

ASX: RAU
TSXV: RSM
OTCQB: RSGOF

TSXV Release
16 March 2025

ASX Release
17 March 2025

Continuous High-Grade Titanium and Rare Earths Mineralisation Results from Tiros Central Drilling Campaign

Resouro Strategic Metals Inc. ([ASX: RAU](#); [TSX-V: RSM](#); [FSE: 8TX](#); [OTCQB: RSGOF](#)) ("**Resouro**" or the "**Company**") is pleased to announce the remaining results from the infill drilling campaign undertaken at its Tiros Titanium and Rare Earth Elements Project in Minas Gerais, Brazil ("**Tiros Project**" or "**Tiros**" or "**Project**").

Highlights

- Results for the remaining 32 infill and step-out diamond drill holes from the Tiros Central Project demonstrate significant mineralization of titanium and rare earth elements in all holes.
- 72% of holes contain high-grade mineralisation defined using a cut-off grade of 6,000ppm Total Rare Earth Oxide ("**TREO**") and/or 16% for Titanium Dioxide ("**TiO₂**").
- A total of 1,891m drilled with the following selective significant intervals:
 - 54m at 13.04% TiO₂ and 3,593ppm TREO from surface down hole in FDTIR-49:
 - **Including 3m at 26.05% TiO₂ and 7,936ppm TREO from 5m.**
 - 50m at 12.80% TiO₂ and 4,491ppm TREO from 17m down hole in FDTIR-50:
 - **Including 6m at 25.34% TiO₂ and 10,036ppm TREO from 23m.**
- The region selected for this campaign is confirmed as highly prospective, due to the elevated grades and the thin cover of overburden.
- The Company is now in the process of finalising the mineral resource estimate update for the Tiros Central Block based on the new drill assay information.

The infill and step-out campaign, developed after the publication of the Mineral Resource Estimation (“**MRE**”) in July 2024 (*refer ASX announcement 18 July 2024/TSXV 17 July 2024*), consisted of 46 drill holes for 2,922m at the Central Block at Tiros. The results for 14 holes have been previously published while this announcement refers to a batch of 32 holes, for 1,891m drilled.

The selection of notable intervals is made using cut-off grades of 1,000ppm for TREO and 6% for TiO₂ while the high-grade zone is defined using a cut-off grade of 6,000ppm for TREO and/or 16% for TiO₂.

Table 1 below lists the intervals with the above cut-off grade criteria with significant titanium and rare earths mineralization in all drill holes. The high-grade zone is identified in 23 drill holes, or 72% of the holes being reported. This proportion is higher than the anticipated ratio of occurrence indicating that the region selected for the infill and step-out drilling is a highly prospective region.

Table 1: Significant Assay intervals from Drill Holes, Tiros Central

HOLE ID	FROM	TO	THICKNESS	TiO ₂ %	NdPr ppm	TREO ppm
FDTIR-49	0	54	54	13.04	673	3,593
Including	5	8	3	26.05	640	7,936
FDTIR-50	17	67	50	12.80	1,032	4,491
Including	23	29	6	25.34	2,358	10,036
FDTIR-51	3	50	47	11.84	993	4,260
Including	7	11	4	25.29	1,872	9,517
FDTIR-52	3	53	50	10.76	882	3,778
Including	6	11	5	21.03	1,831	7,991
FDTIR-53	2	55	53	10.75	789	3,461
Including	11	13	2	19.72	2,131	7,958
FDTIR-54	0	24	24	11.87	1,116	4,386
FDTIR-55	6	51	45	13.24	1,294	5,379
Including	11	15	4	20.60	2,969	11,190
FDTIR-56	0	32	32	11.56	874	3,754
FDTIR-57	17	64	47	14.62	933	4,402
Including	23	28	5	22.70	1,623	8,284
FDTIR-58	7	59	52	12.32	910	4,020
Including	14	17	3	27.10	2,228	11,103
FDTIR-59	0	37	37	12.43	836	3,710
Including	2	3	1	18.77	1,119	6,323
FDTIR-60	45	90	45	11.28	898	3,922
Including	50	55	5	19.25	1,729	7,383
Including	84	86	2	20.54	1,076	4,815

HOLE ID	FROM	TO	THICKNESS	TiO ₂ %	NdPr ppm	TREO ppm
FDTIR-61	0	34	34	12.71	993	4,186
FDTIR-62	13	66	53	10.93	887	3,847
Including	18	22	4	27.62	1,829	8,837
FDTIR-63	12	65	53	10.48	836	3,541
Including	16	20	4	17.91	1,606	7,029
FDTIR-64	0	38	38	11.28	700	3,280
FDTIR-65	1	33	32	11.60	859	3,943
FDTIR-66	2	44.4	42.4	12.38	1,080	4,674
Including	5	9	4	23.90	1,985	9,026
FDTIR-67	7	47	40	10.34	828	3,597
FDTIR-68	18	51	33	11.89	973	4,658
Including	26	30	4	25.73	2,151	9,770
Including	35	36	1	10.13	1,357	12,380
FDTIR-69	39	74	35	12.45	968	4,116
Including	61	69	8	19.29	1,243	5,314
FDTIR-70	7	52	45	15.96	991	4,636
Including	11	21	10	21.97	1,262	6,216
FDTIR-71	41	50	9	17.09	1,265	4,621
FDTIR-72	11	53	42	11.41	1,101	4,375
Including	16	21	5	18.05	2,673	9,814
FDTIR-73	30	85	55	11.43	815	3,535
Including	39	43	4	23.59	2,038	8,223
FDTIR-74	14	66	52	12.13	915	4,242
Including	24	29	5	24.63	2,011	9,177
FDTIR-75	48	63	15	14.93	1,286	5,383
Including	51	56	5	23.65	2,387	9,607
FDTIR-76	6	39	33	15.27	695	3,892
Including	9	14	5	22.09	635	6,321
FDTIR-77	16	31	15	15.82	853	4,184
FDTIR-77	36	41	5	10.02	326	2,142
Including	21	25	4	24.91	1,770	7,678
FDTIR-78	0	37	37	14.05	657	3,537
Including	17	22	5	24.01	1,737	7,649
FDTIR-79	15	46	31	11.05	684	3,442

Commenting on the results of the latest assays from the infill and step-out drilling, Resouro's CEO, Alistair Stephens, said:

"We continue to see world-class assay results from near-surface at the Tiros Central Project. These results will be used for a review of the mineral resource estimate that we anticipate will be published in the near term. Outcomes of metallurgical test works that are also very close to finalisation."

Figure 1, below, is a map of the Tiros Central block, indicating the holes used in the current MRE, in red, and the infill and step-out drilling campaign, in blue. Two valleys in the northern part of this block were selected for this campaign, due to their thin overburden and high grades of TiO_2 and TREO. Much of this area was not included in the MRE reported in July 2024.

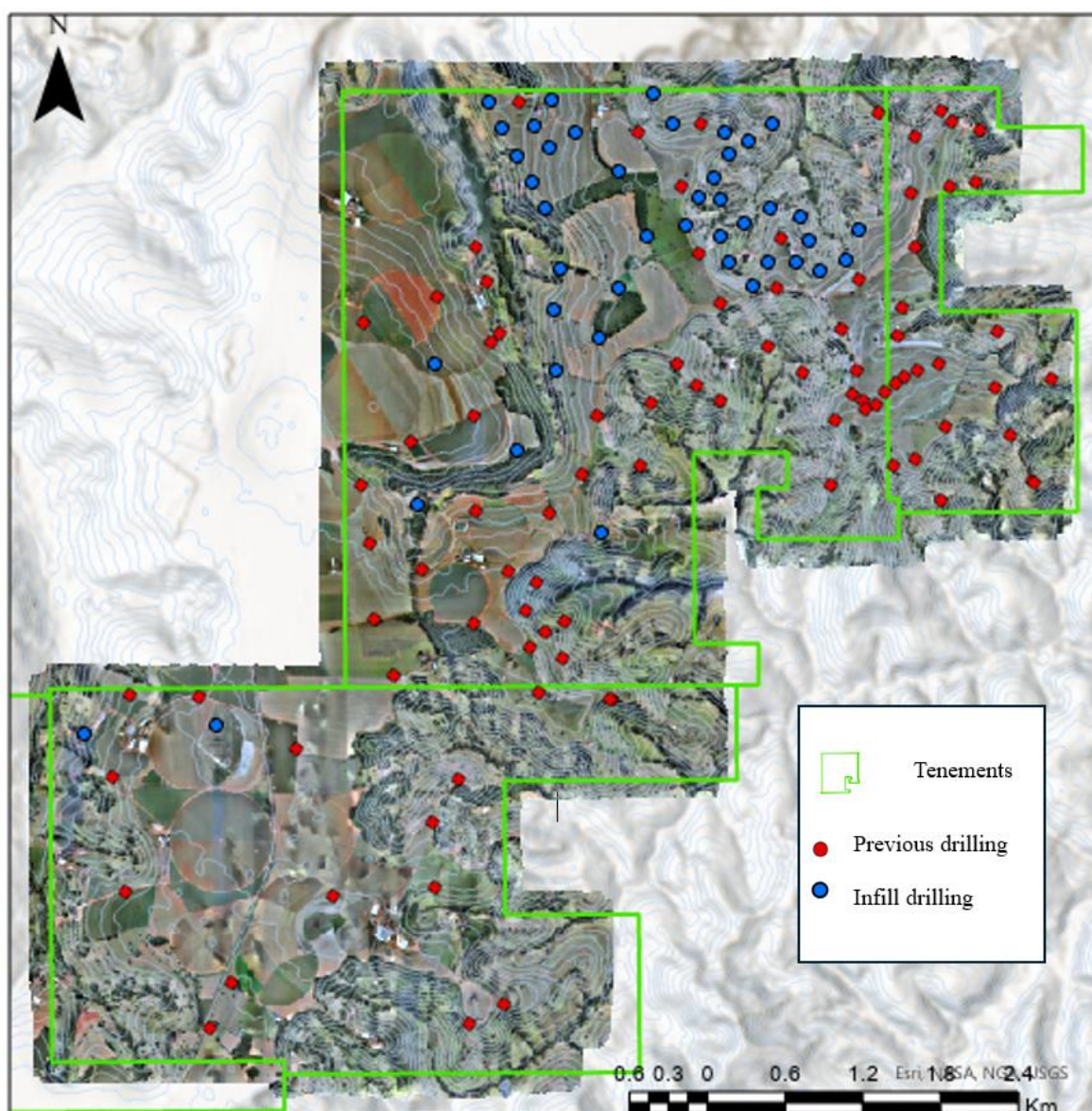


Figure 1: Map of the drilling grid at the Tiros Central Block of 250 hectares

Figure 2 an East-West cross section, looking south, displays topography of six drill holes, along with assay intervals for TiO₂ and TREO grades. The vertical axis of this figure is exaggerated by a factor of three. This clearly demonstrates that the horizon of high-grade mineralisation (red lines) occurs in the upper part of the mineralized layer.

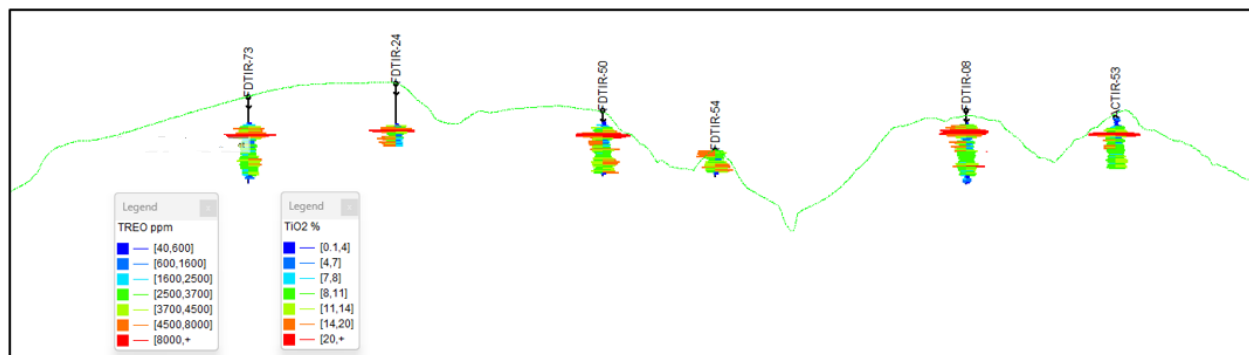


Figure 2: Vertical Section E-W with a vertical exaggeration factor of 3 times

The drilling reported is located in a valley primarily used for cattle grazing, with a high-capacity 350 kV power line visible in the foreground of Figure 3. The location is well served by roads and water.



Figure 3: View to north, at North of the Tiros Central block with high voltage power line in the foreground

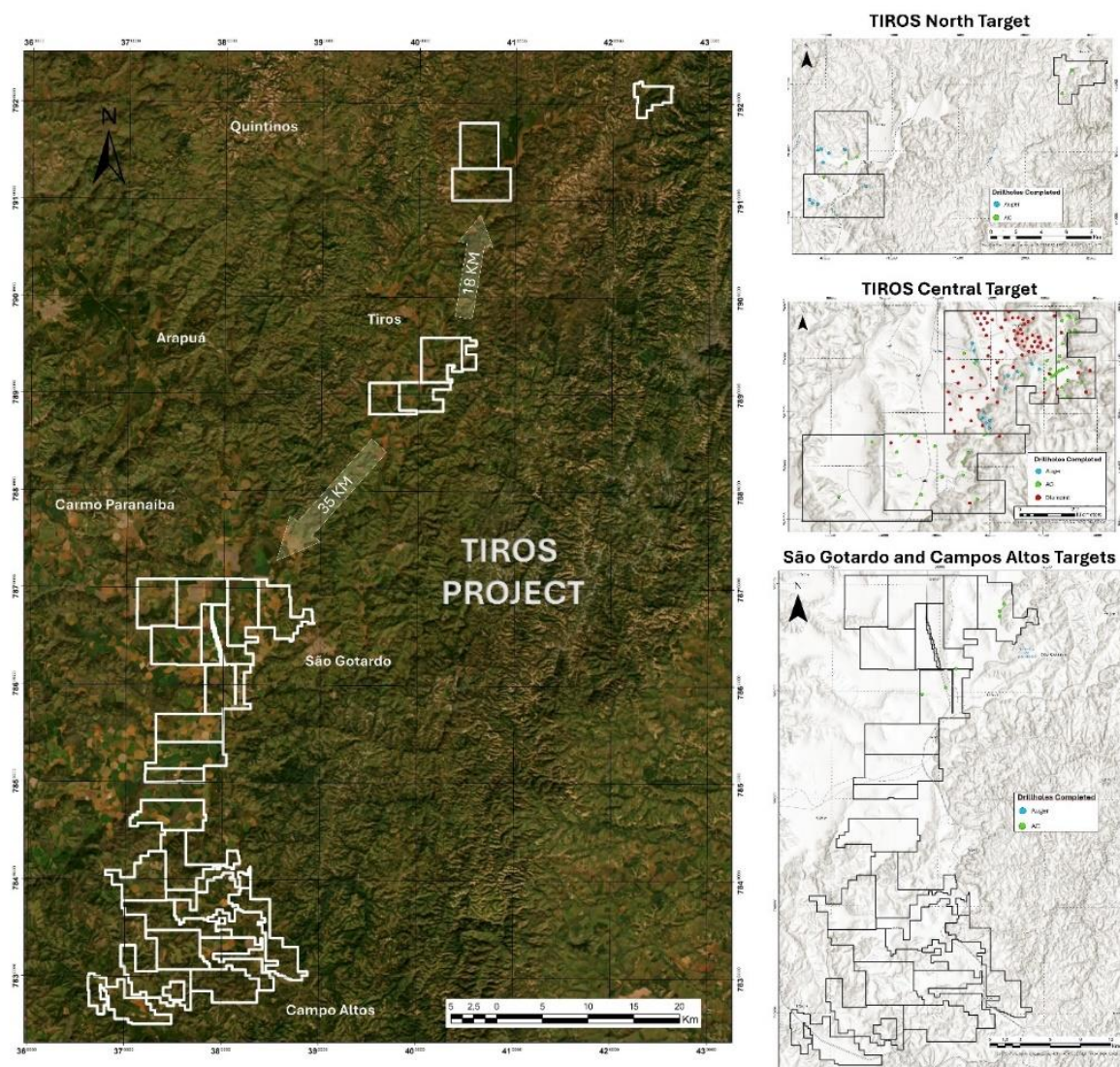


Figure 4. Resouro's mineral right holding at Tiros North, Tiros Central, Sao Gotardo and Campos Altos

NEXT STEPS

The finalisation of these drill hole assays will support a review of the MRE which the Company looks forward to publishing in the near term. The Company is on track to announce outcomes of metallurgical test works and commencement of a scoping study in the next quarter.

This announcement has been authorized for release by the Board of Directors.

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About the Company

Resouro is a Canadian incorporated mineral exploration and development company, listed on the ASX, TSXV, OTC and FSE, focused on the discovery and advancement of economic mineral projects in Brazil, including the Tiros Titanium-Rare Earths Project and the Novo Mundo Gold Project. The Tiros project has 28 mineral concessions totalling 497 km² located in the state of Minas Gerais, one of the best infrastructurally developed states of Brazil, 350 km from the state capital of Belo Horizonte. Resouro's Mineral Resource Estimate for the Tiros Project is 1.7 billion tonnes of Inferred, Indicated and Measured Resources (*refer ASX release ASX:RAU dated 18th July 2024*).

Domain	Category	TONNES (t)	TiO ₂ (%)	TREO (ppm)	MREO (ppm)
HG High Grade	Inferred	42,000,000	23	8,700	2,200
	Indicated	55,700,000	23	9,030	2,380
	Measured	20,800,000	24	9,320	2,530
	Sum	120,000,000	23	9,000	2,400
MG Medium Grade	Inferred	620,000,000	11	3,500	950
	Indicated	704,000,000	11	3,650	1,020
	Measured	224,000,000	11	3,570	997
	Sum	1,500,000,000	11	3,500	930
Totals		1,700,000,000	12	3,900	1,100

Note: Further details of the Company's Maiden JORC MRE are contained within the Company's announcement of 18 July, 2024. Resouro is not aware of any new information or data that materially affects the information included in the Company's announcement of 18 July 2024 and that all material assumptions and technical parameters underpinning the estimates referred to therein continue to apply and have not materially changed.

Resouro Strategic Metals Inc., capital structure

ASX Chess Depositary Interests	42,833,059
TSXV Common Stock	49,756,990
Total on Issue	92,590,049
<i>Shares held in Escrow included in Total on Issue</i>	<i>10,979,257</i>
Options issued under the Company Plan	12,495,000
Options issued to Brokers	1,843,643
Warrants issued to Brokers	600,616
Performance Rights	750,000
Fully Diluted Securities	108,279,308

Competent Person Statement

The information in this report related to drilling at Tiros is based on information compiled by Mr Rodrigo Mello, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM 209332). Mr Mello is a consultant for Resouro Strategic Metals Inc. and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify him as Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Mello has a financial interest in the project, both as the owner of a minority stake (10% free carried interest) and as a minor shareholder of Resouro. Mr Mello consents to include this information in the report of the matters based on his information in the form and context in which it appears.

Forward-Looking Information

This news release contains certain "forward-looking information" within the meaning of applicable securities law. Forward-looking information is frequently characterized by words such as "plan", "expect", "project", "intend", "believe", "anticipate", "estimate" and other similar words, or statements that certain events or conditions "may" or "will" occur. Although we believe that the expectations reflected in the forward-looking information are reasonable, there can be no assurance that such expectations will prove to be correct. We cannot guarantee future results, performance or achievements. Consequently, there is no representation that the actual results achieved will be the same, in whole or in part, as those set out in the forward-looking information.

Forward-looking information is based on the opinions and estimates of management at the date the statements are made and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those anticipated in the forward-looking information. Some of the risks and other factors that could cause the results to differ materially from those expressed in the forward-looking information include, but are not limited to: general economic conditions in Canada and globally; industry conditions, including governmental regulation and environmental regulation; failure to obtain industry partner and other third party consents and approvals, if and when required; the need to obtain required approvals from regulatory authorities; stock market volatility; liabilities inherent in the mining industry; competition for, among other things, skilled personnel and supplies; incorrect assessments of the value of acquisitions; geological, technical, processing and transportation problems; changes in tax laws and incentive programs; failure to realize the anticipated benefits of acquisitions and dispositions; and the other factors. Readers are cautioned that this list of risk factors should not be construed as exhaustive.

The forward-looking information contained in this news release is expressly qualified by this cautionary statement. We undertake no duty to update any of the forward-looking information to conform such information to actual results or to changes in our expectations except as otherwise required by applicable securities legislation. Readers are cautioned not to place undue reliance on forward-looking information.

Neither the ASX, OTC, TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Appendix 1 Drill Collar Locations

HoleID	X	Y	Z	EOH
FDTIR-46	404,244	7,894,737	1,040	67.0
FDTIR-49	398,265	7,890,864	1,032	59.8
FDTIR-50	403,203	7,895,500	1,044	70.2
FDTIR-51	403,239	7,895,331	1,027	59.6
FDTIR-52	403,114	7,895,135	1,029	58.2
FDTIR-53	402,807	7,895,560	1,033	62.7
FDTIR-54	403,568	7,895,558	1,002	28.9
FDTIR-55	402,648	7,895,800	1,028	55.0
FDTIR-56	403,174	7,894,972	1,008	38.9
FDTIR-57	403,006	7,894,998	1,041	71.7
FDTIR-58	403,175	7,894,698	1,034	66.0
FDTIR-59	403,350	7,894,798	1,012	41.9
FDTIR-60	402,911	7,894,772	1,071	101.7
FDTIR-61	403,554	7,894,917	1,007	37.2
FDTIR-62	403,751	7,894,489	1,040	71.8
FDTIR-63	403,533	7,894,499	1,038	71.2
FDTIR-64	403,854	7,894,655	1,012	40.9
FDTIR-65	403,786	7,894,845	1,010	37.8
FDTIR-66	403,944	7,894,434	1,025	50.4
FDTIR-67	403,244	7,894,496	1,022	52.5
FDTIR-68	403,421	7,894,313	1,047	77.7
FDTIR-69	404,138	7,894,518	1,049	77.0
FDTIR-70	401,821	7,894,906	1,030	60.8
FDTIR-71	401,722	7,895,114	1,031	59.8
FDTIR-72	401,745	7,895,540	1,029	59.8
FDTIR-73	402,049	7,895,491	1,059	92.8
FDTIR-74	401,847	7,895,368	1,042	74.8
FDTIR-75	401,870	7,895,739	1,036	66.9
FDTIR-76	401,608	7,895,317	1,016	44.3
FDTIR-77	401,491	7,895,534	1,013	43.8
FDTIR-78	401,386	7,895,732	1,010	44.0
FDTIR-79	401,616	7,895,732	1,016	46.4

Appendix 2 Drill Hole Assays

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-46	8	9	114	3	2	1	3	1	30	0	23	7	4	0	0	17	2	3.74	35	244
FDTIR-46	9	10	184	2	2	1	3	1	29	0	24	7	4	0	0	15	2	4.07	36	323
FDTIR-46	10	11	121	2	2	1	2	0	21	0	16	5	3	0	0	15	2	3.34	24	224
FDTIR-46	11	12	292	5	3	3	8	1	201	0	74	24	10	1	0	27	3	6.53	116	766
FDTIR-46	12	13	815	13	5	10	25	2	730	0	293	95	36	3	0	46	4	9.66	456	2,439
FDTIR-46	13	14	1,207	19	7	13	33	3	760	1	387	121	50	4	1	71	6	12.95	598	3,150
FDTIR-46	14	15	4,873	28	10	18	49	4	1,263	1	565	184	71	6	1	103	8	13.15	881	8,425
FDTIR-46	15	16	2,190	15	6	10	24	2	750	1	322	110	38	3	1	53	4	13.94	508	4,138
FDTIR-46	16	17	2,299	16	5	14	32	2	793	0	454	144	58	4	1	46	4	16.97	704	4,543
FDTIR-46	17	18	1,389	22	7	18	44	3	1,144	1	534	175	67	5	1	68	5	13.89	834	4,086
FDTIR-46	18	19	2,151	21	7	18	42	3	1,277	1	567	190	69	5	1	60	6	15.81	891	5,180
FDTIR-46	19	20	3,621	58	21	46	111	9	1,692	2	1,284	371	174	12	2	224	14	25.5	1,945	8,970
FDTIR-46	20	21	5,898	87	28	80	183	12	2,797	2	2,383	672	319	20	3	318	16	28.6	3,593	15,049
FDTIR-46	21	22	4,414	55	14	58	130	7	2,085	1	1,674	484	234	13	1	130	7	30.6	2,538	10,917
FDTIR-46	22	23	3,714	48	12	49	110	6	1,871	1	1,432	418	203	11	1	119	7	22.93	2,175	9,387
FDTIR-46	23	24	2,146	28	9	28	64	4	1,074	1	785	229	114	6	1	73	6	15.96	1,193	5,358
FDTIR-46	24	25	707	13	4	10	25	2	412	0	276	82	41	3	0	35	3	8.47	421	1,894
FDTIR-46	25	26	643	11	4	10	24	2	346	0	255	74	37	3	0	32	3	7.8	386	1,693
FDTIR-46	26	27	869	20	6	18	43	3	449	1	435	118	65	4	1	57	4	9.39	651	2,456
FDTIR-46	27	28	801	27	12	17	46	5	475	1	422	115	64	5	1	139	8	8.18	632	2,518
FDTIR-46	28	29	526	12	4	11	27	2	225	0	264	66	42	3	0	33	3	3.8	387	1,427
FDTIR-46	29	30	426	12	4	10	24	2	225	0	234	60	37	3	0	33	3	4.76	345	1,259
FDTIR-46	30	31	615	19	6	14	38	3	314	1	323	80	51	4	1	62	4	5.77	473	1,802
FDTIR-46	31	32	760	23	9	14	43	4	357	1	323	88	51	5	1	105	6	7.47	482	2,106
FDTIR-46	32	33	1,177	43	21	18	65	8	524	2	425	118	63	7	2	293	12	7.21	638	3,283
FDTIR-46	33	34	1,298	22	8	17	44	4	602	1	489	140	66	5	1	105	5	9.06	741	3,298
FDTIR-46	34	35	1,079	16	5	14	34	2	506	0	404	120	55	3	1	57	3	10.2	617	2,699
FDTIR-46	35	36	1,310	18	6	17	40	3	619	1	484	143	67	4	1	61	4	9.47	738	3,257
FDTIR-46	36	37	1,789	22	7	21	47	3	777	1	625	185	84	5	1	67	5	11.84	952	4,269
FDTIR-46	37	38	1,284	17	5	16	39	2	587	0	469	137	64	4	1	53	3	11.49	712	3,146
FDTIR-46	38	39	1,115	16	5	15	36	2	540	0	419	122	59	4	1	50	3	9.76	637	2,801
FDTIR-46	39	40	1,021	14	5	12	30	2	465	0	347	103	49	3	0	45	3	8.07	529	2,467
FDTIR-46	40	41	1,009	13	4	13	28	2	460	0	358	104	50	3	0	40	3	9.03	543	2,450
FDTIR-46	41	42	834	13	4	11	25	2	408	0	298	89	44	3	0	41	3	6.55	455	2,085
FDTIR-46	42	43	1,006	16	5	13	33	2	452	0	355	102	52	3	1	47	3	9.18	538	2,453
FDTIR-46	43	44	1,119	17	5	15	35	2	522	0	414	121	58	4	1	49	3	10.17	629	2,775
FDTIR-46	44	45	1,738	23	7	22	51	3	805	0	635	186	89	5	1	66	4	14.97	965	4,265
FDTIR-46	45	46	961	15	5	13	31	2	463	0	362	103	50	3	0	45	3	9.74	547	2,413
FDTIR-46	46	47	1,228	18	5	16	39	2	576	0	447	130	64	4	1	50	3	10.26	678	3,033
FDTIR-46	47	48	1,131	15	5	14	32	2	526	0	413	121	56	3	0	43	3	11.59	627	2,775
FDTIR-46	48	49	1,303	21	7	18	42	3	604	1	492	141	71	4	1	77	4	11.82	745	3,274
FDTIR-46	49	50	708	13	4	10	25	2	315	0	255	72	38	3	0	51	3	8.91	385	1,759
FDTIR-46	50	51	1,344	19	6	17	41	3	603	0	498	144	71	4	1	61	3	12.89	755	3,303
FDTIR-46	51	52	1,493	20	6	19	45	3	651	0	538	154	74	5	1	67	4	13.77	814	3,614
FDTIR-46	52	53	1,370	19	6	18	43	3	618	0	506	146	73	4	1	63	3	12.41	766	3,369
FDTIR-46	53	54	1,199	17	5	15	37	2	553	0	459	132	65	4	1	50	3	12.66	696	2,984
FDTIR-46	54	55	1,055	16	5	14	34	2	506	0	404	117	57	3	0	53	3	10.5	613	2,663
FDTIR-46	55	56	1,308	18	5	17	42	2	628	0	522	148	72	4	1	55	3	11.31	788	3,317
FDTIR-46	56	57	1,212	16	5	16	37	2	578	0	473	136	65	4	0	49	3	11.36	717	3,048
FDTIR-46	57	58	1,259	17	5	16	37	2	565	0	465	135	63	4	0	54	3	10.48	705	3,080
FDTIR-46	58	59	924	17	7	13	32	3	436	1	354	102	52	4	1	77	4	9.56	536	2,379
FDTIR-46	59	60	955	15	5	13	32	2	450	0	362	104	50	3	1	50	3	9.98	548	2,398
FDTIR-46	60	61	953	12	3	13	30	2	438	0	372	106	53	3	0	29	2	10.13	561	2,362
FDTIR-46	61	62	774	9	2	10	22	1	360	0	287	84	40	2	0	22	1	9.13	436	1,892
FDTIR-46	62	63	1,407	18	5	18	43	2	636	0	524	153	75	4	1	49	3	17.13	796	3,447
FDTIR-46	63	64	1,087	18	5	16	37	3	481	0	412	116	62	4	1	57	3	12.96	620	2,702
FDTIR-46	64	65	44	2	1	1	2	0	18	0	16	4	3	0	0	7	1	0.44	24	118
FDTIR-46	65	66	13	1	1	0	1	0	7	0	6	2	1	0	0	9	1	0.35	9	53



