.03	1.56	0.038	2.06	1.06	2.07	0.009	0.006	6.76	0.005	1842	0.005
PTC039	MD10146	18	19	3.26	0.113	18.59	47.17	15.79	0.26	0.64	0.035	3.04	0.76	1.98	0.019	0.0025	7.22	0.005	1227	0.005
PTC039	MD10147	19	20	3.48	0.129	19.37	47.21	16.01	0.18	0.87	0.024	2.76	0.55	2.15	0.015	0.0025	6.74	0.005	1367	0.005
PTC039	MD10151	20	21	3.62	0.132	19.28	47.33	15.51	0.39	0.81	0.021	3.11	0.77	1.92	0.017	0.0025	6.65	0.005	1444	0.005
PTC039	MD10152	21	22	3.19	0.115	23.73	44.1	14.47	0.18	1.61	0.018	3.1	0.78	1.47	0.019	0.005	6.55	0.005	1573	0.005
PTC039	MD10153	22	23	3.91	0.147	29.35	38.24	12.77	0.24	3.32	0.02	3.89	0.2	1.2	0.022	0.024	6	0.005	1828	0.005
PTC039	MD10154	23	24	7.6	0.323	41.16	32.37	4.95	0.22	3.17	0.016	5.11	0.09	0.9	0.022	0.006	3.31	0.005	1557	0.01
PTC039	MD10155	24	25	8.11	0.35	37.79	30.86	4.92	0.23	7.02	0.011	7.84	0.06	0.48	0.021	0.012	1.86	0.005	2040	0.005
PTC039	MD10156	25	26	8.01	0.354	34.32	32.11	4.77	0.19	9.86	0.006	9.08	0.05	0.29	0.016	0.0025	1.09	0.005	2586	0.005
PTC039	MD10157	26	27	6.63	0.298	31.62	34.58	4.64	0.23	10.45	0.007	9.23	0.07	0.36	0.017	0.0025	1.21	0.005	3467	0.005
PTC039	MD10158	27	28	7.46	0.342	36.31	32	4.4	0.26	8.59	0.015	8.51	0.07	0.38	0.018	0.0025	1.4	0.005	4198	0.01
PTC039	MD10159	28	29	8.26	0.372	36.97	31.11	4.54	0.22	8.07	0.016	8.8	0.05	0.33	0.018	0.005	1.4	0.005	2946	0.005
PTC039	MD10160	29	30	5.8	0.257	28.01	36.86	4.97	0.22	11.84	0.011	10.08	0.09	0.36	0.013	0.0025	1.07	0.005	2617	0.005
PTC039	MD10161	30	31	5.19	0.23	26.69	38.53	4.66	0.25	11.96	0.15	10.12	0.17	0.4	0.014	0.0025	1.4	0.005	3135	0.01
PTC039	MD10162	31	32	5.35	0.234	27.9	37.8	4.77	0.25	11.43	0.55	10.06	0.12	0.34	0.014	0.0025	1.39	0.005	4130	0.01
PTC039	MD10163	32	33	5.63	0.244	29.52	36.87	4.72	0.24	10.79	0.474	9.81	0.11	0.35	0.014	0.0025	1.32	0.005	4965	0.005
PTC039	MD10164	33	34	6.2	0.268	30.49	35.16	5.25	0.22	10.91	0.474	9.69	0.08	0.32	0.018	0.0025	1.37	0.005	3268	0.01
PTC039	MD10165	34	35	8.96	0.38	42.1	27.81	4.06	0.26	6.05	0.674	8.54	0.05	0.27	0.025	0.0025	1.18	0.005	6000	0.005
PTC039	MD10166	35	36	9.38	0.459	46.65	25.16	4.45	0.26	4.83	0.468	7.77	0.05	0.28	0.023	0.01	0.63	0.005	6162	0.01

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC039	MD10167	36	37	9.02	0.454	45.51	25.9	4.54	0.26	4.82	0.436	8.01	0.06	0.3	0.02	0.012	0.85	0.005	3162	0.005
PTC039	MD10168	37	38	10.33	0.488	49.98	21.93	4.21	0.27	3.88	0.542	7.17	0.04	0.25	0.023	0.018	0.81	0.005	5405	0.005
PTC039	MD10169	38	39	8.93	0.443	45.98	24.33	3.99	0.26	4.36	0.347	9.23	0.03	0.19	0.02	0.037	1.3	0.005	4762	0.005
PTC039	MD10170	39	40	9.14	0.492	47.9	21.82	3.97	0.25	3.79	0.266	9.77	0.02	0.14	0.022	0.069	1.96	0.005	6264	0.005
PTC039	MD10174	40	41	5.34	0.285	42.05	26.17	3.2	0.39	4.37	0.014	12.04	0.02	0.18	0.02	0.126	4.91	0.005	1589	0.005
PTC039	MD10175	41	42	1.88	0.068	22.02	35.38	1.91	0.26	10.28	0.011	14.54	0.02	0.17	0.009	0.256	12.25	0.005	4044	0.005
PTC039	MD10176	42	43	1.71	0.053	19.8	36.24	1.27	0.23	8.27	0.143	21.04	0.02	0.1	0.008	0.303	10.28	0.005	2182	0.005
PTC039	MD10177	43	44	1.87	0.056	21.39	34.12	1.58	0.23	10.67	0.021	16.69	0.02	0.2	0.007	0.282	13.11	0.005	3692	0.005
PTC039	MD10178	44	45	2.39	0.054	23.01	42.4	2.15	0.22	7.53	0.009	13.25	0.03	0.25	0.008	0.288	8.58	0.005	4868	0.01
PTC039	MD10179	45	46	2.84	0.075	24.23	45.68	4.48	0.31	5.23	0.01	12.35	0.33	0.82	0.009	0.24	3.28	0.005	2597	0.005
PTC039	MD10180	46	47	0.31	0.005	2.85	72.03	15.05	0.07	0.58	0.006	0.99	2.85	2.55	0.012	0.005	2.23	0.005	2952	0.005
PTC039	MD10181	47	48	0.79	0.011	5.1	52.25	25.84	0.15	0.56	0.006	1.73	7.44	2	0.036	0.006	3.53	0.005	1400	0.005
PTC039	MD10182	48	49	0.3	0.0025	2.23	65.55	19.38	0.07	0.49	0.001	0.73	6.03	3.21	0.018	0.0025	1.67	0.005	2186	0.005
PTC039	MD10183	49	50	0.11	0.0025	1.17	86.31	7.24	0.02	0.26	0.001	0.15	1.56	2.31	0.0025	0.0025	0.28	0.005	4025	0.005
PTC042	MD10184	0	1	6.06	0.319	44.47	20.99	10.15	0.29	3.59	0.054	2.34	0.44	0.47	0.012	0.124	9.52	0.005	630	0.01
PTC042	MD10185	1	2	7.06	0.35	46.69	22.72	12.13	0.28	0.71	0.048	1.32	0.22	0.61	0.009	0.163	7.76	0.005	1060	0.01
PTC042	MD10186	2	3	6.8	0.326	55.41	19.18	9.38	0.24	0.04	0.046	0.5	0.11	0.4	0.008	0.274	6.34	0.005	2032	0.01
PTC042	MD10187	3	4	7.51	0.318	53.93	19.17	10.55	0.26	0.02	0.109	0.43	0.09	0.37	0.008	0.223	7	0.005	1100	0.02
PTC042	MD10188	4	5	6.8	0.223	49.06	22.32	11.58	0.2	0.01	0.178	0.32	0.07	0.41	0.015	0.264	8.59	0.005	916	0.02
PTC042	MD10189	5	6	14.15	0.681	65.4	9.38	5.29	0.33	0.005	0.097	0.43	0.02	0.21	0.042	0.112	3.71	0.005	1293	0.005
PTC042	MD10190	6	7	11.83	0.592	62.87	13.25	6.47	0.46	0.02	0.082	0.52	0.03	0.26	0.024	0.147	3.73	0.005	1083	0.005
PTC042	MD10191	7	8	8.93	0.46	53.89	21.57	8.69	0.39	0.02	0.072	0.78	0.04	0.51	0.015	0.136	4.71	0.005	1022	0.005
PTC042	MD10192	8	9	2.68	0.114	34.42	42.33	9.9	0.33	0.58	0.088	1.63	0.05	0.58	0.011	0.271	6.31	0.005	988	0.005
PTC042	MD10193	9	10	2.33	0.078	29.68	51.1	2.83	0.38	2.42	0.031	5.3	0.07	0.53	0.014	0.33	3.89	0.005	2033	0.005
