13 April 2026 ASX Announcement

Extensive Rare Earth Mineralisation Confirmed at the Grønnedal Project

Eclipse Metals Ltd ("Eclipse" or the "Company") is pleased to report the analytical results from its 2025 five-hole diamond drilling program at the Grønnedal Rare Earth Project, which forms part of the Company's encompassing Ivigtût Project in southwest Greenland. All drillholes intersect broad, rare-earth mineralisation from surface to the end of hole.

The results include multiple zones grading above 1% TREO and confirm a strong magnet rare earth element profile, with Nd_2O_3 plus Pr_2O_3 comprising more than 30% of Total Rare Earth Oxides ("TREO") in the principal reported mineralised intervals. In addition, drilling has provided support for a large, shallow-dipping, higher-grade zonation that extends from the surface to depth.

HIGHLIGHTS

- All five diamond drillholes intersected broad rare earth mineralisation from surface to end of hole within the Grønnedal carbonatite system
- Significant intersections at a 1,000ppm TREO cut-off include:
  - 195m at 6,268ppm TREO from surface in GD001
  - 151m at 4,507ppm TREO from surface in GD002
  - 150.2m at 5,762ppm TREO from surface in GD003
  - 114.4m at 6,883ppm TREO from surface in GD004
  - 89.3m at 6,700ppm TREO from surface in GD005
- Multiple higher-grade zones exceeding 1% TREO were returned, including:
  - 19m at 1.15% TREO from 45m in GD001
  - 14.1m at 1.02% TREO from 66.9m in GD001
  - 19m at 1.08% TREO from 100m in GD001
  - 17m at 1.05% TREO from 96m in GD003
- Peak assay results returned up to 2.84% TREO, with high-grade intervals including 2m at 2.7% TREO from 116m in GD002
- Nd_2O_3 plus Pr_2O_3 exceeds 30% of TREO in the principal reported mineralised intervals, highlighting the strong magnet rare earth element character of the system
- Results support the interpretation of a broad, shallow-dipping higher-grade zone within the mineralised carbonatite
- Results are consistent with geological continuity within the current Mineral Resource area and support ongoing geological modelling and future resource evaluation

ECLIPSE METALS LTD
Level 3, 1060 Hay Street, West Perth WA 6005
T: +61 8 9480 0420 | F: +61 8 9321 0320
ABN 85 142 366 541

Executive Chairman Carl Popal commented:

These drilling results mark an important step forward for Grønnedal and further support the continuity of rare-earth mineralisation within the area tested to date. It is particularly encouraging that all five drillholes intersected broad mineralised carbonatite from surface, with multiple zones exceeding 1% TREO and a strong Nd-Pr contribution across the principal mineralised intervals.

Against a backdrop of increasing focus on secure and diversified critical minerals supply, we believe these results further strengthen Grønnedal's strategic relevance in Greenland and support the Company's ongoing technical work to advance the project."

INTRODUCTION

The Ivigtût Project, comprising exploration licence MEL2007-45, is located in Southern Greenland (Figure 1). The Project Area encompasses the Grønnedal Rare Earths Deposit.

Grønnedal is an extensive carbonatite-hosted REE system that forms part of the Proterozoic Grønnedal-Ika Complex. The current JORC 2012 inferred mineral resource comprises 89 MT grading 6,363 ppm TREO.

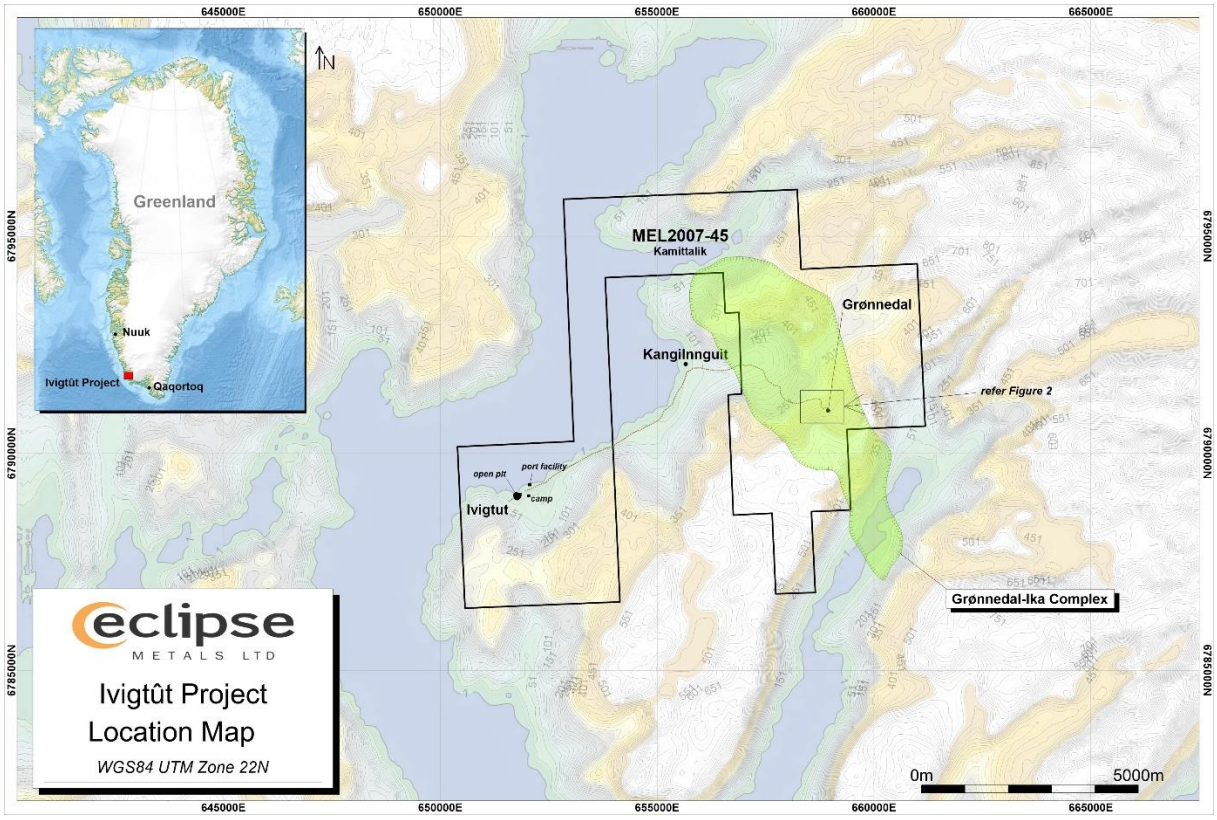

Figure 1: Project Location Plan

GRØNNEDAL DRILLING PROGRAM

The initial program comprised five HQ diamond core holes, strategically positioned and oriented, to test the central portion of the main carbonatite complex (Figure 2). A total of 705 metres of diamond drilling was completed. The drilling was undertaken by 60North – a contractor based in Qaqortoq, Greenland. Core recoveries were typically around 100%. The core was transported to Qaqortoq for sampling, after which the samples were freighted to ALS Laboratories in Western Australia, for analysis. The samples were analysed using methods MS61L-REE, ME-MS81h and ME-ICP06h.

The program tested the carbonatite in the central and north-western parts of the current inferred MRE area. Holes were generally oriented towards the south-east. Drillhole GD02 was directed towards the northeast in order to test the northern margins of the carbonatite. Location information for the drillholes is shown in Table 1 and Figure 2.

Table 1: Drillhole Location Information

Hole ID	Easting	Northing	RL	Depth	Dip	Azimuth
GD001	658961	6791135	394	196.2	-61	145
GD002	658960	6791139	394	154.6	-60	41
GD003	658753	6791243	395	150.2	-60	135
GD004	658873	6791234	395	114.9	-60	158
GD005	658829	6791113	400	89.3	-60	135

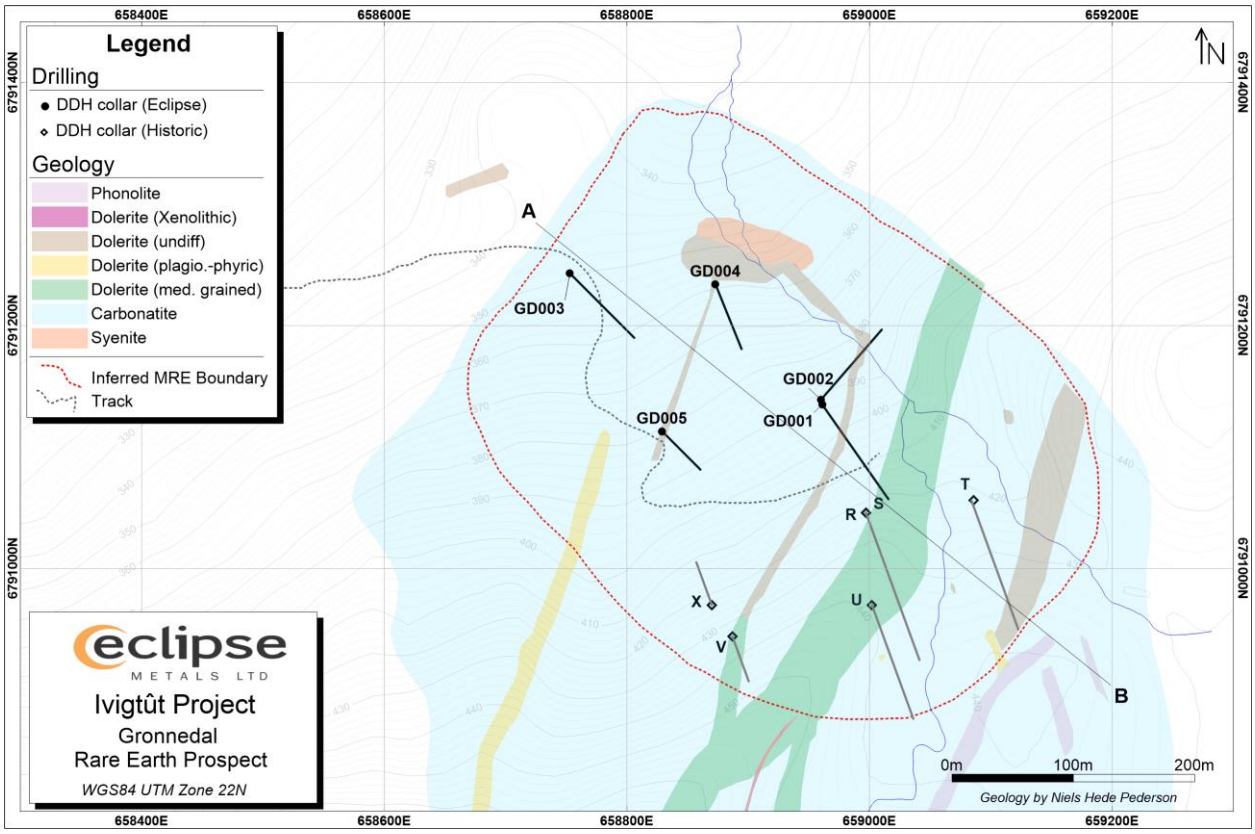

Figure 2: Grønnedal Drillhole Location Plan

DRILLING RESULTS

A substantial proportion of the initial assay dataset obtained using method MS61L-REE exceeded the upper analytical limits for key magnet rare-earth elements, particularly Nd and Pr. Follow-up over-limit analyses were obtained using method ME-MS81h.

Significant intersections at various cut-offs are summarised in Tables 2-4. The average grades are weighted according to sample length.

Table 2: Significant Intersections at 1,000ppm TREO cutoff *(no minimum width, fully diluted)*

Hole ID	From (m)	To (m)	Interval (m)	TREO ppm	LREO ppm	HREO ppm	MREO ppm	Nd2O3 ppm	Pr2O3 ppm	Nd2O3+Pr2O3 ppm
GD001	0	195.0	195.0	6,268	5,706	562	2,125	1,727	309	2,036
GD002	0	151.0	151.0	4,507	4,040	468	1,722	1,423	225	1,649
GD003	0	150.2	150.2	5,762	5,182	533	1,857	1,438	336	1,774
GD004	0	114.4	114.4	6,883	6,267	616	2,152	1,664	393	2,057
GD005	0	89.3	89.3	6,700	6,128	572	2,164	1,669	405	2,075

Table 3: Significant Intersections at 2,000ppm TREO cutoff *(5m min. width, 7m max. dilution)*

Hole ID	From (m)	To (m)	Interval (m)	TREO ppm	LREO ppm	HREO ppm	MREO ppm	Nd2O3 ppm	Pr2O3 ppm	Nd2O3+Pr2O3 ppm
GD001	0.0	22.7	22.7	9,324	8,477	847	3,794	3,151	504	3,655
GD001	30.6	63.7	33.1	8,789	8,226	563	2,600	2,097	414	2,511
GD001	66.9	87.9	21.1	8,714	8,131	583	2,530	2,028	416	2,444
GD001	93.8	149.0	55.2	7,257	6,484	772	2,511	2,035	354	2,388
GD001	168.3	185.0	16.7	5,680	4,979	701	2,177	1,770	289	2,059
GD002	0.0	29.7	29.7	8,075	7,254	821	3,191	2,647	411	3,058
GD002	58.4	86.3	27.9	5,710	5,040	670	2,070	1,690	278	1,968
GD002	90.6	108.4	17.8	5,710	4,986	724	2,157	1,765	272	2,038
GD002	111.4	129.0	17.6	5,944	5,566	378	2,398	2,029	317	2,345
GD002	139.0	151.0	12.0	3,556	3,205	351	1,327	1,091	180	1,271
GD003	0.0	5.0	5.0	3,586	3,161	425	1,136	877	198	1,075
GD003	24.0	41.0	17.0	4,889	4,253	636	1,522	1,163	261	1,424
GD003	44.0	63.0	19.0	4,861	4,299	561	1,493	1,158	253	1,411
GD003	67.2	120.3	53.1	7,766	6,978	689	2,597	2,014	470	2,484
GD003	121.3	135.0	13.7	8,901	8,247	654	2,809	2,169	537	2,706
GD003	139.9	150.2	10.3	9,080	8,557	523	2,855	2,240	537	2,778
GD004	1.9	28.0	26.1	7,111	6,521	590	1,941	1,474	377	1,850
GD004	32.0	113.0	81.0	7,316	6,652	665	2,381	1,851	428	2,278
GD005	0.0	11.8	11.8	7,483	6,685	798	2,464	1,878	453	2,331
GD005	19.8	58.0	38.3	6,701	6,052	650	2,179	1,677	397	2,073
GD005	59.0	82.1	23.1	9,392	8,802	590	2,982	2,314	586	2,900
GD005	84.9	89.3	4.4	7,373	6,809	564	2,435	1,909	440	2,349

Table 4: Significant Intersections at 9,000ppm TREO cutoff *(5m min. width, 7m max. dilution)*