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-49	0	1	915	12	4	8	21	2	572	0	236	83	31	2	0	40	3	11.16	376	2,266
FDTIR-49	1	2	1,540	20	7	14	38	3	928	1	412	142	54	4	1	64	4	15.6	652	3,793
FDTIR-49	2	3	2,038	18	6	15	37	3	1,109	0	484	171	59	4	1	56	3	18.52	771	4,696
FDTIR-49	3	4	1,427	16	6	13	29	3	880	1	397	139	50	3	1	54	4	16.57	631	3,547
FDTIR-49	4	5	1,975	17	6	13	31	3	873	1	423	145	52	3	1	56	5	15.72	668	4,229
FDTIR-49	5	6	5,560	13	5	11	26	2	933	0	395	144	47	3	1	36	3	28	635	8,412
FDTIR-49	6	7	6,039	13	4	12	25	2	1,157	0	441	168	48	3	0	32	3	30.9	718	9,314
FDTIR-49	7	8	3,774	13	5	10	25	2	788	0	359	124	44	3	1	36	4	19.25	569	6,081
FDTIR-49	8	9	1,477	15	6	11	27	2	700	1	355	116	42	3	1	45	5	11.26	554	3,291
FDTIR-49	9	10	784	12	6	7	19	2	418	1	207	67	27	2	1	41	6	7.81	323	1,877
FDTIR-49	10	11	731	8	3	6	16	1	418	0	201	69	26	2	0	26	3	9.52	317	1,774
FDTIR-49	11	12	5,665	15	5	13	30	2	606	0	389	125	54	3	1	43	4	14.33	605	8,148
FDTIR-49	12	13	2,158	25	8	23	55	3	1,082	1	707	223	100	6	1	74	5	9.12	1,095	5,246
FDTIR-49	13	14	1,623	47	21	34	89	8	1,082	2	924	271	137	10	2	275	13	15.84	1,405	5,343
FDTIR-49	14	15	4,012	37	11	33	80	5	1,187	1	947	281	141	8	1	115	7	14.57	1,443	8,053
FDTIR-49	15	16	2,307	28	8	28	63	4	1,025	1	791	236	111	6	1	76	5	14.04	1,207	5,500
FDTIR-49	16	17	1,628	17	5	17	38	2	877	0	539	174	72	4	0	43	3	14.69	839	4,012
FDTIR-49	17	18	1,415	20	5	19	43	3	1,025	0	605	195	80	5	1	50	3	14.48	941	4,070
FDTIR-49	18	19	1,119	17	5	16	36	2	705	0	458	142	64	4	1	47	3	11.6	706	3,072
FDTIR-49	19	20	1,034	15	5	12	29	2	559	0	357	110	48	3	0	41	3	12.09	549	2,603
FDTIR-49	20	21	778	12	4	10	24	2	414	0	272	83	39	3	0	36	3	9.49	418	1,971
FDTIR-49	21	22	1,202	19	6	18	43	3	686	0	575	171	80	4	1	51	4	13.84	877	3,359
FDTIR-49	22	23	1,014	15	5	13	31	2	614	0	410	127	56	3	1	41	3	12.24	632	2,741
FDTIR-49	23	24	1,035	12	5	9	23	2	511	0	304	96	39	3	1	50	3	9.34	471	2,457
FDTIR-49	24	25	1,101	16	5	13	33	2	750	0	451	141	55	3	1	62	4	10.96	696	3,099
FDTIR-49	25	26	885	13	5	9	23	2	462	0	280	84	37	3	1	44	3	9.49	429	2,171
FDTIR-49	26	27	1,829	18	7	12	31	3	533	1	351	102	48	4	1	68	5	9.31	534	3,536
FDTIR-49	27	28	2,044	24	9	17	44	4	610	1	506	138	70	5	1	100	6	11.07	757	4,200
FDTIR-49	28	29	1,158	18	6	13	34	3	654	1	416	122	53	4	1	64	4	11.68	633	2,994
FDTIR-49	29	30	1,154	13	4	10	24	2	566	0	323	100	42	3	1	41	3	8.83	498	2,682
FDTIR-49	30	31	1,016	14	6	9	22	2	507	1	275	86	35	3	1	53	4	15.03	424	2,388
FDTIR-49	31	32	988	12	4	9	22	2	505	0	304	93	39	2	0	37	3	16.79	467	2,372
FDTIR-49	32	33	1,337	11	4	9	22	2	578	0	332	104	41	2	0	35	3	12.31	513	2,910
FDTIR-49	33	34	1,086	10	3	8	20	1	439	0	264	82	33	2	0	32	2	8.88	407	2,328
FDTIR-49	34	35	939	12	4	9	23	2	494	0	301	94	39	2	0	42	3	7.4	465	2,308
FDTIR-49	35	36	877	8	3	6	15	1	394	0	225	74	28	2	0	25	2	12.05	352	1,948
FDTIR-49	36	37	694	9	3	7	18	1	377	0	250	76	32	2	0	30	2	7.16	383	1,762
FDTIR-49	37	38	992	9	3	7	17	1	307	0	205	60	29	2	0	29	2	13.87	311	1,951
FDTIR-49	38	39	986	8	3	6	15	1	310	0	192	57	27	2	0	28	2	11.67	292	1,921
FDTIR-49	39	40	1,547	23	7	20	48	3	884	1	628	180	83	5	1	86	5	16.01	951	4,133
FDTIR-49	40	41	1,853	29	8	27	65	4	1,154	1	865	254	113	7	1	92	5	14.21	1,316	5,253
FDTIR-49	41	42	1,080	18	5	16	38	3	619	0	439	125	62	4	1	54	3	13.45	663	2,894
FDTIR-49	42	43	1,314	22	7	17	43	3	661	1	479	134	70	5	1	75	4	14.86	721	3,328
FDTIR-49	43	44	1,367	24	7	20	50	3	579	1	517	135	79	5	1	69	4	16	766	3,357
FDTIR-49	44	45	1,178	22	6	18	45	3	644	0	510	140	74	5	1	57	3	17.44	764	3,176
FDTIR-49	45	46	1,774	39	12	36	85	5	1,027	1	981	260	145	9	1	120	7	14.02	1,459	5,284
FDTIR-49	46	47	1,473	28	9	23	57	4	757	1	647	174	91	6	1	108	6	13.75	965	3,976
FDTIR-49	47	48	1,287	19	6	17	41	3	645	0	507	141	69	4	1	72	4	11.81	762	3,306
FDTIR-49	48	49	1,302	13	4	13	30	2	582	0	448	128	58	3	0	47	3	11.06	677	3,088
FDTIR-49	49	50	1,141	13	4	13	30	2	628	0	463	134	59	3	0	43	2	10.75	701	2,975
FDTIR-49	50	51	1,011	13	4	12	28	2	535	0	400	114	52	3	0	42	3	9.53	604	2,603
FDTIR-49	51	52	733	12	4	10	26	2	423	0	311	89	43	3	0	39	2	7.63	470	1,992
FDTIR-49	52	53	935	14	4	11	28	2	496	0	359	103	47	3	0	46	3	8.97	544	2,408
FDTIR-49	53	54	787	8	2	8	18	1	360	0	260	76	34	2	0	21	1	7.93	394	1,850
FDTIR-49	54	55	434	6	2	6	14	1	264	0	216	61	29	1	0	17	1	3.69	326	1,235
FDTIR-49	55	56	121	3	1	2	5	1	59	0	55	14	8	1	0	14	1	1.23	82	336
FDTIR-49	56	57	22	1	1	1	2	0	10	0	10	2	2	0	0	6	1	0.55	14	68
FDTIR-49	57	58	123	3	1	1	3	1	46	0	28	9	4	0	0	12	1	0.42	44	274



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-51	0	1	186	3	2	1	4	1	76	0	36	11	5	1	0	14	2	2.24	55	402
FDTIR-51	1	2	272	3	2	1	3	1	56	0	26	7	4	0	0	15	2	2.68	39	461
FDTIR-51	2	3	402	4	2	1	4	1	107	0	35	11	5	1	0	19	3	4.37	54	699
FDTIR-51	3	4	638	7	3	3	9	1	321	0	87	29	12	1	0	28	3	8.15	137	1,342
FDTIR-51	4	5	1,180	9	4	6	16	1	821	0	216	82	25	2	0	28	3	13.25	351	2,807
FDTIR-51	5	6	1,282	11	3	9	22	2	951	0	335	122	39	2	0	29	3	15.61	538	3,298
FDTIR-51	6	7	1,387	13	3	12	28	2	967	0	436	149	52	3	0	26	2	16.34	689	3,614
FDTIR-51	7	8	4,201	39	13	30	75	6	1,391	1	818	256	115	8	2	114	9	23.63	1,264	8,303
FDTIR-51	8	9	5,594	46	14	45	100	7	1,936	1	1,376	425	191	10	1	132	8	24.96	2,118	11,595
FDTIR-51	9	10	4,109	45	13	47	100	6	1,531	1	1,361	396	199	10	1	110	7	24.38	2,066	9,309
FDTIR-51	10	11	3,615	48	14	46	105	7	1,631	1	1,345	389	195	11	2	135	8	28.2	2,039	8,859
FDTIR-51	11	12	1,382	27	8	25	59	4	894	1	710	201	105	6	1	73	6	11.17	1,071	4,111
FDTIR-51	12	13	3,103	29	10	28	63	4	985	1	795	227	115	7	1	83	7	7.19	1,203	6,401
FDTIR-51	13	14	799	27	9	23	54	4	714	1	611	169	94	6	1	77	7	6.04	917	3,047
FDTIR-51	14	15	1,234	33	10	32	73	5	814	1	871	234	134	8	1	94	6	8.67	1,299	4,167
FDTIR-51	15	16	1,246	38	13	28	72	6	736	1	750	196	109	8	1	165	8	4.53	1,111	3,971
FDTIR-51	16	17	343	12	4	12	25	2	313	0	311	84	47	3	0	34	3	2.73	464	1,400
FDTIR-51	17	18	802	22	7	21	46	3	588	1	570	153	85	5	1	65	5	5.59	850	2,786
FDTIR-51	18	19	1,337	31	9	32	71	4	778	1	852	223	131	7	1	80	5	7.91	1,263	4,179
FDTIR-51	19	20	925	39	11	36	92	5	909	1	946	234	139	9	1	120	7	5.04	1,387	4,082
FDTIR-51	20	21	1,582	162	81	61	208	32	903	8	1,214	276	210	28	10	1,012	56	8.61	1,749	6,931
FDTIR-51	21	22	1,422	42	15	34	91	7	800	1	825	210	130	9	2	164	9	10.15	1,217	4,422
FDTIR-51	22	23	1,513	36	9	36	91	5	962	1	926	241	142	9	1	86	5	8.18	1,372	4,768
FDTIR-51	23	24	2,716	29	9	27	63	4	899	1	722	204	106	7	1	78	6	7.76	1,089	5,713
FDTIR-51	24	25	1,446	23	6	20	51	3	734	0	620	173	84	5	1	63	4	11.52	932	3,795
FDTIR-51	25	26	1,763	21	5	21	47	3	860	0	636	187	90	5	1	47	3	16.01	968	4,326
FDTIR-51	26	27	1,823	21	5	22	49	3	893	0	685	198	94	5	1	44	3	14.47	1,039	4,512
FDTIR-51	27	28	1,674	25	7	26	60	4	885	0	723	201	106	6	1	63	4	10.48	1,087	4,442
FDTIR-51	28	29	1,462	34	12	27	66	5	779	1	684	184	104	7	1	120	8	9.09	1,020	4,106
FDTIR-51	29	30	1,768	47	20	30	78	8	830	2	773	208	118	9	2	216	13	11.43	1,153	4,849
FDTIR-51	30	31	1,514	43	20	25	68	8	715	2	642	174	98	8	2	246	13	10.77	959	4,214
FDTIR-51	31	32	1,276	24	9	19	48	4	692	1	534	151	77	5	1	98	6	11	805	3,456
FDTIR-51	32	33	1,066	24	11	17	41	4	564	1	439	124	65	5	1	135	6	9.44	662	2,944
FDTIR-51	33	34	1,073	20	7	16	38	3	573	1	428	121	63	4	1	79	5	8.26	646	2,857
FDTIR-51	34	35	1,116	17	5	16	37	2	603	0	445	127	64	4	1	54	3	9.28	673	2,927
FDTIR-51	35	36	1,411	22	7	20	47	3	695	1	563	158	82	5	1	81	4	12.51	849	3,639
FDTIR-51	36	37	958	16	5	14	33	2	488	0	386	108	56	4	1	60	3	8.8	581	2,507
FDTIR-51	37	38	808	18	7	12	32	3	437	1	324	92	49	4	1	94	5	7.84	489	2,219
FDTIR-51	38	39	1,328	23	8	17	45	4	629	1	511	138	70	5	1	88	5	13.51	763	3,374
FDTIR-51	39	40	1,206	21	6	18	44	3	594	0	496	131	72	5	1	55	3	12.29	736	3,113
FDTIR-51	40	41	1,595	23	6	23	55	3	811	0	700	185	97	5	1	54	3	15.74	1,040	4,175
FDTIR-51	41	42	2,287	25	6	27	57	3	1,200	0	925	281	119	6	1	57	4	20.21	1,419	5,862
FDTIR-51	42	43	1,881	30	8	29	68	4	1,043	0	895	249	124	7	1	79	4	15.28	1,345	5,188
FDTIR-51	43	44	1,614	23	6	23	55	3	670	0	635	161	91	5	1	58	3	9.41	935	3,927
FDTIR-51	44	45	1,183	15	3	18	38	2	608	0	571	150	77	4	0	32	2	9.89	847	3,170
FDTIR-51	45	46	1,061	11	3	12	26	1	412	0	361	95	50	3	0	24	2	7.71	536	2,416
FDTIR-51	46	47	794	11	3	11	24	1	400	0	318	87	43	2	0	24	1	8.38	476	2,017
FDTIR-51	47	48	1,945	17	4	20	41	2	919	0	712	201	89	4	0	40	2	17.34	1,073	4,687
FDTIR-51	48	49	1,680	16	4	18	38	2	831	0	573	165	74	4	0	41	2	19.44	867	4,046
FDTIR-51	49	50	889	15	4	13	33	2	458	0	376	99	54	3	0	39	2	8.26	558	2,332
FDTIR-51	50	51	416	12	5	6	19	2	198	0	158	43	24	2	1	50	3	4.15	237	1,105
FDTIR-51	51	52	343	15	8	5	18	3	168	1	129	35	20	2	1	89	6	3.68	193	996
FDTIR-51	52	53	24	1	1	0	1	0	12	0	9	3	2	0	0	7	1	0.33	14	72
FDTIR-51	53	54	309	11	6	5	13	2	156	1	117	31	18	2	1	65	4	3.57	174	871
FDTIR-51	54	55	21	2	2	0	2	0	10	0	9	2	2	0	0	18	2	0.4	14	84



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luuppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-52	0	1	324	4	2	2	6	1	121	0	61	19	9	1	0	19	3	3.61	94	671
FDTIR-52	1	2	308	4	2	2	5	1	118	0	54	17	7	1	0	18	2	3.62	83	632
FDTIR-52	2	3	296	4	2	2	5	1	125	0	55	18	7	1	0	17	2	3.74	86	628
FDTIR-52	3	4	1,466	7	3	4	11	1	495	0	145	48	17	1	0	24	3	7.69	228	2,610
FDTIR-52	4	5	1,129	13	5	9	26	2	930	1	325	110	38	3	1	44	4	11.92	511	3,096
FDTIR-52	5	6	1,625	18	5	15	37	2	1,315	0	537	183	64	4	1	47	3	13.23	848	4,524
FDTIR-52	6	7	2,689	31	9	23	57	4	1,314	1	716	219	94	6	1	77	6	19.42	1,100	6,154
FDTIR-52	7	8	2,695	36	12	27	67	5	1,551	1	824	263	110	7	1	106	9	18.21	1,279	6,707
FDTIR-52	8	9	3,405	35	10	33	74	5	1,532	1	1,035	324	136	8	1	90	5	23.7	1,599	7,851
FDTIR-52	9	10	3,069	46	13	46	103	6	1,655	1	1,458	415	195	10	1	132	7	20.34	2,202	8,398
FDTIR-52	10	11	4,075	60	16	64	141	8	1,897	1	1,994	536	272	14	2	156	9	23.46	2,974	10,847
FDTIR-52	11	12	1,299	27	9	25	55	4	820	1	731	197	104	6	1	80	7	9.72	1,091	3,951
FDTIR-52	12	13	827	23	8	20	45	3	582	1	526	145	82	5	1	64	6	5.83	788	2,745
FDTIR-52	13	14	779	20	6	19	42	3	547	1	550	142	81	4	1	57	5	7.04	813	2,648
FDTIR-52	14	15	1,359	28	8	29	66	4	824	0	861	221	125	7	1	70	4	9.16	1,272	4,231
FDTIR-52	15	16	1,884	46	14	42	100	6	926	1	1,129	286	172	10	2	135	8	12.07	1,663	5,589
FDTIR-52	16	17	933	53	23	34	92	9	662	2	829	193	130	10	3	280	16	5.87	1,199	3,852
FDTIR-52	17	18	954	44	14	34	90	6	648	1	818	187	129	10	2	139	9	7.02	1,180	3,625
FDTIR-52	18	19	1,341	40	15	25	72	6	608	1	613	148	93	8	2	155	10	6.32	894	3,686
FDTIR-52	19	20	1,363	39	14	27	78	6	671	1	670	166	100	8	2	153	9	8.31	982	3,888
FDTIR-52	20	21	1,241	47	20	24	77	8	653	2	589	148	87	9	2	239	13	7.12	866	3,719
FDTIR-52	21	22	1,022	49	26	20	70	10	535	2	415	116	67	8	3	333	17	5.65	624	3,185
FDTIR-52	22	23	1,250	23	8	18	46	3	574	1	453	130	71	5	1	76	5	7.21	686	3,127
FDTIR-52	23	24	1,604	24	8	19	47	4	798	1	570	159	77	5	1	81	6	8.04	858	3,994
FDTIR-52	24	25	1,437	19	6	16	38	3	711	0	521	147	68	4	1	58	4	9.04	786	3,558
FDTIR-52	25	26	1,471	21	6	18	43	3	692	0	554	153	76	4	1	63	4	10.5	830	3,646
FDTIR-52	26	27	1,403	21	7	17	43	3	658	1	507	139	71	4	1	74	4	9.1	759	3,467
FDTIR-52	27	28	1,477	21	7	18	45	3	711	1	542	150	75	5	1	80	4	10.34	813	3,686
FDTIR-52	28	29	1,157	18	6	15	36	3	591	0	434	121	59	4	1	68	4	8.51	652	2,954
FDTIR-52	29	30	1,553	22	8	18	46	3	624	1	497	135	73	5	1	90	5	9.45	743	3,616
FDTIR-52	30	31	1,300	18	6	16	39	2	662	0	504	139	68	4	1	55	3	10.82	757	3,307
FDTIR-52	31	32	1,232	17	6	15	36	2	579	0	427	118	59	4	1	60	4	8.61	641	3,003
FDTIR-52	32	33	962	16	5	13	32	2	536	0	384	107	53	3	1	53	3	8.59	578	2,548
FDTIR-52	33	34	987	15	6	12	30	2	489	0	344	96	49	3	1	59	3	6.87	518	2,462
FDTIR-52	34	35	1,089	16	5	14	35	2	607	0	429	119	58	3	1	53	3	8.51	644	2,858
FDTIR-52	35	36	1,517	20	6	19	45	3	747	0	583	159	80	5	1	59	3	13.08	873	3,810
FDTIR-52	36	37	1,357	18	5	17	41	3	678	0	527	145	71	4	1	54	3	11.64	791	3,431
FDTIR-52	37	38	1,099	16	5	14	34	2	555	0	425	119	58	3	1	51	3	9.84	639	2,799
FDTIR-52	38	39	1,129	17	5	14	36	2	576	0	429	119	58	4	1	59	3	10.16	644	2,878
FDTIR-52	39	40	1,318	19	6	17	42	3	677	0	522	144	70	4	1	62	3	12.35	783	3,389
FDTIR-52	40	41	1,338	20	6	18	45	3	684	0	546	148	77	4	1	60	4	12.4	816	3,467
FDTIR-52	41	42	1,374	18	5	17	42	2	693	0	529	147	72	4	1	52	3	12.52	795	3,472
FDTIR-52	42	43	1,536	22	6	20	49	3	729	0	599	163	83	5	1	69	4	12.51	896	3,860
FDTIR-52	43	44	1,285	17	5	16	39	2	639	0	509	140	69	4	1	51	3	10.66	762	3,260
FDTIR-52	44	45	1,270	18	5	17	40	2	666	0	522	145	70	4	1	55	3	11.22	785	3,307
FDTIR-52	45	46	1,042	16	5	13	33	2	506	0	392	107	55	3	1	54	3	7.91	587	2,619
FDTIR-52	46	47	1,070	14	4	14	33	2	556	0	431	120	59	3	0	38	2	10.22	647	2,753
FDTIR-52	47	48	855	12	4	10	25	2	410	0	313	87	43	2	0	34	2	8.68	471	2,112
FDTIR-52	48	49	1,193	18	6	16	39	3	587	0	455	124	65	4	1	59	4	10.79	680	3,019
FDTIR-52	49	50	1,012	15	5	12	31	2	463	0	364	100	50	3	1	50	3	10.3	546	2,479
FDTIR-52	50	51	981	15	5	13	33	2	485	0	372	101	51	3	1	54	3	10.61	556	2,488
FDTIR-52	51	52	983	15	5	13	31	2	493	0	375	104	52	3	0	52	3	10.96	563	2,500
FDTIR-52	52	53	1,457	20	7	19	46	3	736	1	585	160	79	5	1	71	4	14.5	876	3,747
FDTIR-52	53	54	392	7	3	5	14	1	181	0	143	39	21	1	0	26	2	4.07	213	981
FDTIR-52	54	55	366	8	4	5	14	1	182	0	140	38	20	2	0	33	2	4.24	209	959
FDTIR-52	55	56	455	9	3	6	16	1	229	0	176	48	25	2	0	35	2	4.62	263	1,183
FDTIR-52	56	57	111	3	1	2	5	1	57	0	46	12	7	1	0	11	1	1.26	69	303
FDTIR-52	57	58.15	35	1	1	1	2	0	16	0	15	4	3	0	0	7	1	0.47	23	101



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Lu	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-53	0	1	208	3	2	1	4	1	91	0	39	13	5	1	0	13	2	2.48	61	450
FDTIR-53	1	2	470	5	2	2	6	1	188	0	63	22	8	1	0	21	2	4.41	99	927
FDTIR-53	2	3	835	8	3	4	12	1	457	0	141	49	18	1	0	34	3	9.74	224	1,842
FDTIR-53	3	4	1,213	13	4	10	25	2	780	1	305	103	42	3	1	34	4	12.03	480	2,979
FDTIR-53	4	5	1,780	19	6	17	46	2	1,289	0	567	177	68	4	1	47	4	17.04	875	4,724
FDTIR-53	5	6	1,686	22	6	20	53	3	1,237	1	647	192	80	5	1	57	4	12.97	987	4,708
FDTIR-53	6	7	1,774	23	7	21	56	3	1,120	1	691	197	89	5	1	65	4	14	1,045	4,760
FDTIR-53	7	8	1,833	18	5	17	43	2	1,065	0	576	174	73	4	1	47	3	14.1	882	4,529
FDTIR-53	8	9	2,453	26	8	23	52	4	892	1	617	188	94	6	1	65	6	14.85	948	5,203
FDTIR-53	9	10	2,353	32	9	30	67	4	1,080	1	834	248	128	7	1	83	5	16.52	1,273	5,729
FDTIR-53	10	11	2,727	37	10	34	77	5	1,481	1	1,120	343	150	8	1	102	6	16.53	1,722	7,160
FDTIR-53	11	12	2,348	34	9	35	78	4	1,228	1	1,102	315	154	8	1	84	6	18.46	1,666	6,344
FDTIR-53	12	13	3,516	51	13	52	115	6	1,827	1	1,724	484	230	11	1	121	7	20.98	2,596	9,572
FDTIR-53	13	14	1,101	20	5	21	45	3	609	0	553	149	83	5	1	49	3	13.31	825	3,105
FDTIR-53	14	15	796	18	5	17	38	2	503	0	448	120	65	4	1	45	3	9.5	668	2,422
FDTIR-53	15	16	1,327	20	7	16	39	3	499	1	419	113	62	4	1	62	5	5.82	625	3,025
FDTIR-53	16	17	1,029	22	7	19	46	3	568	1	496	133	74	5	1	67	5	6.65	739	2,904
FDTIR-53	17	18	1,000	31	10	26	65	4	717	1	658	172	101	7	1	102	7	5.46	976	3,409
FDTIR-53	18	19	1,304	36	12	31	79	5	766	1	793	198	119	8	1	121	8	8.94	1,165	4,090
FDTIR-53	19	20	873	90	55	28	102	18	447	6	503	118	87	14	7	673	41	4.83	729	3,645
FDTIR-53	20	21	806	23	8	17	48	3	451	1	433	114	67	5	1	79	5	6.25	643	2,419
FDTIR-53	21	22	942	32	13	20	60	5	525	1	486	125	72	6	1	155	8	6.47	719	2,887
FDTIR-53	22	23	658	14	5	10	29	2	344	0	260	72	37	3	1	56	3	4.43	390	1,754
FDTIR-53	23	24	1,021	19	7	14	37	3	526	1	403	114	57	4	1	90	5	7.08	609	2,705
FDTIR-53	24	25	1,021	14	5	13	30	2	507	0	376	108	50	3	1	49	3	6.4	568	2,561
FDTIR-53	25	26	1,302	19	6	16	39	3	644	1	464	134	65	4	1	64	4	6.96	703	3,246
FDTIR-53	26	27	1,168	17	6	14	35	2	624	1	428	124	59	4	1	61	4	5.77	650	2,989
FDTIR-53	27	28	1,448	21	7	19	45	3	700	1	542	153	75	5	1	70	4	10.02	816	3,627
FDTIR-53	28	29	1,653	25	8	21	52	3	780	1	611	170	87	5	1	82	5	11.37	919	4,112
FDTIR-53	29	30	1,389	19	6	18	44	3	673	0	518	146	72	4	1	56	3	10.93	781	3,462
FDTIR-53	30	31	1,151	18	6	15	38	2	548	0	429	120	60	4	1	59	4	9.14	645	2,881
FDTIR-53	31	32	956	15	5	12	30	2	425	0	330	93	49	3	1	53	3	7.1	497	2,323
FDTIR-53	32	33	1,196	16	5	14	34	2	579	0	431	117	58	3	1	51	3	8.97	645	2,947
FDTIR-53	33	34	1,349	19	6	15	40	3	562	1	443	126	63	4	1	62	4	10.42	669	3,166
FDTIR-53	34	35	945	15	5	12	29	2	480	0	349	101	50	3	1	51	3	8.05	530	2,402
FDTIR-53	35	36	1,194	17	5	15	37	2	512	0	426	118	61	4	1	54	3	11.3	639	2,872
FDTIR-53	36	37	885	14	4	12	29	2	434	0	330	93	47	3	1	49	3	7.9	497	2,237
FDTIR-53	37	38	915	15	5	12	30	2	461	0	342	96	48	3	1	51	3	8	515	2,330
FDTIR-53	38	39	1,240	18	5	16	40	2	594	0	472	131	67	4	1	56	3	11.69	709	3,109
FDTIR-53	39	40	1,772	23	6	24	54	3	903	0	707	197	99	5	1	60	3	16.99	1,062	4,522
FDTIR-53	40	41	1,163	17	5	15	36	2	606	0	454	124	62	4	1	48	3	10.74	680	2,980
FDTIR-53	41	42	1,226	18	6	17	41	3	624	0	476	133	68	4	1	57	3	11.59	716	3,140
FDTIR-53	42	43	1,462	20	6	20	46	3	727	0	574	161	78	5	1	53	3	14.55	864	3,704
FDTIR-53	43	44	1,326	17	5	18	41	2	641	0	507	142	71	4	1	50	3	12.73	762	3,317
FDTIR-53	44	45	1,257	18	5	18	42	2	659	0	507	141	72	4	1	53	3	12.99	762	3,265
FDTIR-53	45	46	1,270	18	5	16	40	2	628	0	495	134	69	4	1	58	3	11.71	739	3,219
FDTIR-53	46	47	1,422	18	5	19	44	2	705	0	562	157	77	4	1	50	3	13.17	845	3,599
FDTIR-53	47	48	1,187	16	5	16	37	2	592	0	466	131	63	4	0	50	3	11.22	702	3,018
FDTIR-53	48	49	1,039	16	5	14	33	2	492	0	393	111	56	3	1	50	3	7.58	592	2,603
FDTIR-53	49	50	818	12	3	11	26	2	364	0	295	81	43	3	0	35	2	8.08	442	1,988
FDTIR-53	50	51	987	15	5	14	32	2	417	0	355	98	52	3	1	47	3	9	532	2,383
FDTIR-53	51	52	1,198	16	6	13	32	2	452	1	367	101	51	3	1	52	4	11.42	551	2,700
FDTIR-53	52	53	1,165	16	5	15	36	2	536	0	429	120	60	4	1	52	4	12.48	646	2,870
FDTIR-53	53	54	1,292	19	6	18	43	3	659	0	505	142	71	4	1	60	4	14.21	760	3,314
FDTIR-53	54	55	1,045	17	6	14	36	2	492	1	395	110	57	4	1	61	4	11.56	595	2,634
FDTIR-53	55	56	505	8	3	6	15	1	243	0	187	52	26	2	0	27	2	5.66	282	1,264
FDTIR-53	56	57	98	2	1	1	3	0	48	0	37	10	5	0	0	9	1	1.23	56	255
FDTIR-53	57	58	38	1	1	1	2	0	17	0	13	3	2	0	0	7	1	0.44	19	102
FDTIR-53	58	59	10	2	1	0	1	1	7	0	5	1	1	0	0	10	2	0.26	8	51