PTC042	MD10194	10	11	2.94	0.098	38.39	43.18	3.89	0.36	1.41	0.034	3.62	0.06	0.62	0.017	0.412	4.74	0.005	1380	0.005
PTC042	MD10195	11	12	4.66	0.152	49.64	26.48	5.35	0.36	1.46	0.027	5.37	0.06	0.6	0.023	0.488	5.09	0.005	580	0.005
PTC042	MD10196	12	13	3.75	0.14	39.5	30.94	4.7	0.36	3.86	0.015	11.1	0.02	0.53	0.023	0.306	4.46	0.005	740	0.005
PTC042	MD10197	13	14	3.88	0.161	46.18	26.89	3.87	0.33	3.03	0.012	9.47	0.02	0.52	0.025	0.383	4.27	0.005	851	0.005
PTC042	MD10198	14	15	3.39	0.121	46.44	29.26	3.59	0.34	2.36	0.014	7.88	0.03	0.69	0.027	0.465	4.96	0.005	453	0.005
PTC042	MD10199	15	16	2.86	0.109	35.03	37.18	3	0.45	4.79	0.021	11.79	0.03	0.58	0.021	0.381	3.59	0.005	664	0.005
PTC042	MD10200	16	17	4.25	0.112	36.77	35.5	3.2	0.44	3.93	0.015	10.75	0.03	0.65	0.022	0.382	3.92	0.005	523	0.005
PTC042	MD10201	17	18	2.81	0.105	35.1	38.46	2.73	0.32	4.45	0.014	10.91	0.02	0.61	0.019	0.394	3.62	0.005	516	0.005
PTC042	MD10202	18	19	2.01	0.089	34.22	42.45	2.35	0.25	3.76	0.013	9.55	0.03	0.6	0.018	0.376	3.82	0.005	677	0.005
PTC042	MD10203	19	20	2.2	0.109	33.79	40.44	2.47	0.33	4.57	0.01	11.02	0.03	0.5	0.017	0.35	3.71	0.005	726	0.005
PTC042	MD10207	20	21	2.85	0.13	34.5	38.15	2.71	0.31	4.68	0.011	11.93	0.02	0.57	0.02	0.359	3.63	0.005	758	0.005
PTC042	MD10208	21	22	2.93	0.139	35.9	36.57	3.1	0.27	4.76	0.015	11.82	0.02	0.41	0.016	0.364	3.75	0.005	764	0.005
PTC042	MD10209	22	23	2.41	0.117	35.23	40.98	2.6	0.45	3.48	0.009	8.91	0.04	0.48	0.019	0.342	4.27	0.005	846	0.005
PTC042	MD10210	23	24	2.59	0.119	32.39	37.33	3.07	0.26	5.75	0.008	13.48	0.02	0.41	0.018	0.335	3.79	0.005	1310	0.005
PTC042	MD10211	24	25	3.29	0.137	30.49	36.39	4.92	0.34	5.59	0.008	14.82	0.02	0.33	0.016	0.054	3.69	0.005	1592	0.01
PTC043	MD10212	0	1	3.83	0.168	25.74	41.17	10.59	0.19	4.15	0.073	3.22	1.08	0.92	0.009	0.059	7.86	0.005	161	0.02
PTC043	MD10213	1	2	2.65	0.104	17.32	49.81	15.99	0.07	0.59	0.103	2.6	1.28	1.64	0.006	0.036	7.35	0.005	200	0.02
PTC043	MD10214	2	3	3.59	0.125	20.51	52.43	11.49	0.01	0.26	0.075	1.79	0.51	2.54	0.005	0.013	6.07	0.005	1011	0.01
PTC043	MD10215	3	4	3.92	0.125	20.86	52.46	12	0.02	0.23	0.076	1.84	0.69	2.19	0.005	0.008	5.81	0.005	1274	0.01
PTC043	MD10216	4	5	3.89	0.124	20.68	51.92	12.18	0.01	0.21	0.084	1.58	0.74	2.1	0.005	0.006	6.02	0.005	1254	0.02
PTC043	MD10217	5	6	3.37	0.107	19.52	55.82	11.47	0.01	0.15	0.079	1.45	0.71	1.83	0.005	0.006	5.68	0.005	1081	0.01

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC043	MD10218	6	7	3.21	0.11	17.89	55.49	12.44	0.02	0.43	0.063	1.72	0.64	1.97	0.005	0.007	5.96	0.005	1461	0.005
PTC043	MD10219	7	8	3.77	0.124	19.13	51.36	13.7	0.01	0.78	0.06	1.97	0.47	2.12	0.007	0.005	6.12	0.005	1237	0.01
PTC043	MD10220	8	9	3.19	0.125	17.63	52.35	14.74	0.03	0.75	0.063	1.6	0.76	2.29	0.006	0.006	6.06	0.005	1424	0.005
PTC043	MD10221	9	10	3.64	0.121	17.98	50.35	14.94	0.02	0.79	0.058	1.83	0.72	2.22	0.006	0.005	6.44	0.005	1142	0.01
PTC043	MD10222	10	11	3.21	0.115	17.31	52.28	14.73	0.02	0.37	0.055	1.54	0.92	2.03	0.008	0.006	6.47	0.005	965	0.01
PTC043	MD10223	11	12	3.71	0.128	18.27	47.28	17.38	0.01	0.49	0.052	1.64	1.34	2.25	0.007	0.009	7.01	0.005	1520	0.01
PTC043	MD10224	12	13	3.56	0.121	18.36	47.04	14.41	0.1	4.11	0.024	4.23	1.05	2.11	0.009	0.009	4.89	0.005	1371	0.005
PTC043	MD10225	13	14	3.39	0.114	18.15	46.29	13.98	0.21	5.06	0.016	5.01	1.39	2.06	0.012	0.006	4.1	0.005	1217	0.005
PTC043	MD10226	14	15	3.95	0.119	20.44	44.47	14.27	0.21	4.26	0.021	3.67	0.92	1.61	0.013	0.009	5.73	0.005	1827	0.01
PTC043	MD10227	15	16	3.5	0.094	17.96	46.23	16.05	0.22	1.52	0.023	2.97	2.5	1.78	0.014	0.013	6.27	0.005	1008	0.005
PTC043	MD10228	16	17	3.72	0.094	18.88	44.37	16.19	0.18	1.51	0.026	3.53	2.32	1.58	0.016	0.01	6.74	0.005	736	0.01
PTC043	MD10229	17	18	2.89	0.092	16.66	46.34	16.19	0.24	3.91	0.02	3.85	3.16	1.54	0.014	0.01	5.21	0.005	1272	0.005
PTC043	MD10230	18	19	3.53	0.091	18.77	45.43	15.64	0.23	1.89	0.026	3.74	2.98	1.51	0.017	0.013	6.18	0.005	1071	0.005
PTC043	MD10231	19	20	3.83	0.079	19.24	45.21	16.03	0.08	1.18	0.03	3.25	2.25	1.61	0.015	0.015	6.84	0.005	1276	0.01
PTC043	MD10235	20	21	3.8	0.081	18.99	46.12	16.03	0.11	1.43	0.029	2.32	2.23	1.82	0.009	0.019	6.58	0.005	1255	0.005
PTC043	MD10236	21	22	3.76	0.086	19.91	44.95	15.32	0.14	2.71	0.027	2.58	1.7	1.9	0.01	0.015	6.27	0.005	1213	0.005
PTC043	MD10237	22	23	3.59	0.088	19.62	45.19	15.14	0.11	3.73	0.021	2.91	1.83	1.8	0.009	0.014	5.7	0.005	1471	0.01
PTC043	MD10238	23	24	3.57	0.093	18.98	46	14.92	0.1	3.78	0.022	3.33	1.48	1.97	0.009	0.014	5.72	0.005	1366	0.01
PTC043	MD10239	24	25	3.44	0.12	18.03	44.91	13.65	0.12	6.66	0.02	5.13	1.37	1.86	0.011	0.008	4.24	0.005	1177	0.005
PTC043	MD10240	25	26	3.03	0.123	16.3	44.74	12.81	0.17	10.65	0.007	6.83	1.1	1.49	0.01	0.01	2	0.005	4219	0.005
PTC043	MD10241	26	27	3.04	0.127	16.43	44.68	12.82	0.16	11.98	0.004	7.31	0.75	1.6	0.008	0.009	1.32	0.005	3831	0.01
PTC043	MD10242	27	28	3.06	0.133	16.76	44.51	12.27	0.19	12.15	0.004	7.54	0.66	1.56	0.007	0.012	1.15	0.005	3817	0.01