Hole ID	From (m)	To (m)	Interval (m)	TREO ppm	LREO ppm	HREO ppm	MREO ppm	Nd2O3 ppm	Pr2O3 ppm	Nd2O3+Pr2O3 ppm
GD001	14.0	21.7	7.7	10,559	9,771	788	4,255	3,539	589	4,128
GD001	45.0	63.7	18.7	11,585	10,990	595	3,160	2,535	531	3,066
GD001	66.9	81.0	14.1	10,234	9,625	609	2,856	2,280	484	2,764
GD001	100.0	119.0	19.0	10,872	9,835	1,038	3,593	2,902	523	3,425
GD002	11.0	16.0	5.0	9,236	8,580	656	3,704	3,120	485	3,605
GD002	20.0	27.0	7.0	9,439	8,589	850	3,645	3,033	478	3,511
GD003	85.2	95.0	9.8	9,025	8,232	792	2,904	2,230	542	2,772
GD003	96.0	113.0	17.0	10,485	9,846	760	3,593	2,796	673	3,469
GD003	121.3	130.0	8.7	9,403	8,755	648	2,957	2,280	574	2,854
GD004	4.0	12.0	8.0	9,575	8,834	741	2,617	1,984	516	2,500
GD004	38.0	44.0	6.0	9,125	8,457	668	2,843	2,222	518	2,740
GD004	56.0	61.0	5.0	10,571	9,609	962	3,637	2,858	628	3,485
GD004	87.0	97.0	10.0	10,186	9,475	711	3,271	2,544	617	3,161
GD004	108.0	113.0	5.0	9,242	8,546	696	2,932	2,270	560	2,830
GD005	39.0	44.0	5.0	9,157	8,343	814	2,921	2,242	543	2,785
GD005	60.0	74.5	14.5	10,535	9,902	633	3,343	2,596	660	3,255

OBSERVATIONS

All holes intersected significant widths of mineralised carbonatite from surface to a maximum depth of 195m downhole, with lower-grade zones being generally restricted to the dolerite dyke intrusives. Based on the drilling data obtained to date, there appears to be a large, shallow-dipping, higher-grade zone exceeding 1% TREO that extends from the surface in the southeast to depth in the northwest (Figure 3). This higher-grade zone trends towards a near-surface area that was tested historically in diamond drillholes S, R and T, which returned core samples grading between 0.9 and 2.02%TREO (refer ASX release 22 November 2021)

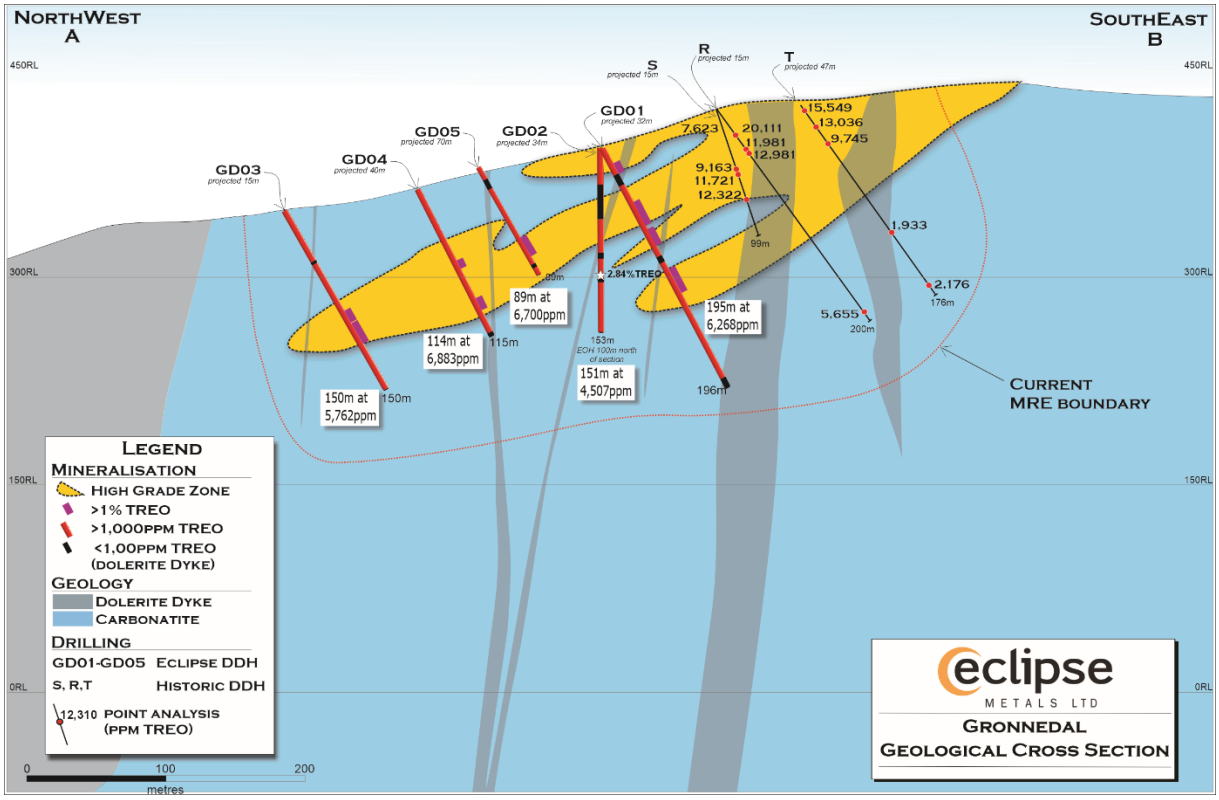

Figure 3: Grønnedal Geological Cross Section

Macroscopic examination of fresh drill core shows alternating zones of calcite and siderite-rich carbonatite, with local overprinting by hematite and magnetite, which are characteristic of the mineralised rare earth system. Bastnasite has been identified as the primary rare-earth-bearing mineral.

Drilling, which has successfully tested the carbonatite to a depth of approximately 200m over a large volume of the MRE, has confirmed the presence of a continuous deep-seated higher-grade zone that extends to the surface. The drilling has validated the inferred MRE, which covers an estimated 6% of the known carbonatite by volume.

Uranium content averages 4.16 ppm across the entire dataset.

NEXT STEPS

- Continued analysis and interpretation of geological and analytical data.
- Assess implications for geological modelling and future resource work.
- Continuing metallurgical and beneficiation studies.
- Progress strategic engagement relating to long-term critical minerals supply opportunities.
- The Company cautions that further technical work is required before any conclusions can be drawn regarding economic extraction or any potential Mineral Resource changes beyond those already reported by the Company.

STRATEGIC CONTEXT

The Company considers these results significant in light of ongoing efforts by governments and industry to secure diversified rare-earth supply chains outside China. Nd and Pr are critical inputs into high-performance permanent magnets used in electric vehicles, wind turbines, robotics, defence systems, industrial motors and advanced technologies.

Against that backdrop, Grønnedal's location in Greenland, existing scale, favourable infrastructure, and confirmed high-grade Nd-Pr-rich mineralisation position the project within a strategically relevant part of the critical minerals market.

Reported uranium values from the current drilling program are well below Greenland's 100 ppm statutory threshold for non-uranium mineral resource activities. This further supports Grønnedal's positioning within Greenland's current regulatory framework while maintaining focus on the Project's Rare Earth Element potential.

Authorised for release by the Board of Eclipse Metals Ltd

Carl Popal
Executive Chairman
Eclipse Metals
+61 8 9480 0420

www.eclipsemtals.com.au eclipse metals Eclipse Metals

ABOUT ECLIPSE METALS LTD (ASX: EPM)

Eclipse Metals Ltd is an Australian exploration company focused on exploring southwestern Greenland, Australia's Northern Territory and state of Queensland for multi-commodity mineralisation. Eclipse has an impressive portfolio of assets prospective for cryolite, fluorite, siderite, quartz, rare earths, gold, platinum group metals, manganese, palladium and vanadium mineralisation. The Company's mission is to increase shareholder wealth through capital growth and ultimately dividends. Eclipse plans to achieve this goal by exploring for and developing viable mineral deposits to generate mining or joint venture income.

ABOUT THE IVIGTÛT PROJECT

Eclipse Metals' Ivigtût Project is located in southwestern Greenland and includes the Ivigtût Cryolite-Polymetallic Deposit and the Grønnedal REE Deposit. The project has favourable infrastructure, with a power station, and fuel supplies to service this station and local traffic infrastructure to support mineral exploration. About 5.5 kilometres to the northeast of the Ivigtût prospect, the twin settlements of Kangilinnguit and Grønnedal provide a heliport and an active wharf with infrastructure. The Ivigtût project's Grønnedal carbonatite complex prospect is about 7km east from Ivigtût and only 3.5km south-east from the port of Grønnedal.

COMPETENT PERSONS STATEMENT

The information in this announcement relating to exploration results is based on data reviewed by Mr Alfred Gillman, who is a Fellow and Chartered Professional of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Non-Executive Director of Eclipse Metals Ltd. Mr. Gillman has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and consents to the inclusion of this information in the form and context in which it appears. The Company confirms that, in the case of estimates of mineral resources, released on 3 June 2025, all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

Appendix 1 : Interval Analytical Results (ppm)