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-54	0	1	2,337	39	12	41	86	5	1,139	1	1,165	306	170	9	1	105	8	8.78	1,728	6,363
FDTIR-54	1	2	1,794	34	10	36	79	5	965	1	1,022	265	149	8	1	88	7	9.55	1,512	5,235
FDTIR-54	2	3	1,742	57	16	57	139	8	1,184	1	1,466	355	220	14	2	155	10	12.63	2,139	6,368
FDTIR-54	3	4	2,167	92	37	59	173	15	1,053	4	1,224	291	205	19	4	399	25	10.65	1,779	6,786
FDTIR-54	4	5	1,724	84	32	54	156	13	1,142	3	1,231	309	197	17	3	388	19	10.57	1,810	6,326
FDTIR-54	5	6	1,571	59	20	45	120	9	1,028	2	1,087	277	167	13	2	236	12	8.28	1,602	5,464
FDTIR-54	6	7	1,754	103	37	71	189	16	1,172	3	1,548	367	259	21	4	393	24	8.21	2,249	7,014
FDTIR-54	7	8	1,115	79	32	39	139	14	659	3	798	183	130	16	4	430	20	9.69	1,151	4,322
FDTIR-54	8	9	1,380	20	6	18	43	3	719	0	529	152	72	4	1	74	3	9.55	801	3,551
FDTIR-54	9	10	987	17	6	14	34	2	518	0	371	106	53	4	1	61	4	6.81	561	2,555
FDTIR-54	10	11	964	21	7	15	39	3	495	1	389	108	58	4	1	85	4	6.91	585	2,578
FDTIR-54	11	12	1,170	16	5	15	35	2	557	0	429	122	60	4	1	55	3	9.5	648	2,903
FDTIR-54	12	13	1,450	20	6	20	44	3	762	0	580	164	79	5	1	61	3	12.38	874	3,751
FDTIR-54	13	14	1,104	26	12	16	43	5	498	1	438	118	63	5	1	179	8	10.51	654	2,966
FDTIR-54	14	15	1,409	25	8	21	52	4	781	1	600	170	85	5	1	92	5	13.83	904	3,826
FDTIR-54	15	16	1,627	21	6	21	49	3	814	0	610	173	85	5	1	54	3	15.1	921	4,073
FDTIR-54	16	17	1,660	20	5	22	47	3	866	0	642	184	89	5	1	48	3	15.48	971	4,215
FDTIR-54	17	18	1,719	20	5	20	45	3	885	0	624	184	82	5	1	48	3	16.1	951	4,275
FDTIR-54	18	19	2,139	26	7	28	64	3	941	0	778	216	110	6	1	68	4	16.41	1,168	5,149
FDTIR-54	19	20	1,540	20	5	20	44	2	733	0	570	162	80	4	0	46	3	13.28	861	3,788
FDTIR-54	20	21	1,540	19	5	17	40	3	627	0	486	137	68	4	1	53	4	11.97	732	3,523
FDTIR-54	21	22	1,692	18	5	16	37	2	681	0	478	141	67	4	1	53	3	19.11	728	3,753
FDTIR-54	22	23	1,390	20	6	19	42	3	676	0	519	146	74	4	1	59	4	15.97	782	3,475
FDTIR-54	23	24	1,214	19	6	16	39	3	549	1	450	127	67	4	1	64	4	13.56	678	3,007
FDTIR-54	24	25	289	5	2	4	10	1	138	0	111	31	15	1	0	18	1	3.4	166	735
FDTIR-54	25	26	316	7	3	5	13	1	172	0	133	36	20	1	0	28	2	3.42	199	867
FDTIR-54	26	27	64	2	1	1	3	0	35	0	28	7	4	0	0	9	1	0.64	41	184
FDTIR-54	27	28	16	1	1	0	1	0	10	0	8	2	2	0	0	6	1	0.37	11	55

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-55	3	4	211	3	2	1	3	1	79	0	26	8	4	0	0	13	2	2.01	40	411
FDTIR-55	4	5	272	3	2	1	4	1	122	0	35	13	5	1	0	16	2	2.66	56	560
FDTIR-55	5	6	366	6	3	3	7	1	254	0	78	28	10	1	0	29	3	3.95	124	926
FDTIR-55	6	7	634	7	3	4	10	1	341	0	124	43	16	1	0	27	3	7.81	196	1,427
FDTIR-55	7	8	1,634	9	3	7	17	1	376	0	215	67	31	2	0	26	3	12.5	331	2,804
FDTIR-55	8	9	1,847	24	8	19	49	3	1,417	1	562	182	72	5	1	64	6	13.87	875	4,999
FDTIR-55	9	10	1,648	17	5	16	40	2	1,166	0	519	174	66	4	0	41	3	14.81	816	4,342
FDTIR-55	10	11	2,662	32	9	32	70	4	1,243	1	943	275	134	7	1	75	6	15.71	1,432	6,444
FDTIR-55	11	12	3,271	58	16	59	131	8	1,927	1	1,690	493	247	13	2	159	10	17.7	2,568	9,489
FDTIR-55	12	13	4,859	59	17	60	133	8	2,088	1	1,764	519	251	14	2	159	9	20.87	2,685	11,663
FDTIR-55	13	14	4,409	94	27	89	210	13	2,361	2	2,531	683	364	21	3	267	15	26.4	3,778	13,015
FDTIR-55	14	15	3,695	67	18	66	153	9	2,142	1	1,879	542	270	16	2	159	11	17.41	2,847	10,593
FDTIR-55	15	16	2,350	41	11	43	96	5	1,332	1	1,224	336	178	10	1	94	7	13.15	1,834	6,719
FDTIR-55	16	17	2,127	25	8	22	51	3	713	1	598	165	89	6	1	66	7	8.36	897	4,551
FDTIR-55	17	18	1,987	26	9	22	53	4	763	1	563	165	89	6	1	67	7	7.06	856	4,412
FDTIR-55	18	19	1,535	34	11	27	67	5	746	1	655	183	109	7	1	87	8	6.65	985	4,080
FDTIR-55	19	20	2,241	81	42	46	125	15	995	5	1,086	292	189	15	5	455	32	9.25	1,619	6,623
FDTIR-55	20	21	2,790	29	10	21	54	4	715	1	551	160	90	6	1	88	8	4.12	836	5,315
FDTIR-55	21	22	1,438	70	31	43	121	12	955	3	995	259	170	14	4	321	21	6.46	1,474	5,246
FDTIR-55	22	23	2,106	82	31	57	155	13	1,332	3	1,308	343	221	16	3	310	20	6.6	1,940	7,054
FDTIR-55	23	24	1,678	69	24	52	133	10	1,105	2	1,203	314	210	14	3	217	16	5.19	1,783	5,933
FDTIR-55	24	25	1,578	60	19	44	116	8	680	1	986	245	174	13	2	156	12	12.65	1,446	4,809
FDTIR-55	25	26	2,334	36	10	33	76	5	1,439	1	978	296	145	8	1	89	7	10.01	1,498	6,404
FDTIR-55	26	27	3,168	37	10	39	84	5	1,506	1	1,161	348	170	9	1	78	6	15.05	1,776	7,765
FDTIR-55	27	28	1,869	29	8	28	65	4	1,016	1	730	214	112	7	1	63	5	15.85	1,110	4,869
FDTIR-55	28	29	1,808	28	8	29	66	4	1,050	1	820	233	120	7	1	67	4	11.59	1,237	4,979
FDTIR-55	29	30	1,938	28	7	29	65	4	1,014	1	842	240	127	7	1	65	5	10.85	1,272	5,128
FDTIR-55	30	31	2,433	44	12	42	97	6	1,185	1	1,116	303	172	10	1	115	8	13.47	1,668	6,505
FDTIR-55	31	32	1,538	36	13	29	75	5	756	1	720	192	114	8	1	136	9	8.92	1,072	4,269
FDTIR-55	32	33	1,447	32	9	32	77	4	712	1	793	193	129	7	1	88	6	8.78	1,158	4,144
FDTIR-55	33	34	1,748	33	10	32	75	4	823	1	783	206	130	7	1	88	6	13.25	1,162	4,632
FDTIR-55	34	35	1,269	27	7	28	65	3	639	0	679	173	114	6	1	67	4	9.82	1,000	3,615
FDTIR-55	35	36	1,340	21	5	23	52	3	615	0	608	161	99	5	1	49	3	9.5	904	3,501
FDTIR-55	36	37	1,771	22	6	23	52	3	812	0	608	173	95	5	1	55	4	9.64	919	4,255
FDTIR-55	37	38	1,493	20	6	17	42	3	810	0	483	149	72	4	1	53	3	14.63	744	3,703
FDTIR-55	38	39	1,881	24	7	23	52	3	879	0	635	192	95	6	1	59	4	20.65	973	4,529
FDTIR-55	39	40	1,979	35	9	34	79	5	993	1	883	244	138	8	1	92	5	16.94	1,325	5,287
FDTIR-55	40	41	2,196	25	7	28	61	3	987	0	824	235	122	6	1	61	4	18.59	1,245	5,348
FDTIR-55	41	42	1,614	18	6	19	43	3	803	0	599	178	85	4	1	49	3	15.71	914	4,017
FDTIR-55	42	43	1,701	19	5	19	43	2	854	0	567	174	80	4	1	45	3	17.12	872	4,125
FDTIR-55	43	44	3,483	51	14	53	121	7	1,674	1	1,468	419	222	12	1	121	7	19.6	2,219	8,978
FDTIR-55	44	45	1,550	28	7	25	62	4	845	0	663	189	99	6	1	70	4	14.08	1,002	4,169
FDTIR-55	45	46	1,406	19	5	17	42	3	691	0	520	143	71	4	1	48	3	13.61	780	3,487
FDTIR-55	46	47	1,285	18	6	16	39	2	573	0	441	130	67	4	1	50	3	12.41	671	3,091
FDTIR-55	47	48	1,689	30	10	25	61	4	811	1	647	183	103	6	1	100	7	18.91	977	4,320
FDTIR-55	48	49	1,621	29	9	23	57	4	786	1	604	175	95	6	1	90	6	19.37	915	4,115
FDTIR-55	49	50	1,664	36	13	26	69	5	771	1	635	177	102	7	1	132	7	19.26	955	4,284
FDTIR-55	50	51	1,145	25	9	16	44	4	557	1	450	119	65	5	1	107	6	11.8	669	3,002
FDTIR-55	51	52	398	9	3	5	14	1	189	0	151	41	21	2	0	36	2	3.39	226	1,026
FDTIR-55	52	53	91	2	1	1	3	0	40	0	30	9	4	0	0	10	1	0.8	45	226
FDTIR-55	53	54	49	1	1	1	2	0	23	0	20	6	3	0	0	7	1	0.58	30	131



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Lu	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-56	0	1	938	29	10	23	58	4	488	1	561	146	94	6	1	103	7	9.86	830	2,903
FDTIR-56	1	2	1,361	36	12	30	75	5	744	1	769	206	123	8	1	119	7	10.2	1,147	4,108
FDTIR-56	2	3	1,567	44	14	38	95	6	976	1	991	268	158	10	2	144	8	8.95	1,480	5,076
FDTIR-56	3	4	1,392	38	13	31	79	6	804	1	809	218	129	8	1	132	8	9.66	1,207	4,309
FDTIR-56	4	5	1,924	36	12	31	75	5	1,067	1	834	244	130	8	1	124	8	11.64	1,268	5,284
FDTIR-56	5	6	1,819	27	9	24	55	4	883	1	646	193	95	6	1	94	6	14.09	986	4,530
FDTIR-56	6	7	2,108	38	13	31	77	6	1,039	1	790	225	122	8	1	142	8	10.21	1,194	5,411
FDTIR-56	7	8	1,868	31	11	26	62	5	913	1	704	205	103	7	1	121	7	12.13	1,069	4,771
FDTIR-56	8	9	1,437	26	10	20	49	4	693	1	527	153	78	5	1	108	6	10.44	799	3,661
FDTIR-56	9	10	1,489	26	10	19	49	4	612	1	483	138	73	5	1	122	7	8.02	730	3,570
FDTIR-56	10	11	1,595	25	8	21	51	4	782	1	576	170	85	5	1	90	5	9.99	877	4,013
FDTIR-56	11	12	1,283	18	6	15	38	3	600	0	440	131	62	4	1	61	4	10.77	671	3,129
FDTIR-56	12	13	1,381	21	7	17	44	3	531	1	436	124	66	5	1	77	4	9.18	658	3,191
FDTIR-56	13	14	1,201	21	7	16	42	3	573	0	437	127	65	4	1	72	4	9.05	662	3,020
FDTIR-56	14	15	1,547	26	8	20	50	4	809	1	552	164	80	6	1	87	5	9.03	842	3,942
FDTIR-56	15	16	1,339	23	7	20	49	3	622	1	510	146	76	5	1	71	4	11.4	772	3,375
FDTIR-56	16	17	2,076	26	8	26	59	3	1,026	0	738	221	103	6	1	74	4	17.88	1,128	5,128
FDTIR-56	17	18	1,657	21	6	21	49	3	802	0	602	175	84	5	1	59	4	14.04	914	4,092
FDTIR-56	18	19	1,488	23	6	21	52	3	670	0	579	162	86	5	1	59	3	12.31	871	3,706
FDTIR-56	19	20	1,712	28	8	26	61	4	844	1	679	192	102	6	1	75	5	13.93	1,024	4,391
FDTIR-56	20	21	1,788	26	7	25	59	4	879	0	678	196	97	6	1	71	4	16.27	1,027	4,508
FDTIR-56	21	22	1,597	22	7	21	50	3	711	1	578	168	83	5	1	60	4	15.07	876	3,882
FDTIR-56	22	23	1,863	28	8	28	64	4	813	0	705	197	111	6	1	76	4	16.01	1,060	4,585
FDTIR-56	23	24	1,290	22	7	19	47	3	609	0	528	148	77	5	1	59	4	9.74	795	3,306
FDTIR-56	24	25	1,547	27	8	24	61	4	649	1	607	167	96	6	1	87	5	12.29	910	3,860
FDTIR-56	25	26	1,022	15	5	13	32	2	429	0	348	100	51	3	1	51	3	8.36	527	2,435
FDTIR-56	26	27	555	9	2	7	18	1	271	0	213	62	31	2	0	24	1	6.67	323	1,403
FDTIR-56	27	28	812	9	2	9	21	1	349	0	278	83	40	2	0	20	1	7.9	425	1,911
FDTIR-56	28	29	1,366	16	4	17	36	2	595	0	493	144	69	4	0	38	2	13.41	749	3,269
FDTIR-56	29	30	1,553	22	6	22	51	3	707	0	589	168	84	5	1	67	4	16.1	890	3,853
FDTIR-56	30	31	1,221	22	6	18	46	3	574	1	468	134	68	5	1	68	4	14.22	707	3,097
FDTIR-56	31	32	956	17	6	13	33	3	449	1	354	104	53	3	1	68	4	10.95	538	2,425
FDTIR-56	32	33	359	9	3	6	16	2	163	0	128	37	21	2	0	37	3	3.8	194	921
FDTIR-56	33	34	337	11	6	5	15	2	171	1	126	37	20	2	1	62	5	4.36	192	942
FDTIR-56	34	35	410	9	4	6	16	2	213	0	164	47	25	2	1	48	3	5.03	248	1,118
FDTIR-56	35	36	496	11	4	7	18	2	257	0	189	55	29	2	0	41	3	5.86	287	1,308
FDTIR-56	36	37	45	2	1	1	2	0	24	0	17	5	3	0	0	9	1	0.71	25	129
FDTIR-56	37	38	20	1	1	0	1	0	10	0	9	2	2	0	0	5	1	0.42	13	62



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luappm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-57	13	14	294	5	3	1	5	1	51	0	38	11	6	1	0	25	3	5.67	58	523
FDTIR-57	14	15	107	3	2	1	3	1	46	0	22	7	3	0	0	14	2	3.2	34	248
FDTIR-57	15	16	177	3	2	1	3	1	54	0	20	7	4	0	0	14	2	3.35	31	337
FDTIR-57	16	17	180	4	2	1	3	1	58	0	25	8	4	1	0	18	2	5.06	38	360
FDTIR-57	17	18	2,296	7	3	3	8	1	272	0	79	29	11	1	0	25	3	8.33	128	3,209
FDTIR-57	18	19	1,279	9	4	5	14	1	473	0	149	52	21	2	0	33	3	8.98	237	2,400
FDTIR-57	19	20	718	9	4	5	12	1	372	1	124	44	18	2	1	33	4	13.71	197	1,580
FDTIR-57	20	21	1,067	11	4	9	20	2	716	0	283	103	37	2	0	31	3	15.93	454	2,684
FDTIR-57	21	22	1,121	17	5	15	37	2	1,140	0	441	153	55	4	1	40	3	11.74	699	3,560
FDTIR-57	22	23	1,637	19	5	18	42	2	1,176	0	529	178	68	4	0	42	3	15.24	832	4,369
FDTIR-57	23	24	3,981	38	11	32	80	5	1,445	1	871	274	128	8	1	99	7	19.35	1,347	8,188
FDTIR-57	24	25	5,593	52	16	43	106	7	1,932	1	1,175	375	168	11	2	156	9	21.75	1,823	11,315
FDTIR-57	25	26	3,250	36	9	38	83	5	1,656	1	1,083	335	155	8	1	82	5	29.2	1,668	7,910
FDTIR-57	26	27	3,177	48	13	49	112	6	1,540	1	1,280	362	201	12	1	119	7	24.81	1,930	8,126
FDTIR-57	27	28	2,214	35	11	33	79	5	1,237	1	884	262	131	8	1	103	6	18.41	1,348	5,879
FDTIR-57	28	29	1,373	21	9	14	36	3	735	1	412	133	57	4	1	74	7	12.5	642	3,381
FDTIR-57	29	30	1,239	17	6	14	32	3	624	1	435	130	61	4	1	54	5	9.83	664	3,081
FDTIR-57	30	31	1,515	43	19	33	79	7	812	2	814	223	135	9	2	216	13	20.13	1,219	4,613
FDTIR-57	31	32	1,688	25	9	19	48	4	752	1	515	157	77	5	1	93	5	14.77	790	3,989
FDTIR-57	32	33	1,073	25	9	16	44	4	630	1	424	127	62	5	1	99	7	10.37	648	2,970
FDTIR-57	33	34	1,526	21	7	16	40	3	642	1	436	132	66	4	1	68	5	10.43	669	3,483
FDTIR-57	34	35	2,000	27	8	27	65	4	864	1	769	210	113	6	1	77	5	12.56	1,151	4,902
FDTIR-57	35	36	1,351	34	11	35	86	5	788	1	802	198	133	8	1	97	7	8.43	1,175	4,173
FDTIR-57	36	37	1,961	26	7	27	64	3	1,188	1	807	241	113	6	1	61	4	12.69	1,233	5,291
FDTIR-57	37	38	1,481	16	5	14	33	2	748	1	468	137	61	3	1	47	3	15.87	711	3,541
FDTIR-57	38	39	1,249	15	5	13	30	2	676	0	387	122	54	3	1	47	4	10.43	598	3,061
FDTIR-57	39	40	1,866	21	6	21	48	3	919	0	629	190	88	5	1	52	3	15.99	964	4,518
FDTIR-57	40	41	1,749	18	5	18	42	2	845	0	521	159	74	4	1	49	3	11.54	800	4,093
FDTIR-57	41	42	1,624	15	5	15	32	2	832	0	473	150	63	3	1	42	3	13.34	734	3,825
FDTIR-57	42	43	1,362	13	4	12	28	2	782	0	443	135	56	3	0	38	3	11.3	679	3,379
FDTIR-57	43	44	1,697	16	5	17	36	2	899	0	531	170	71	4	0	41	3	15.26	825	4,096
FDTIR-57	44	45	1,751	17	5	18	38	2	873	0	538	169	75	4	0	41	3	20	832	4,144
FDTIR-57	45	46	1,651	21	6	22	49	3	882	0	624	183	90	5	1	51	3	12.15	949	4,210
FDTIR-57	46	47	1,615	23	6	23	52	3	858	0	635	179	94	5	1	57	4	10.87	956	4,171
FDTIR-57	47	48	1,785	24	7	22	51	3	951	0	610	182	89	5	1	62	4	16.71	932	4,453
FDTIR-57	48	49	2,059	24	7	26	57	3	1,110	0	769	228	107	6	1	60	3	17.58	1,173	5,233
FDTIR-57	49	50	1,998	29	8	30	68	4	1,077	0	815	235	119	7	1	69	4	17.49	1,235	5,236
FDTIR-57	50	51	1,632	24	6	23	53	3	832	0	635	181	94	5	1	56	3	16.17	959	4,163
FDTIR-57	51	52	1,647	21	5	24	51	3	854	0	668	192	97	5	1	49	3	15.69	1,011	4,246
FDTIR-57	52	53	1,720	23	6	25	54	3	834	0	694	194	101	6	1	52	3	15.66	1,044	4,358
FDTIR-57	53	54	1,991	30	8	32	71	4	1,021	1	860	236	129	7	1	72	4	16	1,289	5,239
FDTIR-57	54	55	2,023	33	9	33	74	4	987	1	865	236	133	8	1	77	5	16.93	1,294	5,264
FDTIR-57	55	56	1,797	27	7	28	64	4	833	0	726	196	115	6	1	64	4	13.48	1,084	4,543
FDTIR-57	56	57	1,777	26	7	27	61	3	862	0	718	198	109	6	1	64	4	12.9	1,077	4,531
FDTIR-57	57	58	1,561	30	10	27	65	4	796	1	684	185	109	7	1	90	6	12.79	1,022	4,196
FDTIR-57	58	59	941	17	5	16	39	2	452	0	387	104	60	4	0	47	3	8.15	577	2,438
FDTIR-57	59	60	1,102	15	4	15	34	2	584	1	410	116	60	4	0	39	2	10.94	618	2,802
FDTIR-57	60	61	1,819	23	7	23	53	3	901	0	683	196	97	5	1	62	4	17.23	1,034	4,550
FDTIR-57	61	62	2,096	24	7	26	56	3	1,048	1	770	225	107	6	1	67	4	19.95	1,169	5,207
FDTIR-57	62	63	1,299	19	6	16	39	3	638	1	450	130	66	4	1	60	4	13.54	682	3,211
FDTIR-57	63	64	1,081	32	11	24	63	5	548	1	509	131	87	7	1	110	7	10.11	752	3,073
FDTIR-57	64	65	392	9	3	6	16	1	192	0	152	43	23	2	0	33	2	3.74	229	1,026
FDTIR-57	65	66	383	9	3	6	15	1	206	0	153	44	24	2	0	33	2	3.86	232	1,036
FDTIR-57	66	67	574	10	4	8	19	2	282	0	210	61	32	2	0	39	3	5.74	318	1,465
FDTIR-57	67	68	673	12	5	9	23	2	323	1	238	69	36	2	1	48	4	6.05	361	1,697
FDTIR-57	68	69	534	7	3	6	14	1	256	0	183	54	26	2	0	26	2	5.17	279	1,308
FDTIR-57	69	70	77	2	1	1	3	0	34	0	25	7	4	0	0	7	1	0.73	38	191
FDTIR-57	70	71	19	2	1	1	2	0	7	0	8	3	2	0	0	8	1	0.51	12	63



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-58	3	4	291	5	2	3	8	1	112	0	90	25	13	1	0	15	1	7.15	136	666
FDTIR-58	4	5	214	4	2	3	6	1	88	0	69	20	11	1	0	14	2	5.7	104	509
FDTIR-58	5	6	38	2	1	0	2	0	12	0	9	3	2	0	0	10	1	2.2	13	96
FDTIR-58	6	7	84	2	1	1	2	0	21	0	14	4	3	0	0	12	2	3.23	22	174
FDTIR-58	7	8	574	8	3	5	13	1	342	0	164	53	22	2	0	29	3	9.4	256	1,433
FDTIR-58	8	9	992	8	3	6	14	1	404	0	184	61	26	2	0	26	3	12.47	288	2,029
FDTIR-58	9	10	456	7	3	4	10	1	267	0	99	34	15	1	0	27	3	8.55	156	1,089
FDTIR-58	10	11	2,140	7	3	4	10	1	283	1	98	33	14	1	0	28	4	13.59	154	3,079
FDTIR-58	11	12	1,703	21	7	15	38	3	1,015	1	409	138	54	4	1	64	4	12.25	643	4,079
FDTIR-58	12	13	1,197	16	5	12	30	2	995	0	364	127	47	3	1	45	3	12.27	579	3,341
FDTIR-58	13	14	1,456	11	3	11	26	2	1,131	0	385	142	45	3	0	30	2	14.28	620	3,809
FDTIR-58	14	15	5,958	66	19	56	138	9	2,137	1	1,552	456	219	15	2	174	11	26.8	2,362	12,683
FDTIR-58	15	16	4,536	52	16	45	107	7	1,776	1	1,281	382	184	11	2	164	10	26.8	1,957	10,061
FDTIR-58	16	17	4,528	60	18	57	130	8	1,738	1	1,568	443	228	14	2	196	10	27.7	2,365	10,564
FDTIR-58	17	18	1,979	21	7	18	42	3	688	1	492	144	69	5	1	66	6	15.55	748	4,155
FDTIR-58	18	19	1,083	26	11	20	47	4	687	1	541	157	81	5	1	87	9	8.43	821	3,243
FDTIR-58	19	20	1,132	28	11	25	56	4	739	1	676	190	98	6	1	90	8	7.23	1,018	3,600
FDTIR-58	20	21	1,934	32	11	31	71	5	839	1	846	232	126	8	1	96	7	8.2	1,267	4,974
FDTIR-58	21	22	1,728	49	17	43	104	7	1,136	1	1,136	306	171	11	2	186	11	10.52	1,696	5,767
FDTIR-58	22	23	1,434	19	6	16	37	3	708	1	504	154	67	4	1	57	5	8.42	774	3,538
FDTIR-58	23	24	1,042	19	5	19	42	3	640	0	566	160	77	4	1	53	4	7.49	854	3,093
FDTIR-58	24	25	1,298	28	9	30	67	4	1,026	1	879	249	121	7	1	81	5	10.87	1,326	4,466
FDTIR-58	25	26	3,496	23	6	24	53	3	862	1	723	205	100	5	1	60	4	9.15	1,091	6,527
FDTIR-58	26	27	1,230	29	8	29	65	4	757	1	802	217	118	7	1	74	5	10.15	1,197	3,925
FDTIR-58	27	28	1,583	35	10	35	81	5	968	1	949	256	139	8	1	93	6	9.96	1,417	4,892
FDTIR-58	28	29	1,450	31	9	29	69	4	853	1	807	217	118	7	1	86	6	9.42	1,204	4,328
FDTIR-58	29	30	1,732	32	9	27	67	4	877	1	753	208	107	7	1	94	6	7.68	1,129	4,606
FDTIR-58	30	31	1,615	26	9	22	55	4	810	1	629	180	88	6	1	86	6	7.22	951	4,152
FDTIR-58	31	32	1,619	29	8	29	67	4	894	1	810	220	115	7	1	86	6	11	1,211	4,571
FDTIR-58	32	33	1,679	22	6	23	53	3	879	0	685	196	92	5	1	58	4	12.95	1,036	4,349
FDTIR-58	33	34	1,406	20	6	20	48	3	640	0	556	156	81	5	1	55	3	14.23	837	3,518
FDTIR-58	34	35	1,112	20	6	16	42	3	509	1	420	117	61	4	1	67	4	8.7	632	2,798
FDTIR-58	35	36	1,003	22	8	15	42	3	471	1	380	107	56	4	1	89	5	7.5	572	2,592
FDTIR-58	36	37	1,474	25	7	22	53	3	698	1	593	168	83	6	1	72	4	11.37	895	3,767
FDTIR-58	37	38	1,272	14	4	15	33	2	615	0	451	135	61	3	0	40	3	11.34	689	3,107
FDTIR-58	38	39	1,723	23	7	22	53	3	799	1	644	186	91	6	1	76	4	14.23	977	4,271
FDTIR-58	39	40	1,259	20	7	17	41	3	581	1	471	135	67	4	1	85	4	9.88	712	3,166
FDTIR-58	40	41	1,289	24	11	17	44	4	620	1	481	140	67	5	1	154	7	9.41	731	3,372
FDTIR-58	41	42	1,159	18	7	16	39	3	582	1	452	130	62	4	1	84	4	9.92	684	3,008
FDTIR-58	42	43	1,248	32	16	19	52	6	555	2	487	135	73	6	2	207	11	12.32	731	3,359
FDTIR-58	43	44	1,353	21	5	20	47	3	649	0	538	153	77	5	1	57	3	13.52	812	3,440
FDTIR-58	44	45	1,241	26	8	21	52	4	587	1	537	144	81	6	1	81	5	11.05	800	3,276
FDTIR-58	45	46	1,459	23	7	22	52	3	699	0	600	169	85	5	1	63	4	14.52	904	3,746
FDTIR-58	46	47	1,338	24	7	22	53	4	608	1	575	152	84	5	1	71	4	13.1	855	3,463
FDTIR-58	47	48	1,435	22	7	20	49	3	636	0	575	158	85	5	1	62	4	13.34	863	3,594
FDTIR-58	48	49	1,521	31	11	25	66	5	667	1	612	165	94	7	1	115	6	15.31	913	3,905
FDTIR-58	49	50	1,628	55	29	27	77	11	634	3	636	167	98	9	4	384	23	14.57	945	4,469
FDTIR-58	50	51	1,360	24	8	21	51	4	663	1	577	162	81	5	1	78	5	14.66	869	3,568
FDTIR-58	51	52	1,199	25	8	20	51	4	575	1	532	143	78	5	1	85	5	11.29	793	3,206
FDTIR-58	52	53	1,094	18	5	17	40	2	503	0	462	126	68	4	1	53	3	10.51	690	2,810
FDTIR-58	53	54	985	13	3	13	27	2	429	0	367	103	51	3	0	34	2	9.45	552	2,383
FDTIR-58	54	55	809	10	3	10	23	1	350	0	290	82	41	2	0	26	1	10.43	438	1,934
FDTIR-58	55	56	2,062	28	7	28	64	4	1,008	0	830	232	116	7	1	75	4	21.39	1,248	5,238
FDTIR-58	56	57	1,657	25	8	24	55	3	768	0	661	183	97	6	1	76	4	17.83	992	4,188
FDTIR-58	57	58	1,110	21	6	17	41	3	527	1	447	125	64	5	1	66	4	14.53	673	2,862
FDTIR-58	58	59	638	13	4	10	27	2	308	0	261	72	38	3	0	44	3	7.8	391	1,669
FDTIR-58	59	60	403	9	3	6	15	1	199	0	160	45	23	2	0	40	3	4.79	241	1,069
FDTIR-58	60	61	470	11	4	7	18	2	252	0	199	56	29	2	0	47	3	5.46	300	1,293
FDTIR-58	61	62	473	9	3	7	17	1	244	0	184	54	26	2	0	32	2	5.84	280	1,239
FDTIR-58	62	63	439	9	3	6	15	1	216	0	171	49	24	2	0	33	2	5.05	258	1,139
FDTIR-58	63	64	68	2	1	1	2	0	29	0	24	7	3	0	0	9	1	0.94	36	175
FDTIR-58	64	65	29	1	1	1	2	0	10	0	10	2	2	0	0	8	1	0.39	14	78