PTC043	MD10243	28	29	2.89	0.121	15.37	41.96	11.89	0.16	12.6	0.006	7.68	0.85	1.46	0.009	0.007	4.67	0.005	4597	0.005
PTC043	MD10244	29	30	2.64	0.111	14.15	33.11	10.55	0.23	11.44	0.012	8.57	0.89	1.33	0.013	0.006	17	0.005	2405	0.005
PTC043	MD10245	30	31	2.75	0.116	14.71	38.01	12.2	0.14	8.17	0.013	6.42	1.41	1.5	0.011	0.007	13.78	0.005	2139	0.005
PTC043	MD10246	31	32	2.53	0.103	13.28	31.92	11.28	0.16	11.14	0.015	8.88	1.31	1.2	0.014	0.008	17.96	0.005	1565	0.005
PTC043	MD10247	32	33	2.94	0.106	14.24	41.15	17.56	0.1	4.84	0.014	6.14	2.6	1.35	0.013	0.007	8.21	0.005	1307	0.005
PTC043	MD10248	33	34	2.65	0.122	15.47	37.27	15.7	0.15	11.78	0.008	5.65	1.12	1.11	0.011	0.005	8.28	0.005	2914	0.005
PTC043	MD10249	34	35	3.08	0.118	16	44.76	12.74	0.15	9.14	0.133	5.91	0.99	1.96	0.008	0.007	4.34	0.005	1715	0.005
PTC043	MD10250	35	36	2.86	0.119	15.16	44.77	13.14	0.14	11.35	0.311	6.61	0.97	1.84	0.006	0.0025	2.36	0.005	2256	0.005
PTC043	MD10251	36	37	2.84	0.125	15.42	43.95	13.17	0.14	12.13	0.21	6.97	0.72	1.88	0.009	0.008	1.91	0.005	3710	0.005
PTC043	MD10252	37	38	2.96	0.129	15.72	43.86	13.33	0.15	12.27	0.125	6.96	0.72	1.81	0.008	0.007	1.8	0.005	2195	0.005
PTC043	MD10253	38	39	3.03	0.128	16.51	45.88	13.32	0.17	8.81	0.018	6.24	1.12	2.05	0.009	0.006	2.55	0.005	3720	0.005
PTC043	MD10254	39	40	2.46	0.101	13.56	48.18	15.31	0.13	6.75	0.006	5.34	1.57	2.9	0.01	0.0025	2.85	0.005	1186	0.005
PTC043	MD10258	40	41	1.74	0.064	9.19	54.57	17.28	0.14	4.52	0.009	3.7	2.12	4.52	0.009	0.008	2.17	0.005	2685	0.005
PTC043	MD10259	41	42	0.18	0.007	1.48	73.38	14.93	0.03	0.99	0.002	0.45	2.2	5.43	0.0025	0.0025	0.94	0.005	2888	0.005
PTC043	MD10260	42	43	0.04	0.0025	0.68	82.25	9.48	0.005	0.19	0.001	0.06	5.41	1.7	0.0025	0.0025	0.24	0.005	2279	0.005
PTC043	MD10261	43	44	0.08	0.0025	1.06	77.21	11.87	0.02	0.18	0.001	0.13	6.47	1.87	0.0025	0.0025	0.62	0.005	1940	0.005
PTC043	MD10262	44	45	0.19	0.0025	1.43	62.87	20.44	0.04	0.43	0.001	0.32	9.22	3.55	0.0025	0.0025	1.17	0.005	1655	0.005
PTC043	MD10263	45	46	0.03	0.0025	0.53	66.82	18.01	0.005	0.16	0.001	0.02	11.35	2.88	0.0025	0.0025	0.39	0.005	1802	0.005
PTC043	MD10264	46	47	0.05	0.0025	0.71	70.83	16.01	0.01	0.41	0.001	0.08	7.48	3.59	0.0025	0.0025	0.53	0.005	1801	0.005
PTC043	MD10265	47	48	0.03	0.0025	0.79	73.26	14.27	0.01	0.18	0.001	0.06	8.73	2.26	0.0025	0.0025	0.51	0.005	2251	0.005
PTC043	MD10266	48	49	0.06	0.005	2.11	71.58	14.68	0.02	0.23	0.006	0.24	8.1	2.28	0.0025	0.0025	0.66	0.005	2137	0.005
PTC043	MD10267	49	50	0.02	0.0025	1.03	84.9	7.42	0.01	0.13	0.001	0.05	4.39	1.16	0.0025	0.0025	0.57	0.005	4301	0.005
PTC045	MD10301	0	1	2.94	0.11	17.08	47.23	14.1	0.1	3.38	0.102	2.83	1.55	1.22	0.008	0.034	8.43	0.005	158	0.02

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC045	MD10302	1	2	3.01	0.111	17.58	49.97	15.58	0.07	0.52	0.11	2.29	1.42	1.66	0.006	0.03	6.85	0.005	190	0.02
PTC045	MD10303	2	3	3.64	0.148	22.13	53.51	9.78	0.02	0.23	0.095	1.78	0.72	1.63	0.0025	0.019	5.96	0.005	656	0.01
PTC045	MD10304	3	4	3.93	0.148	22.59	53.02	10.25	0.02	0.09	0.093	1.85	0.69	1.48	0.0025	0.019	5.92	0.005	561	0.005
PTC045	MD10305	4	5	3.78	0.121	18.9	53.37	12.96	0.01	0.14	0.086	1.94	0.41	1.64	0.0025	0.014	6.58	0.005	661	0.01
PTC045	MD10306	5	6	3.63	0.148	20.23	49.42	14.45	0.02	0.17	0.088	2.06	0.55	1.67	0.0025	0.016	7.06	0.005	927	0.005
PTC045	MD10307	6	7	3.2	0.134	18.25	47.66	18.03	0.01	0.09	0.095	1.91	0.5	1.58	0.006	0.014	8.46	0.005	1127	0.005
PTC045	MD10308	7	8	3.51	0.154	20.54	43.88	18.72	0.03	0.06	0.101	1.96	0.36	1.32	0.005	0.017	8.88	0.005	779	0.005
PTC045	MD10309	8	9	3.22	0.137	18.71	45.07	19.79	0.02	0.06	0.108	1.97	0.29	1.41	0.0025	0.017	9.28	0.005	1021	0.005
PTC045	MD10310	9	10	3.11	0.127	17.08	44.59	20.81	0.02	0.06	0.261	1.89	0.32	1.43	0.005	0.012	9.94	0.005	1076	0.005
PTC045	MD10311	10	11	3.13	0.13	17.45	45.63	19.47	0.23	0.24	0.088	2.32	0.33	1.7	0.01	0.013	9.31	0.005	1027	0.005
PTC045	MD10312	11	12	3.2	0.133	17.19	46.38	14.21	1.37	2.05	0.028	3.29	0.48	2.54	0.033	0.013	7.41	0.005	1406	0.005
PTC045	MD10313	12	13	3.38	0.132	18.75	48.6	13.87	0.42	2.7	0.019	3.46	0.29	2.34	0.016	0.012	5.79	0.005	1307	0.005
PTC045	MD10314	13	14	3.56	0.123	20.85	47.49	13.39	0.34	1.87	0.025	3.25	0.44	2.17	0.012	0.016	6.07	0.005	1743	0.01
PTC045	MD10315	14	15	3.36	0.111	18.68	48.03	13.41	0.16	4.21	0.015	4.53	0.48	2.07	0.009	0.014	4.85	0.005	1647	0.005
PTC045	MD10316	15	16	3.33	0.111	17.9	47.15	13.64	0.15	4.69	0.016	5.07	0.99	1.96	0.011	0.009	4.35	0.005	1805	0.005
PTC045	MD10317	16	17	3.23	0.118	17.73	47.05	13.81	0.25	5.74	0.016	5.45	1.06	2.08	0.011	0.01	3.89	0.005	1784	0.005
PTC045	MD10318	17	18	3.02	0.104	16.75	46.43	13.79	0.14	7.1	0.012	5.93	0.93	1.91	0.008	0.01	3.22	0.005	1828	0.01
PTC045	MD10319	18	19	3.06	0.111	16.66	46.02	14.31	0.15	7.36	0.012	5.64	0.67	2.04	0.008	0.009	3.18	0.005	1926	0.01
PTC045	MD10320	19	20	3.05	0.126	17.26	45.29	12.69	0.16	9.96	0.007	7.32	0.74	1.66	0.007	0.013	1.95	0.005	1981	0.005