Hole ID	From	To	La2O3	Ce2O3	Pr2O3	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb2O3	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	U
GD001	0.0	1.0	774	3350	501	3245	525	151	284	32	139	16	27	1.94	8.04	0.79	370	1.19
GD001	1.0	2.0	2320	9250	1241	7155	850	217	364	34	126	12	16	0.99	3.61	0.39	274	5.42
GD001	2.0	3.0	586	2250	345	2088	400	122	243	30	141	19	32	2.56	11.35	1.15	400	1.48
GD001	3.0	4.0	774	2980	446	3045	536	159	305	36	162	20	32	2.44	9.98	0.95	414	2.29
GD001	4.0	5.0	880	3240	475	2954	467	136	246	26	109	12	19	1.31	4.98	0.45	267	1.68
GD001	5.0	6.0	786	3080	468	3087	511	146	278	28	114	12	20	1.42	5.85	0.59	277	0.84
GD001	6.0	7.0	739	2810	421	2820	431	126	233	25	99	10	16	1.13	4.46	0.45	245	0.49
GD001	7.0	8.0	809	3150	466	3236	466	132	239	26	105	11	18	1.28	4.86	0.46	264	0.51
GD001	8.0	9.0	668	2510	371	2629	377	111	207	22	81	9	15	1.00	3.84	0.37	221	0.62
GD001	9.0	10.0	469	2000	317	2147	390	116	225	25	110	12	21	1.54	6.25	0.58	284	0.53
GD001	10.0	11.0	727	2900	438	2779	502	152	284	31	129	14	23	1.69	6.90	0.67	323	1.15
GD001	11.0	12.0	751	2900	433	2787	491	152	286	33	142	15	26	1.83	6.91	0.63	354	2.52
GD001	12.0	13.0	809	3030	442	2646	463	135	244	26	107	11	17	1.15	4.32	0.39	267	2.93
GD001	13.0	14.0	739	2660	386	2380	351	99	177	19	71	8	13	0.93	3.61	0.35	199	1.01
GD001	14.0	15.0	1760	6930	994	5724	807	211	375	38	158	17	28	1.85	6.78	0.61	367	3.00
GD001	15.0	16.0	633	2380	358	2346	383	114	216	25	107	12	20	1.41	5.49	0.51	278	4.47
GD001	16.0	17.0	1055	3810	544	3295	486	133	241	25	101	10	16	1.02	3.81	0.34	234	1.23
GD001	17.0	17.7	938	3420	483	2854	395	106	186	17	66	7	11	0.76	2.84	0.28	173	1.04
GD001	17.7	18.7	457	1665	236	1562	182	49	96	9	36	4	7	0.54	2.48	0.28	101	1.52
GD001	18.7	19.7	1255	4720	668	3794	479	125	212	21	76	8	12	0.82	2.92	0.29	190	0.86
GD001	19.7	20.7	868	3440	499	3004	455	128	233	25	108	12	20	1.43	5.42	0.49	269	2.08
GD001	20.7	21.7	1420	6110	895	5491	782	218	388	38	153	14	21	1.33	5.16	0.54	320	1.36
GD001	21.7	22.7	211	1015	175	1399	279	98	209	25	120	13	24	1.76	7.15	0.67	316	0.34
GD001	22.7	23.7	113	298	44	293	36	10	21	3	12	2	3	0.34	2.02	0.26	41	0.90
GD001	23.7	25.0	45	96	11	71	9	3	6	1	5	1	2	0.25	1.67	0.24	25	1.01
GD001	25.0	26.0	48	102	12	75	10	3	7	1	5	1	3	0.30	2.00	0.29	28	0.90
GD001	26.0	27.0	47	101	12	76	10	3	7	1	5	1	3	0.30	1.92	0.28	28	0.94
GD001	27.0	28.0	46	97	12	75	10	3	7	1	6	1	3	0.30	2.00	0.30	28	0.87
GD001	28.0	29.0	48	102	12	75	10	3	7	1	6	1	3	0.30	1.97	0.30	28	1.04
GD001	29.0	30.0	53	109	13	82	11	3	7	1	6	1	3	0.33	2.16	0.32	30	1.18
GD001	30.0	30.6	47	102	12	75	10	3	7	1	6	1	3	0.29	1.98	0.29	30	1.80
GD001	30.6	32.0	938	2640	345	1847	253	71	147	19	97	13	26	2.24	10.10	1.01	320	3.05
GD001	32.0	33.0	633	1875	245	1576	177	49	111	13	68	10	20	1.74	7.91	0.79	254	3.68
GD001	33.0	34.0	868	2600	349	1905	299	85	174	22	115	14	30	2.68	12.75	1.36	347	15.35
GD001	34.0	35.0	751	1960	269	1664	205	59	130	15	68	9	17	1.68	7.29	0.78	208	3.36
GD001	35.0	36.0	493	1285	173	1057	127	37	77	9	41	5	11	1.13	5.04	0.56	135	2.69
GD001	36.0	37.0	880	2530	355	1997	260	74	148	17	70	9	17	1.73	7.57	0.85	220	1.52
GD001	37.0	38.0	434	1140	155	932	115	36	79	10	49	7	16	1.50	5.93	0.57	182	4.72
GD001	38.0	39.0	352	926	125	765	91	28	64	9	46	7	16	1.62	6.41	0.62	178	14.45
GD001	39.0	40.0	645	1785	248	1544	182	53	106	13	59	8	17	1.70	6.73	0.69	202	2.96
GD001	40.0	41.0	938	2640	376	2230	288	84	181	21	96	13	24	2.49	8.70	0.87	283	2.66
GD001	41.0	42.0	622	1730	240	1499	180	55	115	15	72	10	20	1.88	7.32	0.75	238	2.71
GD001	42.0	43.0	715	1980	274	1488	199	59	124	15	74	10	20	1.95	7.22	0.75	246	2.64
GD001	43.0	44.0	809	2210	303	1814	210	63	129	15	69	9	18	1.69	6.23	0.60	224	5.43
GD001	44.0	45.0	856	1610	184	945	79	22	48	6	29	4	10	0.92	3.64	0.34	118	6.59
GD001	45.0	46.0	3070	4980	521	2529	230	64	131	16	77	12	21	1.82	6.76	0.63	262	5.16
GD001	46.0	47.0	5250	8110	818	3544	317	89	175	20	96	13	22	1.89	6.43	0.58	300	3.14
GD001	47.0	48.0	1585	2830	317	1662	181	57	126	16	79	11	21	1.92	7.19	0.69	262	4.77
GD001	48.0	49.0	528	1290	165	987	125	40	88	11	55	8	17	1.60	5.96	0.57	196	7.64
GD001	49.0	50.0	715	2040	291	1722	218	65	139	17	79	11	23	2.20	8.62	0.84	264	4.18
GD001	50.0	51.0	481	1275	180	1103	137	41	91	11	54	8	16	1.57	5.94	0.58	185	5.91
GD001	51.0	52.0	3050	5460	604	2979	321	97	203	22	96	12	22	2.02	8.18	0.86	284	1.08
GD001	52.0	53.0	4120	6360	647	2979	269	79	159	18	83	11	21	1.97	7.81	0.79	272	7.16
GD001	53.0	54.0	4740	7590	768	3594	321	91	170	20	88	11	20	1.85	7.20	0.74	278	3.96
GD001	54.0	55.0	5030	8250	851	4127	375	107	214	24	106	14	25	2.24	8.38	0.81	320	10.95
GD001	55.0	56.0	2870	5470	605	2912	286	84	168	18	78	10	18	1.67	6.90	0.77	241	0.83
GD001	56.0	57.0	1465	2760	312	1622	144	41	86	8	37	5	8	0.73	3.03	0.35	116	0.40
GD001	57.0	58.0	2790	5170	569	2596	263	77	158	19	81	10	18	1.68	7.20	0.84	251	2.05
GD001	58.0	59.0	3080	6040	680	3028	312	91	184	22	95	13	21	1.88	7.42	0.80	293	9.57
GD001	59.0	59.8	2510	4830	535	2538	244	71	148	18	84	11	20	1.86	7.25	0.77	259	4.01
GD001	59.8	60.4	481	861	98	509	46	13	29	3	17	3	6	0.63	3.17	0.41	69	2.82
GD001	60.4	62.0	3550	6720	730	3395	301	84	172	20	95	13	24	2.20	8.45	0.86	304	4.86
GD001	62.0	63.0	3460	6000	621	2746	223	60	120	14	64	9	19	1.72	6.54	0.65	235	17.95
GD001	63.0	63.7	2380	4260	459	2155	195	55	113	13	62	8	15	1.28	4.71	0.48	193	21.00
GD001	63.7	65.0	79	155	20	104	12	4	9	1	6	1	2	0.28	1.43	0.25	26	1.23
GD001	65.0	66.0	56	112	13	78	9	3	7	1	5	1	2	0.23	1.28	0.18	22	0.72
GD001	66.0	66.9	155	301	36	200	21	6	15	2	9	1	3	0.32	1.65	0.22	36	0.80
GD001	66.9	68.0	2640	4860	525	2413	242	74	154	17	73	9	15	1.34	5.25	0.54	210	0.49
GD001	68.0	69.0	3200	6400	708	3411	398	123	243	28	113	14	23	2.10	8.63	0.91	323	1.42
GD001	69.0	70.0	3850	7020	745	3220	329	90	185	19	75	9	16	1.16	4.71	0.45	237	1.37
GD001	70.0	71.0	2960	6060	666	2945	354	102	207	23	97	11	20	1.56	6.71	0.66	278	4.28
GD001	71.0	72.0	2360	4670	515	2479	268	76	159	16	76	10	20	1.62	6.96	0.66	264	33.10
GD001	72.0	73.0	3760	6890	726	2970	292	80	159	16	72	9	17	1.35	5.64	0.52	242	76.50
GD001	73.0	74.0	1925	3880	435	2113	241	69	145	15	75	11	21	1.81	7.90	0.73	269	6.72
GD001	74.0	75.0	1405	3060	365	1697	268	80	167	16	67	9	17	1.60	8.10	0.88	237	8.70
GD001	75.0	76.0	1300	2750	328	1689	233	73	155	16	71	10	20	1.80	8.52	0.84	258	16.80
GD001	76.0	77.0	1655	3420	387	1864	221	66	140	14	63	8	16	1.45	6.47	0.64	220	7.94
GD001	77.0	78.0	610	1260	155	850	97	29	62	6	28	4	8	0.68	3.01	0.31	94	3.68
GD001	78.0	79.0	1570	3370	385	1930	269	83	177	21	94	12	23	1.95	8.28	0.80	298	6.81
GD001	79.0	80.0	1370	2690	304	1559	163	50	120	13	64	9	19	1.65	7.24	0.69	241	8.41
GD001	80.0	81.0	2530	4830	531	2762	262	73	162	17	75	10	20	1.68	7.28	0.74	265	7.06
GD001	81.0	82.0	1900	3710	407	1939	201	59	120	12	59	9	18	1.62	7.24	0.73	231	9.47
GD001	82.0	83.0	1665	3440	394	2063	249	73	152	15	67	10	21	2.09	11.15	1.29	260	3.27
GD001	83.0	84.0	739	1845	248	1481	206	61	134	14	67	9	21	1.92	9.72	1.05	252	5.42
GD001	84.0	85.0	209	480	66	401	54	17	39	4	21	3	7	0.72	3.73	0.38	84	10.30
GD001	85.0	86.0	668	1950	280	1572	225	66	146	15	79	11	24	2.30	11.55	1.24	284	3.07
GD001	86.0	87.0	786	2340	325	1864	249	75	169	19	103	14	29	2.64	12.90	1.29	331	4.03
GD001	87.0	87.9	493	1390	204	1261	162	46	111	11	49	7	14	1.26	5.86	0.63	176	5.56
GD001	87.9	89.0	229	604	85	516	60	17	40	5	24	4	9	0.92	5.31	0.66	99	1.84
GD001	89.0	90.0	136	295	39	213	27	7	19	2	12	2	5	0.57	3.55	0.49	56	1.68
GD001	90.0	91.0	120	246	30	177	22	6	15	2	10	2	5	0.53	3.31	0.48	51	1.48
GD001	91.0	92.0	129	267	37	193	24	6	17	2	12	2	5	0.60	3.97	0.53	56	1.56
GD001	92.0	93.0	116	235	32	165	20	5	15	2	10	2	5	0.54	3.52	0.49	49	1.67
GD001	93.0	93.8	116	231	28	156	19	5	14	2	10	2	5	0.56	3.71	0.55	50	1.70
GD001	93.8	95.0	903	2380	312	1839	214	64	151	20	118	19	42	4.15	19.95	1.96	456	3.32
GD001	95.0	96.0	680	1750	235	1388	164	53	133	16	101	15	40	4.39	23.80	2.46	433	4.17
GD001	96.0	97.0	364	874	112	601	60	19	48	7	42	8	20	2.40	14.50	1.72	229	1.05
GD001	97.0	98.0	774	1860	241	1353	139	41	108	13	79	12	29	3.03	16.00	1.68	331	1.73
GD001	98.0	99.0	1020	2790	372	1253	261	80	184	24	130	21	44	4.41	21.90	2.19	490	3.58
GD001	99.0	100.0	985	2460	314	2221	248	80	188	26	151	25	57	5.95	29.70	3.05	597	2.56
GD001	100.0	101.0	1855	4530	572	1805	376	113	257	34	171	27	53	4.74	21.50	2.05	584	2.13
GD001	101.0	102.0	1405	3920	518	3170	384	116	255	31	150	22	42	3.76	18.00	1.80	481	2.24
GD001	102.0	103.0	1455	3610	454	3028	342	104	236	31	164	26	52	4.73	21.50	2.05	533	2.83
GD001	103.0	104.0	2060	5190	584	2529	392	111	249	30	159	24	48	4.34	18.85	1.83	522	2.36
GD001	104.0	105.0	1820	4630	524	3037	348	97	225	27	144	21	42	3.89	17.25	1.66	461	2.16
GD001	105.0	106.0	1655	4650	558	3128	363	97	227	25	126	16	34	3.23	15.20	1.55	399	1.50
GD001	106.0	107.0	1700	4770	565	3228	364	96	224	27	144	22	44	4.10	18.75	1.87	461	1.85
GD001	107.0	108.0	1690	4770	562	3245	342	90	202	25	131	18	39	3.73	17.80	1.79	438	1.18
GD001	108.0	109.0	1490	3980	456	3295	255	65	153	17	99	14	32	3.21	16.05	1.76	368	2.00
GD001	109.0	110.0	1300	3150	356	2721	196	49	127	15	94	14	33	3.44	17.40	1.83	376	2.02
GD001	110.0	111.0	1140	2990	353	2147	218	63	159	24	142	23	50	4.85	22.40	2.15	535	1.22
GD001	111.0	112.0	2080	5650	655	1864	412	107	249	31	171	26	54	5.11	22.60	2.19	552	1.35
GD001	112.0	113.0	1945	5340	624	3511	380	99	229	27	143	19	43	3.99	18.00	1.74	461	1.75
GD001	113.0	114.0	1665	4600	541	3345	341	90	212	26	143	22	45	4.16	18.15	1.75	470	4.11
GD001	114.0	115.0	2090	5680	668	2979	420	112	265	32	170	26	52	4.77	20.70	1.95	533	0.98
GD001	115.0	116.0	1960	5450	623	3794	384	104	236	30	168	27	55	5.05	21.50	2.02	549	3.84
GD001	116.0	117.0	1360	3610	420	3162	253	68	166	21	124	18	43	3.94	16.90	1.57	457	1.75
GD001	117.0	118.0	1430	4050	480	2479	311	80	185	23	118	16	36	3.18	13.70	1.31	396	4.14
GD001	118.0	119.0	1245	3510	417	2671	284	79	188	24	135	22	43	3.71	15.15	1.37	457	4.56
GD001	119.0	120.0	903	2300	269	2313	141	39	110	14	94	14	32	2.87	12.40	1.16	354	3.34
GD001	120.0	121.0	786	2390	295	1739	225	61	145	15	75	11	22	2.00	9.13	0.96	274	1.75