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-59	0	1	2,572	20	7	16	38	3	843	1	459	147	61	4	1	69	5	15.34	713	4,978
FDTIR-59	1	2	1,591	13	5	10	26	2	565	0	300	96	40	3	1	48	3	10.11	466	3,170
FDTIR-59	2	3	2,890	29	10	24	59	4	1,209	1	725	226	100	6	1	99	6	18.77	1,119	6,323
FDTIR-59	3	4	2,148	25	8	19	46	4	1,011	1	565	178	74	5	1	80	6	15.25	874	4,894
FDTIR-59	4	5	2,034	33	11	26	64	5	1,050	1	745	212	104	7	1	114	8	12.3	1,126	5,184
FDTIR-59	5	6	1,290	28	10	23	61	4	807	1	652	179	95	6	1	106	7	11.87	977	3,840
FDTIR-59	6	7	2,123	37	9	39	87	4	1,205	1	1,139	316	163	9	1	88	5	12	1,712	6,132
FDTIR-59	7	8	1,957	35	9	37	87	5	1,046	1	980	263	149	9	1	88	5	13.91	1,461	5,479
FDTIR-59	8	9	1,167	22	6	18	46	3	576	1	474	131	68	5	1	62	4	15.23	712	3,032
FDTIR-59	9	10	1,979	35	11	30	75	5	931	1	812	225	116	8	1	112	6	15	1,220	5,101
FDTIR-59	10	11	1,253	29	9	23	60	4	593	1	565	151	86	6	1	100	5	9.81	842	3,389
FDTIR-59	11	12	1,230	23	8	19	46	3	556	1	494	134	70	5	1	85	5	9.94	738	3,145
FDTIR-59	12	13	1,353	29	12	19	54	5	592	1	507	138	75	6	1	150	8	8.63	757	3,468
FDTIR-59	13	14	962	16	6	13	33	2	458	1	366	104	51	3	1	82	4	7.47	552	2,470
FDTIR-59	14	15	1,373	19	6	18	43	3	647	0	514	147	72	4	1	68	4	10.41	777	3,426
FDTIR-59	15	16	1,067	17	6	14	34	2	485	0	390	111	54	4	1	62	3	8.87	589	2,641
FDTIR-59	16	17	988	16	5	14	33	2	459	0	378	106	54	4	0	59	3	9.26	568	2,490
FDTIR-59	17	18	1,422	31	14	20	50	5	651	1	536	155	77	6	1	176	8	12.14	813	3,708
FDTIR-59	18	19	1,044	16	5	14	34	2	499	0	389	112	56	4	1	56	3	9.44	588	2,623
FDTIR-59	19	20	1,320	20	7	19	44	3	641	1	499	141	73	5	1	68	4	10.13	753	3,339
FDTIR-59	20	21	1,649	21	5	22	50	3	780	0	641	180	88	5	1	55	3	13.19	965	4,108
FDTIR-59	21	22	1,283	12	3	14	29	2	634	0	444	134	57	3	0	31	2	16.32	679	3,105
FDTIR-59	22	23	1,847	23	6	25	55	3	874	0	701	203	95	5	1	54	3	16.29	1,063	4,567
FDTIR-59	23	24	1,712	20	5	22	50	3	817	0	670	190	92	5	0	51	3	15.48	1,011	4,269
FDTIR-59	24	25	1,662	21	5	22	53	3	792	0	658	184	91	5	1	58	3	16.16	989	4,173
FDTIR-59	25	26	1,560	24	7	22	57	4	778	1	636	170	92	6	1	73	4	14.95	947	4,029
FDTIR-59	26	27	1,226	19	6	17	44	3	648	0	514	139	72	4	1	58	4	11.23	767	3,232
FDTIR-59	27	28	1,205	23	7	18	47	3	633	1	512	138	75	5	1	78	5	12.25	763	3,229
FDTIR-59	28	29	1,195	21	7	18	46	3	610	1	510	138	70	5	1	83	5	11.17	763	3,187
FDTIR-59	29	30	1,142	16	5	14	36	2	540	0	428	117	62	4	1	59	3	10.39	641	2,852
FDTIR-59	30	31	1,177	18	7	16	40	3	594	1	482	132	68	4	1	75	4	10.77	723	3,078
FDTIR-59	31	32	1,342	21	7	18	46	3	658	1	531	145	76	5	1	79	5	12.98	794	3,450
FDTIR-59	32	33	1,161	17	5	16	39	3	556	0	463	124	67	4	1	54	4	12.7	690	2,949
FDTIR-59	33	34	1,203	15	5	15	37	2	614	0	461	127	66	4	1	47	3	13.12	691	3,049
FDTIR-59	34	35	1,454	17	5	17	41	3	736	0	549	154	76	4	1	54	3	14.88	827	3,654
FDTIR-59	35	36	1,381	18	6	17	42	3	673	1	524	144	74	4	1	61	4	14.42	785	3,463
FDTIR-59	36	37	777	14	4	11	30	2	377	0	324	85	49	3	1	52	3	7.72	480	2,034
FDTIR-59	37	38	634	9	3	8	19	1	286	0	230	63	33	2	0	32	2	5.86	344	1,553
FDTIR-59	38	39	484	8	3	6	16	1	230	0	179	50	25	2	0	32	2	5.48	268	1,219
FDTIR-59	39	40	496	8	3	7	17	1	235	0	188	52	27	2	0	32	2	5.45	281	1,258
FDTIR-59	40	41	82	2	1	1	4	0	47	0	37	10	5	0	0	10	1	0.95	55	238
FDTIR-59	41	41.9	20	1	1	0	2	0	12	0	9	2	2	0	0	7	1	0.48	13	67

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-60	35	36	55	2	1	0	2	0	19	0	11	3	2	0	0	11	1	4.11	17	128
FDTIR-60	36	37	113	3	2	0	3	1	43	0	25	8	4	0	0	17	2	5.57	39	261
FDTIR-60	37	38	59	2	1	0	2	0	19	0	12	3	2	0	0	14	2	3.64	18	139
FDTIR-60	38	39	94	2	2	1	3	1	22	0	15	4	3	0	0	15	2	4.97	22	192
FDTIR-60	39	40	158	3	2	1	3	1	34	0	22	6	4	1	0	17	2	6.03	34	299
FDTIR-60	40	41	201	3	2	1	3	1	33	0	21	6	4	0	0	15	2	4.37	32	343
FDTIR-60	41	42	301	2	1	1	2	0	36	0	15	5	3	0	0	11	1	4.52	24	446
FDTIR-60	42	43	266	2	2	1	2	0	34	0	20	6	3	0	0	14	2	3.99	31	414
FDTIR-60	43	44	231	3	2	1	4	1	39	0	34	10	5	1	0	16	2	4.04	51	407
FDTIR-60	44	45	694	6	3	2	8	1	109	0	84	25	13	1	0	28	3	4.34	129	1,147
FDTIR-60	45	46	925	5	3	2	7	1	76	1	63	18	10	1	1	24	4	8.3	94	1,336
FDTIR-60	46	47	1,777	9	3	7	17	1	365	0	235	70	33	2	0	31	3	9.67	358	2,995
FDTIR-60	47	48	977	10	4	6	18	2	621	0	217	72	29	2	1	35	3	10.95	340	2,344
FDTIR-60	48	49	1,012	12	4	8	22	2	783	1	296	98	39	2	1	39	4	12.6	463	2,726
FDTIR-60	49	50	860	9	3	7	17	1	649	0	227	77	29	2	0	24	2	16.38	358	2,238
FDTIR-60	50	51	2,534	38	11	33	84	5	1,443	1	964	294	139	9	1	95	7	24.24	1,480	6,637
FDTIR-60	51	52	2,873	42	11	40	97	6	1,462	1	1,270	358	175	10	1	105	7	20.7	1,914	7,575
FDTIR-60	52	53	2,315	38	11	34	85	5	1,424	1	1,009	304	144	9	1	101	7	17.37	1,544	6,437
FDTIR-60	53	54	3,895	45	14	42	100	6	1,415	1	1,279	355	179	10	2	138	8	17.38	1,921	8,784
FDTIR-60	54	55	2,971	39	11	39	95	5	1,409	1	1,175	345	170	9	1	102	6	16.55	1,788	7,483
FDTIR-60	55	56	2,307	29	8	27	66	4	923	1	796	215	118	7	1	76	5	13.03	1,188	5,371
FDTIR-60	56	57	1,813	29	8	29	72	4	1,029	0	869	255	127	7	1	75	4	14.6	1,322	5,070
FDTIR-60	57	58	1,163	20	6	18	45	3	645	0	537	145	78	4	1	53	4	10.48	801	3,193
FDTIR-60	58	59	824	16	6	12	30	3	491	1	361	101	52	3	1	56	6	6.89	543	2,304
FDTIR-60	59	60	940	24	9	19	49	4	728	1	553	151	81	5	1	81	7	5.78	827	3,114
FDTIR-60	60	61	1,385	35	13	25	70	6	694	1	684	176	104	7	2	155	10	8.23	1,011	3,960
FDTIR-60	61	62	422	12	5	8	20	2	239	1	225	60	34	2	1	48	5	2.77	335	1,273
FDTIR-60	62	63	577	15	5	13	30	2	414	0	390	106	54	3	1	42	4	4.04	583	1,945
FDTIR-60	63	64	670	15	4	13	32	2	397	0	375	103	54	3	0	40	3	4.08	561	2,008
FDTIR-60	64	65	1,077	61	20	50	131	9	878	2	1,133	267	185	14	2	200	12	6.34	1,644	4,749
FDTIR-60	65	66	1,883	122	53	60	191	21	967	5	1,211	281	201	23	6	646	35	10.91	1,752	6,737
FDTIR-60	66	67	1,264	88	42	34	129	17	647	4	668	158	109	15	5	559	26	5.95	971	4,459
FDTIR-60	67	68	1,305	46	19	25	81	8	648	2	559	148	84	9	2	250	12	7.53	831	3,769
FDTIR-60	68	69	1,557	24	8	20	54	4	819	1	573	166	79	5	1	94	5	7.4	869	4,004
FDTIR-60	69	70	1,617	20	7	18	42	3	694	1	542	158	75	4	1	75	4	9.59	823	3,827
FDTIR-60	70	71	1,762	24	8	22	52	4	852	1	653	187	89	5	1	99	5	11.96	987	4,416
FDTIR-60	71	72	1,275	19	6	16	39	3	611	0	481	137	68	4	1	65	4	9.07	728	3,204
FDTIR-60	72	73	1,193	17	6	15	33	3	523	1	413	118	58	4	1	68	4	9.23	624	2,882
FDTIR-60	73	74	1,113	20	8	14	37	3	502	1	390	111	58	4	1	91	5	7.37	588	2,772
FDTIR-60	74	75	1,099	19	8	14	36	3	509	1	393	113	56	4	1	94	5	7.22	595	2,768
FDTIR-60	75	76	1,404	20	8	17	43	3	640	1	510	147	71	4	1	91	4	10.91	772	3,480
FDTIR-60	76	77	1,404	19	7	18	44	3	696	1	528	150	73	5	1	86	4	10.44	797	3,567
FDTIR-60	77	78	1,323	24	11	18	44	4	641	1	510	145	71	5	1	143	7	10.55	770	3,466
FDTIR-60	78	79	1,089	18	7	15	36	3	506	1	404	114	59	4	1	77	4	8.73	610	2,745
FDTIR-60	79	80	1,387	45	23	23	63	9	680	3	548	150	84	8	3	271	18	8.88	820	3,906
FDTIR-60	80	81	1,840	23	6	24	55	3	947	0	685	195	95	6	1	60	3	16.05	1,035	4,627
FDTIR-60	81	82	1,821	25	8	22	54	3	959	1	692	202	93	6	1	70	4	14.26	1,052	4,648
FDTIR-60	82	83	1,945	21	6	23	52	3	991	0	731	214	98	5	1	53	3	17.2	1,111	4,861
FDTIR-60	83	84	1,303	17	5	17	39	2	685	0	500	147	65	4	0	49	3	10.17	760	3,326
FDTIR-60	84	85	2,018	22	7	22	49	3	925	0	697	204	95	5	1	58	4	20.83	1,059	4,821
FDTIR-60	85	86	1,910	22	5	23	53	3	998	0	718	212	96	5	0	51	2	20.25	1,093	4,808
FDTIR-60	86	87	1,713	17	5	19	40	2	782	0	574	169	76	4	1	45	3	13.53	873	4,046
FDTIR-60	87	88	1,024	16	5	15	36	2	511	0	413	115	56	4	1	52	3	9.84	621	2,643
FDTIR-60	88	89	1,277	27	10	21	55	4	594	1	523	144	80	6	1	118	6	12.3	784	3,371
FDTIR-60	89	90	688	14	5	11	28	2	314	0	277	75	43	3	1	61	3	7.12	415	1,793
FDTIR-60	90	91	302	6	2	4	12	1	136	0	108	31	16	1	0	22	1	3.22	163	754
FDTIR-60	91	92	655	15	6	11	29	2	359	0	293	81	43	3	1	58	3	5.62	439	1,831
FDTIR-60	92	93	580	12	5	10	24	2	319	0	257	73	39	3	0	47	3	6.16	388	1,614
FDTIR-60	93	94	487	7	2	7	15	1	252	0	194	55	27	2	0	27	2	5.32	293	1,266
FDTIR-60	94	95	384	5	2	4	10	1	188	0	137	40	18	1	0	15	1	3.94	208	946
FDTIR-60	95	96	142	3	1	2	6	0	69	0	57	16	9	1	0	12	1	1.63	86	376
FDTIR-60	96	97	388	9	3	7	17	1	229	0	188	52	28	2	0	32	2	4.01	282	1,127

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-61	0	1	1,968	57	20	48	119	8	1,296	2	1,310	345	191	12	2	215	12	11.06	1,945	6,586
FDTIR-61	1	2	2,210	50	17	44	108	7	1,314	1	1,254	342	180	11	2	176	10	12.28	1,876	6,725
FDTIR-61	2	3	2,912	37	12	34	79	5	1,226	1	993	286	138	9	1	117	8	10.85	1,503	6,875
FDTIR-61	3	4	1,867	30	9	30	67	4	1,153	1	904	262	125	7	1	81	5	15.62	1,371	5,335
FDTIR-61	4	5	1,904	27	8	26	59	4	982	1	735	212	101	6	1	77	5	13.68	1,113	4,865
FDTIR-61	5	6	1,537	32	10	27	68	5	801	1	706	186	103	7	1	105	6	9.04	1,048	4,219
FDTIR-61	6	7	1,383	32	11	25	63	5	683	1	635	168	94	7	1	121	7	8.79	944	3,803
FDTIR-61	7	8	1,701	39	15	31	77	6	885	1	822	215	118	8	2	161	10	11.62	1,219	4,807
FDTIR-61	8	9	1,565	25	8	24	55	4	859	1	680	190	96	6	1	81	5	13.16	1,022	4,223
FDTIR-61	9	10	1,746	23	7	21	51	3	868	0	594	171	84	5	1	76	4	9.78	900	4,289
FDTIR-61	10	11	1,867	27	8	25	59	4	941	0	724	206	103	6	1	85	5	12.39	1,093	4,765
FDTIR-61	11	12	1,561	24	7	22	53	3	822	1	630	177	89	5	1	76	4	11.05	949	4,077
FDTIR-61	12	13	1,753	21	6	20	46	3	838	0	619	182	84	5	1	65	4	19.44	942	4,279
FDTIR-61	13	14	1,661	30	9	25	63	4	828	1	697	191	103	6	1	98	5	12.62	1,045	4,371
FDTIR-61	14	15	1,630	30	8	25	65	4	797	0	684	186	102	6	1	88	5	13.32	1,023	4,262
FDTIR-61	15	16	1,541	22	6	21	49	3	791	0	615	174	88	5	1	61	4	12.61	928	3,965
FDTIR-61	16	17	1,409	20	6	19	43	3	743	0	551	158	78	4	1	53	3	12.68	834	3,626
FDTIR-61	17	18	1,839	20	6	20	45	3	842	0	632	185	87	4	1	54	3	16.86	960	4,388
FDTIR-61	18	19	1,693	22	6	21	50	3	816	0	634	182	89	5	1	66	4	14.76	959	4,216
FDTIR-61	19	20	1,557	24	7	19	47	3	698	0	563	159	79	5	1	81	5	13.55	848	3,812
FDTIR-61	20	21	1,476	21	6	19	47	3	689	0	545	154	78	5	1	62	4	12.57	821	3,649
FDTIR-61	21	22	1,426	23	7	21	52	3	733	0	601	166	88	5	1	66	4	12.85	902	3,751
FDTIR-61	22	23	1,777	30	8	28	67	4	961	1	795	218	115	7	1	82	5	13.65	1,190	4,806
FDTIR-61	23	24	1,763	27	7	25	59	4	891	0	728	203	103	6	1	76	4	15.29	1,095	4,574
FDTIR-61	24	25	1,868	29	8	27	64	4	902	1	792	218	112	6	1	76	5	15.64	1,188	4,825
FDTIR-61	25	26	1,425	17	5	16	37	2	591	0	469	132	66	4	1	47	3	8.91	706	3,300
FDTIR-61	26	27	978	14	4	13	32	2	515	0	387	110	55	3	0	40	2	8.2	584	2,530
FDTIR-61	27	28	819	9	3	9	21	1	378	0	277	81	39	2	0	27	2	8.66	421	1,957
FDTIR-61	28	29	1,147	14	4	15	32	2	638	0	467	138	64	3	0	35	2	12.68	712	3,003
FDTIR-61	29	30	1,481	18	5	19	44	2	638	0	543	153	81	4	0	51	3	12.36	818	3,569
FDTIR-61	30	31	1,344	17	5	17	38	2	689	0	524	153	74	4	1	47	3	14.55	796	3,423
FDTIR-61	31	32	1,244	15	5	12	31	2	508	0	348	103	50	3	1	50	3	14.04	530	2,786
FDTIR-61	32	33	1,329	16	5	14	33	2	559	0	397	118	57	3	1	56	3	16.26	606	3,044
FDTIR-61	33	34	1,328	29	10	23	60	4	681	1	582	157	88	6	1	116	6	11.37	868	3,632
FDTIR-61	34	35	370	8	3	8	18	1	172	0	223	56	32	2	0	24	2	1.28	328	1,078
FDTIR-61	35	36	53	2	1	1	3	0	25	0	23	6	4	0	0	9	1	0.76	34	151
FDTIR-61	36	37.15	19	2	1	0	1	0	10	0	9	2	2	0	0	9	1	0.46	13	67



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-62	11	12	231	3	2	1	2	1	23	0	15	4	3	0	0	14	2	3.53	23	353
FDTIR-62	12	13	248	4	3	1	4	1	36	0	34	9	6	1	0	22	3	4.03	51	439
FDTIR-62	13	14	1,564	7	3	4	10	1	257	0	110	36	16	1	0	26	3	9.15	171	2,390
FDTIR-62	14	15	1,538	11	4	8	20	2	421	0	251	79	36	2	1	35	3	10.97	388	2,828
FDTIR-62	15	16	2,406	17	6	12	31	2	1,089	1	369	128	51	3	1	51	5	10.85	585	4,893
FDTIR-62	16	17	1,919	16	5	12	30	2	941	0	340	112	42	3	1	38	4	11.8	532	4,064
FDTIR-62	17	18	1,104	13	4	9	22	2	620	0	282	93	37	2	1	37	3	12.02	441	2,616
FDTIR-62	18	19	3,847	23	6	25	52	3	1,207	0	780	244	102	5	1	58	4	19.88	1,205	7,453
FDTIR-62	19	20	5,065	42	10	49	100	5	1,747	1	1,473	451	195	10	1	99	6	28.7	2,262	10,851
FDTIR-62	20	21	3,615	38	10	37	84	5	1,626	1	1,115	363	159	8	1	89	6	28.9	1,739	8,395
FDTIR-62	21	22	3,401	43	11	44	100	5	1,671	1	1,384	411	186	10	1	101	6	33	2,112	8,651
FDTIR-62	22	23	793	25	9	17	47	4	579	1	445	126	62	5	1	97	7	5.16	671	2,605
FDTIR-62	23	24	1,390	65	26	46	123	10	1,317	2	1,285	358	184	13	3	284	18	10.16	1,932	6,030
FDTIR-62	24	25	1,935	64	22	50	133	10	1,231	2	1,397	368	199	13	2	239	14	10.28	2,075	6,675
FDTIR-62	25	26	2,021	106	37	75	208	16	1,662	3	1,992	517	295	22	4	404	24	12.15	2,949	8,687
FDTIR-62	26	27	936	18	5	17	42	3	538	0	496	136	73	4	1	51	4	6	742	2,726
FDTIR-62	27	28	762	15	4	13	32	2	443	0	406	111	56	3	1	45	3	4.42	608	2,226
FDTIR-62	28	29	1,145	19	6	18	42	3	563	0	524	142	73	4	1	53	4	5.55	783	3,047
FDTIR-62	29	30	1,027	25	7	25	58	3	718	0	698	185	99	6	1	63	4	5.3	1,038	3,426
FDTIR-62	30	31	921	22	6	22	52	3	601	0	591	153	84	5	1	60	4	5.59	874	2,962
FDTIR-62	31	32	1,099	25	8	23	57	3	630	1	617	162	89	6	1	77	5	6.91	916	3,290
FDTIR-62	32	33	1,860	73	34	36	107	13	895	3	884	235	135	13	4	422	24	8.77	1,316	5,590
FDTIR-62	33	34	1,405	144	79	39	154	29	802	8	774	203	126	22	9	1,143	54	6.67	1,149	5,952
FDTIR-62	34	35	1,775	42	16	28	80	7	923	1	772	213	106	8	2	184	11	10.25	1,157	4,897
FDTIR-62	35	36	1,554	27	10	20	52	4	782	1	576	166	79	5	1	116	7	8.14	873	3,993
FDTIR-62	36	37	1,432	22	8	17	44	3	706	1	512	148	69	5	1	93	6	7.49	776	3,602
FDTIR-62	37	38	1,791	24	8	22	52	3	832	1	664	191	90	5	1	93	5	12.95	1,006	4,440
FDTIR-62	38	39	1,414	20	6	18	41	3	660	1	524	151	71	4	1	73	4	10.98	794	3,511
FDTIR-62	39	40	1,107	16	6	14	34	2	542	0	401	114	54	4	1	66	4	6.48	606	2,775
FDTIR-62	40	41	1,606	23	7	21	49	3	772	1	614	175	84	5	1	75	4	12.44	928	4,037
FDTIR-62	41	42	1,160	18	6	15	37	2	569	0	433	124	61	4	1	61	4	8.29	655	2,928
FDTIR-62	42	43	1,254	18	5	16	38	2	609	0	462	133	63	4	1	58	3	10.28	699	3,129
FDTIR-62	43	44	1,530	21	6	20	46	3	723	0	579	166	79	5	1	72	4	12.62	876	3,819
FDTIR-62	44	45	1,607	22	6	21	48	3	779	0	627	179	85	5	1	67	4	14.42	948	4,053
FDTIR-62	45	46	1,107	17	5	15	35	2	542	0	421	120	58	4	1	54	3	10.26	637	2,798
FDTIR-62	46	47	937	16	5	13	31	2	496	0	362	104	50	3	1	53	3	8.29	548	2,437
FDTIR-62	47	48	1,077	16	5	14	34	2	575	0	395	115	54	3	1	58	4	7.51	600	2,763
FDTIR-62	48	49	1,073	16	5	14	33	2	573	0	403	116	54	4	1	59	3	7.87	611	2,767
FDTIR-62	49	50	1,359	19	6	18	41	3	658	0	523	149	70	4	1	59	3	11.51	790	3,418
FDTIR-62	50	51	805	13	4	10	27	2	353	0	293	82	41	3	0	47	2	7.93	441	1,975
FDTIR-62	51	52	1,123	16	5	15	35	2	534	0	429	123	60	4	1	49	3	11.4	650	2,814
FDTIR-62	52	53	1,355	18	5	18	42	2	672	0	541	154	73	4	1	53	3	14.03	817	3,451
FDTIR-62	53	54	1,235	16	4	16	37	2	564	0	462	131	62	4	0	49	3	11.57	697	3,035
FDTIR-62	54	55	937	15	5	13	32	2	495	0	387	109	53	3	0	51	3	9.66	583	2,470
FDTIR-62	55	56	1,121	16	5	15	36	2	562	0	447	127	61	4	0	47	3	11.55	675	2,870
FDTIR-62	56	57	1,245	18	5	16	39	2	554	0	466	131	66	4	1	61	3	10.85	702	3,064
FDTIR-62	57	58	1,464	19	5	19	44	3	659	0	557	157	75	4	1	55	3	12.77	839	3,597
FDTIR-62	58	59	1,041	15	4	14	33	2	541	0	432	123	59	3	0	46	3	10.3	653	2,720
FDTIR-62	59	60	940	14	4	12	29	2	480	0	387	109	52	3	0	41	3	9.19	583	2,436
FDTIR-62	60	61	817	12	4	11	26	2	433	0	335	95	45	3	0	38	2	8.03	505	2,138
FDTIR-62	61	62	790	10	3	10	23	1	347	0	297	84	41	2	0	32	2	7.3	447	1,926
FDTIR-62	62	63	862	14	4	12	28	2	410	0	323	92	46	3	0	47	3	8.75	488	2,166
FDTIR-62	63	64	1,181	17	5	16	36	2	552	0	447	128	63	4	1	53	3	10.89	676	2,944
FDTIR-62	64	65	1,160	17	5	16	37	2	584	0	466	133	64	4	1	52	3	12.16	704	2,984
FDTIR-62	65	66	994	17	6	14	34	2	485	0	387	110	56	4	1	60	4	10.83	585	2,551
FDTIR-62	66	67	571	10	3	8	19	1	279	0	223	64	31	2	0	32	2	6.75	337	1,464
FDTIR-62	67	68	60	2	1	1	3	0	31	0	24	7	4	0	0	9	1	0.9	36	167
FDTIR-62	68	69	15	1	1	0	1	0	7	0	6	2	1	0	0	6	1	0.31	9	49