PTC045	MD10321	20	21	2.96	0.113	16.73	42.62	11.36	0.14	10.23	0.01	7.97	0.88	1.39	0.008	0.014	5.28	0.005	2285	0.005
PTC045	MD10322	21	22	3.6	0.124	19.91	44	13.3	0.13	5.62	0.02	4.91	1.45	1.46	0.012	0.02	4.74	0.005	1825	0.01
PTC045	MD10323	22	23	3.34	0.113	18.72	44.63	13.81	0.1	5.53	0.02	5.04	2.97	1.22	0.012	0.018	4.28	0.005	1989	0.005
PTC045	MD10324	23	24	2.19	0.076	12.82	51.61	15.96	0.58	1.81	0.015	3.9	3.7	3.08	0.017	0.014	3.73	0.005	1635	0.005
PTC045	MD10325	24	25	0.14	0.005	1.49	74.01	13.58	0.09	0.26	0.001	0.22	7.39	2.19	0.0025	0.005	0.46	0.005	1512	0.005
PTC045	MD10326	25	26	0.07	0.0025	0.81	75.25	13.36	0.01	0.23	0.001	0.08	7.33	2.64	0.0025	0.0025	0.24	0.005	3185	0.005
PTC045	MD10327	26	27	0.08	0.0025	1.05	78.97	11.64	0.02	0.29	0.001	0.12	5.18	2.55	0.0025	0.0025	0.35	0.005	2343	0.005
PTC045	MD10328	27	28	0.11	0.0025	1.3	77.95	12	0.04	0.3	0.001	0.19	5.05	2.53	0.0025	0.006	0.51	0.005	2296	0.02
PTC045	MD10329	28	29	0.94	0.035	6.52	79.58	5.92	0.08	1.73	0.006	1.74	1.7	0.73	0.0025	0.009	1.33	0.005	3562	0.005
PTC045	MD10330	29	30	1.77	0.071	11.51	65.94	8.57	0.11	3.42	0.009	2.87	1.72	0.95	0.007	0.011	2.63	0.005	3074	0.01
PTC045	MD10331	30	31	3	0.117	17.64	45.86	13.44	0.29	6.18	0.012	4.92	2.8	1.09	0.011	0.011	4	0.005	1581	0.01
PTC045	MD10332	31	32	3.49	0.135	20.12	43.33	13.51	0.21	4.54	0.019	4.9	2.99	1.18	0.015	0.018	5.16	0.005	2078	0.01
PTC045	MD10333	32	33	2.98	0.126	17.26	44.23	14.17	0.16	7.79	0.01	5.02	2.65	1.49	0.012	0.015	3.49	0.005	2259	0.01
PTC045	MD10334	33	34	3.01	0.132	15.91	43.55	14.73	0.29	9.87	0.007	6.06	2.59	1.43	0.011	0.012	2.61	0.005	2937	0.005
PTC045	MD10335	34	35	2.85	0.119	15.43	45.21	13.71	0.15	9.84	0.006	6.48	1.92	2.01	0.009	0.01	1.8	0.005	3910	0.005
PTC045	MD10336	35	36	2.99	0.125	16.04	44.73	13.01	0.16	10.89	0.006	6.93	1.4	1.87	0.007	0.007	1.55	0.005	3999	0.01
PTC045	MD10337	36	37	2.91	0.123	15.8	44.37	13.3	0.18	10.24	0.014	6.12	1.84	1.8	0.007	0.011	2.82	0.005	2644	0.005
PTC045	MD10338	37	38	3.29	0.139	16.77	44.72	14.43	0.16	7.57	0.013	5.48	2.28	1.66	0.012	0.007	3.36	0.005	3535	0.005
PTC045	MD10339	38	39	3.08	0.126	16.07	44.1	14.07	0.16	9.55	0.339	6.2	2.1	2.01	0.01	0.005	2.12	0.005	7474	0.005
PTC045	MD10340	39	40	3.2	0.128	16.71	43.05	13.64	0.17	9.69	1.352	6.18	2.45	1.69	0.011	0.008	3	0.005	5382	0.005
PTC046	MD10347	0	1	8	0.412	45.79	23.09	7.35	0.39	4.28	0.032	2.46	0.52	0.48	0.008	0.087	6.6	0.005	600	0.02
PTC046	MD10348	1	2	8.02	0.409	45.69	25.84	8.77	0.41	1.85	0.078	2.34	0.71	0.73	0.008	0.082	4.28	0.005	457	0.01
PTC046	MD10349	2	3	2.87	0.123	17.4	45.02	12.75	0.17	8.27	0.025	6.52	1.28	1.64	0.008	0.034	3.17	0.005	1134	0.01
PTC046	MD10350	3	4	2.74	0.122	15.94	45.47	12.81	0.16	10.59	0.009	7.5	1.05	1.77	0.007	0.01	1.69	0.005	2682	0.01
PTC046	MD10351	4	5	2.61	0.113	15.04	45.99	13.17	0.15	11.25	0.008	7.18	1.06	1.95	0.006	0.012	1.59	0.005	1875	0.005
PTC046	MD10352	5	6	2.55	0.107	15.51	46.74	13.63	0.13	8.7	0.013	6.29	1.11	2.38	0.007	0.008	2.06	0.005	1475	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC046	MD10353	6	7	2.54	0.108	14.6	46.98	15.71	0.12	8	0.013	5.54	1.17	2.55	0.007	0.0025	2.28	0.005	1798	0.005
PTC046	MD10354	7	8	4.26	0.179	22.18	43.53	11.08	0.13	6.02	0.024	5.79	1.24	1.62	0.012	0.008	3.37	0.005	2000	0.01
PTC046	MD10355	8	9	3.06	0.14	18.43	45.36	12.36	0.15	9.24	0.01	6.97	1.3	1.75	0.015	0.006	1.57	0.005	1920	0.01
PTC046	MD10356	9	10	3.71	0.149	22.06	46.72	5.36	0.18	8.1	0.013	9.62	0.45	0.72	0.012	0.099	2.43	0.005	2004	0.005
PTC046	MD10357	10	11	3.06	0.142	24.72	46.68	5.83	0.18	4.34	0.014	8.99	0.37	0.96	0.014	0.186	3.83	0.005	1761	0.005
PTC046	MD10358	11	12	2.18	0.109	22.84	47.56	6.32	0.16	5.66	0.021	9.64	0.54	1.04	0.016	0.175	3.89	0.005	1446	0.005
PTC046	MD10359	12	13	2.73	0.074	23.06	46.14	4.61	0.19	6.37	0.014	11.2	0.64	0.72	0.012	0.107	3.45	0.005	2239	0.005
PTC046	MD10360	13	14	2.04	0.062	21.38	46.22	4.87	0.23	6.42	0.012	12.89	0.25	1.08	0.013	0.118	3.99	0.005	1306	0.005
PTC046	MD10361	14	15	2.16	0.074	21.46	46.32	5.17	0.33	6.2	0.013	12.47	0.16	1.14	0.014	0.136	3.99	0.005	1466	0.005
PTC046	MD10362	15	16	4.33	0.172	30.93	39.28	4.36	0.33	5.64	0.012	10.32	0.21	0.9	0.017	0.07	3.31	0.005	1912	0.005
PTC046	MD10363	16	17	3	0.138	27.16	41.8	3.62	0.42	6.54	0.01	12.89	0.16	0.9	0.016	0.114	3.24	0.005	1910	0.005
PTC046	MD10364	17	18	4.72	0.178	30.88	38.54	4.85	0.21	5.84	0.01	8.98	0.28	0.85	0.015	0.031	3.89	0.005	1306	0.01
PTC046	MD10365	18	19	5.28	0.215	30.01	39.28	4.54	0.23	6.44	0.01	9.65	0.24	0.77	0.015	0.024	3.01	0.005	3425	0.005
PTC046	MD10366	19	20	5.29	0.233	32.88	37.28	4.19	0.32	7.19	0.005	9.72	0.23	0.66	0.013	0.012	2.24	0.005	2772	0.005
PTC046	MD10370	20	21	5.34	0.239	28.83	38.81	4.86	0.27	8.7	0.005	9.27	0.29	0.67	0.013	0.005	1.65	0.005	3100	0.01
PTC046	MD10371	21	22	2.67	0.126	22.38	45.21	4.37	0.36	8.73	0.008	12.64	0.25	0.68	0.012	0.15	2.35	0.005	2154	0.005
PTC046	MD10372	22	23	3.33	0.139	25.44	40.72	4.58	0.26	8.46	0.011	13.38	0.19	0.46	0.014	0.132	2.37	0.005	2278	0.01