Hole ID	From	To	La2O3	Ce2O3	Pr2O3	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb2O3	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	U
GD001	121.0	122.0	598	1800	235	1494	174	50	131	14	67	9	18	1.62	7.06	0.72	231	8.01
GD001	122.0	123.0	727	2180	273	1561	194	55	134	14	73	10	21	1.90	8.89	0.93	257	2.82
GD001	123.0	124.0	211	568	74	451	50	14	35	4	24	4	9	0.88	4.61	0.53	98	1.00
GD001	124.0	125.0	340	925	113	709	76	22	54	7	37	6	13	1.30	6.32	0.71	160	14.55
GD001	125.0	126.0	293	798	100	614	65	18	46	5	28	4	9	0.97	5.07	0.58	107	2.26
GD001	126.0	127.0	586	1650	206	1273	135	38	100	11	56	8	18	1.66	8.31	0.90	216	1.33
GD001	127.0	128.0	973	2960	378	2205	296	84	198	24	120	15	30	2.59	11.10	1.09	363	1.02
GD001	128.0	129.0	1030	3290	417	2496	319	86	196	22	107	13	25	2.19	9.83	1.05	310	0.74
GD001	129.0	130.0	798	2460	311	1839	216	58	147	16	78	11	23	1.99	8.94	0.95	284	1.32
GD001	130.0	131.0	739	2330	295	1739	228	64	157	18	102	13	28	2.43	10.90	1.05	339	2.34
GD001	131.0	132.0	809	2510	324	1880	257	73	186	19	100	13	26	2.35	10.70	1.13	331	1.61
GD001	132.0	133.0	575	1640	207	1285	134	37	98	10	52	7	15	1.37	6.29	0.66	194	4.91
GD001	133.0	134.0	481	1375	176	1088	115	31	81	9	45	7	14	1.27	5.85	0.63	180	4.67
GD001	134.0	135.0	786	2270	291	1722	198	55	141	15	72	10	20	1.73	7.96	0.86	263	3.51
GD001	135.0	136.0	1010	3020	392	2130	299	82	196	23	112	14	27	2.34	10.60	1.17	347	2.07
GD001	136.0	137.0	305	751	91	537	55	16	41	5	30	5	11	1.05	5.34	0.62	124	9.29
GD001	137.0	137.8	228	551	72	393	41	11	26	3	17	3	6	0.63	3.26	0.40	65	12.35
GD001	137.8	139.0	762	2370	342	2072	278	84	193	22	99	13	23	1.82	7.60	0.83	304	2.16
GD001	139.0	140.0	446	1370	195	1205	166	52	130	15	68	9	16	1.29	5.41	0.56	218	6.78
GD001	140.0	141.0	727	2350	349	2147	321	101	228	26	116	13	23	1.81	7.49	0.82	319	1.29
GD001	141.0	142.0	798	2280	325	1880	240	71	166	19	85	11	19	1.60	7.06	0.81	259	2.82
GD001	142.0	143.0	915	3010	441	2596	390	120	271	30	128	15	26	2.01	8.46	0.92	349	2.40
GD001	143.0	144.0	880	2800	408	2604	359	109	250	28	126	15	26	1.99	7.58	0.76	344	3.15
GD001	144.0	145.0	868	2780	396	2396	344	109	257	31	143	18	31	2.39	9.36	0.95	405	4.36
GD001	145.0	146.0	645	2080	300	1797	267	82	193	24	114	15	27	2.22	9.14	0.96	358	4.77
GD001	146.0	147.0	645	2200	324	1980	274	84	189	23	107	13	25	2.06	9.19	1.04	333	1.37
GD001	147.0	148.0	645	1545	195	1095	126	37	84	10	48	7	14	1.22	5.57	0.61	189	5.47
GD001	148.0	149.0	293	760	100	584	70	22	47	6	28	4	9	0.83	3.95	0.46	106	45.40
GD001	149.0	150.0	198	467	66	381	47	14	31	4	18	3	5	0.52	2.60	0.30	66	25.30
GD001	150.0	151.0	293	766	106	611	74	22	52	7	36	5	12	1.10	5.00	0.53	144	24.80
GD001	151.0	152.0	270	611	80	443	50	14	31	4	18	3	6	0.62	3.11	0.33	69	20.30
GD001	152.0	153.0	209	488	65	368	42	12	27	3	17	2	6	0.59	2.79	0.30	65	27.10
GD001	153.0	154.0	192	432	59	333	38	11	25	3	15	2	5	0.54	2.65	0.29	57	24.00
GD001	154.0	155.0	229	553	75	431	50	15	33	4	20	3	7	0.71	3.84	0.46	75	16.40
GD001	155.0	156.0	219	528	72	413	48	15	33	4	20	3	6	0.59	2.74	0.32	73	20.40
GD001	156.0	157.0	208	480	64	358	40	12	26	3	14	2	5	0.47	2.41	0.30	52	23.00
GD001	157.0	158.0	317	793	108	622	71	21	46	5	26	4	8	0.83	4.53	0.58	94	12.75
GD001	158.0	159.0	281	700	91	527	62	18	40	5	22	3	7	0.72	3.83	0.50	79	15.85
GD001	159.0	159.6	132	305	43	243	31	9	22	3	12	2	4	0.44	2.43	0.32	45	20.80
GD001	159.6	161.0	76	156	20	120	16	5	12	2	9	1	4	0.45	2.69	0.40	41	1.53
GD001	161.0	162.0	44	95	13	76	11	4	9	1	7	1	4	0.44	2.82	0.41	37	0.84
GD001	162.0	163.0	50	106	14	82	12	4	10	1	8	1	4	0.48	2.97	0.46	40	1.03
GD001	163.0	164.0	79	162	21	122	16	5	13	2	10	2	4	0.52	3.19	0.44	46	1.41
GD001	164.0	165.0	144	298	41	222	27	8	20	2	13	2	5	0.57	3.50	0.44	56	1.90
GD001	165.0	166.0	211	467	61	343	39	12	26	3	16	2	6	0.64	3.51	0.45	69	2.58
GD001	166.0	167.0	144	309	40	212	26	8	17	2	11	2	5	0.62	3.78	0.50	53	9.41
GD001	167.0	168.3	237	596	80	469	59	18	42	5	25	4	9	0.95	5.40	0.69	98	17.05
GD001	168.3	169.0	551	1780	256	1584	231	70	164	18	84	11	22	1.98	9.53	1.17	288	2.31
GD001	169.0	170.0	539	1775	269	1637	278	87	205	23	103	12	22	1.78	7.49	0.84	291	3.22
GD001	170.0	171.0	762	2340	336	1997	312	98	220	25	106	13	23	2.03	9.75	1.21	312	5.73
GD001	171.0	172.0	575	2060	301	1805	296	94	220	27	114	15	23	1.94	8.18	0.93	296	3.44
GD001	172.0	173.0	633	2220	322	2038	303	93	221	26	106	14	21	1.66	6.70	0.72	268	1.85
GD001	173.0	174.1	645	2220	310	1839	298	95	218	26	111	15	23	1.91	7.58	0.76	297	2.57
GD001	174.1	174.7	434	990	121	662	75	23	53	6	26	4	7	0.61	2.82	0.33	90	2.18
GD001	174.7	176.0	821	2690	383	2421	334	100	230	28	123	17	28	2.36	9.43	0.91	338	22.10
GD001	176.0	177.0	798	2610	363	2338	335	102	225	26	114	16	24	1.97	7.63	0.76	309	3.75
GD001	177.0	178.0	833	2860	406	2521	382	117	269	32	136	18	27	2.09	7.80	0.78	348	3.43
GD001	178.0	179.0	798	2610	365	2263	341	104	235	30	131	18	30	2.47	9.37	0.94	368	4.17
GD001	179.0	180.0	680	2440	352	2063	348	111	249	29	121	16	25	1.92	7.46	0.76	312	1.66
GD001	180.0	181.0	739	2520	351	2055	330	106	236	27	109	14	22	1.78	7.16	0.75	286	2.10
GD001	181.0	182.0	645	1955	266	1611	215	64	141	17	80	11	21	1.97	8.92	1.01	248	16.90
GD001	182.0	183.0	281	953	133	845	115	33	81	9	41	6	12	1.27	6.50	0.87	133	12.15
GD001	183.0	184.0	305	1015	144	900	123	35	82	9	42	6	13	1.34	7.19	1.00	141	8.14
GD001	184.0	185.0	240	847	121	765	106	28	70	8	38	6	12	1.37	7.77	1.08	132	10.35
GD001	185.0	186.0	202	511	69	406	51	15	34	4	20	3	7	0.73	3.78	0.52	73	4.35
GD001	186.0	187.4	173	382	48	272	32	10	22	3	14	2	5	0.53	2.80	0.36	53	3.29
GD001	187.4	189.0	86	211	30	186	24	7	17	2	12	2	5	0.56	3.17	0.44	50	2.14
GD001	189.0	190.0	50	116	16	92	13	4	10	1	8	2	4	0.51	3.06	0.42	42	1.15
GD001	190.0	191.0	45	107	14	90	12	4	9	1	8	2	4	0.61	3.68	0.49	43	3.17
GD001	191.0	192.0	140	368	52	322	40	11	26	3	16	3	6	0.67	3.83	0.52	64	2.95
GD001	192.0	193.0	65	151	21	124	16	5	12	2	9	2	4	0.52	2.96	0.43	44	1.09
GD001	193.0	194.0	77	171	23	140	18	5	13	2	10	2	5	0.57	3.36	0.49	46	1.15
GD001	194.0	195.0	218	460	55	300	33	10	23	3	14	2	5	0.60	3.15	0.41	59	1.76
GD001	195.0	196.2	131	269	34	194	23	7	17	2	12	2	5	0.63	3.63	0.50	60	1.51
GD002	0.0	0.8	727	2870	420	2579	379	113	239	26	105	14	20	1.64	6.23	0.62	257	0.84
GD002	0.8	1.8	762	2890	417	2371	350	99	199	22	88	10	16	1.30	5.03	0.54	217	1.37
GD002	1.8	3.0	633	2570	390	2596	413	128	266	29	115	15	21	1.62	6.08	0.61	282	8.24
GD002	3.0	4.0	856	3670	542	3544	530	165	335	35	137	17	24	1.82	6.72	0.70	319	5.50
GD002	4.0	5.0	950	3550	509	3203	477	142	297	33	129	17	24	1.82	6.72	0.68	298	36.80
GD002	5.0	6.0	715	2450	357	2338	408	132	286	33	136	17	25	1.94	7.15	0.71	328	77.90
GD002	6.0	7.0	633	2000	283	1914	310	108	246	30	128	17	25	1.95	7.22	0.71	323	175.00
GD002	7.0	8.0	739	2400	338	2138	324	106	235	29	131	18	28	2.40	10.40	1.14	350	96.10
GD002	8.0	9.0	668	2520	372	2413	417	136	289	34	143	19	28	2.23	8.64	0.90	357	185.50
GD002	9.0	10.0	751	2740	410	2837	482	155	335	38	159	21	32	2.51	10.15	1.07	395	147.50
GD002	10.0	11.0	481	1735	253	1662	253	74	171	18	75	9	17	1.38	6.01	0.73	230	27.90
GD002	11.0	12.0	1030	3480	465	3478	358	92	197	19	79	9	17	1.54	7.20	0.90	241	5.27
GD002	12.0	13.0	633	2230	302	1889	226	58	124	11	45	6	10	0.82	3.36	0.37	136	1.41
GD002	13.0	14.0	950	3610	486	3178	395	108	226	22	89	10	17	1.35	5.67	0.68	232	7.59
GD002	14.0	15.0	1230	4530	617	3644	471	126	269	26	105	12	19	1.50	5.69	0.63	273	8.23
GD002	15.0	16.0	1185	4150	556	3411	397	100	210	20	80	9	17	1.33	5.09	0.56	232	3.95
GD002	16.0	17.0	821	2820	382	2513	359	101	226	23	94	11	19	1.42	5.37	0.57	248	19.35
GD002	17.0	18.0	551	2080	311	2088	386	121	274	29	120	14	23	1.76	6.50	0.66	310	24.20
GD002	18.0	19.0	657	2350	328	2388	400	124	275	28	113	13	22	1.74	7.13	0.79	301	4.16
GD002	19.0	20.0	727	2570	362	2504	412	126	280	30	119	15	23	1.92	7.89	0.89	324	2.04
GD002	20.0	21.0	1100	3620	476	2937	375	100	206	21	88	11	19	1.67	7.50	0.90	274	3.01
GD002	21.0	22.0	1185	4060	532	3361	348	88	171	16	61	7	13	1.22	5.74	0.75	195	3.22
GD002	22.0	23.0	821	2800	383	2429	362	104	225	23	93	11	18	1.34	4.98	0.50	246	2.53
GD002	23.0	24.0	1245	4450	603	3811	521	137	299	30	120	13	22	1.61	5.69	0.58	302	2.55
GD002	24.0	25.0	833	2890	394	2596	419	125	278	29	121	15	24	1.80	6.70	0.67	312	1.88
GD002	25.0	26.0	1220	3770	487	3170	456	137	302	33	139	19	31	2.64	10.65	1.16	399	10.10
GD002	26.0	27.0	1065	3560	469	2929	445	129	287	31	135	18	30	2.51	10.30	1.13	380	7.20
GD002	27.0	28.0	915	2860	363	2163	321	91	206	23	105	14	26	2.33	10.05	1.14	339	7.94
GD002	28.0	29.0	622	1890	253	1561	231	68	155	18	84	11	22	2.10	9.06	1.02	290	11.05
GD002	29.0	29.7	493	1525	203	1283	185	52	128	14	73	10	22	2.06	9.28	1.07	260	2.84
GD002	29.7	31.0	116	280	38	230	27	8	19	2	11	2	4	0.48	2.45	0.33	49	1.30
GD002	31.0	32.0	57	124	15	89	12	4	9	1	6	1	3	0.34	2.00	0.28	30	0.93
GD002	32.0	33.0	57	124	14	84	12	3	9	1	6	1	3	0.33	1.92	0.28	29	0.81
GD002	33.0	34.0	57	120	14	82	11	3	9	1	6	1	3	0.34	1.96	0.30	29	0.95
GD002	34.0	35.0	61	130	15	88	12	3	9	1	6	1	3	0.37	2.07	0.33	31	0.90
GD002	35.0	36.0	48	103	12	70	10	3	8	1	5	1	2	0.31	1.76	0.27	27	0.64
GD002	36.0	37.0	49	104	12	73	10	3	8	1	5	1	3	0.33	1.92	0.29	28	0.65
GD002	37.0	38.0	45	94	11	65	9	3	7	1	5	1	2	0.30	1.82	0.26	26	0.60
GD002	38.0	39.0	44	96	11	66	9	3	7	1	5	1	2	0.30	1.81	0.27	26	0.61
GD002	39.0	40.0	43	92	10	63	9	2	7	1	5	1	2	0.29	1.72	0.24	25	0.60
GD002	40.0	41.0	47	100	11	69	10	3	7	1	5	1	2	0.30	1.82	0.27	26	0.68
GD002	41.0	42.0	48	103	12	70	10	3	8	1	5	1	2	0.32	1.82	0.28	27	0.71
GD002	42.0	43.0	49	104	12	71	10	3	8	1	5	1	3	0.31	1.85	0.28	27	0.71
GD002	43.0	44.0	47	101	11	69	9	3	7	1	5	1	3	0.32	1.82	0.27	26	0.76
GD002	44.0	45.0	50	108	12	74	10	3	8	1	5	1	3	0.32	1.88	0.29	28	0.80
GD002	45.0	46.0	47	99	12	78	11	4	8	1	5	1	2	0.31	1.73	0.24	28	0.78
GD002	46.0	47.0	46	103	13	87	12	4	10	1	6	1	2	0.27	1.51	0.20	28	0.71
GD002	47.0	48.0	375	965	124	735	75	21	49	5	24	4	7	0.77	3.59	0.43	93	0.96
GD002	48.0	49.0	46	98	12	80	11	4	9	1	6	1	2	0.28	1.57	0.22	29	0.91