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luuppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-63	9	10	111	3	2	1	2	1	43	0	18	6	3	0	0	13	2	3.61	29	241
FDTIR-63	10	11	93	3	2	1	2	1	33	0	18	5	3	0	0	16	2	2.45	28	211
FDTIR-63	11	12	254	4	2	2	5	1	142	0	48	16	7	1	0	18	2	6.28	75	590
FDTIR-63	12	13	1,507	13	6	8	22	2	681	1	236	79	30	3	1	48	5	9.58	370	3,098
FDTIR-63	13	14	1,334	16	5	10	28	2	731	0	307	101	42	3	1	47	4	17.29	481	3,088
FDTIR-63	14	15	1,242	21	8	13	33	3	773	1	365	118	52	4	1	74	7	12.79	568	3,188
FDTIR-63	15	16	1,379	22	7	16	40	3	1,071	1	475	153	62	4	1	69	5	11.45	740	3,882
FDTIR-63	16	17	1,995	32	10	28	66	5	1,082	1	795	229	112	7	1	97	6	16.63	1,204	5,242
FDTIR-63	17	18	3,054	38	10	34	82	5	1,799	1	1,067	330	136	9	1	92	6	21.12	1,644	7,816
FDTIR-63	18	19	2,954	38	10	37	88	5	1,955	1	1,152	366	146	9	1	91	5	17.72	1,786	8,045
FDTIR-63	19	20	2,683	41	11	42	94	5	1,284	1	1,192	331	172	10	1	105	7	16.17	1,790	7,013
FDTIR-63	20	21	2,662	31	10	31	70	4	998	1	873	240	126	7	1	90	7	12.04	1,309	6,042
FDTIR-63	21	22	1,156	22	8	19	44	3	718	1	545	153	79	5	1	67	6	6.79	820	3,317
FDTIR-63	22	23	1,071	21	8	18	39	3	597	1	497	139	71	4	1	68	7	6.63	747	2,987
FDTIR-63	23	24	1,384	60	21	47	115	9	959	2	1,156	285	183	13	3	217	15	8.42	1,693	5,252
FDTIR-63	24	25	920	18	5	17	37	2	494	0	475	128	71	4	1	49	4	7.64	709	2,611
FDTIR-63	25	26	1,437	118	44	83	216	18	1,243	4	1,957	450	307	24	5	448	32	5.23	2,827	7,518
FDTIR-63	26	27	1,408	92	35	63	176	15	1,093	3	1,495	342	230	19	4	405	25	6	2,157	6,365
FDTIR-63	27	28	959	28	12	17	54	5	467	1	409	105	62	6	1	177	7	6.54	604	2,722
FDTIR-63	28	29	944	16	6	13	33	2	481	0	372	103	52	3	1	70	4	6.15	558	2,465
FDTIR-63	29	30	1,899	25	8	24	57	4	944	1	736	208	100	6	1	101	5	11.71	1,110	4,833
FDTIR-63	30	31	1,235	19	6	17	41	3	662	1	510	144	70	4	1	72	4	8.85	769	3,274
FDTIR-63	31	32	1,266	19	6	17	41	3	674	1	497	140	68	4	1	70	4	9.86	749	3,299
FDTIR-63	32	33	1,467	20	6	19	44	3	731	1	568	161	77	5	1	65	4	7.38	857	3,720
FDTIR-63	33	34	1,386	19	6	17	40	3	719	1	506	146	67	4	1	64	4	8.35	767	3,501
FDTIR-63	34	35	1,265	18	6	17	40	3	629	0	487	137	67	4	1	57	4	9.81	733	3,208
FDTIR-63	35	36	1,357	20	6	19	44	3	737	0	546	152	74	4	1	68	4	11.18	821	3,561
FDTIR-63	36	37	1,150	16	5	15	36	2	587	0	454	127	62	4	1	50	3	9	683	2,947
FDTIR-63	37	38	1,265	19	6	17	41	3	655	0	493	139	69	4	1	64	4	10.48	743	3,262
FDTIR-63	38	39	1,036	16	5	14	32	2	504	0	368	103	51	3	1	55	4	8.31	554	2,574
FDTIR-63	39	40	1,376	20	6	18	43	3	691	0	516	145	71	4	1	64	4	10.96	777	3,476
FDTIR-63	40	41	1,093	16	5	14	34	2	546	0	401	114	55	4	1	55	3	8.82	605	2,752
FDTIR-63	41	42	1,126	17	5	15	36	2	580	0	435	122	61	4	1	55	3	11.07	655	2,890
FDTIR-63	42	43	1,324	18	5	18	41	2	685	0	527	148	72	4	1	53	3	12.28	793	3,404
FDTIR-63	43	44	1,152	17	5	15	36	2	558	0	426	118	58	4	1	58	3	9.83	639	2,880
FDTIR-63	44	45	1,204	18	6	16	38	3	655	0	450	128	63	4	1	61	4	9.15	679	3,111
FDTIR-63	45	46	949	17	6	13	32	2	520	0	359	102	50	3	1	63	4	6.74	541	2,490
FDTIR-63	46	47	1,100	16	5	14	35	2	558	0	422	118	59	4	1	50	3	10.56	635	2,800
FDTIR-63	47	48	1,585	21	6	21	50	3	801	0	625	174	85	5	1	65	3	15.88	939	4,042
FDTIR-63	48	49	1,159	17	5	16	37	2	576	0	456	127	61	4	1	51	3	10.9	685	2,950
FDTIR-63	49	50	1,028	15	4	14	33	2	538	0	409	113	56	3	0	48	3	10.16	614	2,662
FDTIR-63	50	51	963	15	5	13	32	2	493	0	379	106	53	3	0	48	3	10.4	570	2,483
FDTIR-63	51	52	966	14	4	14	32	2	505	0	381	106	54	3	0	47	3	10.01	573	2,503
FDTIR-63	52	53	818	13	4	12	27	2	419	0	325	91	46	3	0	45	3	8.78	489	2,122
FDTIR-63	53	54	1,058	16	5	15	35	2	552	0	419	118	59	4	0	49	3	11.14	631	2,739
FDTIR-63	54	55	1,491	21	6	19	47	3	543	0	498	132	72	5	1	73	3	10.78	740	3,420
FDTIR-63	55	56	1,036	15	4	14	34	2	546	0	411	120	59	3	0	46	2	10.19	625	2,691
FDTIR-63	56	57	877	13	4	12	30	2	437	0	329	96	48	3	0	48	3	7.6	500	2,234
FDTIR-63	57	58	901	13	4	12	30	2	457	0	349	103	50	3	1	48	3	7.84	532	2,321
FDTIR-63	58	59	937	14	5	13	33	2	453	0	364	106	54	3	0	52	3	7.78	553	2,396
FDTIR-63	59	60	851	12	3	11	28	2	402	0	319	93	47	3	0	32	2	8.5	485	2,118
FDTIR-63	60	61	430	4	1	4	9	1	185	0	136	42	18	1	0	12	1	5.54	209	990
FDTIR-63	61	62	1,164	11	3	12	28	1	532	0	384	116	53	3	0	28	2	13.11	588	2,741
FDTIR-63	62	63	1,679	21	5	23	55	3	852	0	697	199	100	5	0	51	3	16.29	1,053	4,331
FDTIR-63	63	64	1,552	19	5	19	45	2	746	0	567	165	81	4	1	53	3	16.46	861	3,828
FDTIR-63	64	65	977	15	4	13	33	2	486	0	360	105	52	3	0	46	3	11.6	546	2,463
FDTIR-63	65	66	492	9	3	7	19	1	232	0	187	54	29	2	0	33	2	5.58	283	1,256
FDTIR-63	66	67	433	9	4	6	16	1	202	1	158	46	24	2	1	49	4	4.81	240	1,125
FDTIR-63	67	68	567	8	3	7	17	1	276	0	198	60	29	2	0	29	2	6.19	304	1,408
FDTIR-63	68	69	480	6	2	5	13	1	215	0	155	47	22	1	0	22	2	4.98	238	1,140
FDTIR-63	69	70	496	6	2	6	13	1	236	0	169	51	23	1	0	20	2	5.04	259	1,203
FDTIR-63	70	71.15	262	4	2	4	9	1	118	0	105	29	14	1	0	15	1	2.23	157	661

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-64	0	1	1,061	7	3	4	12	1	286	0	127	43	17	1	0	29	3	8.45	200	1,871
FDTIR-64	1	2	1,470	8	3	5	14	1	384	0	157	54	22	2	0	29	3	13.62	249	2,527
FDTIR-64	2	3	1,306	8	3	5	13	1	377	0	144	50	19	1	0	28	3	11.47	229	2,298
FDTIR-64	3	4	1,672	8	3	6	15	1	520	0	177	64	23	2	0	29	3	11.91	284	2,959
FDTIR-64	4	5	1,054	13	5	9	26	2	568	0	288	93	38	3	1	47	3	11.71	449	2,524
FDTIR-64	5	6	1,061	11	4	9	22	2	459	0	279	86	41	2	0	35	3	12.38	430	2,364
FDTIR-64	6	7	2,774	15	5	13	31	2	428	1	356	102	54	3	1	46	4	12.18	539	4,496
FDTIR-64	7	8	1,558	11	4	9	21	2	251	0	241	64	36	2	1	37	3	12.01	358	2,628
FDTIR-64	8	9	1,666	23	6	24	56	3	524	1	609	161	100	5	1	59	5	13.99	905	3,804
FDTIR-64	9	10	1,885	21	6	21	49	3	581	1	555	154	84	5	1	57	4	13.66	834	4,017
FDTIR-64	10	11	2,880	29	8	31	73	4	1,019	1	888	254	130	7	1	77	5	13.37	1,342	6,340
FDTIR-64	11	12	2,308	21	6	21	48	3	746	0	651	182	87	5	1	54	3	14.9	979	4,850
FDTIR-64	12	13	2,107	25	7	25	60	3	988	0	743	224	107	6	1	67	4	12.96	1,137	5,123
FDTIR-64	13	14	1,431	20	6	18	44	3	741	0	542	163	79	4	1	61	4	9.49	829	3,658
FDTIR-64	14	15	1,668	22	6	21	50	3	868	0	643	191	92	5	1	61	3	10.1	982	4,265
FDTIR-64	15	16	1,372	20	6	19	47	3	667	0	568	165	83	5	1	61	4	8.87	861	3,543
FDTIR-64	16	17	1,177	19	6	18	43	3	615	0	518	150	78	4	1	58	4	8.6	786	3,161
FDTIR-64	17	18	1,165	20	6	19	45	3	639	0	539	157	81	5	1	60	4	9.96	819	3,220
FDTIR-64	18	19	1,273	41	12	37	91	6	1,021	1	972	268	148	9	1	126	8	9.51	1,457	4,712
FDTIR-64	19	20	1,194	31	12	23	65	5	812	1	620	173	91	7	1	150	8	8.76	931	3,754
FDTIR-64	20	21	1,023	21	8	15	41	3	553	1	391	114	58	4	1	117	5	7.45	594	2,767
FDTIR-64	21	22	1,206	18	6	16	40	3	590	0	448	130	65	4	1	78	3	10.55	680	3,063
FDTIR-64	22	23	1,460	20	7	18	46	3	680	0	517	149	76	5	1	80	4	11.54	783	3,599
FDTIR-64	23	24	838	13	4	11	28	2	443	0	306	92	45	3	1	55	3	9.01	467	2,164
FDTIR-64	24	25	1,176	17	5	16	39	2	620	0	456	133	67	4	1	55	3	11.69	693	3,044
FDTIR-64	25	26	869	15	5	12	31	2	446	0	330	95	49	3	1	51	3	8.73	500	2,243
FDTIR-64	26	27	1,595	19	5	19	45	3	784	0	587	174	83	4	1	52	3	16.22	895	3,956
FDTIR-64	27	28	1,313	17	5	16	38	2	646	0	461	138	65	4	0	47	3	12.44	704	3,231
FDTIR-64	28	29	1,401	22	6	20	47	3	695	0	563	164	78	5	1	67	4	13.82	856	3,610
FDTIR-64	29	30	1,087	15	4	15	34	2	554	0	442	130	61	3	0	42	2	10.87	673	2,806
FDTIR-64	30	31	924	13	4	13	29	2	459	0	372	110	51	3	0	38	2	9.19	568	2,370
FDTIR-64	31	32	944	13	4	13	31	2	508	0	386	115	51	3	0	42	3	8.76	589	2,481
FDTIR-64	32	33	952	12	3	12	27	2	399	0	339	99	48	3	0	37	2	8.83	515	2,270
FDTIR-64	33	34	1,232	18	5	17	40	3	570	0	470	137	68	4	1	62	3	10.86	713	3,087
FDTIR-64	34	35	1,003	15	5	14	34	2	518	0	406	119	58	4	1	54	3	11.05	617	2,623
FDTIR-64	35	36	1,033	16	6	14	35	2	440	0	368	106	53	4	1	57	4	10.99	557	2,511
FDTIR-64	36	37	1,396	18	5	19	43	2	709	0	560	165	78	4	1	52	3	14.91	853	3,585
FDTIR-64	37	38	1,224	17	5	17	39	2	604	0	484	140	66	4	1	53	3	13.7	734	3,120
FDTIR-64	38	39	189	4	1	3	7	1	93	0	75	22	11	1	0	13	1	2.09	114	494
FDTIR-64	39	40	28	1	1	1	2	0	11	0	13	3	2	0	0	6	1	0.43	19	81
FDTIR-64	40	40.9	27	1	1	1	2	0	12	0	14	4	2	0	0	5	1	0.36	21	83

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-65	0	1	425	4	2	2	6	1	155	0	68	23	9	1	0	16	2	3.94	107	838
FDTIR-65	1	2	841	8	3	5	13	1	340	0	145	50	19	1	0	29	3	8.35	229	1,710
FDTIR-65	2	3	1,176	6	2	4	10	1	254	0	119	40	15	1	0	24	2	6.28	187	1,942
FDTIR-65	3	4	1,346	17	6	13	32	2	637	1	387	107	48	3	1	58	4	12.46	580	3,123
FDTIR-65	4	5	3,998	19	6	18	41	3	761	1	510	154	71	4	1	63	5	12.59	781	6,628
FDTIR-65	5	6	2,389	24	8	21	49	3	874	1	616	186	84	5	1	80	6	11.16	943	5,099
FDTIR-65	6	7	7,785	30	8	28	67	4	1,026	1	721	218	108	7	1	88	5	7.01	1,104	11,832
FDTIR-65	7	8	1,605	33	10	28	67	5	983	1	783	232	111	7	1	109	6	12.2	1,195	4,677
FDTIR-65	8	9	1,765	47	16	39	96	7	1,138	1	1,040	300	151	10	2	184	10	12.65	1,575	5,647
FDTIR-65	9	10	2,359	105	46	66	178	19	1,654	4	1,676	483	251	20	5	640	29	8.73	2,539	8,887
FDTIR-65	10	11	1,451	37	14	28	73	6	936	1	802	233	115	8	2	179	9	11.71	1,218	4,581
FDTIR-65	11	12	1,620	30	10	28	66	4	952	1	802	231	112	7	1	113	6	12.51	1,215	4,678
FDTIR-65	12	13	1,660	37	13	30	73	6	943	1	824	235	117	8	1	152	8	12.06	1,246	4,827
FDTIR-65	13	14	1,462	29	10	25	59	4	805	1	665	191	94	6	1	112	6	9.81	1,006	4,075
FDTIR-65	14	15	1,139	28	9	22	56	4	658	1	566	154	83	6	1	104	6	8.56	846	3,331
FDTIR-65	15	16	1,201	20	7	17	42	3	645	1	471	136	67	4	1	83	4	9.11	714	3,175
FDTIR-65	16	17	1,263	18	6	16	37	3	589	0	463	137	64	4	1	62	3	11.58	705	3,128
FDTIR-65	17	18	1,161	16	5	16	36	2	576	0	455	135	62	4	1	58	3	13.38	694	2,970
FDTIR-65	18	19	1,151	18	6	17	40	3	623	0	469	137	66	4	1	68	4	11.75	712	3,059
FDTIR-65	19	20	1,545	22	7	21	49	3	750	0	601	176	82	5	1	80	4	15	914	3,928
FDTIR-65	20	21	1,157	19	6	17	41	3	588	0	498	131	63	4	1	69	4	11.58	740	3,053
FDTIR-65	21	22	1,446	21	6	20	48	3	724	0	577	169	81	5	1	69	4	15.76	877	3,724
FDTIR-65	22	23	1,753	25	7	23	56	4	841	1	677	199	93	6	1	82	4	18.21	1,030	4,427
FDTIR-65	23	24	1,141	24	9	18	47	4	637	1	511	148	72	5	1	102	6	14.35	775	3,203
FDTIR-65	24	25	1,352	25	8	20	51	4	683	1	599	157	77	5	1	96	5	12.18	888	3,621
FDTIR-65	25	26	1,062	25	11	17	45	4	557	1	455	130	64	5	1	138	7	10.52	688	2,970
FDTIR-65	26	27	1,288	20	6	18	44	3	597	0	514	146	72	4	1	60	3	11.7	776	3,259
FDTIR-65	27	28	876	10	3	10	23	1	433	0	322	98	43	2	0	29	2	10.6	494	2,175
FDTIR-65	28	29	1,114	14	4	13	30	2	537	0	397	121	55	3	0	44	3	11.9	610	2,744
FDTIR-65	29	30	1,014	14	5	13	30	2	455	0	367	108	52	3	0	46	3	11.38	558	2,478
FDTIR-65	30	31	840	14	4	12	28	2	380	0	315	91	46	3	1	45	3	11.57	478	2,095
FDTIR-65	31	32	861	16	5	13	31	2	395	0	338	97	49	3	1	55	4	11.63	511	2,193
FDTIR-65	32	33	1,152	20	6	17	41	3	568	1	441	124	64	4	1	64	4	12.77	664	2,944
FDTIR-65	33	34	561	11	3	9	23	1	273	0	228	63	35	2	0	29	2	5.72	342	1,459
FDTIR-65	34	35	14	1	1	0	1	0	4	0	5	2	1	0	0	6	1	0.38	8	43
FDTIR-65	35	36	22	1	1	0	1	0	9	0	8	3	2	0	0	5	1	0.46	12	63

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-66	0	1	128	3	2	1	3	1	68	0	31	11	5	0	0	15	2	2.65	49	318
FDTIR-66	1	2	549	5	3	3	8	1	246	0	88	31	12	1	0	20	2	6.35	139	1,138
FDTIR-66	2	3	1,362	12	4	10	24	2	876	0	301	102	41	3	0	37	3	10.83	474	3,256
FDTIR-66	3	4	1,588	15	5	13	31	2	1,303	0	401	147	50	3	0	48	3	15.46	646	4,234
FDTIR-66	4	5	2,055	10	3	9	19	1	948	0	301	112	36	2	0	29	2	15.67	486	4,136
FDTIR-66	5	6	3,283	34	10	36	76	5	1,591	1	1,077	322	150	8	1	87	7	20.22	1,646	7,844
FDTIR-66	6	7	3,959	49	13	49	109	6	2,106	1	1,451	441	203	11	1	118	9	24.25	2,226	10,004
FDTIR-66	7	8	3,384	46	13	44	102	6	1,703	1	1,300	390	186	10	1	113	7	26.5	1,989	8,571
FDTIR-66	8	9	4,185	49	14	49	107	6	1,733	1	1,356	411	199	11	1	127	8	24.61	2,078	9,687
FDTIR-66	9	10	1,512	29	12	18	45	5	884	1	474	147	69	5	2	98	11	13.15	731	3,889
FDTIR-66	10	11	2,648	37	13	30	70	5	1,227	1	815	240	118	7	1	115	10	16.76	1,241	6,264
FDTIR-66	11	12	1,098	25	10	18	45	4	744	1	522	154	76	5	1	98	7	9.89	794	3,299
FDTIR-66	12	13	1,101	22	7	19	43	3	681	1	556	159	80	4	1	74	5	6.98	840	3,236
FDTIR-66	13	14	1,343	27	8	28	60	4	861	1	818	228	116	6	1	80	5	10.17	1,230	4,208
FDTIR-66	14	15	3,696	26	8	27	59	4	891	1	798	220	117	6	1	77	5	8.45	1,197	6,960
FDTIR-66	15	16	1,452	22	6	20	47	3	645	1	567	156	83	5	1	64	4	6.29	851	3,608
FDTIR-66	16	17	1,160	54	18	45	113	8	1,089	1	1,177	302	181	12	2	187	12	7.51	1,739	5,128
FDTIR-66	17	18	1,175	99	45	56	162	17	1,361	4	1,398	351	210	18	5	493	33	7.7	2,055	6,403
FDTIR-66	18	19	1,414	72	33	40	114	12	965	3	966	250	149	13	4	431	21	6.75	1,430	5,294
FDTIR-66	19	20	1,691	55	21	44	111	9	1,104	2	1,144	295	173	12	2	233	14	8.15	1,691	5,771
FDTIR-66	20	21	1,533	31	9	30	70	4	858	1	839	225	124	7	1	92	6	9.8	1,250	4,494
FDTIR-66	21	22	3,164	30	9	30	68	4	998	1	808	224	120	7	1	85	6	8.78	1,213	6,514
FDTIR-66	22	23	2,062	50	18	39	99	7	981	2	962	251	149	10	2	189	12	14.39	1,426	5,679
FDTIR-66	23	24	1,584	36	12	29	73	5	805	1	721	186	109	8	1	116	8	8.39	1,066	4,338
FDTIR-66	24	25	1,368	33	10	26	67	5	752	1	622	166	93	7	1	96	6	8.29	926	3,817
FDTIR-66	25	26	1,296	26	9	20	51	4	689	1	519	145	77	5	1	88	5	9.13	780	3,446
FDTIR-66	26	27	1,141	21	7	16	41	3	593	1	443	126	64	4	1	77	5	9.24	669	2,986
FDTIR-66	27	28	1,168	19	6	15	37	3	569	0	433	122	63	4	1	59	4	10.05	652	2,937
FDTIR-66	28	29	1,329	26	10	19	48	4	646	1	511	142	75	5	1	110	6	11.12	768	3,448
FDTIR-66	29	30	1,380	29	10	21	53	4	681	1	544	151	82	6	1	105	6	12.64	817	3,610
FDTIR-66	30	31	1,417	35	14	23	60	6	738	1	572	160	85	7	2	150	9	11.18	861	3,854
FDTIR-66	31	32	1,248	31	14	19	51	5	687	1	476	134	72	6	2	156	9	8.41	717	3,424
FDTIR-66	32	33	1,360	27	11	20	51	4	723	1	538	151	78	5	1	120	7	9.78	811	3,641
FDTIR-66	33	34	1,557	28	11	21	52	5	782	1	583	165	83	6	1	134	7	15.05	880	4,036
FDTIR-66	34	35	1,495	31	11	26	65	5	764	1	673	178	100	7	1	116	6	13.19	1,001	4,085
FDTIR-66	35	36	1,514	22	7	20	47	3	775	1	583	167	82	5	1	72	4	12.86	882	3,875
FDTIR-66	36	37	1,540	28	9	26	63	4	807	1	712	189	104	6	1	97	5	14	1,059	4,218
FDTIR-66	37	38	1,355	19	5	19	43	2	676	0	541	151	77	4	1	50	3	13.36	813	3,457
FDTIR-66	38	39	2,388	43	10	43	106	5	1,299	0	1,165	310	170	10	1	99	4	16.29	1,733	6,632
FDTIR-66	39	40	1,570	19	5	20	47	2	857	0	628	184	86	5	0	41	2	15.74	955	4,067
FDTIR-66	40	41	758	9	2	10	22	1	380	0	297	88	40	2	0	22	1	7.78	452	1,914
FDTIR-66	41	42	1,191	15	4	16	36	2	614	0	465	133	65	4	0	37	2	13.09	703	3,030
FDTIR-66	42	43	1,630	23	7	23	51	3	895	0	669	190	94	5	1	75	4	13.68	1,010	4,308
FDTIR-66	43	44.4	1,282	20	7	17	40	3	649	1	475	135	69	4	1	69	4	13.79	718	3,258
FDTIR-66	46.15	47	776	11	5	8	20	2	268	0	195	56	30	2	1	44	3	4.38	294	1,667
FDTIR-66	47	48	208	3	1	2	6	1	79	0	61	17	10	1	0	14	1	1.51	91	475
FDTIR-66	48	49	76	2	1	1	3	0	32	0	25	7	4	0	0	10	1	0.75	38	192
FDTIR-66	49	50.35	12	1	0	0	1	0	6	0	5	1	1	0	0	4	0	0.1	7	38

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-67	2	3	76	2	1	1	3	0	51	0	30	9	4	0	0	12	2	1.26	47	228
FDTIR-67	3	4	69	2	1	0	2	0	17	0	9	3	2	0	0	13	2	3.76	14	144
FDTIR-67	4	5	158	3	2	1	2	1	30	0	19	6	3	0	0	15	2	5.21	30	283
FDTIR-67	5	6	285	3	2	2	4	1	59	0	47	14	7	1	0	14	2	4.31	72	517
FDTIR-67	6	7	350	3	2	1	3	1	48	0	26	8	5	1	0	17	2	4.59	40	548
FDTIR-67	7	8	1,925	14	5	10	25	2	766	1	280	93	38	3	1	46	4	11.4	439	3,767
FDTIR-67	8	9	2,097	40	17	29	70	6	1,006	1	774	220	112	8	2	203	10	12.66	1,168	5,404
FDTIR-67	9	10	2,382	33	9	31	76	4	862	1	866	233	128	7	1	102	5	8.54	1,292	5,564
FDTIR-67	10	11	849	14	4	14	31	2	422	0	427	118	61	3	0	41	3	6.07	640	2,334
FDTIR-67	11	12	950	22	7	22	49	3	617	1	599	160	88	5	1	61	4	6.07	891	3,037
FDTIR-67	12	13	1,644	103	31	78	206	14	1,490	2	1,783	453	291	22	3	287	19	7.76	2,628	7,552
FDTIR-67	13	14	1,389	79	38	36	119	14	957	3	819	203	123	14	4	505	25	7.14	1,201	5,116
FDTIR-67	14	15	1,424	28	11	21	57	5	759	1	568	159	80	6	1	153	7	7.75	854	3,855
FDTIR-67	15	16	1,486	20	7	18	41	3	749	1	533	153	73	4	1	70	4	8.76	806	3,711
FDTIR-67	16	17	1,142	18	7	15	36	3	662	1	429	124	58	4	1	72	5	5.8	651	3,024
FDTIR-67	17	18	1,756	23	7	22	51	3	852	1	643	183	90	5	1	81	4	11.11	971	4,368
FDTIR-67	18	19	1,304	19	6	16	38	3	672	0	479	137	67	4	1	64	4	8.74	725	3,302
FDTIR-67	19	20	1,421	20	6	18	40	3	685	0	502	143	71	4	1	64	4	9.58	758	3,498
FDTIR-67	20	21	1,168	17	5	14	33	2	625	0	414	120	58	3	1	57	3	7.1	627	2,959
FDTIR-67	21	22	1,163	18	6	15	35	2	552	0	420	119	61	4	1	57	3	9.86	633	2,882
FDTIR-67	22	23	1,391	19	6	17	40	3	685	0	495	141	71	4	1	64	4	9.74	747	3,450
FDTIR-67	23	24	1,185	17	6	16	37	2	652	0	470	134	66	4	1	56	4	9.47	710	3,110
FDTIR-67	24	25	1,159	16	6	14	34	2	523	0	393	110	56	3	1	57	4	9.46	592	2,792
FDTIR-67	25	26	1,072	16	5	14	33	2	538	0	387	111	54	3	1	52	3	8.46	585	2,689
FDTIR-67	26	27	1,208	18	6	16	37	3	689	1	432	125	60	4	1	72	4	7.41	655	3,140
FDTIR-67	27	28	1,112	16	5	15	34	2	594	0	413	117	58	3	1	55	3	8.61	623	2,849
FDTIR-67	28	29	1,618	21	6	21	49	3	815	0	621	176	89	5	1	58	3	13.77	937	4,087
FDTIR-67	29	30	1,541	20	5	20	45	3	763	0	584	165	82	5	1	57	3	12.98	880	3,863
FDTIR-67	30	31	828	15	5	12	29	2	408	0	327	91	48	3	1	58	4	8.14	492	2,151
FDTIR-67	31	32	1,388	19	6	18	43	3	692	0	510	143	72	4	1	62	3	11.58	768	3,478
FDTIR-67	32	33	1,720	20	5	21	46	3	840	0	627	181	87	5	1	53	3	15.93	950	4,235
FDTIR-67	33	34	1,546	21	6	20	48	3	787	0	598	168	84	5	1	58	3	13.98	901	3,929
FDTIR-67	34	35	1,216	17	5	16	38	2	620	0	469	132	66	4	1	56	3	11.16	707	3,106
FDTIR-67	35	36	1,148	16	5	15	35	2	575	0	433	122	61	4	1	55	3	10.44	652	2,904
FDTIR-67	36	37	918	14	5	13	30	2	428	0	340	95	51	3	0	50	3	8.22	512	2,291
FDTIR-67	37	38	1,684	22	6	21	48	3	809	0	624	177	89	5	1	63	3	13.14	941	4,170
FDTIR-67	38	39	1,240	16	5	15	35	2	586	0	456	129	64	4	0	55	3	10.78	689	3,064
FDTIR-67	39	40	1,346	20	6	19	44	3	663	0	533	148	76	4	1	63	4	11.32	800	3,438
FDTIR-67	40	41	1,438	23	7	20	49	3	720	0	552	157	79	5	1	72	4	11.34	833	3,672
FDTIR-67	41	42	748	10	3	10	23	1	354	0	279	78	42	2	0	25	1	7.52	420	1,849
FDTIR-67	42	43	1,126	13	3	12	28	2	524	0	363	110	50	3	0	31	2	12.99	556	2,658
FDTIR-67	43	44	1,844	29	7	29	68	4	914	0	775	210	114	7	1	72	4	16	1,158	4,784
FDTIR-67	44	45	1,892	32	9	28	71	4	928	1	758	207	111	7	1	97	6	17.32	1,134	4,873
FDTIR-67	45	46	1,520	25	7	22	53	3	714	1	590	164	85	5	1	80	5	14.18	886	3,844
FDTIR-67	46	47	1,169	25	10	19	48	4	557	1	479	130	71	5	1	108	7	11.24	716	3,094
FDTIR-67	47	48	580	11	4	9	22	2	279	0	229	63	33	2	0	42	3	5.15	343	1,502
FDTIR-67	48	49	617	12	4	9	22	2	301	0	239	66	35	2	0	44	3	5.93	358	1,592
FDTIR-67	49	50	410	11	6	6	17	2	219	1	161	45	24	2	1	68	6	4.69	242	1,151
FDTIR-67	50	51	252	5	2	4	9	1	121	0	97	27	14	1	0	22	2	2.63	146	654
FDTIR-67	51	52	27	1	1	0	1	0	14	0	10	3	2	0	0	7	1	0.49	15	80