PTC046	MD10373	23	24	4.55	0.19	30.67	35.6	4.48	0.3	6.39	0.01	13.34	0.1	0.33	0.015	0.128	2.97	0.005	2546	0.005
PTC046	MD10374	24	25	7.25	0.355	38.5	31.28	3.97	0.25	5.93	0.034	9.35	0.1	0.39	0.013	0.011	1.84	0.005	3267	0.01
PTC047	MD10375	0	1	3.84	0.184	33.59	31.83	8.11	0.32	5.81	0.033	6.62	0.63	0.56	0.012	0.182	8.23	0.005	300	0.01
PTC047	MD10376	1	2	2.94	0.132	18.43	41.4	10.93	0.2	9.65	0.022	7.58	0.78	2.1	0.011	0.037	5.25	0.005	838	0.005
PTC047	MD10377	2	3	3.21	0.129	17.11	39.88	10.52	0.18	9.56	0.032	8.03	0.97	2.18	0.013	0.022	7.94	0.005	1037	0.005
PTC047	MD10378	3	4	3.37	0.11	20.63	43.6	13.87	0.17	2.75	0.036	5.31	2.66	2.36	0.022	0.019	4.75	0.005	795	0.005
PTC047	MD10379	4	5	3.31	0.093	21.17	42.23	11.02	0.21	2.96	0.023	10.04	1.94	1.27	0.026	0.12	5.27	0.005	817	0.01
PTC047	MD10380	5	6	2.53	0.062	20.58	43.5	6.37	0.23	6.39	0.007	14.85	0.11	0.79	0.013	0.235	3.77	0.005	1481	0.01
PTC047	MD10381	6	7	3.19	0.102	21.82	44.01	8.09	0.18	5.59	0.012	11.07	0.35	0.99	0.015	0.152	4.12	0.005	1338	0.005
PTC047	MD10382	7	8	6.64	0.244	36.74	33.37	7.88	0.19	1.81	0.016	6.41	0.17	1.3	0.02	0.071	4.97	0.005	1597	0.005
PTC047	MD10383	8	9	4.95	0.179	26.83	41.05	10.35	0.14	2.2	0.01	6.42	0.28	1.36	0.02	0.069	5.55	0.005	1672	0.005
PTC047	MD10384	9	10	4.59	0.147	31.29	37.51	9.76	0.22	1.83	0.012	7.09	0.26	1.34	0.021	0.101	5.86	0.005	2104	0.01
PTC047	MD10385	10	11	3.19	0.093	28.73	39.39	4.43	0.27	6.36	0.006	13.66	0.06	0.49	0.015	0.206	3.03	0.005	2222	0.005
PTC047	MD10386	11	12	3.33	0.096	27.49	38.99	5.37	0.34	6.03	0.008	14.21	0.07	0.58	0.02	0.221	3.41	0.005	2194	0.005
PTC047	MD10387	12	13	7.49	0.162	32.62	33.27	8.26	0.33	0.89	0.023	8.91	1.34	1.05	0.018	0.068	5	0.005	1461	0.01
PTC047	MD10388	13	14	8.26	0.246	36.7	29.75	6.81	0.41	2.08	0.016	9.37	1.04	1.01	0.026	0.016	3.87	0.005	960	0.02
PTC047	MD10389	14	15	4.79	0.156	27.81	38.57	4.73	0.37	5.58	0.01	13.19	0.1	0.5	0.019	0.207	3.19	0.005	1758	0.005
PTC047	MD10390	15	16	2.31	0.086	36.06	36.38	4.14	0.23	4.13	0.009	9.34	0.84	0.71	0.019	0.276	4.92	0.005	1501	0.005
PTC047	MD10391	16	17	6.25	0.309	40.53	30.36	3.24	0.31	4.21	0.009	10.82	0.04	0.35	0.024	0.176	2.56	0.005	1837	0.005
PTC047	MD10392	17	18	11.04	0.576	57.8	15.35	4.75	0.3	1.46	0.011	6.34	0.04	0.22	0.029	0.038	2.01	0.005	2942	0.005
PTC047	MD10393	18	19	10.37	0.55	55.55	16.07	4.24	0.3	1.9	0.006	7.92	0.03	0.16	0.025	0.081	2.14	0.005	2360	0.005
PTC047	MD10394	19	20	8.63	0.452	49.84	20.63	3.83	0.28	2.75	0.006	10.22	0.02	0.13	0.021	0.109	2.55	0.005	3783	0.005
PTC047	MD10398	20	21	7	0.362	43.7	25.62	3.57	0.23	3.66	0.005	12.07	0.02	0.13	0.019	0.117	2.76	0.005	2727	0.005
PTC047	MD10399	21	22	6.02	0.317	44.39	27.02	3.14	0.5	3.01	0.008	11.41	0.03	0.16	0.022	0.115	3.08	0.005	1677	0.005
PTC047	MD10400	22	23	4.78	0.204	36.72	32.14	3.03	0.32	5.23	0.004	14.18	0.02	0.11	0.017	0.139	2.89	0.005	2023	0.005
PTC047	MD10401	23	24	2.46	0.1	28.92	40.98	2.89	0.31	5.3	0.006	14.85	0.03	0.19	0.013	0.078	3.45	0.005	1901	0.01
PTC047	MD10402	24	25	2.03	0.072	23.93	46.82	2.27	0.27	5.71	0.004	15.32	0.02	0.14	0.015	0.23	3.31	0.005	1748	0.005
PTC047	MD10403	25	26	1.28	0.053	23.14	44.84	2.75	0.26	5.44	0.005	18.35	0.02	0.11	0.016	0.21	3.36	0.005	1007	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC047	MD10404	26	27	2.13	0.074	22.59	43.21	2.25	0.27	7.74	0.006	17	0.02	0.14	0.014	0.461	4.26	0.005	1489	0.005
PTC047	MD10405	27	28	1.99	0.059	20.31	35.71	1.63	0.23	8.64	0.137	19.71	0.03	0.11	0.012	0.309	10.53	0.005	1372	0.005
PTC047	MD10406	28	29	1.95	0.058	19.37	35.48	1.71	0.25	10.3	0.007	19.62	0.02	0.11	0.011	0.264	10.78	0.005	1523	0.005
PTC047	MD10407	29	30	1.32	0.041	16.76	37.92	1.98	0.21	8.79	0.01	20.62	0.03	0.12	0.012	0.27	12.01	0.005	1675	0.005
PTC048	MD10408	0	1	4.01	0.179	22.35	36.82	8.23	0.23	10.13	0.036	5.89	0.88	0.82	0.012	0.052	10.24	0.005	387	0.005
PTC048	MD10409	1	2	4.43	0.194	25.23	41.07	11.06	0.25	4.42	0.042	4.47	1.1	1.22	0.011	0.061	5.76	0.005	350	0.01
PTC048	MD10410	2	3	5.44	0.227	28.77	40.96	11.16	0.25	2.64	0.033	3.43	1.1	1.35	0.0025	0.064	4.08	0.005	560	0.02
PTC048	MD10411	3	4	3.51	0.147	19.93	46.32	12.8	0.15	5.47	0.038	5.26	1.07	1.7	0.0025	0.039	3.77	0.005	1143	0.02
PTC048	MD10412	4	5	3.05	0.134	16.84	46.93	13.1	0.16	7.42	0.018	6.7	1.17	2.01	0.013	0.01	2.61	0.005	2377	0.01
PTC048	MD10413	5	6	3.12	0.145	17.32	46	12.83	0.16	7.58	0.02	6.73	1.27	1.6	0.012	0.009	3.15	0.005	2196	0.01
PTC048	MD10414	6	7	3.01	0.132	16.34	45.72	12.48	0.15	10.26	0.007	6.77	0.83	1.77	0.01	0.01	2.21	0.005	2862	0.01
PTC048	MD10415	7	8	3.19	0.142	16.83	45.76	12.59	0.14	9.9	0.007	6.67	0.66	1.82	0.011	0.007	2.45	0.005	3003	0.01
PTC048	MD10416	8	9	3.02	0.131	16.37	45.69	12.57	0.15	9.81	0.006	6.69	0.94	1.75	0.01	0.011	2.23	0.005	2989	0.005
PTC048	MD10417	9	10	2.94	0.13	16.18	45.25	12.37	0.18	10.99	0.004	6.83	0.94	1.7	0.012	0.01	1.98	0.005	3078	0.005