Hole ID	From	To	La2O3	Ce2O3	Pr2O3	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb2O3	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	U
GD002	49.0	50.0	138	326	44	280	34	9	22	3	12	2	4	0.45	2.25	0.29	50	1.21
GD002	50.0	51.0	340	1000	135	865	108	33	69	8	36	6	12	1.46	7.05	0.84	156	6.54
GD002	51.0	52.0	42	89	11	72	10	3	8	1	6	1	3	0.33	1.86	0.23	32	0.74
GD002	52.0	53.0	47	103	13	82	11	3	9	1	6	1	2	0.28	1.58	0.22	27	0.72
GD002	53.0	54.0	52	111	14	89	12	4	9	1	6	1	2	0.27	1.48	0.20	27	1.32
GD002	54.0	55.0	52	112	14	89	12	4	9	1	6	1	2	0.29	1.64	0.23	28	1.18
GD002	55.0	56.0	48	99	12	76	10	3	8	1	5	1	2	0.29	1.69	0.23	27	0.97
GD002	56.0	57.0	47	98	12	79	11	3	8	1	5	1	2	0.26	1.45	0.20	26	1.02
GD002	57.0	58.4	69	152	20	126	16	5	12	1	7	1	3	0.31	1.67	0.24	32	1.24
GD002	58.4	60.1	469	1300	173	1070	133	40	86	10	42	6	12	1.22	5.34	0.60	159	8.98
GD002	60.1	61.0	68	157	21	128	17	5	13	2	8	1	3	0.37	2.01	0.26	38	7.55
GD002	61.0	62.0	739	2190	305	1805	257	77	162	20	87	13	25	2.84	14.65	1.84	309	78.30
GD002	62.0	63.0	704	2030	275	1747	224	69	142	17	71	10	21	2.42	14.25	1.63	262	16.10
GD002	63.0	64.0	680	1900	255	1634	210	66	137	17	76	11	22	2.47	12.40	1.50	269	17.60
GD002	64.0	65.4	856	2460	334	2113	274	83	171	21	93	14	27	3.03	15.35	1.89	334	82.60
GD002	65.4	66.8	55	119	15	96	13	4	10	1	6	1	2	0.32	1.76	0.23	31	4.00
GD002	66.8	68.0	821	2370	325	1980	269	84	173	22	98	15	29	3.19	15.70	1.84	356	51.60
GD002	68.0	69.0	762	2180	295	1780	247	74	155	19	83	12	24	2.55	11.85	1.33	305	163.00
GD002	69.0	70.0	903	2610	344	2022	288	88	182	22	97	14	26	2.73	12.70	1.44	331	36.80
GD002	70.0	71.0	2180	4390	481	2563	261	76	149	18	73	9	17	1.74	7.95	0.90	243	28.70
GD002	71.0	72.0	727	2050	277	1780	230	73	150	19	84	12	23	2.54	11.90	1.36	310	100.00
GD002	72.0	73.0	798	2300	311	1930	263	81	171	21	95	14	26	2.75	12.80	1.44	334	44.90
GD002	73.0	74.0	715	1975	273	1654	245	76	159	20	87	13	24	2.54	11.60	1.26	305	15.85
GD002	74.0	75.0	598	1680	225	1474	201	66	134	17	77	12	22	2.30	10.15	1.12	279	24.10
GD002	75.0	76.0	786	2270	305	1855	267	85	178	24	108	16	30	3.05	13.00	1.33	384	119.50
GD002	76.0	77.0	727	2110	284	1672	249	81	167	21	93	14	25	2.60	11.15	1.13	326	53.90
GD002	77.0	78.0	739	2170	293	1649	253	84	174	23	109	17	31	3.06	12.25	1.16	391	43.20
GD002	78.0	79.0	1185	3440	448	2513	350	107	220	26	117	17	29	3.03	11.35	1.15	392	16.55
GD002	79.0	80.0	856	2640	358	2055	319	102	214	27	124	19	33	3.19	12.70	1.26	413	19.55
GD002	80.0	81.0	856	2540	344	2105	303	95	194	23	104	15	27	2.66	11.20	1.14	357	35.20
GD002	81.0	82.0	751	2210	303	2005	263	84	196	22	110	14	31	2.70	12.25	1.12	356	73.40
GD002	82.0	83.0	927	2760	364	2188	306	100	230	25	124	16	34	2.94	13.40	1.20	384	88.40
GD002	83.0	84.0	833	2410	319	1972	266	82	193	21	103	13	29	2.51	11.90	1.11	334	53.20
GD002	84.0	85.0	692	2050	274	1830	267	87	203	21	102	13	28	2.51	11.65	1.08	329	33.80
GD002	85.0	86.3	493	1405	189	1231	168	54	133	13	67	9	20	1.74	8.21	0.76	236	7.56
GD002	86.3	87.0	59	136	17	108	15	5	13	1	8	1	3	0.30	1.77	0.20	34	1.58
GD002	87.0	88.0	48	106	13	81	11	4	10	1	6	1	2	0.25	1.53	0.19	27	0.79
GD002	88.0	89.0	47	106	13	81	11	4	9	1	6	1	2	0.25	1.53	0.18	27	0.81
GD002	89.0	90.6	59	133	17	108	15	5	13	2	9	1	3	0.35	2.04	0.23	40	21.20
GD002	90.6	92.0	950	2750	356	2296	288	89	207	23	121	16	35	3.02	13.85	1.28	404	16.95
GD002	92.0	93.0	962	2780	359	2097	313	99	232	27	138	17	36	2.90	12.55	1.10	427	19.75
GD002	93.0	94.0	997	2740	355	2063	376	124	290	31	144	17	31	2.39	10.15	0.88	372	27.40
GD002	94.0	95.0	950	2720	369	2529	409	132	300	32	140	15	29	2.23	9.87	0.89	357	30.70
GD002	95.0	96.0	680	1890	256	1706	252	85	195	20	92	11	23	1.92	8.64	0.80	290	43.30
GD002	96.0	97.0	633	1905	257	1602	237	79	188	21	104	13	26	2.12	9.47	0.86	319	82.80
GD002	97.0	98.0	739	2150	296	1889	260	83	190	21	103	13	26	2.17	10.20	0.96	323	52.00
GD002	98.0	99.0	903	2170	266	1529	185	61	149	18	106	14	28	2.27	9.59	0.85	349	75.40
GD002	99.0	100.0	434	1285	173	1102	150	46	121	11	50	6	10	0.72	3.07	0.29	141	5.43
GD002	100.0	101.0	528	1675	236	1626	255	82	200	20	82	9	16	1.09	4.66	0.42	222	2.28
GD002	101.0	102.0	610	1880	266	1714	276	89	224	24	103	11	19	1.33	5.22	0.45	259	3.03
GD002	102.0	103.0	551	1790	255	1930	278	88	220	23	103	11	19	1.33	5.26	0.44	254	0.95
GD002	103.0	104.0	692	2350	336	2438	357	113	275	27	109	11	19	1.36	5.27	0.46	259	0.33
GD002	104.0	105.0	692	2230	310	1889	299	93	229	25	116	13	24	1.66	6.40	0.53	305	6.05
GD002	105.0	106.0	645	2130	303	1997	306	95	224	22	89	10	16	1.12	4.51	0.42	224	1.05
GD002	106.0	107.0	340	1090	158	1088	142	43	105	11	50	6	12	0.85	3.51	0.33	156	6.29
GD002	107.0	108.4	253	767	103	669	81	24	58	6	32	4	10	0.79	3.60	0.37	123	6.62
GD002	108.4	109.0	121	260	31	184	23	6	18	2	12	2	5	0.57	3.69	0.48	55	1.68
GD002	109.0	110.0	97	209	25	152	19	6	15	2	11	2	5	0.53	3.48	0.43	51	3.52
GD002	110.0	111.4	113	234	27	161	20	5	15	2	10	2	5	0.54	3.60	0.45	53	1.68
GD002	111.4	112.0	422	1115	138	800	74	19	43	4	23	4	9	0.86	4.54	0.48	106	4.08
GD002	112.0	113.0	457	1185	147	850	79	21	49	5	26	4	9	0.82	4.05	0.43	111	6.61
GD002	113.0	114.0	493	1480	210	1433	223	68	166	15	67	8	15	1.20	5.23	0.49	204	4.77
GD002	114.0	115.0	481	1475	209	1399	205	61	143	13	58	7	13	0.95	3.91	0.36	173	5.11
GD002	115.0	116.0	237	692	99	661	83	25	61	6	31	4	7	0.53	2.11	0.19	97	1.82
GD002	116.0	117.0	3280	10200	1416	8786	917	208	378	29	103	11	18	1.28	4.79	0.50	245	2.29
GD002	117.0	118.0	3340	10950	1615	10317	1090	249	445	31	99	9	15	1.06	3.81	0.41	213	6.84
GD002	118.0	119.0	375	1060	154	1018	121	33	72	7	31	4	8	0.67	2.86	0.30	97	1.63
GD002	119.0	120.0	551	1605	228	1478	152	37	72	6	25	3	5	0.46	2.00	0.22	72	0.56
GD002	120.0	121.0	762	2080	286	1780	178	42	86	7	27	3	6	0.53	2.49	0.30	80	2.22
GD002	121.0	122.0	151	357	50	329	42	12	29	3	14	2	4	0.45	2.32	0.30	50	2.12
GD002	122.0	123.0	352	962	138	929	111	28	57	5	20	2	5	0.42	1.98	0.24	60	3.05
GD002	123.0	124.0	226	483	58	344	42	13	29	3	18	3	6	0.70	3.77	0.46	74	8.64
GD002	124.0	125.0	399	1120	149	988	132	39	97	10	42	5	10	0.84	3.52	0.38	131	4.43
GD002	125.0	126.0	645	2180	328	2313	343	102	225	22	80	9	15	1.17	4.98	0.55	211	0.77
GD002	126.0	127.0	293	959	145	1045	163	48	118	11	46	6	10	0.94	4.26	0.50	143	3.22
GD002	127.0	128.0	446	1150	150	907	94	23	48	5	22	3	8	0.75	3.60	0.42	91	9.39
GD002	128.0	129.0	352	843	102	601	65	18	40	4	21	3	7	0.69	3.40	0.39	87	12.60
GD002	129.0	130.0	168	377	48	285	33	10	23	3	13	2	4	0.34	1.53	0.18	46	18.45
GD002	130.0	131.0	258	613	77	464	51	14	33	4	19	3	6	0.61	3.12	0.37	71	15.55
GD002	131.0	132.0	247	623	79	469	49	13	31	3	15	2	5	0.53	2.76	0.33	58	9.76
GD002	132.0	133.0	258	616	78	448	43	11	26	3	12	2	4	0.48	2.52	0.29	52	8.93
GD002	133.0	134.0	317	751	92	527	55	14	35	4	18	3	5	0.53	2.43	0.27	66	7.91
GD002	134.0	135.0	410	993	121	735	81	21	46	4	17	2	4	0.40	1.87	0.22	51	11.25
GD002	135.0	136.0	130	259	30	163	17	5	12	2	10	2	4	0.41	1.89	0.20	45	13.05
GD002	136.0	137.0	170	361	43	224	23	6	14	2	8	1	3	0.45	2.57	0.34	38	11.55
GD002	137.0	138.0	293	657	80	453	45	12	29	3	15	2	6	0.62	3.17	0.38	65	7.93
GD002	138.0	139.0	202	440	54	297	31	8	20	2	12	2	5	0.56	2.96	0.36	57	5.06
GD002	139.0	140.0	340	836	104	609	62	16	40	4	20	3	7	0.74	3.92	0.48	77	5.53
GD002	140.0	141.0	364	978	124	729	73	19	45	5	21	3	7	0.70	3.59	0.45	75	3.05
GD002	141.0	142.0	328	857	108	629	61	15	36	4	17	2	6	0.59	3.20	0.41	62	4.46
GD002	142.0	143.0	247	625	81	504	61	17	40	5	22	3	7	0.69	3.54	0.43	78	7.29
GD002	143.0	144.0	375	895	109	636	69	19	44	5	24	3	7	0.80	4.24	0.54	89	3.02
GD002	144.0	145.0	516	1200	147	850	84	22	47	5	19	3	6	0.63	3.85	0.56	69	7.28
GD002	145.0	146.0	237	621	79	486	53	15	34	4	19	3	6	0.65	3.56	0.44	69	1.50
GD002	146.0	147.0	340	996	137	889	113	32	77	8	39	5	10	0.91	4.14	0.49	133	10.20
GD002	147.0	148.0	645	2190	311	1997	314	93	213	23	96	12	20	1.57	6.33	0.65	274	2.90
GD002	148.0	149.0	751	2540	364	2213	337	100	234	25	103	11	19	1.43	5.63	0.57	259	0.94
GD002	149.0	150.4	821	2590	369	2188	320	96	228	24	106	12	20	1.59	6.64	0.68	268	0.84
GD002	150.4	151.0	317	945	124	740	85	24	55	6	26	3	6	0.50	2.19	0.21	80	36.30
GD002	151.0	152.0	57	159	21	128	18	6	14	2	10	2	3	0.30	1.27	0.13	36	19.65
GD002	152.0	153.0	126	320	39	226	27	8	17	2	11	2	4	0.37	1.63	0.18	43	12.10
GD002	153.0	154.0	85	218	27	163	22	7	16	2	11	2	5	0.51	2.69	0.29	45	13.15
GD002	154.0	154.6	136	327	43	249	32	10	23	3	17	3	8	0.96	5.25	0.58	82	21.40
GD003	0.0	1.5	610	1870	261	1164	196	55	130	16	75	11	24	2.39	11.25	1.26	283	4.31
GD003	1.5	3.0	586	1715	235	1044	161	44	103	11	49	7	15	1.48	7.14	0.85	185	3.03
GD003	3.0	4.0	364	971	130	569	91	26	62	7	36	6	13	1.48	8.07	0.99	161	5.85
GD003	4.0	5.0	340	876	116	504	82	23	54	6	30	4	10	1.17	6.21	0.77	123	2.35
GD003	5.0	6.0	207	471	63	271	41	11	26	3	13	2	4	0.46	2.60	0.32	50	7.23
GD003	6.0	7.0	194	459	63	274	44	13	29	4	17	3	6	0.59	2.93	0.36	69	7.69
GD003	7.0	8.0	185	413	56	232	34	9	21	2	11	2	5	0.45	2.63	0.35	48	11.05
GD003	8.0	9.0	128	307	44	198	32	9	21	2	11	2	4	0.45	2.47	0.30	46	2.82
GD003	9.0	10.0	150	371	54	246	41	12	28	3	16	3	6	0.75	4.22	0.53	74	6.63
GD003	10.0	11.0	305	662	82	315	32	7	16	2	10	2	6	0.94	6.08	0.80	67	4.14
GD003	11.0	12.0	247	525	65	254	29	7	16	2	8	1	5	0.65	5.25	0.68	51	4.48
GD003	12.0	13.0	180	398	53	223	31	8	19	2	11	2	4	0.61	3.94	0.54	54	3.62
GD003	13.0	14.0	201	458	61	260	38	11	25	3	14	2	5	0.59	3.27	0.39	62	4.59
GD003	14.0	15.0	237	600	82	357	57	16	38	4	19	3	6	0.67	3.64	0.44	76	3.95
GD003	15.0	16.0	163	374	51	223	36	10	24	3	12	2	4	0.42	2.19	0.26	43	2.60
GD003	16.0	17.0	137	314	44	197	33	10	24	3	13	2	4	0.38	1.77	0.21	47	3.93
GD003	17.0	18.3	204	454	62	259	41	12	28	3	14	2	4	0.37	1.64	0.17	47	5.12
GD003	18.3	19.0	680	2140	312	1236	264	75	170	19	79	10	21	1.94	8.72	0.92	264	6.06
GD003	19.0	20.0	727	2380	338	1423	301	83	194	22	94	12	24	2.19	10.10	1.15	287	0.92
GD003	20.0	20.6	786	2530	359	1528	314	86	192	21	86	11	22	2.07	9.83	1.12	277	2.03