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-68	15	16	349	4	2	2	5	1	63	0	48	14	8	1	0	17	2	2.34	73	605
FDTIR-68	16	17	285	4	2	2	5	1	51	0	40	12	7	1	0	17	2	2.04	61	502
FDTIR-68	17	18	909	4	2	3	7	1	114	0	73	22	11	1	0	19	2	5.75	112	1,370
FDTIR-68	18	19	817	8	3	5	13	1	330	0	130	41	18	1	0	31	3	7.49	201	1,646
FDTIR-68	19	20	1,036	11	5	6	19	2	538	1	176	60	25	2	1	43	4	8.74	278	2,264
FDTIR-68	20	21	1,045	14	5	8	22	2	572	1	219	72	31	3	1	50	5	8.54	342	2,405
FDTIR-68	21	22	1,749	15	6	9	24	2	687	1	262	87	36	3	1	54	5	9.07	411	3,451
FDTIR-68	22	23	1,392	15	5	10	27	2	1,176	0	310	117	37	3	1	47	4	12.55	502	3,690
FDTIR-68	23	24	1,775	13	4	12	29	2	1,365	0	420	156	50	3	0	39	2	16.46	679	4,540
FDTIR-68	24	25	1,153	12	5	8	19	2	655	0	230	81	31	2	1	40	4	15.73	367	2,633
FDTIR-68	25	26	1,659	19	7	14	33	3	982	1	413	140	54	4	1	53	6	13.22	650	3,973
FDTIR-68	26	27	3,084	39	12	37	84	5	1,421	1	1,049	312	149	9	1	99	8	21.3	1,601	7,402
FDTIR-68	27	28	5,364	54	14	57	126	7	2,013	1	1,677	481	235	12	1	131	8	29.3	2,539	11,941
FDTIR-68	28	29	4,799	50	13	53	119	6	1,924	1	1,582	450	223	12	1	119	7	24.51	2,389	10,976
FDTIR-68	29	30	3,411	57	16	53	127	8	1,642	1	1,383	381	207	13	2	156	9	27.8	2,074	8,760
FDTIR-68	30	31	1,840	30	9	23	61	4	873	1	607	173	88	6	1	87	6	18.63	917	4,471
FDTIR-68	31	32	1,246	26	9	19	50	4	837	1	518	154	75	5	1	84	6	9.61	790	3,560
FDTIR-68	32	33	1,334	25	10	17	43	4	688	1	456	131	68	5	1	87	8	6.48	691	3,379
FDTIR-68	33	34	1,078	22	10	15	37	3	509	1	386	112	58	4	1	91	8	6.27	585	2,744
FDTIR-68	34	35	1,019	24	8	21	51	3	655	1	600	167	86	5	1	73	6	9.04	903	3,193
FDTIR-68	35	36	8,097	35	10	34	79	5	894	1	910	245	136	8	1	101	7	10.13	1,357	12,380
FDTIR-68	36	37	1,031	44	17	30	82	7	774	1	762	200	114	9	2	182	11	7.5	1,130	3,842
FDTIR-68	37	38	1,390	76	26	57	155	11	1,094	2	1,339	327	211	16	3	262	18	8.53	1,957	5,865
FDTIR-68	38	39	1,396	51	15	46	118	7	1,075	1	1,217	300	180	11	2	153	10	6.77	1,781	5,379
FDTIR-68	39	40	1,501	82	36	41	135	14	696	3	840	194	140	15	4	477	23	7.7	1,214	4,963
FDTIR-68	40	41	1,407	65	30	30	109	12	620	2	611	154	101	12	3	453	16	8.81	899	4,287
FDTIR-68	41	42	1,380	75	38	28	111	15	605	3	553	147	88	13	4	591	23	9.11	822	4,355
FDTIR-68	42	43	1,583	23	7	20	50	3	664	1	531	150	76	5	1	82	5	7.06	801	3,756
FDTIR-68	43	44	1,035	13	5	11	26	2	456	0	318	96	44	3	1	40	3	7.21	488	2,407
FDTIR-68	44	45	1,534	23	7	20	49	3	679	1	577	162	80	5	1	67	4	10.82	869	3,769
FDTIR-68	45	46	1,476	26	8	22	56	4	633	1	548	150	84	5	1	77	5	10.56	822	3,633
FDTIR-68	46	47	1,588	28	8	24	62	4	653	0	581	151	89	6	1	81	5	8.67	860	3,848
FDTIR-68	47	48	1,312	19	6	18	44	3	579	0	482	134	71	5	1	59	4	9.12	724	3,211
FDTIR-68	48	49	1,514	25	7	22	53	3	700	1	576	159	86	5	1	74	5	11.88	865	3,792
FDTIR-68	49	50	1,388	19	6	19	45	3	647	0	515	146	74	4	1	53	3	12.2	777	3,429
FDTIR-68	50	51	1,536	22	6	19	48	3	724	0	544	154	75	5	1	62	3	11.58	820	3,756
FDTIR-68	51	52	1,481	21	6	19	45	3	678	0	582	160	76	5	1	56	3	11.91	873	3,678
FDTIR-68	52	53	1,619	23	7	21	50	3	698	1	627	170	83	5	1	64	4	13.25	936	3,959
FDTIR-68	53	54	2,122	43	13	37	91	6	1,042	1	956	251	137	10	1	133	8	11.46	1,419	5,695
FDTIR-68	54	55	1,402	20	6	18	41	3	679	0	543	152	70	5	1	54	4	13.95	818	3,517
FDTIR-68	55	56	2,029	31	9	29	71	4	956	1	855	230	113	7	1	88	5	12.03	1,275	5,197
FDTIR-68	56	57	1,391	20	6	18	42	3	732	0	567	158	71	5	1	55	3	13.3	851	3,601
FDTIR-68	57	58	1,319	13	4	14	29	2	543	0	421	123	55	3	0	34	2	19.68	640	3,007
FDTIR-68	58	59	1,779	24	6	24	55	3	893	0	735	204	94	6	1	59	3	18.51	1,105	4,560
FDTIR-68	59	60	1,498	21	6	22	48	3	703	0	666	178	87	5	1	58	3	15.07	992	3,871
FDTIR-68	60	61	1,593	24	7	23	55	3	789	0	715	190	93	6	1	66	4	13.76	1,064	4,187
FDTIR-68	61	62	1,608	24	7	23	55	3	669	0	665	171	93	6	1	66	4	11.91	982	3,983
FDTIR-68	62	63	2,248	24	6	27	57	3	943	0	884	239	111	6	1	55	3	19.18	1,320	5,402
FDTIR-68	63	64	1,335	14	4	15	35	2	622	0	500	143	61	4	0	35	2	13.27	756	3,252
FDTIR-68	64	65	1,009	12	3	15	31	2	507	0	467	125	58	3	0	29	2	7.56	695	2,652
FDTIR-68	65	66	1,236	14	4	16	35	2	579	0	489	137	63	4	0	37	2	12.67	736	3,070
FDTIR-68	66	67	1,442	22	7	20	48	3	630	1	586	156	83	5	1	65	4	12.86	873	3,605
FDTIR-68	67	68	1,817	26	8	24	57	4	745	1	688	183	91	6	1	84	5	14.86	1,023	4,387
FDTIR-68	68	69	1,853	25	8	23	54	4	855	1	705	195	91	6	1	81	4	15.62	1,058	4,582
FDTIR-68	69	70	1,520	22	7	20	48	3	722	1	616	170	79	5	1	77	4	15.37	924	3,868
FDTIR-68	70	71	601	13	5	11	27	2	304	0	289	75	40	3	0	48	3	6.37	428	1,669
FDTIR-68	71	72	428	11	6	7	18	2	212	1	174	48	25	2	1	64	5	4.28	261	1,181
FDTIR-68	72	73	407	8	3	6	16	1	219	0	170	49	25	2	0	32	2	4.73	257	1,105
FDTIR-68	73	74	653	11	4	9	23	2	332	0	274	76	37	2	1	45	3	7.09	412	1,729
FDTIR-68	74	75	145	3	1	2	5	1	72	0	57	16	8	1	0	12	1	1.65	85	379
FDTIR-68	75	76	26	1	1	1	1	0	13	0	11	3	2	0	0	5	1	0.42	16	76
FDTIR-68	76	77	12	1	1	0	1	0	7	0	5	1	1	0	0	5	1	0.34	8	41



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Lu	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-69	20	21	55	2	2	1	3	0	33	0	25	6	4	0	0	12	2	1.41	36	169
FDTIR-69	21	22	256	6	2	4	10	1	313	0	104	33	13	1	0	19	2	2.39	161	896
FDTIR-69	22	23	686	14	5	10	26	2	787	1	283	91	35	3	1	40	4	7.45	439	2,330
FDTIR-69	23	24	434	9	4	6	16	1	447	0	186	58	21	2	0	33	3	7.36	287	1,434
FDTIR-69	24	25	638	13	4	10	26	2	637	0	284	89	38	3	0	39	3	7.61	438	2,095
FDTIR-69	25	26	989	15	6	10	25	3	527	1	293	90	40	3	1	54	5	8.56	451	2,420
FDTIR-69	26	27	1,267	16	6	11	27	2	787	1	348	111	45	3	1	54	5	7.89	541	3,150
FDTIR-69	27	28	930	8	4	5	13	1	386	0	147	49	18	2	1	36	3	7.08	230	1,880
FDTIR-69	28	29	1,307	12	5	8	19	2	734	0	289	104	32	3	1	47	4	11.38	463	3,013
FDTIR-69	29	30	2,327	17	5	17	38	2	1,049	0	600	189	72	4	1	45	4	15.65	928	5,124
FDTIR-69	30	31	2,738	26	8	26	56	4	1,340	1	870	262	107	6	1	64	6	16.97	1,331	6,465
FDTIR-69	31	32	4,584	48	12	52	114	7	1,936	1	1,641	455	217	12	0	116	7	29.2	2,464	10,793
FDTIR-69	32	33	4,452	56	14	57	126	7	2,236	1	1,735	489	230	13	1	131	8	31.5	2,614	11,207
FDTIR-69	33	34	3,839	56	16	56	130	8	1,944	1	1,683	457	221	14	2	159	8	22.25	2,516	10,083
FDTIR-69	34	35	4,068	54	14	61	138	7	2,230	1	1,965	536	252	14	2	152	8	27.3	2,940	11,146
FDTIR-69	35	36	2,808	37	9	41	89	5	1,482	1	1,315	361	170	9	1	95	6	20.55	1,970	7,542
FDTIR-69	36	37	2,033	30	9	31	70	4	1,071	1	944	256	126	7	1	81	6	13.36	1,410	5,477
FDTIR-69	37	38	831	15	6	13	29	2	484	1	380	105	51	3	1	44	5	6.9	570	2,312
FDTIR-69	38	39	728	14	5	11	26	2	413	1	390	91	46	3	1	41	4	6.02	496	2,014
FDTIR-69	39	40	568	11	4	9	21	2	306	0	272	72	38	2	0	35	4	5.86	403	1,577
FDTIR-69	40	41	1,001	17	5	18	39	2	531	0	560	145	75	4	1	46	3	8.95	828	2,870
FDTIR-69	41	42	878	17	6	17	37	2	479	0	496	129	69	4	1	50	4	8.07	735	2,570
FDTIR-69	42	43	938	25	7	23	53	3	492	1	616	149	93	6	1	65	5	5.28	899	2,905
FDTIR-69	43	44	1,572	82	32	55	154	14	914	3	1,267	280	193	17	4	364	21	7.21	1,816	5,851
FDTIR-69	44	45	1,894	53	19	35	104	8	658	1	819	186	122	11	2	217	12	6.91	1,180	4,871
FDTIR-69	45	46	2,527	78	36	43	132	14	1,060	3	1,028	260	150	15	4	449	23	12.28	1,514	6,860
FDTIR-69	46	47	980	24	10	15	43	4	475	1	393	105	54	5	1	135	6	5.93	585	2,650
FDTIR-69	47	48	986	21	9	13	37	4	498	1	378	105	51	4	1	126	5	5.45	568	2,634
FDTIR-69	48	49	1,581	28	11	21	56	5	783	1	624	169	81	6	1	150	7	7.7	932	4,142
FDTIR-69	49	50	1,300	19	8	15	37	3	586	1	448	125	58	4	1	93	5	7.72	674	3,175
FDTIR-69	50	51	1,492	24	9	17	44	4	688	1	539	149	69	5	1	105	6	9.04	810	3,704
FDTIR-69	51	52	1,607	24	8	19	48	4	722	1	575	159	76	5	1	83	5	10.74	862	3,914
FDTIR-69	52	53	1,811	26	8	20	51	4	762	1	595	165	79	6	1	83	5	10.7	893	4,244
FDTIR-69	53	54	1,493	27	8	20	55	4	675	1	563	148	78	6	1	83	5	9	836	3,716
FDTIR-69	54	55	1,539	30	10	21	56	5	668	1	568	151	80	6	1	113	6	10.42	845	3,822
FDTIR-69	55	56	1,244	39	19	21	63	7	574	2	502	130	76	8	2	221	13	9.42	743	3,439
FDTIR-69	56	57	1,002	19	6	16	40	3	452	0	429	108	61	4	1	61	4	8.06	632	2,589
FDTIR-69	57	58	1,433	25	7	22	54	3	695	0	620	162	84	6	1	70	4	11.46	919	3,740
FDTIR-69	58	59	2,095	39	11	34	84	6	796	1	865	211	128	9	1	112	6	10.48	1,265	5,162
FDTIR-69	59	60	1,617	24	6	25	56	3	768	0	682	187	98	6	1	59	4	10	1,022	4,148
FDTIR-69	60	61	1,562	14	4	15	34	2	714	0	492	143	62	4	0	38	2	18.63	747	3,620
FDTIR-69	61	62	2,546	26	6	31	66	3	1,143	0	1,027	274	130	7	1	55	3	22.28	1,529	6,234
FDTIR-69	62	63	1,871	21	5	24	52	3	945	0	743	207	96	5	0	51	3	18.56	1,117	4,721
FDTIR-69	63	64	1,215	12	3	12	26	2	541	0	385	119	51	3	0	28	2	19.12	593	2,814
FDTIR-69	64	65	1,505	21	5	19	45	3	703	0	557	164	78	5	1	46	3	18.31	848	3,702
FDTIR-69	65	66	1,989	25	6	23	54	3	939	0	717	202	88	6	1	62	3	18.12	1,080	4,830
FDTIR-69	66	67	1,830	23	6	24	54	3	849	0	742	200	97	6	1	70	4	19.19	1,108	4,585
FDTIR-69	67	68	2,818	33	10	34	78	5	1,141	1	1,025	272	138	8	1	106	5	18.32	1,524	6,657
FDTIR-69	68	69	3,703	43	11	46	101	6	1,575	1	1,443	384	192	11	1	121	6	20.45	2,147	8,965
FDTIR-69	69	70	1,520	15	5	13	31	2	441	0	384	108	53	4	1	42	3	9.28	579	3,077
FDTIR-69	70	71	1,341	11	3	11	26	1	502	0	346	102	44	3	0	33	2	15.02	526	2,845
FDTIR-69	71	72	1,833	25	7	23	57	3	895	0	670	197	92	6	1	60	3	19.4	1,019	4,541
FDTIR-69	72	73	1,660	25	7	23	54	3	838	0	676	187	92	6	1	69	3	18.77	1,015	4,276
FDTIR-69	73	74	1,783	28	9	25	58	4	877	1	732	204	96	7	1	96	5	19.53	1,099	4,606
FDTIR-69	74	75	497	12	3	12	29	2	176	0	276	60	44	3	0	33	2	2.84	394	1,348
FDTIR-69	75	76	23	2	1	1	3	0	10	0	11	3	2	0	0	8	1	0.28	16	76



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-70	0	1	192	4	3	1	4	1	72	0	43	13	6	1	0	22	3	4.09	66	430
FDTIR-70	1	2	138	3	2	1	3	1	71	0	42	13	5	0	0	15	2	2.35	64	349
FDTIR-70	2	3	224	4	2	2	5	1	106	0	69	21	9	1	0	16	2	2.52	105	541
FDTIR-70	3	4	162	3	2	1	3	1	61	0	32	10	4	0	0	18	3	3.38	50	354
FDTIR-70	4	5	165	4	2	1	3	1	45	0	23	7	4	1	0	22	2	5.78	35	329
FDTIR-70	5	6	235	4	3	1	3	1	48	0	22	7	3	1	0	25	3	5.67	33	419
FDTIR-70	6	7	303	5	4	1	4	1	48	1	23	7	3	1	1	39	4	5.99	36	525
FDTIR-70	7	8	758	6	4	2	5	1	147	1	41	15	6	1	1	29	4	8.36	66	1,196
FDTIR-70	8	9	1,505	7	4	3	8	1	257	0	75	28	10	1	1	32	4	12.28	122	2,271
FDTIR-70	9	10	1,531	9	4	4	10	2	312	1	92	33	12	2	1	37	3	15.12	147	2,406
FDTIR-70	10	11	1,312	8	3	4	11	1	529	0	157	60	16	1	0	23	2	17.68	256	2,494
FDTIR-70	11	12	1,200	10	3	5	13	1	536	0	185	67	22	2	0	29	3	18.41	296	2,436
FDTIR-70	12	13	1,262	10	3	6	16	1	719	0	235	88	25	2	0	29	2	18.5	381	2,815
FDTIR-70	13	14	1,738	9	3	7	17	1	692	0	267	93	30	2	0	24	2	23.88	423	3,384
FDTIR-70	14	15	2,187	18	5	18	40	2	1,518	0	723	238	75	4	1	47	3	20.8	1,131	5,723
FDTIR-70	15	16	2,807	25	7	25	57	3	1,673	0	929	291	102	6	1	61	4	18.11	1,436	7,027
FDTIR-70	16	17	3,693	29	9	30	62	4	1,487	1	934	275	117	7	1	73	5	20.94	1,422	7,887
FDTIR-70	17	18	3,516	69	17	57	144	9	2,340	1	1,608	444	225	15	2	149	8	23.91	2,412	10,093
FDTIR-70	18	19	3,274	46	14	40	99	7	1,803	1	1,228	354	164	11	1	130	8	22.9	1,861	8,425
FDTIR-70	19	20	2,759	40	12	40	89	6	1,616	1	1,191	331	160	9	1	116	8	23.48	1,789	7,487
FDTIR-70	20	21	3,155	30	9	32	68	4	1,102	1	982	267	133	7	1	75	6	28.8	1,469	6,885
FDTIR-70	21	22	1,623	30	10	25	62	4	1,155	1	811	229	104	7	1	85	7	12.8	1,222	4,875
FDTIR-70	22	23	6,551	46	14	32	91	7	887	1	780	195	116	10	2	123	10	8.54	1,145	10,391
FDTIR-70	23	24	2,278	28	9	18	54	4	815	1	530	152	70	6	1	94	5	13.62	801	4,771
FDTIR-70	24	25	2,396	32	10	22	64	5	1,092	1	664	198	80	7	1	117	6	13.57	1,015	5,512
FDTIR-70	25	26	2,136	44	18	33	93	7	1,235	2	966	269	123	10	2	207	11	15.14	1,452	6,060
FDTIR-70	26	27	2,710	28	9	23	61	4	951	1	697	201	92	6	1	115	6	12.59	1,055	5,756
FDTIR-70	27	28	1,609	23	7	20	50	3	979	1	651	192	83	5	1	69	4	12.06	992	4,341
FDTIR-70	28	29	1,715	21	6	19	45	3	953	1	636	189	81	5	1	62	5	11.05	970	4,391
FDTIR-70	29	30	2,077	22	7	23	52	3	1,044	1	835	241	102	5	1	64	4	17.08	1,264	5,255
FDTIR-70	30	31	1,794	22	7	22	48	3	950	0	772	222	96	5	1	57	4	18.05	1,169	4,696
FDTIR-70	31	32	1,486	16	6	15	36	2	726	0	527	156	66	4	1	50	3	11.71	804	3,634
FDTIR-70	32	33	2,204	19	6	20	43	3	860	0	685	194	84	5	1	53	3	14.01	1,034	4,902
FDTIR-70	33	34	1,345	25	8	23	54	4	882	1	718	196	92	6	1	83	5	14.79	1,074	4,042
FDTIR-70	34	35	1,857	35	11	29	73	5	1,101	1	894	242	121	8	1	105	6	14.46	1,336	5,269
FDTIR-70	35	36	1,517	25	7	26	57	3	1,060	0	857	241	108	6	1	70	4	17.95	1,291	4,672
FDTIR-70	36	37	1,610	18	6	17	38	2	794	0	564	169	73	4	1	52	4	16.06	862	3,932
FDTIR-70	37	38	1,391	19	6	18	41	3	810	0	567	169	71	5	1	55	4	13.82	865	3,706
FDTIR-70	38	39	1,526	23	7	22	48	3	770	1	659	183	89	6	1	68	5	14.51	990	4,001
FDTIR-70	39	40	1,432	20	6	21	46	3	891	0	664	193	84	5	1	58	4	18.87	1,008	4,022
FDTIR-70	40	41	1,612	27	8	25	59	4	1,004	1	828	230	110	6	1	76	5	18.14	1,244	4,688
FDTIR-70	41	42	2,266	27	8	27	63	4	1,144	1	930	269	111	7	1	79	5	17.81	1,409	5,795
FDTIR-70	42	43	1,381	21	6	22	48	3	1,068	1	778	239	93	5	1	52	3	19.85	1,197	4,363
FDTIR-70	43	44	1,074	15	4	13	31	2	649	0	436	130	57	3	0	38	3	17.36	666	2,883
FDTIR-70	44	45	1,774	21	6	21	47	3	868	0	664	190	86	5	1	57	4	16.39	1,005	4,396
FDTIR-70	45	46	1,595	17	5	18	38	2	610	0	555	149	74	4	1	48	3	13.83	828	3,659
FDTIR-70	46	47	1,039	14	5	15	31	2	610	0	476	137	61	3	1	40	3	12.36	721	2,859
FDTIR-70	47	48	1,326	16	4	15	37	2	486	0	459	120	62	4	1	44	3	9.7	680	3,024
FDTIR-70	48	49	1,252	31	7	24	63	4	596	0	604	147	91	7	1	66	3	12.54	883	3,399
FDTIR-70	49	50	902	12	4	11	27	2	393	0	388	101	50	3	0	32	2	11.32	574	2,261
FDTIR-70	50	51	1,369	23	8	19	50	3	671	0	549	151	75	5	1	79	4	17.24	822	3,528
FDTIR-70	51	52	879	28	8	28	69	4	501	1	695	152	106	7	1	78	5	7.78	994	3,004
FDTIR-70	52	53	377	9	4	5	15	1	174	0	144	39	19	2	0	38	3	5.15	215	974
FDTIR-70	53	54	355	6	2	5	12	1	169	0	138	38	20	1	0	26	2	4.14	207	911
FDTIR-70	54	55	473	7	3	5	14	1	225	0	179	50	22	1	0	25	1	5.48	270	1,182
FDTIR-70	55	56	547	9	3	8	19	1	277	0	226	61	33	2	0	32	2	6	337	1,434
FDTIR-70	56	57	542	11	4	9	21	2	293	0	245	65	35	2	0	43	3	5.81	364	1,498
FDTIR-70	57	58	517	10	4	8	19	2	257	0	210	57	31	2	0	39	3	5.74	314	1,363
FDTIR-70	58	59	32	1	1	1	1	0	15	0	11	3	3	0	0	8	1	0.57	17	93
FDTIR-70	59	60	21	1	1	1	1	0	8	0	7	2	1	0	0	7	1	0.45	11	62



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Lu	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-71	0	1	206	4	3	1	4	1	68	0	41	12	5	1	0	23	3	4.82	63	441
FDTIR-71	1	2	210	4	3	1	5	1	73	1	43	13	6	1	1	24	3	5.04	65	457
FDTIR-71	2	3	167	3	2	1	3	1	62	0	38	12	5	1	0	16	2	2.58	59	369
FDTIR-71	3	4	223	3	2	1	3	1	73	0	39	13	5	0	0	15	2	2.71	61	448
FDTIR-71	4	5	154	3	2	1	3	1	62	0	31	9	4	0	0	17	2	4.65	48	344
FDTIR-71	5	6	134	3	2	1	3	1	54	0	22	7	3	1	0	16	2	5.71	34	293
FDTIR-71	6	7	208	4	3	1	3	1	60	0	26	8	4	1	0	21	3	4.83	41	403
FDTIR-71	7	8	299	4	3	1	4	1	105	1	38	13	5	1	0	23	3	5.79	60	590
FDTIR-71	8	9	373	6	4	1	4	1	99	1	32	11	5	1	1	28	4	8.67	50	669
FDTIR-71	9	10	649	5	3	2	5	1	247	0	66	24	7	1	0	23	3	9.64	106	1,216
FDTIR-71	10	11	1,342	6	3	3	8	1	515	0	127	50	11	1	0	19	2	16.42	208	2,447
FDTIR-71	11	12	1,311	6	3	4	10	1	698	0	174	68	16	1	0	21	2	16.8	284	2,715
FDTIR-71	12	13	1,069	6	3	4	11	1	628	0	182	69	18	1	0	22	2	16.68	295	2,364
FDTIR-71	13	14	1,496	13	4	9	23	2	1,001	0	388	134	38	3	1	36	3	14.17	614	3,695
FDTIR-71	14	15	1,606	18	7	13	33	3	1,135	1	472	156	52	4	1	62	5	14.78	739	4,186
FDTIR-71	15	16	2,572	26	8	22	52	4	1,148	1	727	215	90	6	1	75	6	22.69	1,107	5,808
FDTIR-71	16	17	3,253	36	12	30	74	5	1,411	1	923	260	122	8	1	105	8	21.59	1,391	7,332
FDTIR-71	17	18	3,192	40	12	37	86	6	1,362	1	1,058	292	144	10	1	103	8	24.75	1,587	7,449
FDTIR-71	18	19	3,065	36	11	34	80	5	1,304	1	1,076	292	141	8	1	103	7	23.25	1,609	7,233
FDTIR-71	19	20	1,197	19	7	14	37	3	776	1	434	128	52	4	1	62	6	11.43	661	3,217
FDTIR-71	20	21	5,356	18	7	13	33	3	739	1	409	123	50	4	1	58	6	9.98	626	7,994
FDTIR-71	21	22	1,821	22	7	16	43	3	599	1	436	119	60	5	1	71	5	18.02	652	3,766
FDTIR-71	22	23	3,242	19	7	14	37	3	800	1	425	128	52	4	1	66	5	17.88	650	5,631
FDTIR-71	23	24	1,784	12	4	8	21	2	406	0	242	71	32	3	1	39	4	15.09	367	3,081
FDTIR-71	24	25	2,093	17	6	13	37	3	674	1	412	118	51	4	1	58	4	13.55	623	4,095
FDTIR-71	25	26	803	17	7	11	32	3	466	1	357	97	47	4	1	61	5	17.17	533	2,244
FDTIR-71	26	27	1,406	19	7	16	40	3	468	1	491	128	66	4	1	66	5	14.75	727	3,192
FDTIR-71	27	28	1,366	19	7	16	39	3	655	1	533	147	70	5	1	62	5	13.05	800	3,435
FDTIR-71	28	29	1,465	33	9	31	74	4	873	1	904	229	130	8	1	78	5	13.67	1,331	4,511
FDTIR-71	29	30	2,337	157	52	119	322	24	2,270	4	2,988	684	454	36	6	534	35	9.63	4,312	11,784
FDTIR-71	30	31	3,049	159	65	104	302	28	2,276	6	2,783	655	401	34	7	796	42	8.81	4,038	12,613
FDTIR-71	31	32	3,181	61	26	41	116	10	913	2	986	253	157	12	3	294	17	9.44	1,457	7,139
FDTIR-71	32	33	1,542	78	31	57	151	13	1,148	3	1,525	362	221	17	4	351	20	9.13	2,216	6,498
FDTIR-71	33	34	2,609	102	43	65	176	18	1,137	4	1,615	374	244	21	5	504	31	8.29	2,336	8,181
FDTIR-71	34	35	2,063	83	33	58	158	14	1,057	3	1,479	343	221	19	4	357	22	8.77	2,140	6,957
FDTIR-71	35	36	1,488	111	43	75	202	18	1,489	4	1,982	457	289	24	5	514	30	7.89	2,864	7,930
FDTIR-71	36	37	2,809	89	31	68	178	14	1,168	3	1,807	422	270	20	4	326	21	12.32	2,618	8,497
FDTIR-71	37	38	2,100	116	48	75	208	20	1,318	5	1,926	435	289	24	6	530	33	11.94	2,773	8,400
FDTIR-71	38	39	2,055	170	73	95	281	30	1,635	8	2,290	505	356	34	9	905	54	10.83	3,283	10,035
FDTIR-71	39	40	1,750	121	53	80	223	22	1,508	5	2,157	478	301	26	6	644	37	10.15	3,094	8,737
FDTIR-71	40	41	1,608	148	69	78	238	28	1,230	7	1,915	419	284	29	8	865	49	11.54	2,741	8,243
FDTIR-71	41	42	1,645	64	22	52	139	10	1,065	2	1,441	332	197	15	3	243	14	14.22	2,082	6,164
FDTIR-71	42	43	1,612	69	20	57	159	10	1,004	2	1,422	312	210	17	2	214	13	14.04	2,036	6,018
FDTIR-71	43	44	1,842	65	20	53	154	9	1,002	2	1,297	288	191	16	2	206	12	14.48	1,861	6,058
FDTIR-71	44	45	1,522	18	5	18	44	2	717	0	617	168	79	5	0	45	3	17.59	922	3,804
FDTIR-71	45	46	1,942	22	6	23	57	3	980	0	802	220	98	6	1	55	3	18.16	1,202	4,947
FDTIR-71	46	47	1,465	16	5	17	39	2	722	0	589	163	73	4	1	46	3	16.7	884	3,689
FDTIR-71	47	48	1,429	15	5	13	33	2	456	0	357	99	49	4	0	43	3	21.07	537	2,941
FDTIR-71	48	49	1,542	26	6	24	60	4	755	0	659	173	94	6	1	63	4	17.68	978	4,007
FDTIR-71	49	50	1,655	24	7	21	49	3	703	0	590	159	81	6	1	71	4	19.83	881	3,957
FDTIR-71	50	51	568	13	4	10	25	2	304	0	282	72	41	3	0	45	2	5.49	416	1,610
FDTIR-71	51	52	434	11	5	7	19	2	214	0	181	47	25	2	1	49	3	4.95	268	1,177
FDTIR-71	52	53	332	6	2	5	12	1	162	0	136	37	18	1	0	25	2	3.7	203	865
FDTIR-71	53	54	546	8	3	7	16	1	255	0	213	57	26	2	0	33	2	5.67	317	1,373
FDTIR-71	54	55	325	6	2	5	13	1	168	0	142	38	20	2	0	26	2	3.17	212	881
FDTIR-71	55	56	439	6	2	6	14	1	204	0	165	46	23	1	0	22	2	4.4	249	1,093
FDTIR-71	56	57	720	12	4	10	25	2	363	0	296	80	39	3	1	43	3	7.92	442	1,880
FDTIR-71	57	58	335	6	2	5	11	1	162	0	135	36	18	1	0	20	2	4.03	201	861
FDTIR-71	58	59	21	1	1	0	1	0	11	0	10	2	2	0	0	6	1	0.45	15	67