PTC048	MD10418	10	11	3.13	0.139	16.92	43.91	11.97	0.18	11.75	0.003	7.68	0.95	1.54	0.011	0.01	1.5	0.005	2530	0.02
PTC048	MD10419	11	12	2.94	0.133	16.51	45.36	12.52	0.23	10.68	0.006	7.07	1.07	1.78	0.012	0.013	1.78	0.005	2380	0.005
PTC048	MD10420	12	13	2.98	0.139	15.78	45.14	13.1	0.18	10.69	0.01	6.67	1.07	2	0.01	0.006	1.56	0.005	2474	0.02
PTC048	MD10421	13	14	2.97	0.135	16.5	44.29	12.56	0.18	12.35	0.064	6.76	0.9	1.53	0.01	0.0025	1.83	0.005	2309	0.01
PTC048	MD10422	14	15	3.12	0.136	16.44	44.35	12.35	0.18	11.72	0.122	7.05	1.18	1.79	0.01	0.0025	1.65	0.005	2078	0.005
PTC048	MD10423	15	16	3.19	0.147	18.19	43.68	12.47	0.18	10.6	0.011	6.22	1.48	1.43	0.01	0.009	2.48	0.005	2584	0.005
PTC048	MD10424	16	17	3.09	0.132	15.65	38.5	14.17	0.1	13.31	0.039	5.42	1.26	1.14	0.009	0.008	6.74	0.005	3050	0.005
PTC048	MD10425	17	18	3	0.128	15.75	43.9	12.86	0.15	10.13	2.002	7.33	1.92	1.79	0.013	0.008	2.93	0.005	2616	0.01
PTC048	MD10426	18	19	3	0.118	16.48	42.95	13.64	0.18	11.16	0.849	5.55	2.02	1.03	0.011	0.01	3.18	0.005	2271	0.01
PTC048	MD10427	19	20	1.94	0.117	20.38	37.49	16	0.17	15.81	0.561	2.34	0.12	0.34	0.0025	0.0025	3.4	0.005	3248	0.01
PTC048	MD10431	20	21	3.16	0.125	17.44	41.95	12.31	0.18	11.51	1.547	7.52	1.87	1.2	0.014	0.013	2.76	0.005	2996	0.01
PTC048	MD10432	21	22	2.85	0.129	15.74	44.62	12.19	0.16	11.39	1.203	7.26	2.15	1.61	0.012	0.009	1.98	0.005	2618	0.01
PTC048	MD10433	22	23	3.15	0.132	16.47	44.14	12.48	0.17	10.62	0.56	6.28	1.85	1.55	0.012	0.01	2.4	0.005	2543	0.01
PTC048	MD10434	23	24	2.96	0.13	15.52	46.14	12.48	0.17	10.21	0.027	6.54	1.95	2.02	0.013	0.007	1.69	0.005	3645	0.005
PTC048	MD10435	24	25	2.68	0.116	15.02	44.5	13.07	0.15	12.73	1.647	6.18	1.93	1.22	0.012	0.005	2.59	0.005	2791	0.005
PTC049	MD10436	0	1	9.46	0.506	50.18	18.5	4.24	0.28	4.09	0.013	7.22	0.15	0.45	0.023	0.032	4.34	0.005	1002	0.005
PTC049	MD10437	1	2	11.31	0.617	58.6	14.72	4.14	0.3	1.7	0.014	5.43	0.1	0.42	0.026	0.034	1.87	0.005	3012	0.005
PTC049	MD10438	2	3	11.27	0.618	56.66	16.13	4.13	0.32	1.79	0.008	6.41	0.12	0.39	0.024	0.042	1.51	0.005	4482	0.005
PTC049	MD10439	3	4	9.63	0.521	51.89	19.38	5.05	0.3	1.82	0.011	7.88	0.38	0.57	0.023	0.089	2.15	0.005	2292	0.005
PTC049	MD10440	4	5	11.06	0.614	58.24	15.11	4.04	0.34	0.57	0.01	6.04	1.05	0.46	0.021	0.09	1.31	0.005	4542	0.005
PTC049	MD10441	5	6	9.76	0.532	54.8	17.36	3.71	0.36	1.61	0.007	8.34	0.51	0.57	0.029	0.112	1.32	0.005	4536	0.005
PTC049	MD10442	6	7	8.75	0.47	52.21	19.09	3.75	0.35	2.33	0.009	10.55	0.04	0.28	0.026	0.122	2.22	0.005	2378	0.005
PTC049	MD10443	7	8	6.9	0.361	45.6	25.28	3.6	0.31	2.91	0.008	11.92	0.04	0.22	0.023	0.127	2.88	0.005	1750	0.005
PTC049	MD10444	8	9	4.82	0.251	39.6	29.91	3.49	0.4	4.18	0.009	13.33	0.03	0.24	0.018	0.111	2.93	0.005	1973	0.005
PTC049	MD10445	9	10	2.26	0.086	27.11	37.41	4.98	0.37	5.5	0.012	16.76	0.03	0.55	0.017	0.015	3.84	0.005	1383	0.005
PTC049	MD10446	10	11	3.02	0.109	31.4	35.78	3.97	0.36	5.19	0.01	15.06	0.03	0.43	0.017	0.059	3.65	0.005	1261	0.005
PTC049	MD10447	11	12	2.57	0.099	29.83	36.98	4.03	0.33	5.27	0.006	15.62	0.03	0.4	0.024	0.014	3.7	0.005	1626	0.005
PTC049	MD10448	12	13	2.12	0.087	28.96	39.96	2.62	0.26	6.08	0.005	15.16	0.02	0.23	0.021	0.158	3.25	0.005	2390	0.005
PTC049	MD10449	13	14	3.25	0.088	29.36	38.67	2.74	0.3	5.96	0.009	15.13	0.02	0.4	0.016	0.276	2.81	0.005	2162	0.005
PTC049	MD10450	14	15	2.72	0.08	27.55	42.38	2.96	0.22	5.63	0.012	14.2	0.02	0.47	0.019	0.361	3.11	0.005	2098	0.01
PTC049	MD10451	15	16	2.43	0.073	24.46	50.49	1.97	0.39	4.68	0.007	11.55	0.03	0.36	0.014	0.336	2.92	0.005	2508	0.005

Appendix 2 - Assay Results

Hole	Sampno	From	To	TiO ₂	V ₂ O ₅	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃	MnO	CaO	S	MgO	K ₂ O	Na ₂ O	Zn	Cr ₂ O ₃	LOI-1000C	HfO ₂	WTTOT	ZrO ₂
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	g	%
				0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.005	0.005	0.01	0.01	0.01	0.01
				FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	FB1/XRF	/TGA	FB1/XRF	WT01	FB1/XRF
PTC049	MD10452	16	17	2.68	0.08	28.13	47.29	2.36	0.21	3.71	0.012	10.58	0.04	0.48	0.016	0.407	3.22	0.005	2003	0.005
PTC049	MD10453	17	18	2.72	0.079	27.23	45.86	2.44	0.21	4.52	0.011	12.35	0.02	0.45	0.016	0.403	3.27	0.005	1674	0.005
PTC049	MD10454	18	19	2.49	0.079	26.92	46.52	2.04	0.35	5.08	0.014	12.66	0.03	0.44	0.016	0.423	2.97	0.005	1540	0.005
PTC049	MD10455	19	20	2.48	0.072	25.36	46.47	2.51	0.23	4.94	0.014	13.48	0.03	0.46	0.015	0.411	3.4	0.005	1197	0.005
PTC049	MD10459	20	21	2.44	0.072	25.09	47.97	2.43	0.25	4.39	0.014	12.3	0.03	0.45	0.013	0.399	3.46	0.005	1889	0.005
PTC049	MD10460	21	22	2.2	0.063	22.68	49.9	1.55	0.24	5.82	0.008	13.96	0.02	0.27	0.012	0.349	2.93	0.005	1440	0.005
PTC049	MD10461	22	23	7.12	0.143	29.96	36.38	4.24	0.4	4.73	0.008	12.45	0.04	0.33	0.019	0.122	3.05	0.005	1000	0.01
PTC049	MD10462	23	24	4.81	0.126	27.68	38.69	3.46	0.39	5.65	0.009	15.48	0.03	0.21	0.017	0.213	3.26	0.005	1200	0.01
PTC049	MD10463	24	25	1.95	0.065	22.87	49.36	1.47	0.3	4.7	0.008	14.77	0.02	0.16	0.011	0.34	3.42	0.005	1199	0.005