Hole ID	From	To	La2O3	Ce2O3	Pr2O3	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb2O3	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	U
GD003	20.6	22.0	246	607	82	364	59	17	40	5	21	3	7	0.66	3.25	0.35	79	4.83
GD003	22.0	23.0	220	515	67	286	44	12	29	3	13	2	4	0.42	2.16	0.26	49	21.00
GD003	23.0	24.0	244	707	104	488	83	24	55	6	26	4	7	0.64	2.87	0.32	90	2.87
GD003	24.0	25.3	352	1080	155	719	124	34	83	9	38	5	11	1.04	4.83	0.58	142	2.37
GD003	25.3	26.0	927	2720	369	1592	314	90	202	24	109	14	28	2.40	9.49	0.96	347	4.78
GD003	26.0	27.0	774	2530	357	1545	297	82	187	22	93	12	24	2.07	8.38	0.86	300	1.78
GD003	27.0	28.0	657	1900	262	1054	224	68	157	21	99	14	30	2.68	11.00	1.08	343	47.10
GD003	28.0	29.0	727	2110	288	1196	271	82	190	22	97	13	25	2.48	10.40	1.08	312	25.10
GD003	29.0	30.0	680	1900	264	1164	253	75	173	20	90	12	23	2.26	9.45	0.96	297	45.50
GD003	30.0	31.0	692	2050	280	1306	257	75	166	18	82	11	20	2.02	8.41	0.88	279	28.50
GD003	31.0	32.0	880	2520	341	1551	301	86	187	21	93	12	23	2.22	9.21	0.99	305	6.56
GD003	32.0	33.0	927	2580	349	1592	307	86	193	22	95	12	24	2.35	9.84	1.03	317	6.46
GD003	33.0	34.0	950	2870	379	1598	336	99	216	26	116	16	30	3.03	13.25	1.40	376	9.24
GD003	34.0	35.0	938	2640	345	1808	327	102	231	29	132	18	33	3.31	14.20	1.47	418	19.05
GD003	35.0	36.0	903	2680	359	1534	326	98	216	26	115	15	28	2.83	12.20	1.31	362	21.50
GD003	36.0	37.0	774	2160	288	1254	261	77	168	19	83	11	20	2.08	9.03	0.95	269	11.60
GD003	37.0	38.4	281	785	103	474	86	26	62	7	33	5	11	1.21	5.56	0.62	141	6.24
GD003	38.4	39.2	57	128	15	71	14	5	11	1	8	1	3	0.38	2.00	0.24	38	4.98
GD003	39.2	40.0	528	1320	170	778	144	45	105	12	60	9	20	2.14	9.44	1.04	248	12.75
GD003	40.0	41.0	528	1375	182	828	152	48	106	11	51	7	16	1.91	8.19	0.91	205	20.50
GD003	41.0	42.0	186	450	60	267	47	14	32	4	18	3	6	0.74	3.59	0.41	81	1.37
GD003	42.0	43.0	45	116	16	80	20	7	16	2	13	2	6	0.82	4.37	0.52	73	4.34
GD003	43.0	44.0	100	217	28	121	27	9	22	3	16	3	6	0.73	3.63	0.44	75	4.80
GD003	44.0	45.0	610	1575	207	917	178	50	113	11	50	7	15	1.64	7.61	0.85	192	17.00
GD003	45.0	46.0	692	1685	217	976	189	58	126	13	56	8	16	1.69	7.57	0.87	202	4.75
GD003	46.0	47.0	622	1710	224	1017	204	61	133	15	71	9	20	2.03	8.96	0.97	246	10.25
GD003	47.0	48.0	633	1785	239	1091	218	64	134	13	58	8	15	1.61	7.07	0.79	204	19.05
GD003	48.0	49.0	739	1995	262	1178	239	71	152	17	77	10	20	2.05	8.49	0.90	259	13.75
GD003	49.0	50.0	774	1995	263	1136	233	68	144	16	72	9	19	2.00	9.21	1.01	246	5.30
GD003	50.0	51.0	692	1885	248	1134	224	66	144	15	65	9	18	1.91	8.47	0.93	230	6.22
GD003	51.0	52.0	786	1975	261	1201	235	68	144	14	58	8	15	1.61	7.17	0.80	203	3.73
GD003	52.0	53.0	786	2130	275	1283	249	72	150	15	59	8	15	1.63	7.30	0.80	206	3.87
GD003	53.0	54.0	751	2040	272	1236	237	69	140	13	56	7	15	1.57	7.20	0.81	197	3.04
GD003	54.0	55.0	692	1810	236	1094	209	62	131	13	57	8	16	1.69	7.69	0.87	206	5.23
GD003	55.0	56.0	715	1810	236	1072	206	60	128	13	61	9	18	1.95	8.64	0.95	231	6.92
GD003	56.0	57.0	1370	2870	321	1452	231	67	137	16	71	9	19	2.10	9.35	1.02	258	14.40
GD003	57.0	58.0	739	2020	263	1172	228	66	139	16	70	9	20	2.21	10.60	1.22	253	2.01
GD003	58.0	59.0	715	1920	252	1236	225	68	139	15	72	10	21	2.32	11.15	1.26	262	16.00
GD003	59.0	60.0	563	1545	208	968	186	57	117	13	59	9	18	2.04	9.46	1.10	230	22.80
GD003	60.0	61.0	197	514	70	323	58	18	38	5	24	4	8	0.97	4.70	0.56	108	14.25
GD003	61.0	62.0	868	2530	342	1505	315	94	201	24	113	15	32	3.44	15.70	1.73	395	14.20
GD003	62.0	63.0	915	3010	410	2018	343	109	228	27	117	16	30	3.15	15.15	1.80	359	9.18
GD003	63.0	64.0	88	218	29	125	21	7	15	2	10	2	4	0.51	2.99	0.45	47	6.72
GD003	64.0	65.0	51	120	14	63	12	4	9	1	7	1	3	0.32	1.74	0.24	32	1.43
GD003	65.0	66.0	48	117	15	66	12	4	10	1	8	2	4	0.69	4.52	0.71	45	1.43
GD003	66.0	67.2	138	367	49	229	44	15	37	4	18	2	5	0.57	3.27	0.44	69	4.01
GD003	67.2	68.0	692	2330	329	1715	364	134	297	37	153	18	27	2.20	8.45	0.86	384	1.47
GD003	68.0	69.0	586	2140	303	1598	363	132	294	33	128	15	22	1.86	7.08	0.75	319	1.12
GD003	69.0	70.0	610	2070	295	1674	340	124	270	32	125	15	23	1.84	7.11	0.75	321	1.18
GD003	70.0	71.0	786	2690	376	1901	390	134	288	33	131	16	24	1.98	7.83	0.84	338	0.91
GD003	71.0	72.0	692	2320	319	1656	351	128	285	34	142	17	26	2.09	7.98	0.83	368	1.16
GD003	72.0	73.0	1395	4320	561	2566	417	130	274	30	119	14	21	1.69	6.30	0.63	320	1.51
GD003	73.0	74.0	680	2520	372	1668	370	125	242	28	110	13	21	1.68	6.51	0.70	288	1.40
GD003	74.0	75.0	352	1160	159	759	143	46	92	10	43	6	11	1.03	4.74	0.59	164	1.94
GD003	75.0	76.0	434	1560	225	1053	204	65	126	14	56	6	10	0.85	3.23	0.37	157	1.25
GD003	76.0	77.0	551	1835	253	1324	219	70	141	15	61	7	12	0.98	3.62	0.38	179	0.86
GD003	77.0	78.0	563	2030	290	1586	336	120	255	31	124	15	23	1.94	7.56	0.79	323	1.50
GD003	78.0	79.0	692	2450	337	1423	278	87	175	20	82	10	16	1.28	4.81	0.52	229	1.69
GD003	79.0	80.0	516	1880	266	1178	225	70	136	14	53	6	9	0.67	2.71	0.30	140	0.46
GD003	80.0	81.0	422	1425	197	879	150	47	91	9	36	4	8	0.74	3.60	0.50	117	0.65
GD003	81.0	82.0	739	2330	321	1359	252	80	152	17	64	7	10	0.81	3.20	0.37	157	0.46
GD003	82.0	83.0	1640	5590	741	3079	497	146	277	28	105	11	15	1.10	3.97	0.43	246	1.07
GD003	83.0	84.3	633	2230	303	1336	219	66	120	13	48	6	11	0.87	3.25	0.33	156	1.41
GD003	84.3	85.2	328	1035	143	624	104	31	65	6	25	3	5	0.40	1.51	0.18	75	3.67
GD003	85.2	86.1	2350	7660	989	3558	456	117	190	19	77	9	13	0.85	2.48	0.25	232	4.68
GD003	86.1	87.0	727	2730	376	1586	343	115	237	28	113	13	20	1.60	5.97	0.61	279	0.83
GD003	87.0	88.0	586	2140	295	1359	273	89	182	21	82	9	14	1.08	4.22	0.47	201	0.32
GD003	88.0	89.0	1045	3910	558	2484	467	153	309	36	131	15	19	1.36	4.59	0.48	295	1.11
GD003	89.0	90.0	1290	4770	655	2554	515	165	327	37	147	18	26	1.91	6.90	0.73	354	1.89
GD003	90.0	91.0	1125	4020	540	2146	314	88	159	17	70	8	13	0.99	3.56	0.40	204	2.31
GD003	91.0	92.0	821	3140	442	2012	350	108	216	24	93	10	16	1.25	4.70	0.54	241	1.90
GD003	92.0	93.0	1230	4760	674	2916	567	178	354	39	151	17	25	1.99	7.99	0.92	356	0.89
GD003	93.0	94.0	668	2570	359	1510	286	90	174	20	76	8	13	1.04	3.85	0.41	194	0.83
GD003	94.0	95.0	1195	4310	569	2274	416	128	256	27	102	12	17	1.36	4.99	0.53	250	1.53
GD003	95.0	96.0	575	1925	263	1123	164	48	88	8	33	4	7	0.52	1.94	0.22	101	0.40
GD003	96.0	97.0	1290	4300	576	2508	379	102	201	20	80	8	12	0.88	3.23	0.32	183	0.82
GD003	97.0	98.0	1020	3300	441	2000	333	94	197	21	92	11	18	1.37	5.20	0.49	230	0.67
GD003	98.0	99.0	1370	4770	647	2881	451	122	244	25	103	12	17	1.24	4.53	0.42	244	0.83
GD003	99.0	100.0	123	380	56	253	48	14	29	3	12	2	2	0.20	0.88	0.10	33	0.41
GD003	100.0	101.0	880	2810	369	1534	219	54	100	10	39	5	7	0.48	1.67	0.17	109	0.47
GD003	101.0	102.0	3030	11650	1521	6089	991	264	504	52	207	24	31	2.08	7.48	0.75	430	1.35
GD003	102.0	103.0	1360	4460	590	2403	387	103	202	22	94	11	17	1.28	4.34	0.40	238	0.64
GD003	103.0	104.0	1690	6300	870	3931	683	190	383	38	153	18	22	1.55	5.85	0.59	328	1.00
GD003	104.0	105.0	1525	4920	637	2613	390	102	190	18	72	8	12	0.99	4.45	0.53	171	2.92
GD003	105.0	106.0	962	4100	616	2624	660	203	423	45	194	24	35	2.66	10.50	1.02	439	0.83
GD003	106.0	107.0	1210	3960	541	2175	366	97	182	18	70	8	11	0.79	2.87	0.29	168	0.60
GD003	107.0	108.0	539	1985	283	1254	260	75	156	17	72	8	13	1.02	4.04	0.41	178	0.41
GD003	108.0	109.0	856	2740	367	1650	264	71	144	16	68	8	15	1.23	5.01	0.49	189	1.50
GD003	109.0	110.0	915	3080	420	1715	321	89	182	21	97	13	22	1.94	7.90	0.76	269	1.66
GD003	110.0	111.0	1480	4630	590	2222	330	79	147	14	59	7	12	1.08	4.40	0.44	157	3.25
GD003	111.0	112.0	3580	2060	1556	6147	964	232	408	37	145	18	27	2.23	8.35	0.76	333	5.20
GD003	112.0	113.0	2930	10300	1363	5529	857	214	411	37	144	16	21	1.44	5.17	0.53	298	1.79
GD003	113.0	114.0	115	354	53	260	56	16	34	4	15	2	4	0.36	1.71	0.20	45	0.16
GD003	114.0	115.0	633	2200	315	1499	286	84	169	18	73	8	12	1.03	4.24	0.45	175	0.59
GD003	115.0	116.0	563	2060	300	1295	308	94	196	22	86	9	14	1.21	5.29	0.58	205	0.83
GD003	116.0	117.0	364	1595	256	1236	350	109	236	26	105	13	19	1.53	6.19	0.60	267	1.35
GD003	117.0	118.0	973	2980	382	1505	241	63	124	12	46	5	8	0.62	2.36	0.26	120	1.59
GD003	118.0	119.3	1090	3620	479	1901	354	99	190	19	82	9	15	1.24	5.73	0.66	204	1.03
GD003	119.3	120.3	504	1575	205	836	131	34	71	7	29	4	8	0.93	5.33	0.73	103	3.31
GD003	120.3	121.3	206	596	80	337	51	14	26	3	11	2	4	0.56	3.69	0.53	46	0.98
GD003	121.3	122.0	1150	4130	575	2356	489	144	285	32	145	19	30	2.73	12.55	1.34	386	2.19
GD003	122.0	123.0	1805	6400	863	3511	680	187	371	38	140	16	21	1.56	6.60	0.71	309	1.86
GD003	123.0	124.0	1245	3810	502	1925	257	60	105	9	36	4	7	0.52	2.29	0.27	103	1.18
GD003	124.0	125.0	1090	3440	459	1767	286	74	130	13	54	6	10	0.84	3.42	0.35	143	1.23
GD003	125.0	126.0	915	3010	400	1668	264	71	134	14	58	7	11	0.90	3.50	0.35	162	1.76
GD003	126.0	127.1	1430	4920	646	2484	395	102	188	19	79	9	14	1.02	3.79	0.39	202	1.42
GD003	127.1	127.9	94	239	33	137	23	6	14	2	8	1	3	0.31	1.70	0.23	32	1.70
GD003	127.9	129.0	1465	5400	726	2834	524	139	260	26	106	12	18	1.34	5.32	0.55	258	0.83
GD003	129.0	130.0	1585	5960	824	3313	598	158	300	30	121	15	21	1.61	6.68	0.73	291	1.54
GD003	130.0	131.0	903	2950	386	1627	295	78	160	15	61	7	12	0.96	4.34	0.49	173	0.89
GD003	131.0	132.0	727	2310	305	1295	210	52	110	10	43	5	8	0.64	2.63	0.27	125	0.43
GD003	132.0	133.0	1195	4100	534	2228	413	113	236	25	104	12	19	1.51	6.21	0.66	257	0.63
GD003	133.0	134.0	950	3390	474	2018	393	111	232	21	85	10	18	1.50	6.97	0.75	246	0.67
GD003	134.0	135.0	1325	4870	662	2718	552	151	307	31	123	13	22	1.93	9.70	1.17	292	2.23
GD003	135.0	135.7	176	487	65	279	38	9	20	2	10	1	3	0.30	1.61	0.21	38	1.82
GD003	135.7	137.0	191	478	59	225	39	5	27	4	22	4	11	1.56	9.99	1.37	117	10.70
GD003	137.0	138.0	193	495	62	236	41	5	29	4	23	4	11	1.56	10.35	1.46	120	10.85
GD003	138.0	139.0	152	347	42	149	27	3	21	3	19	3	10	1.46	9.36	1.21	100	9.15
GD003	139.0	139.9	184	430	52	185	31	2	23	3	20	4	11	1.54	10.15	1.42	111	9.84
GD003	139.9	141.2	915	2920	379	1580	230	55	117	9	33	4	6	0.57	2.98	0.35	94	1.56
GD003	141.2	142.0	1315	4020	509	2000	260	58	108	9	34	4	9	0.85	3.84	0.42	107	2.76
GD003	142.0	143.0	1065	3360	424	1767	262	63	126	12	49	6	11	0.91	3.96	0.42	149	1.07
GD003	143.0	144.0	880	2740	350	1499	201	44	91	8	31	3	6	0.45	1.90	0.21	81	0.86