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-72	0	1	175	5	4	1	5	1	60	1	42	12	7	1	0	28	3	5.06	63	406
FDTIR-72	1	2	172	4	3	1	5	1	55	1	36	10	5	1	0	26	3	5.09	54	381
FDTIR-72	2	3	165	5	3	1	4	1	54	1	33	10	5	1	1	28	3	5.52	51	371
FDTIR-72	3	4	197	5	4	1	5	1	61	1	36	11	6	1	1	29	4	5.47	55	425
FDTIR-72	4	5	201	5	4	1	4	1	61	1	38	11	5	1	1	29	4	5.23	57	431
FDTIR-72	5	6	196	5	3	1	4	1	57	1	34	10	5	1	0	26	3	5.03	52	408
FDTIR-72	6	7	245	4	3	2	5	1	84	0	52	15	7	1	1	22	3	3.82	79	522
FDTIR-72	7	8	133	3	2	1	2	1	44	0	22	7	3	0	0	20	3	4.81	34	285
FDTIR-72	8	9	83	3	2	1	2	1	27	0	13	4	2	0	0	14	2	4.61	20	181
FDTIR-72	9	10	75	2	2	1	2	1	28	0	14	4	2	0	0	15	2	3.26	22	175
FDTIR-72	10	11	104	4	2	1	3	1	52	0	22	7	3	1	0	19	3	5.35	34	261
FDTIR-72	11	12	472	8	4	3	9	1	345	1	103	36	13	1	0	32	4	9.17	164	1,212
FDTIR-72	12	13	843	10	4	4	13	2	521	0	152	53	19	2	1	39	3	11.73	241	1,955
FDTIR-72	13	14	559	7	4	3	7	1	300	1	90	31	11	1	1	28	4	17.62	142	1,231
FDTIR-72	14	15	2,622	15	5	12	29	2	980	0	398	133	45	3	1	51	3	13.58	625	5,042
FDTIR-72	15	16	2,163	17	6	14	34	3	921	1	454	143	55	4	1	56	4	14.76	702	4,545
FDTIR-72	16	17	5,233	40	11	43	98	5	1,649	1	1,322	364	177	10	1	104	6	31.2	1,981	10,626
FDTIR-72	17	18	4,162	43	11	42	99	6	1,671	1	1,303	363	175	11	1	108	6	23.96	1,959	9,386
FDTIR-72	18	19	2,728	52	20	39	101	9	1,297	2	1,132	300	155	11	2	220	13	16.65	1,683	7,143
FDTIR-72	19	20	1,522	86	31	69	177	14	1,513	3	1,872	452	277	20	4	319	21	7.68	2,730	7,501
FDTIR-72	20	21	3,025	191	73	133	373	32	2,685	6	3,464	803	510	42	8	848	48	10.75	5,012	14,413
FDTIR-72	21	22	2,092	83	28	66	176	13	1,285	3	1,819	421	261	19	3	316	19	8.65	2,630	7,763
FDTIR-72	22	23	2,226	101	41	65	184	17	1,254	4	1,684	388	247	21	5	474	29	10.16	2,434	7,938
FDTIR-72	23	24	2,400	63	20	51	133	9	1,108	2	1,348	323	201	15	2	195	13	10.69	1,962	6,909
FDTIR-72	24	25	1,865	55	19	45	116	9	1,030	2	1,209	295	174	13	2	192	13	8.55	1,767	5,919
FDTIR-72	25	26	2,719	47	15	41	103	7	1,099	1	1,153	290	162	11	2	146	10	10.07	1,696	6,812
FDTIR-72	26	27	1,372	21	7	17	41	3	570	0	512	139	70	5	1	59	4	10.79	766	3,311
FDTIR-72	27	28	1,386	30	9	25	66	4	774	1	727	187	101	7	1	94	6	7.17	1,074	4,012
FDTIR-72	28	29	1,701	94	37	62	166	15	1,031	3	1,373	344	232	18	4	403	26	8.18	2,017	6,488
FDTIR-72	29	30	1,080	97	46	50	156	18	812	4	1,047	242	176	18	6	608	31	5.13	1,514	5,197
FDTIR-72	30	31	1,348	22	8	17	42	4	612	1	502	144	73	5	1	121	5	9.37	760	3,415
FDTIR-72	31	32	1,078	16	5	15	34	2	509	0	403	112	60	4	1	60	3	8.55	605	2,701
FDTIR-72	32	33	1,121	17	6	15	36	3	563	0	427	119	61	4	1	63	3	9.12	642	2,864
FDTIR-72	33	34	1,003	16	5	14	33	2	490	0	371	104	55	3	1	58	3	8.68	558	2,533
FDTIR-72	34	35	761	13	4	11	27	2	401	0	304	83	44	3	0	43	3	7.31	456	1,995
FDTIR-72	35	36	1,054	16	6	15	34	2	525	0	394	111	57	4	1	58	4	8.13	594	2,676
FDTIR-72	36	37	1,415	20	6	19	45	3	663	0	541	150	78	5	1	60	3	12.75	813	3,530
FDTIR-72	37	38	1,312	19	6	19	43	3	667	0	520	144	75	4	1	63	3	12.39	780	3,380
FDTIR-72	38	39	1,099	17	5	16	36	2	577	0	442	124	61	4	1	56	3	10.86	665	2,867
FDTIR-72	39	40	896	14	4	13	31	2	468	0	363	99	52	3	0	48	3	9.22	544	2,346
FDTIR-72	40	41	1,109	17	5	16	36	2	527	0	426	117	62	4	1	58	3	11.1	639	2,796
FDTIR-72	41	42	1,122	16	5	16	37	2	563	0	440	123	64	4	1	63	3	11.47	662	2,887
FDTIR-72	42	43	1,348	22	7	20	47	3	686	1	555	153	81	5	1	81	4	12.2	833	3,537
FDTIR-72	43	44	1,213	18	6	17	40	3	619	0	492	135	68	4	1	59	3	12.18	738	3,144
FDTIR-72	44	45	1,034	18	6	13	35	3	423	1	376	103	57	4	1	79	4	8.41	563	2,534
FDTIR-72	45	46	1,430	22	8	20	47	3	655	1	529	146	77	5	1	81	5	10.94	794	3,555
FDTIR-72	46	47	1,156	16	4	16	37	2	605	0	477	131	65	4	0	45	2	9.71	716	3,008
FDTIR-72	47	48	977	14	5	12	30	2	462	0	353	100	51	3	1	47	3	9.46	532	2,416
FDTIR-72	48	49	929	16	5	13	31	2	452	0	342	95	51	3	1	53	3	10.42	514	2,343
FDTIR-72	49	50	1,249	22	6	20	48	3	605	0	510	137	76	5	1	66	4	12.52	760	3,230
FDTIR-72	50	51	1,290	15	4	16	35	2	645	0	479	135	67	3	0	43	3	14.24	722	3,212
FDTIR-72	51	52	1,076	15	5	14	33	2	495	0	411	116	60	4	1	46	3	12.97	620	2,675
FDTIR-72	52	53	1,013	19	7	16	40	3	525	1	417	113	62	4	1	70	4	10.93	623	2,694
FDTIR-72	53	54	342	7	3	5	14	1	170	0	137	37	21	1	0	27	2	3.52	205	900
FDTIR-72	54	55	370	7	2	5	13	1	169	0	138	38	20	1	0	23	1	3.6	207	927
FDTIR-72	55	56	788	12	4	11	25	2	410	0	304	86	43	2	0	41	3	7.63	458	2,030
FDTIR-72	56	57	916	12	4	10	25	2	424	0	309	88	43	2	0	43	3	9.16	467	2,209
FDTIR-72	57	58	257	4	2	3	9	1	134	0	102	29	14	1	0	14	1	2.69	154	670
FDTIR-72	58	59	36	2	1	1	2	0	16	0	12	3	2	0	0	7	1	0.55	18	97



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-73	28	29	388	3	2	1	3	1	106	0	36	13	5	0	0	14	2	3.13	57	673
FDTIR-73	29	30	160	3	2	1	3	1	50	0	20	6	3	0	0	14	2	3.38	31	312
FDTIR-73	30	31	1,138	10	4	5	13	2	525	1	160	58	20	2	1	40	4	7.91	257	2,326
FDTIR-73	31	32	1,031	10	4	6	15	2	463	0	169	59	22	2	1	41	4	7.17	268	2,145
FDTIR-73	32	33	1,517	12	5	9	21	2	654	0	295	103	39	2	1	42	4	13.04	468	3,173
FDTIR-73	33	34	1,749	17	7	10	24	3	768	1	303	107	39	3	1	65	6	13.17	483	3,642
FDTIR-73	34	35	4,226	11	4	7	17	2	465	0	193	66	27	2	1	36	3	17.37	306	5,930
FDTIR-73	35	36	1,360	11	5	8	18	2	548	1	240	85	32	2	1	43	3	12.52	382	2,768
FDTIR-73	36	37	1,648	13	4	11	26	2	963	0	382	133	47	3	0	37	2	15.81	606	3,838
FDTIR-73	37	38	1,440	17	5	16	37	2	974	0	506	165	66	4	0	42	3	13.31	790	3,846
FDTIR-73	38	39	1,459	16	4	16	35	2	927	0	514	165	67	4	0	35	2	15.19	798	3,805
FDTIR-73	39	40	2,150	25	7	22	50	4	912	1	662	198	95	6	1	69	5	19.23	1,011	4,933
FDTIR-73	40	41	4,475	57	15	62	137	8	1,976	1	1,786	498	261	14	2	147	8	33.8	2,686	11,081
FDTIR-73	41	42	3,103	51	14	53	118	7	1,771	1	1,507	427	215	12	1	126	8	22.59	2,275	8,697
FDTIR-73	42	43	2,867	53	15	51	120	7	1,644	1	1,470	385	200	13	1	136	8	18.74	2,180	8,180
FDTIR-73	43	44	2,374	38	13	32	79	6	1,013	1	953	250	130	9	1	132	9	14.68	1,415	5,915
FDTIR-73	44	45	1,540	24	7	23	54	4	710	1	671	176	91	6	1	65	4	13.12	996	3,962
FDTIR-73	45	46	818	18	6	15	36	3	562	1	402	113	55	4	1	60	5	7.59	605	2,463
FDTIR-73	46	47	917	17	6	15	33	3	484	1	401	106	56	4	1	49	4	8.55	596	2,458
FDTIR-73	47	48	737	15	5	12	31	2	477	1	397	109	54	3	1	46	4	6.47	595	2,224
FDTIR-73	48	49	840	22	7	18	45	3	573	1	532	142	75	5	1	75	5	6.43	792	2,753
FDTIR-73	49	50	740	19	6	17	41	3	459	1	489	124	68	5	1	67	4	6.47	720	2,398
FDTIR-73	50	51	786	29	8	29	70	4	777	1	810	199	112	7	1	67	5	5.64	1,184	3,408
FDTIR-73	51	52	1,212	108	47	62	192	20	926	5	1,403	295	221	22	6	525	33	8.52	1,993	5,991
FDTIR-73	52	53	1,374	63	28	30	101	11	634	2	686	163	104	12	3	347	17	9.37	997	4,218
FDTIR-73	53	54	1,485	31	12	21	61	5	663	1	601	159	81	7	1	161	8	9.65	893	3,879
FDTIR-73	54	55	925	18	6	13	37	3	478	1	379	102	52	4	1	74	4	6.22	565	2,463
FDTIR-73	55	56	1,389	20	7	17	43	3	638	1	539	144	69	5	1	71	5	8	803	3,464
FDTIR-73	56	57	1,378	20	6	17	44	3	621	1	545	144	71	5	1	66	4	8.82	810	3,435
FDTIR-73	57	58	1,091	15	5	14	34	2	519	0	433	118	56	4	1	50	3	8.87	648	2,751
FDTIR-73	58	59	894	15	4	13	31	2	441	0	361	99	47	4	1	49	3	7.51	541	2,305
FDTIR-73	59	60	1,255	18	6	15	37	3	602	1	471	126	59	4	1	70	5	7.89	701	3,136
FDTIR-73	60	61	1,058	15	5	14	34	2	475	0	407	109	55	4	1	51	3	8.4	606	2,619
FDTIR-73	61	62	1,298	19	6	16	40	3	590	1	489	132	64	4	1	67	4	8.41	730	3,209
FDTIR-73	62	63	981	14	4	12	30	2	481	0	393	107	50	3	0	46	3	8.75	588	2,496
FDTIR-73	63	64	911	14	5	12	31	2	460	0	382	102	50	3	1	52	3	8.7	569	2,382
FDTIR-73	64	65	1,285	20	7	17	42	3	581	1	504	133	67	5	1	71	4	11.22	748	3,215
FDTIR-73	65	66	1,024	15	4	14	35	2	523	0	417	113	55	4	1	51	3	9.06	623	2,653
FDTIR-73	66	67	1,381	21	6	20	50	3	671	0	587	153	79	5	1	71	4	10.38	869	3,581
FDTIR-73	67	68	1,460	17	4	18	41	2	689	0	588	159	75	4	0	40	2	14.65	878	3,635
FDTIR-73	68	69	1,478	17	4	18	42	2	719	0	597	163	74	4	0	44	2	14.11	893	3,713
FDTIR-73	69	70	1,769	27	8	24	61	4	767	1	692	179	95	7	1	88	5	13.98	1,023	4,372
FDTIR-73	70	71	1,162	17	5	16	40	3	575	0	495	132	66	4	1	56	3	11.65	737	3,023
FDTIR-73	71	72	1,177	18	5	17	41	3	561	0	494	133	66	4	1	56	3	12.09	736	3,027
FDTIR-73	72	73	1,074	20	6	16	43	3	533	0	472	124	64	5	1	66	4	11.33	700	2,854
FDTIR-73	73	74	1,376	22	7	19	47	3	681	1	595	158	79	5	1	66	4	14.08	885	3,593
FDTIR-73	74	75	1,130	18	5	16	40	3	600	0	501	136	63	4	1	55	3	12.06	749	3,021
FDTIR-73	75	76	1,334	19	6	17	42	3	599	0	534	143	71	5	1	58	4	11.3	796	3,326
FDTIR-73	76	77	1,056	12	4	13	31	2	477	0	428	115	54	3	0	38	3	9.1	638	2,624
FDTIR-73	77	78	1,221	18	6	17	42	3	583	0	532	139	69	4	1	57	3	10.78	788	3,161
FDTIR-73	78	79	930	22	9	15	40	3	463	1	415	108	58	5	1	102	6	10.51	615	2,558
FDTIR-73	79	80	779	15	5	12	32	3	376	0	331	87	46	4	1	54	4	10.22	491	2,053
FDTIR-73	80	81	884	19	7	14	37	3	434	1	382	100	52	4	1	76	5	10.9	567	2,373
FDTIR-73	81	82	976	18	6	14	34	3	465	1	403	107	55	4	1	64	4	11.89	599	2,529
FDTIR-73	82	83	956	16	6	14	33	3	475	0	410	108	54	4	1	60	4	11.28	609	2,516
FDTIR-73	83	84	924	16	5	13	33	2	449	0	381	101	52	4	1	61	3	11.75	567	2,402
FDTIR-73	84	85	725	14	5	11	29	2	352	0	315	84	43	3	0	58	3	8.29	468	1,931
FDTIR-73	85	86	375	7	2	6	15	1	188	0	159	42	24	2	0	22	1	3.57	236	990
FDTIR-73	86	87	407	6	2	6	14	1	199	0	165	44	22	1	0	19	1	4.18	245	1,041
FDTIR-73	87	88.25	597	7	2	7	16	1	290	0	211	61	28	2	0	23	2	6.31	320	1,464
FDTIR-73	89.75	91	20	2	1	1	2	0	12	0	10	3	2	0	0	10	1	0.41	15	76
FDTIR-73	91	92	18	2	1	0	2	0	9	0	7	2	2	0	0	8	1	0.42	11	62
FDTIR-73	92	92.8	18	1	1	0	1	0	9	0	8	2	2	0	0	6	1	0.49	11	58

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-74	11	12	66	2	2	1	2	1	28	0	17	5	3	0	0	14	2	3.03	25	169
FDTIR-74	12	13	90	3	2	1	3	1	28	0	17	5	3	0	0	17	2	3.09	26	203
FDTIR-74	13	14	270	4	3	1	3	1	47	0	19	6	3	1	0	19	3	4.86	29	444
FDTIR-74	14	15	370	5	3	2	5	1	156	1	50	18	7	1	1	24	4	8.88	79	761
FDTIR-74	15	16	752	5	3	2	6	1	259	0	79	28	10	1	0	22	3	9.11	126	1,377
FDTIR-74	16	17	937	8	3	5	12	1	573	0	175	64	22	1	0	29	3	10.94	280	2,151
FDTIR-74	17	18	1,410	13	5	9	22	2	854	1	304	104	39	2	1	43	4	12.28	480	3,298
FDTIR-74	18	19	1,316	16	6	11	26	2	858	1	325	110	43	3	1	52	5	14.18	512	3,257
FDTIR-74	19	20	2,053	20	8	12	31	3	943	1	350	121	45	4	1	72	6	14.02	555	4,305
FDTIR-74	20	21	2,120	20	7	14	36	3	1,185	1	420	143	55	4	1	64	4	14.63	663	4,783
FDTIR-74	21	22	2,215	22	6	19	46	3	1,372	0	587	194	76	5	1	63	4	15.07	918	5,410
FDTIR-74	22	23	1,753	22	7	19	45	3	1,360	1	585	189	76	5	1	63	4	12.46	912	4,850
FDTIR-74	23	24	1,956	17	5	15	34	2	1,437	0	528	182	62	3	1	45	3	14.87	837	5,033
FDTIR-74	24	25	5,039	46	12	50	104	6	1,707	1	1,392	410	204	11	1	110	7	26.9	2,120	10,672
FDTIR-74	25	26	4,378	56	15	59	130	7	2,430	1	1,756	510	238	13	2	134	8	21.35	2,665	11,419
FDTIR-74	26	27	3,507	46	12	49	109	6	1,740	1	1,365	401	199	11	1	106	7	28.3	2,077	8,866
FDTIR-74	27	28	3,410	41	10	42	92	5	1,642	1	1,222	364	177	9	1	97	6	26.3	1,865	8,351
FDTIR-74	28	29	2,701	35	10	31	73	5	1,383	1	875	255	127	7	1	95	7	20.28	1,329	6,576
FDTIR-74	29	30	1,330	27	9	19	52	4	1,000	1	518	159	72	5	1	85	6	11.19	797	3,859
FDTIR-74	30	31	1,430	23	8	18	43	3	763	1	475	139	69	5	1	78	5	15.59	723	3,593
FDTIR-74	31	32	1,828	19	8	13	33	3	610	1	346	105	49	4	1	78	6	10.09	530	3,644
FDTIR-74	32	33	1,094	27	9	21	54	4	775	1	552	154	80	5	1	101	7	8.31	829	3,389
FDTIR-74	33	34	1,538	67	33	40	113	12	1,178	3	1,018	272	152	12	4	423	22	9.11	1,516	5,762
FDTIR-74	34	35	1,924	48	19	38	99	8	1,134	1	993	271	146	10	2	244	12	9.01	1,486	5,819
FDTIR-74	35	36	1,889	63	24	45	116	10	1,136	2	1,109	297	167	12	3	279	16	8.35	1,653	6,079
FDTIR-74	36	37	3,970	37	10	35	84	5	1,213	1	945	258	138	8	1	102	6	6.9	1,414	7,989
FDTIR-74	37	38	1,496	28	8	28	62	4	852	1	762	203	115	6	1	76	5	7.31	1,134	4,279
FDTIR-74	38	39	1,622	35	10	34	77	4	930	1	900	234	137	8	1	85	6	9.38	1,333	4,792
FDTIR-74	39	40	1,846	37	10	33	80	5	857	1	851	216	131	8	1	91	7	7.97	1,254	4,899
FDTIR-74	40	41	3,249	51	16	47	111	7	1,465	1	1,213	336	183	11	2	153	11	9.13	1,821	8,044
FDTIR-74	41	42	1,020	22	7	18	44	3	550	1	437	114	66	5	1	65	5	6.83	649	2,768
FDTIR-74	42	43	1,195	31	10	22	61	5	663	1	534	141	84	6	1	105	7	8.37	793	3,366
FDTIR-74	43	44	1,241	46	23	20	65	8	621	2	474	126	73	8	3	277	16	7.61	706	3,544
FDTIR-74	44	45	1,642	32	13	22	59	5	835	1	615	171	87	6	1	168	8	12.43	925	4,310
FDTIR-74	45	46	1,000	15	5	13	31	2	485	0	356	99	52	3	1	61	3	8.52	536	2,496
FDTIR-74	46	47	1,046	15	5	14	32	2	531	0	388	108	56	3	1	57	3	8.51	583	2,654
FDTIR-74	47	48	937	13	4	12	29	2	505	0	350	99	48	3	1	49	3	8.1	527	2,412
FDTIR-74	48	49	965	15	5	12	29	2	474	0	336	94	48	3	1	61	3	7.62	505	2,406
FDTIR-74	49	50	950	15	5	13	32	2	500	0	355	99	52	3	1	64	3	6.64	535	2,460
FDTIR-74	50	51	1,097	18	7	15	36	3	543	1	404	113	58	4	1	76	5	9.21	608	2,794
FDTIR-74	51	52	1,139	19	6	16	37	3	581	0	431	121	62	4	1	67	4	11.34	649	2,925
FDTIR-74	52	53	1,218	20	7	16	40	3	625	0	466	130	66	4	1	70	4	11.59	700	3,134
FDTIR-74	53	54	1,253	20	6	18	41	3	645	0	482	135	69	4	1	64	4	12.33	725	3,221
FDTIR-74	54	55	1,144	26	11	19	52	5	464	1	463	115	71	6	1	125	7	10.08	679	2,950
FDTIR-74	55	56	1,521	23	7	18	44	3	657	1	566	154	73	5	1	84	5	16.24	846	3,712
FDTIR-74	56	57	979	17	5	14	36	2	487	0	424	112	56	4	1	55	4	9.17	630	2,579
FDTIR-74	57	58	1,384	20	7	17	41	3	627	1	537	145	70	5	1	70	5	13.37	802	3,440
FDTIR-74	58	59	1,514	29	9	24	63	4	705	1	666	172	89	7	1	91	6	13.55	985	3,968
FDTIR-74	59	60	1,469	26	9	22	57	4	677	1	618	163	84	6	1	93	6	12.91	917	3,797
FDTIR-74	60	61	1,113	17	5	15	37	2	489	0	437	115	57	4	1	57	3	9.58	648	2,761
FDTIR-74	61	62	1,155	14	3	17	38	2	529	0	543	137	72	4	0	32	2	8.32	799	2,988
FDTIR-74	62	63	935	10	2	11	27	1	438	0	393	106	50	3	0	25	1	8.64	587	2,348
FDTIR-74	63	64	1,558	22	6	19	50	3	693	1	560	150	75	6	1	59	4	18.43	834	3,760
FDTIR-74	64	65	1,645	29	9	25	62	4	735	1	655	166	93	7	1	92	5	18.09	966	4,142
FDTIR-74	65	66	971	15	5	13	31	2	439	0	354	98	50	4	1	54	3	11.48	531	2,394
FDTIR-74	66	67	349	7	3	5	15	1	181	0	153	40	21	2	0	27	2	3.49	228	947
FDTIR-74	67	68	380	7	3	5	13	1	191	0	151	41	19	1	0	25	2	3.8	226	985
FDTIR-74	68	69	475	9	3	6	16	2	224	0	184	48	24	2	0	36	2	4.77	273	1,213
FDTIR-74	69	70	521	8	3	7	18	1	282	0	222	60	30	2	0	29	2	5.37	331	1,391
FDTIR-74	70	71	900	12	4	11	25	2	421	0	331	90	44	3	0	40	2	9.55	495	2,212
FDTIR-74	71	72	69	2	1	1	3	0	37	0	35	9	5	0	0	6	1	0.68	52	199
FDTIR-74	72	73	18	1	1	0	1	0	9	0	8	2	1	0	0	6	1	0.39	12	58



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-75	43	44	46	2	1	1	2	0	36	0	23	7	3	0	0	11	2	1.08	35	158
FDTIR-75	44	45	63	2	1	1	2	0	42	0	20	7	3	0	0	10	2	1.33	31	178
FDTIR-75	45	46	113	3	2	1	3	1	60	0	27	8	4	0	0	17	2	5.03	42	286
FDTIR-75	46	47	113	3	2	1	2	1	33	0	20	5	3	0	0	14	2	3.58	30	236
FDTIR-75	47	48	387	5	2	3	9	1	152	0	95	28	12	1	0	21	3	5.82	144	845
FDTIR-75	48	49	1,100	10	4	6	14	2	484	0	173	56	21	2	0	35	4	9.86	270	2,244
FDTIR-75	49	50	1,886	16	6	10	29	3	741	1	311	98	40	3	1	59	5	15.37	481	3,766
FDTIR-75	50	51	1,317	15	5	11	28	2	792	0	352	113	45	3	1	47	4	12.21	547	3,210
FDTIR-75	51	52	4,354	40	10	42	93	5	1,582	1	1,319	359	173	10	1	97	6	22.24	1,973	9,489
FDTIR-75	52	53	4,375	53	13	55	126	7	2,062	1	1,682	457	222	14	1	130	8	26.3	2,515	10,799
FDTIR-75	53	54	4,373	68	18	72	165	9	2,169	1	2,184	562	300	18	2	158	10	28	3,227	11,858
FDTIR-75	54	55	3,409	53	14	55	129	7	1,919	1	1,678	441	223	14	1	129	8	22.58	2,490	9,481
FDTIR-75	55	56	2,281	38	10	39	91	5	1,265	1	1,167	306	158	10	1	85	6	19.14	1,731	6,407
FDTIR-75	56	57	1,163	17	6	15	37	3	675	1	429	124	56	4	1	53	6	14.8	651	3,038
FDTIR-75	57	58	1,163	24	9	16	44	4	648	1	473	129	65	5	1	83	6	9.13	707	3,133
FDTIR-75	58	59	763	21	9	16	42	4	525	1	473	126	62	5	1	92	6	6.51	703	2,520
FDTIR-75	59	60	933	30	14	20	54	5	626	1	579	154	77	6	2	162	10	7.32	862	3,145
FDTIR-75	60	61	1,503	54	20	37	101	9	811	2	1,005	237	144	11	2	229	15	9.18	1,459	4,917
FDTIR-75	61	62	1,349	31	12	22	59	5	653	1	607	157	84	7	1	141	8	11.53	898	3,689
FDTIR-75	62	63	1,129	19	6	17	42	3	584	1	522	137	69	5	1	59	3	9.8	774	3,047
FDTIR-75	63	64	413	7	2	5	13	1	195	0	161	44	21	2	0	24	2	4.59	240	1,045
FDTIR-75	64	65	188	4	2	3	7	1	94	0	75	20	11	1	0	18	1	2.2	112	499
FDTIR-75	65	66	20	1	1	1	2	0	10	0	11	2	2	0	0	6	1	0.36	15	67
FDTIR-75	66	66.85	18	2	1	1	2	0	9	0	10	2	2	0	0	6	1	0.38	14	62

HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-76	0	1	275	5	3	2	6	1	86	1	52	15	7	1	0	28	4	5.52	79	570
FDTIR-76	1	2	296	6	3	2	5	1	97	1	51	16	7	1	1	29	4	6.17	79	609
FDTIR-76	2	3	331	5	3	2	6	1	100	1	52	16	7	1	1	28	4	6.32	80	655
FDTIR-76	3	4	374	5	3	2	5	1	103	1	52	17	7	1	1	27	4	6.19	80	708
FDTIR-76	4	5	389	6	4	2	6	1	117	1	57	18	7	1	1	29	4	6.07	89	753
FDTIR-76	5	6	515	6	3	2	7	1	192	0	79	28	10	1	0	27	3	6.93	125	1,028
FDTIR-76	6	7	1,387	11	5	6	16	2	675	1	224	84	25	2	1	48	5	15.39	362	2,923
FDTIR-76	7	8	1,582	12	5	7	18	2	811	1	265	100	30	2	1	46	4	20.19	430	3,384
FDTIR-76	8	9	1,696	14	5	11	25	2	1,137	0	416	149	46	3	1	44	4	14.3	665	4,168
FDTIR-76	9	10	4,260	15	5	11	25	2	1,034	0	363	131	43	3	1	44	3	24.83	582	6,962
FDTIR-76	10	11	4,031	15	5	12	27	2	821	0	360	118	48	3	1	41	3	29.3	563	6,432
FDTIR-76	11	12	3,029	16	6	12	27	2	937	0	347	120	45	3	1	48	4	20.38	550	5,389
FDTIR-76	12	13	2,915	21	6	15	37	3	1,037	1	444	141	56	4	1	55	5	21.97	689	5,559
FDTIR-76	13	14	4,232	32	11	21	58	5	971	1	518	154	74	6	1	102	7	13.96	790	7,262
FDTIR-76	14	15	1,007	20	8	12	32	3	600	1	334	103	47	4	1	83	6	11.37	514	2,655
FDTIR-76	15	16	1,500	23	8	17	43	3	898	1	506	155	70	5	1	87	5	13.24	778	3,901
FDTIR-76	16	17	973	15	5	11	28	2	712	0	353	112	46	3	1	53	4	12.86	548	2,722
FDTIR-76	17	18	1,151	15	6	10	25	2	493	1	285	87	40	3	1	59	4	12.74	438	2,560
FDTIR-76	18	19	1,681	18	6	17	37	3	796	1	491	147	69	4	1	54	4	8.67	750	3,904
FDTIR-76	19	20	3,942	23	7	20	48	3	1,027	1	631	189	86	5	1	67	5	9.44	964	7,098
FDTIR-76	20	21	2,113	25	7	25	56	3	1,073	1	786	227	107	6	1	70	5	12.6	1,190	5,284
FDTIR-76	21	22	1,368	17	5	17	38	2	811	0	516	154	69	4	1	50	4	12.4	788	3,586
FDTIR-76	22	23	1,532	14	4	12	29	2	523	0	354	103	50	3	1	44	3	13.48	538	3,139
FDTIR-76	23	24	783	12	4	11	25	2	533	0	332	99	45	3	0	36	3	11.57	506	2,213
FDTIR-76	24	25	808	9	3	7	17	1	339	0	204	62	29	2	0	29	2	10.52	313	1,776
FDTIR-76	25	26	819	16	5	13	34	2	575	0	367	106	52	3	1	47	3	15.56	557	2,400
FDTIR-76	26	27	1,332	28	8	24	68	4	751	1	553	148	86	7	1	94	5	14.96	824	3,650
FDTIR-76	27	28	1,292	19	5	17	41	2	750	0	488	145	68	4	1	52	3	14.77	745	3,388
FDTIR-76	28	29	1,321	15	4	15	34	2	743	0	456	140	62	3	0	42	2	17.84	702	3,334
FDTIR-76	29	30	1,678	28	7	28	66	4	1,006	0	770	213	108	6	1	69	3	18.31	1,155	4,677
FDTIR-76	30	31	1,540	17	5	17	40	2	860	0	544	163	72	4	0	44	2	21.09	832	3,884
FDTIR-76	31	32	1,493	19	5	18	42	2	824	0	535	158	72	4	0	49	2	18.06	815	3,782
FDTIR-76	32	33	1,411	15	4	16	35	2	745	0	509	149	67	4	0	39	2	16.88	775	3,518
FDTIR-76	33	34	1,260	18	5	17	41	2	674	0	526	147	72	4	1	51	3	11.24	792	3,309
FDTIR-76	34	35	1,343	21	6	21	47	3	743	0	645	176	89	5	1	57	3	12.7	964	3,707
FDTIR-76	35	36	1,063	17	5	18	40	2	552	0	504	133	73	4	1	47	3	10.73	748	2,888
FDTIR-76	36	37	1,068	18	5	17	38	3	512	0	452	121	66	4	1	55	4	10.93	673	2,773
FDTIR-76	37	38	1,251	16	5	15	34	2	544	0	411	116	58	3	1	50	3	15.3	620	2,945
FDTIR-76	38	39	1,257	19	5	17	40	3	650	0	508	143	71	4	1	58	3	16.42	765	3,261
FDTIR-76	39	40	405	7	2	6	16	1	219	0	184	51	26	2	0	23	1	3.56	276	1,108
FDTIR-76	40	41	543	8	3	7	16	1	296	0	225	67	31	2	0	30	2	5.72	344	1,447
FDTIR-76	41	42	533	10	3	8	20	1	286	0	238	66	33	2	0	34	2	5.57	358	1,454
FDTIR-76	42	43	176	4	2	3	8	1	98	0	86	24	13	1	0	15	1	2	129	508
FDTIR-76	43	44.25	54	2	1	1	3	0	34	0	35	9	5	0	0	11	1	1.23	52	188