PTC049	MD10464	25	26	4.49	0.104	25.27	41.13	3.76	0.36	5.46	0.007	15.67	0.16	0.25	0.018	0.241	2.83	0.005	1761	0.005
PTC049	MD10465	26	27	2.08	0.065	23.77	50.39	1.85	0.29	4.61	0.01	12.46	0.03	0.25	0.014	0.353	2.92	0.005	1798	0.005
PTC049	MD10466	27	28	3.72	0.097	24.93	42.07	2.57	0.33	6.16	0.006	16.12	0.02	0.1	0.014	0.218	2.85	0.005	2719	0.005
PTC049	MD10467	28	29	2.49	0.084	24.86	44.26	1.97	0.32	6.79	0.01	15.84	0.02	0.11	0.015	0.275	2.88	0.005	1744	0.005
PTC049	MD10468	29	30	1.39	0.065	20.97	46.35	2.06	0.25	7.86	0.006	17.56	0.03	0.16	0.012	0.274	2.57	0.005	2488	0.005
PTC050	MD10469	0	1	2.56	0.113	24.59	31.58	7.04	0.23	10.95	0.031	7.33	0.7	0.47	0.009	0.196	14.24	0.005	390	0.01
PTC050	MD10470	1	2	3.85	0.201	39.42	26.4	9.43	0.18	4.52	0.041	5.01	0.43	0.58	0.009	0.353	9.49	0.005	781	0.02
PTC050	MD10471	2	3	4.24	0.224	45.43	30.5	10.59	0.16	0.85	0.053	2.24	0.38	0.6	0.012	0.4	4.46	0.005	1202	0.02
PTC050	MD10472	3	4	4.49	0.221	42.16	33.64	10.16	0.13	0.38	0.061	2.1	0.4	0.64	0.01	0.35	4.62	0.005	1095	0.02
PTC050	MD10473	4	5	3.81	0.18	33.15	38.4	9.38	0.15	2.81	0.036	5.71	0.62	1.21	0.011	0.184	3.97	0.005	1467	0.01
PTC050	MD10474	5	6	3.78	0.132	18.43	45.52	13.69	0.1	4.63	0.028	4.53	2.18	2.11	0.011	0.009	4.07	0.005	1159	0.01
PTC050	MD10475	6	7	3.82	0.142	18.08	43.91	14.35	0.14	7.23	0.019	5.83	1.6	2.09	0.011	0.0025	2.61	0.005	2712	0.01
PTC050	MD10476	7	8	3.61	0.144	17.34	44.33	14.07	0.15	9.4	0.01	6.25	1.15	1.97	0.011	0.0025	1.89	0.005	2670	0.005
PTC050	MD10477	8	9	3.54	0.136	17.04	44.41	13.96	0.15	9.51	0.008	6.11	1.22	1.95	0.01	0.0025	1.9	0.005	3144	0.005
PTC050	MD10478	9	10	3.8	0.138	17.8	44.48	13.77	0.13	8.09	0.011	5.51	1.12	2.11	0.011	0.005	3.03	0.005	2195	0.01
PTC050	MD10479	10	11	3.32	0.127	16.24	46.67	13.16	0.14	8.83	0.009	5.83	1.35	1.93	0.012	0.0025	2.27	0.005	1785	0.005
PTC050	MD10480	11	12	3.57	0.139	17.22	43.91	13.17	0.16	10.33	0.009	6.45	1.09	1.81	0.011	0.005	1.79	0.005	2232	0.005
PTC050	MD10481	12	13	3.64	0.147	17.57	43.78	12.93	0.16	10.65	0.009	6.68	1.01	1.67	0.011	0.0025	1.63	0.005	1945	0.005
PTC050	MD10482	13	14	3.92	0.159	18.71	42.55	12.56	0.17	10.44	0.008	6.64	0.91	1.54	0.012	0.0025	1.71	0.005	1757	0.005
PTC050	MD10483	14	15	3.44	0.147	17.14	44.07	12.56	0.18	11.56	0.007	6.8	0.97	1.84	0.014	0.0025	1.18	0.005	1912	0.005
PTC050	MD10484	15	16	3.26	0.143	17.2	44.47	12.21	0.19	10.85	0.006	6.51	1.16	2.12	0.019	0.0025	1.02	0.005	1925	0.005
PTC050	MD10485	16	17	3.42	0.148	18.07	43.63	12.01	0.2	11.46	0.008	6.75	1.17	1.9	0.019	0.0025	1.21	0.005	1724	0.005
PTC050	MD10486	17	18	3.37	0.14	18.03	43.97	12.33	0.19	10.25	0.01	6.18	1.77	1.78	0.018	0.005	1.87	0.005	1892	0.005
PTC050	MD10487	18	19	3.12	0.138	17.11	43.95	13.59	0.16	10.13	0.01	5.8	1.8	1.75	0.018	0.005	2.09	0.005	1983	0.02
PTC050	MD10488	19	20	2.73	0.116	22.01	41.87	13.4	0.41	4.49	0.013	6.95	0.95	1.43	0.025	0.036	5.16	0.005	1805	0.005
PTC050	MD10492	20	21	2.19	0.081	27.5	39.55	4.16	0.23	5.61	0.012	15.3	0.07	0.48	0.018	0.322	4.37	0.005	1973	0.005
PTC050	MD10493	21	22	2.33	0.071	27.3	41.21	2.56	0.2	6.9	0.009	14.9	0.03	0.29	0.013	0.351	3.77	0.005	1255	0.005
PTC050	MD10494	22	23	2.37	0.072	27.49	45.99	2.16	0.26	5.58	0.01	12.01	0.04	0.31	0.013	0.35	3.49	0.005	1440	0.005
PTC050	MD10495	23	24	2.58	0.07	24.08	47.63	2.07	0.26	6.18	0.01	13.21	0.04	0.37	0.016	0.338	3	0.005	1437	0.005
PTC050	MD10496	24	25	2.11	0.066	23.15	46.94	1.93	0.24	7.24	0.012	14.39	0.07	0.36	0.015	0.348	2.74	0.005	1948	0.005

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i> <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> <i>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</i>	- Audalia Resources Limited (ACP) has completed an infill drill program at the Veusvius, Fuji & Pinatubo prospects consisting of 41 holes for 1,267m drilled during April & May 2025. The Company also drilled an additional 2 holes for 140m at the Egmont Prospect and extended 6 Egmont holes drilled during the November 2024 drill program for a total of 236m. Results are reported for these holes in the attached ASX announcement, Appendix 2. - Drilling was undertaken using reverse circulation (RC). The RC cuttings were transported from the face via a volume of air inside an inner steel tube of the drill rod to a static cone splitter to produce a 3kg sample. The bulk of the drill cuttings were placed in a green 600mm x 900mm green bag while the remainder filled a 200mm x 300mm calico bag that was pre-numbered and recorded on a sample sheet for hole number and depth taken. This calico bag was then transported along with the other calico bags to the laboratory for analytical processing. - The 2-3kg crushed (-3.35mm) via boyd samples was milled in a LM5 and a 150-200g pulp sample split was taken for assaying while the pulp reject was bagged with a code. The pulp was the subjected to an 18 multi-element Li borate fusion and analysed by XRF.