Hole ID	From	To	La2O3	Ce2O3	Pr2O3	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb2O3	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	U
GD003	144.0	145.0	1045	3400	451	1779	313	77	145	12	45	5	9	0.72	3.12	0.34	124	0.90
GD003	145.0	146.0	1265	4240	552	2426	429	115	233	24	94	11	19	1.57	6.92	0.73	234	1.38
GD003	146.0	147.0	1900	6250	799	3453	482	115	221	21	76	8	13	0.95	3.75	0.41	184	1.03
GD003	147.0	148.0	2080	6840	879	3791	565	139	280	29	117	13	23	1.72	6.76	0.67	282	1.53
GD003	148.0	149.0	1335	4330	568	2199	359	88	172	16	67	8	16	1.56	7.17	0.75	212	2.39
GD003	149.0	150.2	1150	3840	511	2088	365	91	183	18	70	9	16	1.48	7.21	0.75	218	1.43
GD004	0.0	1.9	200	490	69	295	44	12	28	3	16	2	5	0.59	3.35	0.45	66	1.95
GD004	1.9	3.0	844	2170	267	1051	145	37	89	10	47	7	14	1.42	6.88	0.77	180	3.58
GD004	3.0	4.0	1210	3170	377	1277	215	55	127	14	70	10	22	2.11	9.94	1.07	255	2.25
GD004	4.0	5.0	1700	4610	554	2076	329	82	181	21	96	13	26	2.50	11.80	1.32	311	8.87
GD004	5.0	6.0	2020	5210	609	2222	364	93	201	24	116	15	31	2.92	13.60	1.46	362	1.12
GD004	6.0	7.0	1385	3640	431	1680	256	65	148	16	74	10	22	2.47	14.10	1.76	255	0.66
GD004	7.0	8.0	1100	3010	365	1353	230	59	135	15	72	10	23	2.63	15.25	1.90	260	0.77
GD004	8.0	9.0	1665	4460	524	2146	314	81	181	21	99	13	27	2.52	12.40	1.40	310	1.96
GD004	9.0	10.0	1785	4760	556	2135	342	88	197	24	115	15	32	3.13	15.10	1.65	361	1.04
GD004	10.0	11.0	1640	4380	516	1971	305	78	169	19	88	11	25	2.48	12.90	1.53	283	0.78
GD004	11.0	12.0	1890	4930	573	2292	342	86	192	23	111	15	31	2.99	14.35	1.61	357	0.99
GD004	12.0	13.0	903	2200	256	1024	135	35	85	10	51	8	17	1.83	9.67	1.09	208	2.89
GD004	13.0	14.0	1020	2520	293	1158	153	41	102	13	72	11	26	2.78	15.55	1.96	295	1.49
GD004	14.0	15.5	1265	3360	389	1510	224	57	125	14	67	9	21	2.30	13.05	1.64	238	0.88
GD004	15.5	16.5	270	640	74	264	47	4	33	5	26	5	13	1.83	11.25	1.60	143	11.55
GD004	16.5	17.8	774	1980	230	924	147	38	89	12	61	10	22	2.56	14.05	1.80	236	1.16
GD004	17.8	18.5	76	164	21	79	14	4	10	1	8	1	4	0.48	2.62	0.33	43	1.10
GD004	18.5	20.0	727	1850	226	870	132	35	84	10	54	9	20	2.60	15.95	2.16	213	0.41
GD004	20.0	21.0	1230	3140	376	1633	225	56	124	15	70	10	22	2.52	13.25	1.61	255	1.26
GD004	21.0	22.0	1570	4020	466	1860	267	64	144	17	78	11	21	2.08	9.63	1.11	262	1.54
GD004	22.0	23.0	1195	2290	239	830	107	27	65	8	37	6	11	1.09	5.04	0.59	137	4.16
GD004	23.0	24.0	1560	4260	517	2234	387	101	218	26	111	15	27	2.54	11.10	1.19	333	1.17
GD004	24.0	25.0	1385	3650	435	1855	292	76	171	22	95	14	25	2.39	10.50	1.16	307	1.78
GD004	25.0	26.0	1455	3870	458	1820	301	77	164	20	92	14	25	2.46	11.25	1.29	310	1.86
GD004	26.0	27.0	1210	2950	344	1283	218	56	129	17	77	11	22	2.14	9.30	0.98	268	8.36
GD004	27.0	28.0	1245	3070	351	1400	217	56	132	18	88	15	29	2.91	12.40	1.29	338	5.37
GD004	28.0	29.0	158	437	52	201	35	6	24	3	19	4	10	1.33	8.24	1.13	90	7.72
GD004	29.0	30.0	171	419	50	185	33	4	23	3	20	4	11	1.50	9.35	1.29	107	10.65
GD004	30.0	31.0	192	461	55	206	36	4	25	4	22	4	11	1.64	10.20	1.43	123	11.80
GD004	31.0	32.0	130	322	40	150	29	3	20	3	15	3	8	1.25	7.91	1.15	83	12.50
GD004	32.0	33.0	539	1450	186	771	153	41	96	11	46	7	13	1.26	5.88	0.69	156	10.00
GD004	33.0	34.0	1385	4080	508	2181	449	129	292	34	128	16	23	1.94	8.35	0.97	325	0.84
GD004	34.0	35.0	1360	4050	511	2140	424	124	278	34	139	18	29	2.67	12.70	1.54	385	1.90
GD004	35.0	36.0	751	2480	331	1510	362	105	229	25	99	11	19	1.64	7.04	0.82	255	1.46
GD004	36.0	37.0	739	2300	304	1540	330	97	216	25	99	12	21	1.82	8.12	0.94	277	1.60
GD004	37.0	38.0	985	2820	363	1703	371	109	251	29	114	14	22	1.89	7.80	0.86	304	1.18
GD004	38.0	39.0	1655	4200	516	2298	399	103	215	24	98	12	21	1.77	7.16	0.76	290	6.53
GD004	39.0	40.0	1055	3530	475	2123	378	98	198	22	88	11	22	2.33	12.90	1.65	292	0.55
GD004	40.0	41.0	1420	4360	550	2333	383	95	192	20	76	9	16	1.52	7.74	1.01	220	0.52
GD004	41.0	42.0	1175	3850	514	2140	421	110	221	22	79	9	14	1.16	4.90	0.57	206	2.46
GD004	42.0	43.0	903	2890	377	1627	286	75	156	16	61	7	11	0.92	3.69	0.41	157	0.40
GD004	43.0	44.0	1710	5240	678	2811	444	111	228	23	85	10	16	1.26	5.33	0.62	218	0.77
GD004	44.0	45.0	457	1665	247	1271	297	89	200	23	87	10	18	1.57	7.24	0.86	236	5.24
GD004	45.0	46.0	305	937	131	581	118	32	73	7	32	5	9	0.94	4.85	0.65	116	9.80
GD004	46.0	47.0	1030	3280	435	1860	324	89	193	21	76	9	14	1.21	4.66	0.49	204	6.22
GD004	47.0	48.0	645	2120	291	1277	254	67	147	16	66	8	14	1.24	5.03	0.56	205	7.29
GD004	48.0	49.0	481	1540	214	888	185	51	113	13	53	6	10	0.87	3.53	0.38	149	2.31
GD004	49.0	50.0	352	1230	184	863	215	61	134	15	61	8	13	1.15	4.85	0.55	185	3.45
GD004	50.0	51.0	856	2820	391	1785	429	124	284	32	124	16	24	2.12	9.16	1.04	333	1.11
GD004	51.0	52.0	715	2400	349	1645	354	120	257	30	122	15	26	2.39	10.65	1.15	354	1.75
GD004	52.0	53.0	774	2610	384	1936	402	131	280	29	109	13	22	1.82	8.27	0.89	305	1.56
GD004	53.0	54.0	493	1665	249	1131	248	81	171	19	79	9	16	1.38	6.15	0.68	227	1.25
GD004	54.0	55.0	1115	3870	547	2426	443	137	281	31	125	16	27	2.34	11.10	1.33	358	2.46
GD004	55.0	56.0	328	1545	257	1231	351	124	275	32	133	17	29	2.57	11.95	1.33	382	0.32
GD004	56.0	57.0	1290	4590	648	2858	502	151	299	34	127	14	22	1.77	7.87	0.84	319	1.23
GD004	57.0	58.0	809	3020	451	2047	428	137	289	31	120	14	25	2.34	11.85	1.40	329	1.29
GD004	58.0	59.0	1125	4090	586	2799	486	153	322	35	128	14	22	1.69	7.32	0.80	315	0.55
GD004	59.0	60.0	962	3420	499	2292	420	128	259	27	96	10	16	1.24	5.32	0.57	242	0.40
GD004	60.0	61.0	1925	6830	954	4292	721	208	403	38	127	12	16	1.09	4.43	0.51	283	1.15
GD004	61.0	62.0	352	1145	162	652	97	26	51	5	18	2	4	0.47	3.35	0.41	66	0.84
GD004	62.0	63.0	551	1810	253	1051	168	45	92	9	38	5	12	1.37	8.12	1.01	167	1.58
GD004	63.0	64.0	422	1610	248	1138	252	82	171	19	77	10	18	1.92	10.95	1.34	246	1.09
GD004	64.0	65.0	118	436	80	441	138	50	118	14	63	9	20	2.22	13.50	1.69	246	1.93
GD004	65.0	66.0	236	937	149	732	192	67	138	14	58	7	12	1.09	5.57	0.64	174	0.29
GD004	66.0	67.0	680	2370	338	1604	297	91	188	20	78	9	16	1.37	5.88	0.59	227	0.89
GD004	67.0	68.0	680	2200	304	1341	227	69	140	14	58	7	14	1.17	4.71	0.44	192	1.88
GD004	68.0	69.0	633	2130	303	1347	260	82	169	16	62	8	13	1.05	4.65	0.49	180	0.93
GD004	69.0	70.0	229	748	109	456	83	25	51	5	18	2	4	0.30	1.37	0.14	51	0.27
GD004	70.0	71.0	2320	8050	1110	4467	710	194	350	33	109	11	16	1.05	3.63	0.35	242	0.84
GD004	71.0	72.0	575	1975	283	1231	268	85	174	18	64	8	13	1.07	4.81	0.51	179	0.75
GD004	72.0	73.0	1420	4970	683	2998	546	162	308	30	112	12	19	1.33	5.03	0.52	265	1.15
GD004	73.0	74.0	973	3100	432	1866	310	90	170	15	55	6	9	0.60	2.19	0.24	141	0.53
GD004	74.0	75.0	281	1170	186	886	226	75	156	16	62	8	13	1.11	4.85	0.50	179	0.24
GD004	75.0	76.0	1265	3990	531	2193	332	93	181	17	60	7	12	0.81	2.87	0.27	173	1.29
GD004	76.0	77.0	856	2550	346	1423	216	60	118	10	39	5	7	0.53	2.00	0.20	107	0.68
GD004	77.0	78.0	1265	3900	536	2222	393	117	231	22	78	8	11	0.80	3.04	0.32	180	0.36
GD004	78.0	79.0	1690	4840	624	2589	380	108	209	19	65	7	12	0.81	2.95	0.28	171	0.50
GD004	79.0	80.0	1210	3990	541	2426	407	122	236	23	82	8	12	0.86	3.18	0.31	191	0.36
GD004	80.0	81.0	668	2110	300	1277	206	62	124	11	39	4	7	0.47	1.76	0.18	100	0.33
GD004	81.0	82.0	410	1400	205	911	191	60	124	11	40	4	7	0.54	2.29	0.22	102	0.19
GD004	82.0	83.0	1350	4560	620	2729	446	131	252	25	92	10	15	1.10	4.00	0.37	226	0.46
GD004	83.0	84.0	135	501	99	582	201	78	179	22	95	12	22	1.88	7.80	0.72	276	0.08
GD004	84.0	85.0	205	777	128	632	182	68	149	18	75	9	17	1.46	6.35	0.64	224	0.12
GD004	85.0	86.0	903	2900	404	1849	276	79	170	15	54	6	9	0.67	2.77	0.30	138	0.29
GD004	86.0	87.0	610	1905	264	1088	172	48	108	10	38	4	7	0.47	1.94	0.22	99	0.17
GD004	87.0	88.0	2180	7680	1065	4351	702	197	408	40	146	14	22	1.50	6.09	0.65	317	0.48
GD004	88.0	89.0	1445	4580	631	2648	412	114	242	24	89	9	13	0.93	3.31	0.33	208	0.67
GD004	89.0	90.0	762	2410	335	1359	225	63	136	12	48	6	10	0.77	3.05	0.30	137	0.40
GD004	90.0	91.0	927	2660	350	1446	205	58	121	10	39	4	8	0.52	2.03	0.20	108	0.42
GD004	91.0	92.0	1550	4600	604	2426	359	96	189	16	60	7	11	0.76	2.58	0.24	166	0.64
GD004	92.0	93.0	997	3020	410	1744	295	84	178	16	57	6	10	0.71	2.72	0.28	150	0.34
GD004	93.0	94.0	1665	5320	731	2881	516	149	318	32	117	12	19	1.32	4.92	0.47	255	1.17
GD004	94.0	95.0	844	2720	379	1458	285	85	177	17	60	6	11	0.73	2.80	0.27	155	0.50
GD004	95.0	96.0	1100	3670	507	2333	387	115	247	24	93	10	16	1.16	4.85	0.36	219	3.24
GD004	96.0	97.0	2560	8270	1155	4794	795	232	447	43	162	16	25	1.68	6.18	0.60	357	1.46
GD004	97.0	98.0	692	2310	325	1382	244	71	151	13	51	5	9	0.64	2.52	0.25	130	0.65
GD004	98.0	99.0	962	3270	455	1983	344	101	212	21	86	9	16	1.24	4.67	0.42	223	1.71
GD004	99.0	100.0	833	2940	424	1936	394	131	284	32	132	15	26	1.98	7.32	0.65	330	3.37
GD004	100.0	101.0	715	2520	378	1866	402	136	296	33	133	14	24	1.74	6.51	0.57	312	2.67
GD004	101.0	102.0	1195	4280	614	2391	523	161	328	34	130	13	20	1.42	5.58	0.53	292	0.74
GD004	102.0	103.0	786	2470	332	1475	210	59	122	12	48	6	10	0.83	3.52	0.36	147	0.73
GD004	103.0	104.0	434	1735	275	1446	349	121	259	27	111	12	22	1.94	9.54	1.06	288	0.50
GD004	104.0	105.0	375	1200	173	758	134	39	87	7	27	3	5	0.40	2.19	0.28	70	1.16
GD004	105.0	106.0	715	2400	342	1493	291	90	184	18	63	7	13	1.17	6.23	0.76	174	0.59
GD004	106.0	107.0	1115	3820	545	2140	409	121	240	24	96	11	25	2.88	19.00	2.58	325	2.28
GD004	107.0	108.0	950	3140	432	1761	288	81	164	17	68	9	18	1.76	9.66	1.12	230	0.97
GD004	108.0	109.0	1910	6010	791	3068	390	101	193	18	67	8	14	1.16	5.28	0.56	206	1.14
GD004	109.0	110.0	516	1735	249	1061	196	62	132	13	51	6	11	1.03	5.29	0.62	154	0.80
GD004	110.0	111.0	668	2170	304	1260	192	53	103	9	35	4	9	1.04	6.59	0.89	129	3.31
GD004	111.0	112.0	1875	6560	922	3779	622	175	342	35	147	18	35	3.38	18.45	2.13	425	9.68
GD004	112.0	113.0	1315	4040	534	2181	384	118	232	26	109	13	28	2.76	14.20	1.61	333	17.95
GD004	113.0	114.4	281	778	104	415	65	19	40	4	19	3	6	0.64	3.44	0.43	69	3.80
GD005	0.0	5.0	751	2800	407	1732	327	104	224	26	112	12	21	1.60	6.15	0.56	292	3.75
GD005	5.0	7.0	798	3070	453	1872	364	114	248	30	135	18	35	2.78	10.60	0.91	404	2.69
GD005	7.0	9.0	1045	3700	541	2158	357	107	221	25	107	12	23	1.80	6.66	0.56	305	5.19
GD005	9.0	11.8	1045	3400	474	1942	310	93	192	21	82	9	16	1.17	4.45	0.42	229	7.03
GD005	11.8	13.0	69	161	21	89	17	5	13	2	8	1	3	0.34	2.00	0.24	36	1.56