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Lu	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-77	0	1	559	5	3	2	6	1	111	0	58	19	8	1	0	24	3	8.36	90	939
FDTIR-77	1	2	641	6	3	2	6	1	127	1	62	20	9	1	0	26	3	8.74	97	1,066
FDTIR-77	2	3	669	6	3	2	6	1	126	0	62	20	9	1	0	26	3	8.93	96	1,097
FDTIR-77	3	4	654	6	3	3	7	1	137	1	74	23	10	1	0	28	3	8.64	114	1,116
FDTIR-77	4	5	757	6	3	2	6	1	135	1	65	21	9	1	0	28	4	9.08	102	1,221
FDTIR-77	5	6	735	6	3	2	7	1	141	1	66	22	9	1	1	27	4	8.88	104	1,203
FDTIR-77	6	7	547	6	3	3	7	1	161	1	87	28	12	1	0	26	3	5.37	135	1,040
FDTIR-77	7	8	478	6	3	3	8	1	167	0	94	30	13	1	0	25	3	4.88	146	978
FDTIR-77	8	9	443	6	3	3	8	1	170	0	101	31	14	1	0	26	3	3.71	155	952
FDTIR-77	9	10	279	6	3	3	8	1	173	1	105	33	14	1	0	24	3	3.01	163	767
FDTIR-77	10	11	218	4	2	2	7	1	142	0	83	26	11	1	0	20	3	2.32	129	613
FDTIR-77	11	12	109	3	2	1	3	0	68	0	39	12	5	0	0	12	2	1.29	60	302
FDTIR-77	12	13	83	2	1	1	2	0	64	0	32	11	4	0	0	11	2	1.49	50	250
FDTIR-77	13	14	75	2	1	1	2	0	51	0	26	9	3	0	0	13	2	2.32	41	220
FDTIR-77	14	15	151	3	2	1	3	1	51	0	29	9	4	0	0	15	2	5.27	44	319
FDTIR-77	15	16	188	5	3	2	5	1	62	0	44	13	7	1	0	24	3	5.13	66	419
FDTIR-77	16	17	946	10	5	8	17	2	368	1	217	66	31	2	1	38	4	13.05	333	2,011
FDTIR-77	17	18	1,027	9	4	6	14	2	538	1	162	56	23	2	1	34	4	15.18	256	2,208
FDTIR-77	18	19	1,610	10	5	6	13	2	483	1	156	54	21	2	1	36	4	16.62	247	2,817
FDTIR-77	19	20	1,526	12	4	8	19	2	817	0	262	95	34	2	0	40	3	16.07	420	3,313
FDTIR-77	20	21	1,995	19	6	16	37	3	1,320	1	518	177	69	4	1	60	4	14.45	819	4,961
FDTIR-77	21	22	3,498	42	11	43	95	5	1,700	1	1,225	369	175	10	1	106	7	24.73	1,875	8,551
FDTIR-77	22	23	3,223	51	13	53	117	7	2,069	1	1,459	441	212	12	1	128	8	28.8	2,235	9,146
FDTIR-77	23	24	2,961	48	14	46	107	7	1,548	1	1,228	343	180	11	1	138	9	29.2	1,846	7,793
FDTIR-77	24	25	1,889	40	11	31	82	5	1,205	1	746	209	109	9	1	106	6	16.89	1,123	5,220
FDTIR-77	25	26	1,773	30	10	21	56	4	1,029	1	573	171	79	6	1	90	7	13.51	875	4,519
FDTIR-77	26	27	96	2	1	1	3	0	48	0	30	9	5	0	0	13	2	1.48	45	250
FDTIR-77	27	28	813	16	6	12	30	3	583	1	329	100	46	3	1	60	4	8.81	505	2,357
FDTIR-77	28	29	978	19	7	15	35	3	691	1	422	127	60	4	1	63	5	13.12	646	2,853
FDTIR-77	29	30	1,208	21	6	19	44	3	681	1	557	159	80	5	1	64	4	14.68	841	3,348
FDTIR-77	30	31	1,155	29	11	18	50	4	843	1	470	144	66	6	1	103	7	10.64	722	3,414
FDTIR-77	31	32	573	13	6	7	21	2	372	1	213	67	30	2	1	50	5	6.26	329	1,601
FDTIR-77	32	33	213	5	3	2	5	1	98	1	55	18	8	1	0	27	4	4.08	86	518
FDTIR-77	33	34	163	5	3	2	5	1	89	0	51	16	7	1	0	25	3	3.85	79	437
FDTIR-77	34	35	213	5	3	2	5	1	87	0	51	16	7	1	0	26	3	3.82	79	496
FDTIR-77	35	36	268	4	3	1	3	1	38	0	19	6	4	1	0	20	3	5.58	30	436
FDTIR-77	36	37	573	7	3	4	9	1	268	1	96	32	13	1	0	28	4	9.83	150	1,220
FDTIR-77	37	38	820	10	5	5	13	2	519	1	140	49	18	2	1	37	5	10.97	223	1,906
FDTIR-77	38	39	1,392	12	5	7	17	2	879	1	219	82	26	2	1	41	5	13.58	354	3,155
FDTIR-77	39	40	924	12	4	10	24	2	420	0	295	87	41	3	1	43	3	7.99	449	2,193
FDTIR-77	40	41	963	13	5	11	26	2	401	0	302	86	44	3	1	48	3	7.73	456	2,239
FDTIR-77	41	42	163	3	1	2	5	0	62	0	48	13	7	1	0	11	1	1.51	73	373
FDTIR-77	42	43	36	2	1	1	2	0	15	0	13	3	2	0	0	8	1	0.66	19	99
FDTIR-77	43	43.75	21	1	1	0	1	0	8	0	7	2	1	0	0	7	1	0.65	10	59



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-78	0	1	664	6	3	2	6	1	142	0	66	22	9	1	0	26	3	8.48	103	1,117
FDTIR-78	1	2	666	6	3	2	6	1	137	1	68	22	10	1	1	26	3	8.4	106	1,119
FDTIR-78	2	3	669	6	3	2	6	1	136	0	65	21	10	1	0	26	3	8.27	101	1,113
FDTIR-78	3	4	756	6	3	2	6	1	141	0	65	21	9	1	0	26	4	8.29	101	1,221
FDTIR-78	4	5	604	5	3	2	5	1	113	0	52	17	7	1	0	23	3	6.37	80	980
FDTIR-78	5	6	463	5	3	1	4	1	75	0	36	11	5	1	0	24	3	5.78	55	743
FDTIR-78	6	7	732	6	3	2	6	1	209	0	58	21	8	1	1	27	4	9.05	93	1,268
FDTIR-78	7	8	774	8	4	4	9	1	415	1	108	39	14	1	1	30	4	10.26	173	1,656
FDTIR-78	8	9	836	8	4	4	10	1	496	1	124	45	16	1	1	32	4	12.55	199	1,856
FDTIR-78	9	10	980	8	4	5	12	1	627	0	158	59	19	2	0	28	3	14.85	256	2,238
FDTIR-78	10	11	1,054	8	3	5	13	1	572	0	157	59	20	2	0	30	2	14.42	254	2,261
FDTIR-78	11	12	1,231	12	4	9	22	2	863	0	303	105	37	3	0	38	3	13.45	481	3,088
FDTIR-78	12	13	1,852	14	4	10	26	2	1,069	0	373	131	43	3	0	39	2	17.84	594	4,185
FDTIR-78	13	14	1,415	13	4	10	24	2	927	0	349	121	40	3	0	41	3	16.5	553	3,463
FDTIR-78	14	15	1,842	17	5	13	33	2	1,132	0	463	158	53	4	0	50	3	17.6	731	4,430
FDTIR-78	15	16	1,490	13	4	10	25	2	998	0	371	132	42	3	1	41	3	16.93	592	3,676
FDTIR-78	16	17	1,728	17	6	13	32	3	1,084	0	425	146	51	4	1	55	4	13.99	672	4,184
FDTIR-78	17	18	3,032	34	10	29	68	5	1,470	1	847	259	120	7	1	96	6	21.77	1,301	7,020
FDTIR-78	18	19	3,648	45	12	51	106	6	1,776	1	1,612	460	221	11	1	104	7	29.4	2,437	9,454
FDTIR-78	19	20	3,399	42	11	46	98	5	1,750	1	1,379	405	192	10	1	101	6	30.3	2,098	8,735
FDTIR-78	20	21	2,623	27	8	28	61	4	1,392	1	858	261	117	6	1	76	4	21.76	1,317	6,411
FDTIR-78	21	22	2,371	50	14	39	105	7	1,459	1	1,007	295	145	11	1	132	7	16.83	1,531	6,624
FDTIR-78	22	23	1,698	32	11	21	60	5	825	1	531	152	77	6	1	100	7	10.35	803	4,139
FDTIR-78	23	24	1,166	21	9	14	36	3	632	1	417	122	59	4	1	84	6	11.56	634	3,025
FDTIR-78	24	25	1,552	23	9	15	40	4	747	1	439	133	61	4	1	93	6	11.94	674	3,672
FDTIR-78	25	26	1,087	15	5	11	27	2	602	1	316	97	44	3	1	52	4	11.62	487	2,661
FDTIR-78	26	27	1,573	16	5	13	30	2	765	0	403	123	55	3	1	48	4	14.89	618	3,568
FDTIR-78	27	28	1,415	21	8	17	40	3	827	1	525	156	73	4	1	74	6	13.68	801	3,722
FDTIR-78	28	29	1,297	24	8	18	45	3	1,134	1	542	169	72	5	1	82	5	12.18	837	4,000
FDTIR-78	29	30	1,980	14	5	10	24	2	609	1	284	89	40	3	1	53	4	10.43	439	3,658
FDTIR-78	30	31	2,172	21	6	19	44	3	995	0	566	174	75	5	1	57	4	18.11	871	4,859
FDTIR-78	31	32	1,168	15	5	11	28	2	546	0	336	100	47	3	1	49	4	12.38	513	2,718
FDTIR-78	32	33	1,009	14	4	13	29	2	681	0	396	120	53	3	0	41	3	11.52	607	2,780
FDTIR-78	33	34	1,441	16	5	14	32	2	749	0	430	131	58	4	1	48	3	14.35	659	3,441
FDTIR-78	34	35	1,905	17	5	16	35	2	692	0	465	137	64	4	1	51	3	13.95	709	3,985
FDTIR-78	35	36	1,986	28	7	27	62	4	981	0	762	210	108	6	1	72	4	18.39	1,142	4,996
FDTIR-78	36	37	1,004	25	7	20	53	3	565	0	455	123	72	6	1	66	4	11.58	679	2,820
FDTIR-78	37	38	595	9	3	9	21	1	315	0	266	74	37	2	0	30	2	4.9	400	1,603
FDTIR-78	38	39	549	10	3	9	21	1	264	0	245	64	37	2	0	30	2	5.11	363	1,453
FDTIR-78	39	40	528	11	4	10	25	2	277	0	262	66	40	3	0	36	2	4.7	386	1,487
FDTIR-78	40	41	36	4	2	2	6	1	24	0	43	8	8	1	0	16	2	0.98	60	180
FDTIR-78	41	42	21	4	2	2	5	1	13	0	24	4	6	1	0	16	2	0.92	33	118



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-79	0	1	403	5	3	2	5	1	98	0	52	16	8	1	1	26	4	6.73	80	734
FDTIR-79	1	2	390	6	3	2	6	1	95	1	50	16	7	1	0	27	4	6.73	78	715
FDTIR-79	2	3	391	5	3	2	5	1	93	0	48	15	7	1	0	26	4	6.71	74	707
FDTIR-79	3	4	376	5	3	2	5	1	91	1	47	15	7	1	1	27	3	6.71	73	685
FDTIR-79	4	5	406	5	3	2	5	1	92	1	48	15	7	1	0	26	3	6.47	74	722
FDTIR-79	5	6	330	5	3	1	5	1	84	0	46	14	6	1	0	25	4	5.57	71	619
FDTIR-79	6	7	243	5	3	1	5	1	81	0	46	14	7	1	0	26	3	4.86	70	513
FDTIR-79	7	8	181	5	3	2	5	1	87	0	52	16	7	1	0	25	3	4.47	79	457
FDTIR-79	8	9	160	4	2	1	4	1	92	0	53	17	7	1	0	18	2	2.66	82	426
FDTIR-79	9	10	104	2	1	1	2	0	62	0	27	10	3	0	0	11	2	1.55	43	265
FDTIR-79	10	11	92	2	1	1	2	0	53	0	22	8	3	0	0	12	2	2.89	35	234
FDTIR-79	11	12	77	3	2	1	2	1	33	0	20	6	3	0	0	15	2	3.02	30	195
FDTIR-79	12	13	174	3	2	1	2	1	36	0	22	6	3	0	0	15	2	2.14	33	314
FDTIR-79	13	14	81	3	2	1	3	1	27	0	20	6	3	0	0	15	2	2.6	30	193
FDTIR-79	14	15	248	5	3	2	6	1	98	0	56	17	8	1	0	21	3	6.46	86	550
FDTIR-79	15	16	543	8	4	6	15	1	316	0	182	56	25	2	1	31	4	9.06	280	1,401
FDTIR-79	16	17	985	11	4	9	20	2	452	0	258	80	36	2	1	38	4	9.9	398	2,231
FDTIR-79	17	18	1,289	14	5	12	27	2	592	1	351	107	50	3	1	46	4	12.29	539	2,939
FDTIR-79	18	19	916	13	5	9	21	2	546	1	244	77	35	2	1	46	5	9.44	378	2,257
FDTIR-79	19	20	1,503	12	5	7	18	2	418	1	193	61	28	2	1	43	5	12.45	299	2,696
FDTIR-79	20	21	1,803	12	5	7	17	2	767	1	197	75	25	2	1	43	4	16.79	320	3,471
FDTIR-79	21	22	1,773	13	5	7	20	2	885	1	222	87	27	2	1	49	4	14.36	364	3,636
FDTIR-79	22	23	1,368	14	5	9	24	2	742	0	242	84	33	3	1	47	3	14.44	383	3,023
FDTIR-79	23	24	1,290	16	6	11	28	3	816	1	293	99	39	3	1	57	4	13.13	460	3,130
FDTIR-79	24	25	1,413	12	4	9	22	2	829	0	284	100	34	2	0	36	2	16.12	452	3,226
FDTIR-79	25	26	1,622	17	5	13	32	2	1,211	0	439	156	53	3	1	49	3	14.66	701	4,234
FDTIR-79	26	27	1,948	32	8	29	72	4	1,472	0	802	235	109	7	1	79	4	18.91	1,220	5,634
FDTIR-79	27	28	1,183	18	5	12	35	3	642	0	318	96	47	4	1	52	3	15.38	487	2,838
FDTIR-79	28	29	2,183	34	9	34	75	4	1,005	1	923	250	132	8	1	92	6	12.95	1,379	5,581
FDTIR-79	29	30	1,314	23	7	21	49	3	676	1	586	160	84	5	1	67	5	5.26	876	3,521
FDTIR-79	30	31	5,085	25	8	26	55	3	956	1	778	220	106	6	1	71	5	8.59	1,173	8,611
FDTIR-79	31	32	1,474	29	9	29	63	4	864	1	835	226	119	7	1	81	6	11.55	1,247	4,397
FDTIR-79	32	33	1,844	52	17	46	108	8	1,093	1	1,184	302	177	12	2	177	11	13.18	1,747	5,915
FDTIR-79	33	34	1,446	62	27	36	104	11	728	2	801	199	131	12	3	347	18	11.82	1,174	4,631
FDTIR-79	34	35	1,091	110	70	28	120	25	472	6	486	121	83	17	8	1,279	42	7.14	713	4,753
FDTIR-79	35	36	863	27	11	15	46	4	373	1	363	93	54	5	1	135	7	6.2	535	2,353
FDTIR-79	36	37	1,279	42	19	25	72	8	604	2	568	146	90	8	2	234	13	10.1	840	3,667
FDTIR-79	37	38	926	26	10	18	51	4	432	1	413	106	63	5	1	98	7	7.87	609	2,539
FDTIR-79	38	39	1,047	28	11	19	53	4	497	1	454	120	68	6	1	114	7	10.18	675	2,857
FDTIR-79	39	40	1,008	31	12	18	53	5	453	1	418	110	66	6	1	137	8	10.7	620	2,738
FDTIR-79	40	41	943	24	8	16	43	4	403	1	369	98	56	5	1	87	6	9.9	549	2,424
FDTIR-79	41	42	973	25	10	16	46	4	447	1	387	102	59	5	1	105	6	9.54	576	2,571
FDTIR-79	42	43	1,112	34	12	23	69	5	519	1	465	118	78	7	1	134	8	8.52	685	3,042
FDTIR-79	43	44	1,254	30	9	25	68	4	618	1	574	144	93	7	1	85	5	8.23	845	3,424
FDTIR-79	44	45	536	9	3	8	20	1	255	0	208	58	30	2	0	33	2	6.03	313	1,369
FDTIR-79	45	46	647	10	3	8	21	1	291	0	235	65	34	2	0	33	2	7.85	353	1,589
FDTIR-79	46	46.4	263	7	2	4	12	1	135	0	116	31	17	1	0	23	1	3.31	173	723

Appendix 3: 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	- Nature and quality of sampling (e.g. 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 mineralization that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. '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 mineralization types (e.g. submarine nodules) may warrant disclosure of detailed information.	- Samples were taken from diamond drillhole. One quarter of the core was sampled and sent to SGS-GEOSOL, using a spatula. The remaining three quarters was stored at the core yard. The sampling intervals were chosen based on geological description during drill core logging. The samples were produced according to industry standard procedures. - Measures to ensure sample representativity include setting up of a specific sampling procedure and having a dedicated-on-site full-time survey team. - Best practices as drill core recovery and depth marks audits were performed during drilling campaigns and sampling. The diamond drilling recovery conference consisted of verifying advance and recoveries recorded in the core boxes and drilling bulletins. - Industry standard work has been done. Core samples with an average length of 1 m were sampled separately. ; Resouro sent 2 kg average weight samples to the laboratory without quartering. The sampling was planned by the geologists and care was taken to avoid any contamination between neighbouring samples.
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).	- For this announcement, only diamond drilling results were reported. All drill holes have diameter using the standard HQ (63.5 mm) - All holes were vertical and with depths varying between 29 and 102 m, as reported in the appendix 1 and 2
Drill sample recovery	- Method of recording and assessing core and chip sample recoveries and results assessed. - Measures taken to maximize 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.	- The diamond drilling recovery conference consisted of verifying runs and recoveries recorded in the core boxes and drilling bulletins with verification undertaken by measuring with tape measure the core present in the boxes. - Strict control on the services providers was maintained by the Resouro field team, made by two geologists and four technicians. - It was not observed any relationship between recovery and grade. Except for few cases, the recovery was excellent, near 100%
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.	- Geotechnical descriptions were not carried out. - The author considers that the level of detail of geological description for the diamond drillhole is sufficient for the reporting of Exploration Results. - Lithological logging is qualitative in nature. Geological description consisted of defining weathering levels, mineralogical, lithological, in all holes with a detail of one meter.

Criteria	JORC Code Explanation	Commentary
	The total length and percentage of the relevant intersections logged.	All drillholes described in this announcement were fully logged.
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.	- Core was cut using a spatula, since the material is soft and friable. Only a quarter was taken, performing about 2 kg for every meter of HQ diamond drilling. - The physical preparation of the drilling samples was performed at the SGS-GEOSOL Laboratory of Vespasiano – MG. Physical preparation involves crushing ~75% of the material to 3mm followed by pulverizing 95% of the material to <150#, generating a pulp weighing 250g. - Sample sizes are considered appropriate for the mineralization type.
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 (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	- The applied assay method is considered to be the standard for the determination of TiO₂ and REE. Chemical analyses were conducted in the laboratory of SGS Geosol, Vespasiano-MG. Sample pulps were assayed by ICP-MS, ICP-OES methods. X-ray Fluorescence is used for over-the-top limit of TiO₂ (25%). The assay technique is considered to be a total rock geochemical analysis method and a standard technique within the industry. - A Susceptibilimeter, KT-10, is used to speed up the distinction between waste and mineralization. The latter has much higher magnetism than the waste rock. 1 field duplicates, 3 standards and 2 blanks were inserted for every 50 samples to control the quality of the physical preparation. Acceptable levels of accuracy were observed. A batch of 150 samples was sent to a second laboratory (ALS-Chemex) for umpire checking. Results were considered excellent.
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.	- The field team monitors QAQC data through graphs and tables. - No twin holes were used in the present batch of results being reported. - Data collection and verification and storage protocols are fully documented. - Results below detection level were attributed a value of half of the detection limit.
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.	- All drillhole collars were topographically surveyed by Stationary GPS measurements, using the system RTK. - WGS 84 Datum for coordinate system.

Criteria	JORC Code Explanation	Commentary
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.	- Diamond drillhole samples were produced at average length of 1m - The drilling is in the exploratory phase and the grid is irregular in general terms. In average, the original grid had 500 m separation. The infill grid has an average of 250 m separation. - Not Applied
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 mineralized structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	- The geological layers are approximately horizontal, and the holes are vertical. Sampling was performed almost perpendicular to the layers, which is the best condition. - No bias was introduced when using vertical drillholes.
Sample security	The measures taken to ensure sample security.	Samples receive in the field an identification on the sample bag containing the hole number and depth. Later in the core storage facility, each sample receives a sample number identification, both on the outside of the bag and internally with a label. The aliquots sent to the laboratory are also properly identified, internally and externally, with the sample number. All samples handling and transportation is done by own personnel.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	At Sedar and at the Resouro website there are two NI 43.101 reports, prepared by GE21 and Atticus Geoscience, with audits and reviews of sampling data.

Section 2 Reporting of Exploration Results

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.	Resouro has control of all mineral titles listed in the table below through: 1- Tiros Minerais Estratégicos Mineração Ltda (TMEL), a company owned 90% by Resouro 2- Other title holders (RBM Consultoria Mineral Ltda, Rodrigo de Brito Mello) have signed the total transfer documents to TMEL, which were duly lodged at ANM 3- The title holder Nexon Mineração has signed a total transfer to Marcelo Martins, who has a contract with TMEL for a total transfer to TMEL as soon as the transfer process has been approved. <table><tr><th>Tenement</th><th>AREA Ha</th><th>Title Holder</th><th>Situation</th></tr><tr><td>830026/2021</td><td>1,999</td><td>Rodrigo de Brito Mello</td><td>Extension granted - Permit valid to 29/01/2028</td></tr><tr><td>830027/2021</td><td>1,987</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 12/01/2027 (renewal possible)</td></tr><tr><td>830450/2017</td><td>872</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 07/11/2026 (renewal not possible)</td></tr><tr><td>830915/2018</td><td>1,055</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration report presented - Term extension requested</td></tr><tr><td>831045/2010</td><td>1,736</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Mining plan presented - Awaiting appreciation</td></tr><tr><td>831237/2021</td><td>1,855</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Extension granted - Permit valid to 23/01/2028</td></tr><tr><td>831314/2021</td><td>1,972</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration report presented - Term extension requested</td></tr><tr><td>831390/2020</td><td>1,995</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration report presented - Term extension requested</td></tr><tr><td>831720/2020</td><td>1,981</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration report presented - Term extension requested</td></tr><tr><td>832023/2023</td><td>2,000</td><td>Rodrigo de Brito Mello</td><td>Exploration permit valid to 28/9/2026 (renewal possible)</td></tr><tr><td>832025/2023</td><td>1,999</td><td>RBM Consultoria Mineral</td><td>Exploration permit valid to 28/9/2026 (renewal possible)</td></tr><tr><td>832026/2023</td><td>1,984</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 28/9/2026 (renewal possible)</td></tr><tr><td>832027/2023</td><td>2,000</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 26/9/2026(renewal possible)</td></tr><tr><td>832029/2023</td><td>1,979</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 28/9/2026 (renewal possible)</td></tr><tr><td>832223/2023</td><td>1,988</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 22/11/2026 (renewal possible)</td></tr><tr><td>832226/2023</td><td>2,000</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 22/11/2026 (renewal possible)</td></tr><tr><td>832601/2023</td><td>1,996</td><td>Rodrigo de Brito Mello</td><td>Exploration permit valid to 29/12/2026 (renewal possible)</td></tr><tr><td>832604/2023</td><td>2,000</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 29/12/2026 (renewal possible)</td></tr><tr><td>832620/2023</td><td>1,990</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 12/01/2027 (renewal possible)</td></tr><tr><td>832621/2023</td><td>1,998</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 12/01/2027 (renewal possible)</td></tr><tr><td>832624/2023</td><td>1,999</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 12/01/2027 (renewal possible)</td></tr><tr><td>832625/2023</td><td>1,998</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 12/01/2027 (renewal possible)</td></tr><tr><td>832627/2023</td><td>1,989</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Exploration permit valid to 12/01/2027 (renewal possible)</td></tr><tr><td>833082/2014</td><td>1,251</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Positive Report aproved - Mining plan due 26/6/2025</td></tr><tr><td>833083/2014</td><td>366</td><td>Tiros Minerais Estratégicos Mineração Ltda</td><td>Positive Report aproved - Mining plan due 26/6/2025</td></tr><tr><td>831755/2020</td><td>1,988</td><td>Nexon (Marcelo Martins)</td><td>Exploration report presented - Term extension requested</td></tr><tr><td>831756/2020</td><td>1,965</td><td>Nexon (Marcelo Martins)</td><td>Exploration report presented - Term extension requested</td></tr><tr><td>831762/2020</td><td>821</td><td>Nexon (Marcelo Martins)</td><td>Exploration report presented - Term extension requested</td></tr></table>	Tenement	AREA Ha	Title Holder	Situation	830026/2021	1,999	Rodrigo de Brito Mello	Extension granted - Permit valid to 29/01/2028	830027/2021	1,987	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 12/01/2027 (renewal possible)	830450/2017	872	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 07/11/2026 (renewal not possible)	830915/2018	1,055	Tiros Minerais Estratégicos Mineração Ltda	Exploration report presented - Term extension requested	831045/2010	1,736	Tiros Minerais Estratégicos Mineração Ltda	Mining plan presented - Awaiting appreciation	831237/2021	1,855	Tiros Minerais Estratégicos Mineração Ltda	Extension granted - Permit valid to 23/01/2028	831314/2021	1,972	Tiros Minerais Estratégicos Mineração Ltda	Exploration report presented - Term extension requested	831390/2020	1,995	Tiros Minerais Estratégicos Mineração Ltda	Exploration report presented - Term extension requested	831720/2020	1,981	Tiros Minerais Estratégicos Mineração Ltda	Exploration report presented - Term extension requested	832023/2023	2,000	Rodrigo de Brito Mello	Exploration permit valid to 28/9/2026 (renewal possible)	832025/2023	1,999	RBM Consultoria Mineral	Exploration permit valid to 28/9/2026 (renewal possible)	832026/2023	1,984	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 28/9/2026 (renewal possible)	832027/2023	2,000	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 26/9/2026(renewal possible)	832029/2023	1,979	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 28/9/2026 (renewal possible)	832223/2023	1,988	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 22/11/2026 (renewal possible)	832226/2023	2,000	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 22/11/2026 (renewal possible)	832601/2023	1,996	Rodrigo de Brito Mello	Exploration permit valid to 29/12/2026 (renewal possible)	832604/2023	2,000	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 29/12/2026 (renewal possible)	832620/2023	1,990	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 12/01/2027 (renewal possible)	832621/2023	1,998	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 12/01/2027 (renewal possible)	832624/2023	1,999	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 12/01/2027 (renewal possible)	832625/2023	1,998	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 12/01/2027 (renewal possible)	832627/2023	1,989	Tiros Minerais Estratégicos Mineração Ltda	Exploration permit valid to 12/01/2027 (renewal possible)	833082/2014	1,251	Tiros Minerais Estratégicos Mineração Ltda	Positive Report aproved - 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	The security of the tenure held at the time of reporting along with any known impediments	ANM' GIS system (http://sigmine.dnpm.gov.br/webmap/SIGMINE (anm.gov.br) was checked to verify the status of tenement areas at the time of report and the information shows the areas as regular for exploration works by Resouro. No issue related																																																																																																																				

Criteria	JORC Code explanation	Commentary
	to obtaining a license to operate in the area.	to tenements rights in this check was detected
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Not applicable to this announcement. All holes were drilled by Resouro
Geology	Deposit type, geological setting and style of mineralization.	Rare earth and titanium mineralization are hosted in sandstones and conglomerates of the Capacete Formation, belonging to the Mata da Corda Group. Titanium is associated with the mineral anatase, originating from the alteration of perovskite. As for rare earths, they are suspected to be associated with ionic clays. The Capacete Formation is the result of the sedimentation of the erosion product of the rocks of the Patos Formation, also belonging to the Mata da Corda Group. The Patos Formation represents a voluminous set of Upper Cretaceous kamafugite pyroclastic flows and deposits, hosted in the Brasília Belt, southwest of the São Francisco Craton.
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.	This press release refers to the results of the drill holes listed in the Appendix 1.
Data aggregation methods	- In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. 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.	- To divulgate notable intervals, a cutoff of 6% TiO₂ and 1,000 ppm TREO is used. High grade intervals were defined using the cutoff of 16% TiO₂ and/or 6.000 ppm TREO. No other aggregation method is used. - Low grade results are avoided on the reporting of notable intervals. - No metal equivalent was reported.
Relationship between mineralization	- These relationships are particularly important in the reporting of Exploration Results. - If the geometry of the mineralization with respect to the drill hole angle is known, its	All holes were vertical, and the mineralization zone is horizontal.

Criteria	JORC Code explanation	Commentary
widths and intercept lengths	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 (e.g. 'down hole length, true width not known').	
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.	Not applicable
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 results from the SGS-Geosol laboratory available for the twelve holes being reported, for the elements Rare Earth and TiO₂ are listed in the Appendix 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.	Test work through various metallurgical tests and process has demonstrated effective recovery of titanium and rare earth mineralisation with a flow sheet in development.
Further work	- The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). - Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	A new auger drill campaign is progressing at the moment, covering areas of low overburden. Infill results will be used to update the mineral resource model. Outcomes of metallurgical test work will be finalized in the near term for the purpose of drafting a Scoping study including engineering and environmental data.