Drilling techniques	<i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	A Hydco 40 RC rig using rods of 3m in length with on board compressor of 350 PSI and 1050CFM. The hammer size was 5 inches.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	Drill cutting recoveries were noted by weight of the drill cuttings and all intervals had full sample bags indicating a very high recovery rate

Criteria	JORC Code explanation	Commentary
	- Measures taken to maximise sample recovery and ensure representative nature of the samples. - Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	- RC used to minimise contamination. - No issues drilling an iron deposit of tens of metres of thickness.
Logging	- Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. - Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. - The total length and percentage of the relevant intersections logged.	- The RC drill cuttings have been geologically logged and sieved cuttings have been placed into a chip trap ever metre for a geological log of the hole and photographed. - Quantative - The database contains lithological data for all the core holes.
Sub-sampling techniques and sample preparation	- If core, whether cut or sawn and whether quarter, half or all core taken. - If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. - For all sample types, the nature, quality and appropriateness of the sample preparation technique. - Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. - Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. - Whether sample sizes are appropriate to the grain size of the material being sampled.	- Drill cuttings were channelled through a static cone splitter to produce a 3kg sample. - The 3kg sample was placed into a pre-numbered 200mm x 300mm calico bag ever metre. After every 20th metre either a blank, standard or a duplicate sample was inserted into the run. Cube Consulting from Perth visited the site during a 2018 drill programme for an independent review of the QAQC and were fine with the methodology. - Three holes have been twinned previously for sample control and verification. The laboratory performed its own internal controls with repeats and standards inserted. - Drilling sample sizes are considered appropriate for this style of deposit.
Quality of assay data and laboratory tests	- The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. - For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their	- Samples were assayed by Intertek (Genalysis) in Maddington for 15 elements plus LOI with a Li borate fusion an analysed by XRF. - No geophysical tools were used.

Criteria	JORC Code explanation	Commentary
	<i>derivation, etc.</i> <i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i>	The Company has previously twinned three core holes to compare results against one another. Intertek perform their own internal checks. The results are deemed to be acceptable. Approximately 5% of the assays will go to an umpire lab for cross checking.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> <i>Discuss any adjustment to assay data.</i>	- Drill intersections from previous drilling has been vetted by Cube Consulting who completed a JORC (2012) resource in 2018. - No RC holes twinned in this program. - An electronic database containing drill collars, assays and geology is maintained within the Company. Independent consultanting company Cube Consulting (Perth) have a digital copy of this database. - There has been no adjustment to the assay data.
Location of data points	<i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i> <i>Specification of the grid system used.</i> <i>Quality and adequacy of topographic control.</i>	- Previous drilling (pre-2000) has been accurately surveyed by Cardno Surveys, Kalgoorlie and then Down Under Surveys for the 2024-25 drill programs. No downhole survey has been undertaken. All holes are vertical. - GDA94, Zone 51 - Aerial photography was flown by Fugro, Kalgoorlie and one metre contours were produced from the image.
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i> <i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i> <i>Whether sample compositing has been applied.</i>	- Infill drilling (80m by 80m) to complete an overall 40m by 40m pattern on the prospects. - The Medcalf mineralisation is very consistent along strike (1600m) across strike (450m) and downdip (35m). The variography shows how the mineralisation is consistent in all three directions. The deposit is mineralised from surface to depth within the pyroxenite. Block assay estimate can be interpreted with confidence. - No sample compositing has been applied.
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i> <i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	- All drilling is vertical which is suitable for this near flat deposit. - No bias has been detected as all holes are drilled vertical.
Sample security	<i>The measures taken to ensure sample security.</i>	All drilling was managed by Audalia and the Geologist used has over 50 years' experience. Pulps are stored securely offsite.
Audits or	<i>The results of any audits or reviews of sampling techniques and data.</i>	This has been reviewed by a Cube Consulting site visit during the

Criteria	JORC Code explanation	Commentary
reviews		2018 drilling programme.

JORC Code, 2012 Edition – Table 1 report

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	- Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.. - The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	- Audalia owns the Medcalf project 100% that comprises of M63/656, E63/1855, L63/75, L63/94, G63/10 and G63/12. All are in good standing. The Medcalf Project lies with PNR84. No security or legal issues have been noted. - The resource lies on M63/656. There are areas to avoid due to flora and fauna restrictions. The Company has environmental approval for this licence,
<i>Exploration done by other parties</i>	Acknowledgment and appraisal of exploration by other parties.	Over the past 40 years, the tenements have been explored for nickel (Ni), copper (Cu) titanium (Ti)/vanadium (V), platinum group metals (PGE) and gold (Au). The Companies are Unmin/Laporte (1972) for Ni & Cu. Amoco (1982) for V & Ti. Cyprus (1986) for PGM and (1989) for Au & PGM. Arimco (1991) for V & Ti and (1996 & 1997) for V, Ti, Au, PGM, Ni & Cu. Lionore (2005) for V, Ti, Au, PGM, Ni & Cu. Lionore (2006) for Ni Cu sulphides, PGE & Au. Norilsk (2010) for Ni sulphides.
<i>Geology</i>	Deposit type, geological setting and style of mineralisation.	The Medcalf Project lies in the southern end of the Archaean Lake Johnston greenstone belt. This greenstone belt is a narrow, north-northwest trending belt approximately 110km in length. It is located near the south margin of the Yilgarn Craton, midway between the southern ends of the Norseman-Wiluna and the Forresteria-Southern Cross greenstone belts. The area of interest is the Medcalf sill located in the hinge zone of a gently north-west plunging regional anticline and is emplaced within a predominately tholeiitic basalt sequence low in the greenstone succession. Rocks in this area belong to the almandine amphibolite facies of regional metamorphism. The primary

Criteria	JORC Code explanation	Commentary
		vanadiferous titanomagnetite mineralisation occurs within the pyroxenite zone between the basal peridotite and upper gabbro zones of the sill. Extensive weathering over time has resulted in removal of much of the silica, calcium and magnesium resulting in residual concentration of iron, titanium and vanadium oxides. It is this secondary enriched material which constitutes the mineralisation.
<i>Drill hole Information</i>	<i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <i>easting and northing of the drill hole collar</i> <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i> <i>dip and azimuth of the hole</i> <i>down hole length and interception depth</i> <i>hole length.</i> <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i>	- Refer to Table 1 and Appendices 1 & 2 of this ASX announcement - No exclusion
<i>Data aggregation methods</i>	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i> <i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i> <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	- Samples taken every metre with no weighted average required. No cutting of high grades have been applied. - No aggregation has been undertaken. - No metal equivalent used.
<i>Relationship between mineralisation widths and intercept lengths</i>	<i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i>	- Mineralisation is gently dipping. All holes are drilled vertical. - Mineralisation is perpendicular to the drillhole. - Known as described above.
<i>Diagrams</i>	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being</i>	Drilling is for infill purposes.

Criteria	JORC Code explanation	Commentary
	<i>reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	Comprehensive reporting of all drillhole data has been provided in this ASX announcement, Appendix 1 & 2.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	Metallurgy testwork completed: Mineralogical characterisation: to quantitatively identify the mineralogical composition of Medcalf mineralisation and the distribution of vanadium, titanium and iron in different minerals.  <i>Key finding is mineralisation contains valuable elements of vanadium, titanium and iron.</i> Beneficiation testwork: to investigate the concentration of valuable minerals and the removal of gangue materials by gravity separation, magnetic separation or flotation.  <i>Over 85% of all vanadium, titanium and iron is recovered by magnetic separation.</i>  <i>The combined concentrate produced by magnetic separation contains 50.32% TFe, 0.79% V2O5 and 15.17% TiO2. The mass recovery is 74.24% with 25.76% removed as tailings.</i> Metallurgical testwork: to investigate the extraction and separation of vanadium, titanium and iron minerals from beneficiated concentrate by pyrometallurgical process.  <i>It is identified from the testwork that 'magnetising roasting – magnetic separation' process can produce the products (vanadium bearing iron concentrate and titanium concentrate) suitable for downstream processing with excellent recovery of vanadium and iron. The selected process consists of the following steps:</i> + Magnetising roasting + Magnetic separation to separate vanadium bearing iron concentrate and titanium concentrate. + Shaking table to upgrade titanium concentrate.

Criteria	JORC Code explanation	Commentary
<i>Further work</i>	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	- Planned work is to upgrade the Mineral Resource Estimate. - Work in progress.