Hole ID	From	To	La2O3	Ce2O3	Pr2O3	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb2O3	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	U
GD005	13.0	14.0	61	142	18	77	14	4	10	1	6	1	2	0.25	1.44	0.18	27	0.83
GD005	14.0	17.0	42	92	12	50	10	3	8	1	5	1	2	0.24	1.37	0.19	24	0.78
GD005	17.0	18.0	45	99	12	54	11	3	8	1	5	1	2	0.24	1.44	0.19	25	0.81
GD005	18.0	19.0	45	97	12	52	10	3	8	1	5	1	2	0.24	1.47	0.18	25	0.85
GD005	19.0	19.8	52	122	16	72	15	5	11	1	7	1	2	0.27	1.53	0.20	28	0.87
GD005	19.8	21.0	1315	5250	751	3289	649	191	392	41	167	19	29	2.04	7.71	0.72	375	0.57
GD005	21.0	22.0	184	642	102	499	113	38	94	11	46	6	11	0.80	3.35	0.33	138	0.19
GD005	22.0	23.0	645	2240	332	1318	273	81	167	19	83	10	17	1.25	4.40	0.37	238	0.41
GD005	23.0	24.0	1020	3620	510	2403	501	157	334	39	173	20	32	2.27	7.90	0.72	405	2.24
GD005	24.0	25.0	762	2930	438	2304	530	174	372	42	173	19	31	2.31	9.29	0.91	395	2.05
GD005	25.0	26.0	938	3300	466	1995	427	132	272	30	123	12	20	1.50	6.00	0.57	278	0.33
GD005	26.0	27.0	1140	4020	556	2228	431	128	258	26	98	10	14	0.97	3.67	0.37	216	0.54
GD005	27.0	28.0	1045	3160	414	1610	273	73	144	13	57	7	12	0.86	3.03	0.28	171	0.58
GD005	28.0	29.0	1030	3220	427	1773	276	73	142	13	54	6	10	0.68	2.47	0.24	140	0.74
GD005	29.0	30.0	516	1580	212	851	116	31	60	6	23	3	4	0.30	1.19	0.12	64	0.34
GD005	30.0	31.0	692	2120	294	1116	175	44	89	8	33	4	6	0.46	1.83	0.19	87	0.57
GD005	31.0	32.0	551	2040	310	1248	312	99	214	26	109	12	21	1.58	6.07	0.55	278	0.86
GD005	32.0	33.0	133	433	69	337	70	23	51	6	23	3	5	0.40	1.89	0.21	64	0.79
GD005	33.0	34.0	434	1530	226	980	177	49	98	9	38	4	8	0.66	2.81	0.28	118	1.54
GD005	34.0	35.0	915	3210	449	1942	351	97	186	17	66	7	13	1.03	4.50	0.47	190	3.16
GD005	35.0	36.0	422	1440	207	882	139	39	84	8	37	4	8	0.61	2.21	0.22	109	0.79
GD005	36.0	37.0	692	2310	324	1248	210	58	111	10	42	5	8	0.56	2.12	0.21	121	0.44
GD005	37.0	38.0	657	2200	308	1283	256	77	159	16	62	7	11	0.78	2.92	0.29	168	0.39
GD005	38.0	39.0	915	3010	410	1674	368	118	244	27	110	11	19	1.32	4.93	0.45	273	0.40
GD005	39.0	40.0	1395	4640	630	2473	459	129	267	28	114	12	19	1.26	4.36	0.40	255	0.74
GD005	40.0	41.0	305	998	145	647	125	38	86	9	36	4	7	0.53	2.00	0.21	100	0.21
GD005	41.0	42.0	762	2590	377	1639	406	128	262	29	114	12	21	1.60	6.26	0.58	288	0.40
GD005	42.0	43.0	1350	4660	648	2811	600	184	358	39	154	16	26	1.92	7.24	0.62	353	0.42
GD005	43.0	44.0	2050	6840	916	3639	609	165	316	32	126	13	19	1.21	4.09	0.37	282	0.92
GD005	44.0	45.0	1010	3630	511	2216	477	142	290	31	121	12	18	1.23	4.49	0.42	257	0.60
GD005	45.0	46.0	323	1110	186	969	269	93	207	26	112	13	23	1.84	7.45	0.73	309	0.57
GD005	46.0	47.0	539	2510	410	1936	548	178	368	40	160	17	27	1.92	7.38	0.66	367	0.74
GD005	47.0	48.0	53	186	33	178	50	18	43	6	31	5	11	1.13	5.39	0.55	135	3.57
GD005	48.0	49.0	375	1510	239	1143	270	88	195	25	120	15	30	2.67	12.05	1.12	380	0.75
GD005	49.0	50.0	1370	4320	564	2239	387	99	225	20	86	10	18	1.28	4.57	0.41	250	0.84
GD005	50.0	51.0	1265	3800	485	1989	270	65	136	11	50	6	11	0.83	3.10	0.29	157	1.23
GD005	51.0	52.0	1640	5740	776	3173	466	113	227	18	76	9	17	1.28	4.45	0.38	238	1.70
GD005	52.0	53.0	340	1235	179	847	161	46	118	11	43	5	8	0.66	2.64	0.26	122	0.49
GD005	53.0	54.0	469	1810	266	1154	249	74	169	16	67	8	14	1.06	3.99	0.37	199	0.50
GD005	54.0	55.0	985	3550	486	1936	373	97	214	21	82	9	17	1.28	4.63	0.42	243	0.94
GD005	55.0	56.0	880	3070	420	1610	275	71	155	14	63	8	15	1.20	4.12	0.36	204	1.09
GD005	56.0	57.0	1265	4740	642	2566	398	103	209	19	82	10	19	1.49	5.19	0.45	257	1.31
GD005	57.0	58.0	563	2000	275	1162	186	50	119	11	49	6	11	0.95	3.89	0.38	156	0.57
GD005	58.0	59.0	14	47	6	29	6	2	4	1	3	0	1	0.11	0.58	0.07	12	0.09
GD005	59.0	60.0	985	3490	469	1884	296	72	152	13	55	7	12	0.84	2.96	0.25	171	0.76
GD005	60.0	61.0	2170	7910	1060	4222	623	148	284	25	92	10	18	1.36	4.53	0.41	263	1.83
GD005	61.0	62.0	1115	4090	570	2368	397	98	197	16	61	7	11	0.84	2.96	0.30	178	0.83
GD005	62.0	63.0	774	2610	362	1487	215	49	107	9	38	4	8	0.67	2.77	0.31	113	0.76
GD005	63.0	64.0	891	3300	456	1709	361	103	218	24	112	13	27	2.60	11.95	1.20	361	7.95
GD005	64.0	65.0	1045	3750	525	2158	380	103	216	19	81	10	19	1.69	7.38	0.76	254	1.62
GD005	65.0	66.0	2300	8050	1080	4234	566	124	222	15	57	7	13	1.18	4.90	0.51	173	4.20
GD005	66.0	67.0	1150	4110	552	2239	326	78	156	12	53	6	13	1.18	4.89	0.49	170	1.12
GD005	67.0	68.0	1560	6060	839	3289	561	143	294	28	117	13	26	2.21	8.75	0.82	326	1.38
GD005	68.0	69.0	516	2080	305	1242	181	44	91	8	31	3	6	0.52	2.20	0.23	90	1.02
GD005	69.0	70.0	2120	7450	982	3814	528	125	229	18	74	9	18	1.48	5.96	0.58	230	1.15
GD005	70.0	71.0	1045	3410	459	1808	283	74	150	13	57	7	13	1.12	4.25	0.40	184	0.77
GD005	71.0	72.0	1370	4720	631	2508	383	93	180	15	60	7	15	1.22	4.57	0.42	203	1.38
GD005	72.0	73.0	1655	5630	762	2799	485	124	247	22	95	12	24	2.03	8.28	0.76	306	1.36
GD005	73.0	74.5	1490	4930	655	2508	385	94	189	15	64	7	13	1.03	3.75	0.36	185	1.40
GD005	74.5	75.6	86	233	31	139	27	8	17	2	10	1	4	0.53	3.14	0.40	42	1.55
GD005	75.6	77.0	833	2820	380	1493	232	58	128	11	48	6	12	0.99	3.76	0.35	157	0.72
GD005	77.0	78.0	1655	5750	761	3103	481	122	243	21	92	11	22	1.85	6.91	0.62	287	0.91
GD005	78.0	79.0	1385	4900	662	2659	395	94	184	14	60	7	14	1.22	4.76	0.47	189	0.58
GD005	79.0	80.0	1370	4880	652	2438	351	81	154	12	47	5	10	0.85	3.20	0.31	141	0.47
GD005	80.0	81.0	891	3290	470	1761	340	92	196	18	77	9	17	1.29	4.76	0.45	234	0.43
GD005	81.0	82.1	586	2350	342	1557	343	98	218	20	88	11	20	1.74	7.55	0.78	259	0.60
GD005	82.1	83.0	95	227	29	122	22	6	15	2	9	1	4	0.43	2.55	0.33	38	1.46
GD005	83.0	84.0	70	161	20	87	17	5	12	1	8	1	3	0.41	2.41	0.30	38	1.10
GD005	84.0	84.9	156	394	57	245	47	14	33	4	18	3	6	0.62	3.37	0.40	71	1.55
GD005	84.9	86.0	657	2310	329	1371	242	68	144	15	66	9	18	1.48	5.67	0.44	220	0.77
GD005	86.0	87.0	915	3160	456	1913	319	87	176	17	72	9	15	1.13	4.26	0.37	209	0.77
GD005	87.0	88.0	762	2350	329	1516	174	43	94	8	32	4	7	0.57	2.39	0.23	89	0.81
GD005	88.0	89.3	1550	4540	610	2671	401	112	236	24	98	11	20	1.50	5.90	0.52	269	0.68

JORC Tables

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *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.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *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.*	<u>Historic Drilling</u> • Selected core chips representing different rock types from two areas within Eclipse Metals' Greenland tenement MEL2007-45. • The core chips are from diamond holes drilled historically, in about 1940, 1948 and 1985. • Samples represent localised parts of the deposit and were collected for initial geological, petrological and geochemical evaluation. <u>2025 Drilling</u> • ¼ HQ diameter core used as primary sample • ½ HQ core samples were collected in addition to the ¼ core sample at a ratio of 1 in 20 for representivity check and duplicate QAQC purposes. • Sample intervals averaged 1.02m in length • Sample weights average 1.5kg. • Samples were obtained over the full length of the hole and are considered to be representative of the deposit
Drilling techniques	• *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).*	• Conventional HQ diamond drilling.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.*	<u>Historic Drilling</u> • All samples are from holes diamond drilled

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.*	in about 1940, 1945 and 1985. • Records of procedures and recoveries not available presently. • Full core is yet to be re-logged and sampled under controlled conditions. <u>2025 Drilling</u> • Standard core recovery measurements • Recovery averaged 98.2% • Due to the homogenous nature of the mineralisation, there is no bias towards intervals that fell below 100% recovery
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 samples have been logged geologically and recorded as a guide for future field work and exploration planning. • Sample-logging is only qualitative in nature.
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.*	<u>Historic Drilling</u> • There are small sections of half-core samples sawn in about 1940, 1948 and 1985. • The samples are not representative of whole mineralisation. • Quality control procedures are not applicable for the historical core samples. <u>2025 Drilling</u> • ¼ HQ diameter core used as primary sample • One in 20 samples sampled as ½ HQ core for representivity check and duplicate QAQC • Sample weights average 1.5kg. • Samples were obtained over the full length of the hole and are considered to be representative of the deposit. • Due to the homogenous nature of the mineralisation there is no bias towards intervals that fell below 100% recovery

Criteria	JORC Code explanation	Commentary
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 derivation, etc.* • *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.*	<u>Laboratory</u> • Full, certified Australian laboratory procedures with QA/QC selected to be appropriate for whole rock and selected determinations, eg REE and high-level silica, strontium, fluorine and related elements. • Normal procedures for duplicates and blanks will be under the independent control of the laboratory. • Determinations will be for geochemical evaluation only.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Sampling and assaying have not been verified by an independent. • Sampling and assaying have been verified internally. • Twinned holes not relevant. • Data managed with DataShed platform. • Adjustments restricted to summation of individual REE's to TREO, LREO, HREO and MREO • Nd and Pr values that exceeded the analytical limits of the method MS61L-REE were substituted for the overlimit values obtained using method ME-MS81h.
Location of data points	• *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.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• WGS84 UTM Zone 22N coordinates are used. • Collar positions located with handheld GPS. • Government topographic survey data is used.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *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.* • *Whether sample compositing has been applied.*	• Spacing is considered to be appropriate for the size of the deposit, given the inferred classification of the MRE. • Mineralisation is disseminated and homogeneous throughout the carbonatite.

Criteria	JORC Code explanation	Commentary
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *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.*	• Mineralisation is not structurally controlled. • Direction and dip of drillholes do not influence results.
Sample security	• *The measures taken to ensure sample security.*	• Samples are to be dispatched by secure sea freight and held in high-security laboratory environment.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews have been conducted on the project.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *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.*	• MEL2007-45 tenement granted to Eclipse Metals Greenland (a wholly owned subsidiary of Eclipse Metals Ltd) by the Greenland Minister of Finance, Industry and Minerals Resources, as announced to the ASX on 17 February 2021.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	<u>Historic Drilling</u> • The 19,000 metres of historic diamond drill cores are stored in a government facility. • Data and results from exploration conducted by other parties have been reported on previously. • Historical results have been used to prepare preliminary exploration models for planning future activities.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The deposit type is a mid-Proterozoic nepheline syenite and carbonatite intrusion into Archean

Criteria	JORC Code explanation	Commentary
		crystalline basement.
Drill hole Information	• *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:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *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.*	• All available information is tabulated within the body of report.
Data aggregation methods	• *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.* • *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.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Significant intervals are length-weighted averages
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *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').*	• Mineralisation is not structurally controlled. • Direction and dip of drillholes do not influence results.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Refer to the body of the report.
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.*	• All analyses reported as received.
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.*	• All exploration data reported as appropriate.