

ASX: RAU
TSXV: RSM
OTCQB: RSGOF

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5 February 2025

ASX Release:
6 February 2025

Spectacular assays to 25% TiO₂ and 11,000ppm TREO At Tiros Central Project

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

Highlights

Significant intervals from twelve holes (two with partial results) from the Tiros Central Project are presented below:

- **6m at 19.5% TiO₂ and 4,800ppm TREO** from 39 metre down hole in FDTIR-37
- **9m at 21.8% TiO₂ and 7,700ppm TREO** from 34 metre down hole in FDTIR-38
- **7m at 24.5% TiO₂ and 11,000ppm TREO** from 39 metre down hole in FDTIR-39
- **5m at 22.1% TiO₂ and 10,000ppm TREO** from 31 metre down hole in FDTIR-40
- **40m at 11.2% TiO₂ and 4,100ppm TREO** from 9 metre down hole in FDTIR-41
- **6m at 10.8% TiO₂ and 8,900ppm TREO** from 11 metre down hole in FDTIR-42
- **2m at 19.3% TiO₂ and 9,600ppm TREO** from 51 metre down hole in FDTIR-43
- **4m at 22.1% TiO₂ and 9,100ppm TREO** from 53 metre down hole in FDTIR-44
- **4m at 21.3% TiO₂ and 8,970ppm TREO** from 8 metre down hole in FDTIR-45
- **16m at 9.6% TiO₂ and 3,500ppm TREO** from 23 metre down hole in FDTIR-47
- **20m at 11% TiO₂ and 5,200ppm TREO** from surface in FDTIR-48

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Further assays are expected progressively in the coming weeks of February 2025.

These results are assays from an infill diamond drill program of 39 drill holes for 2,519 m for the Central Block at Tiros using cut-off grades of 1,000ppm for Total Rare Earth Oxides (“TREO”) and 6% for Titanium Dioxide (“TiO₂”) (*refer Appendix 1, 2, 3*). The high-grade zone is defined using a cut-off grade of 6,000ppm for TREO and/or 16% for TiO₂.

The table below summarises some of the intersections that identify a broad zone of high-grade mineralisation with typically 10% to 12% TiO₂ and 4,000 to 5,000ppm TREO, and narrower intervals of very high-grade mineralisation of 19% to 22% TiO₂ and 9,000 to 11,000ppm TREO.

HOLEID	FROM	TO	Length	TiO ₂ %	NdPrppm	TREOppm	Note
FDTIR-37	37	86	49	10.73	951	3,932	
Including	39	45	6	19.46	978	4,825	
FDTIR-38	30	84	54	12.10	994	4,364	
Including	34	43	9	21.84	1,580	7,685	
FDTIR-39	33	88	55	11.36	986	4,249	
Including	39	46	7	24.48	2,711	11,161	
FDTIR-40	11	18	7	15.32	618	4,534	
FDTIR-40	31	49	18	12.40	1,153	5,497	
Including	31	36	5	22.07	1,836	10,069	
FDTIR-41	9	49	40	11.18	1,009	4,087	
FDTIR-42	0	37	37	11.19	1,084	4,538	
Including	11	17	6	10.82	2,576	8,947	
FDTIR-43	46	97	51	11.36	851	3,865	
Including	51	53	2	19.31	2,364	9,630	
FDTIR-44	44	97	53	11.09	819	3,591	
Including	53	57	4	22.11	2,361	9,135	
FDTIR-45	8	24	16	10.89	1,489	6,057	Partial results
Including	8	12	4	21.29	1,967	8,970	
Including	15	16	1	7.55	2,075	16,007	
FDTIR-47	23	39	16	9.63	863	3,473	
FDTIR-48	0	20	20	11.00	914	5,210	Partial results

Table 1: Summarised drill assay results.

The high-grade zone was identified at eight of the ten holes with completed results. This valuable zone, usually with double the grade for TiO₂ and TREO, as compared with the normal mineralized zone, will be an important target during scoping study mine optimisation studies.

Mineralisation is hosted within a variable sequence of volcanic and epiclastic rocks that are highly weathered to depths of 60 metres.

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Commenting on the first batch of assay results from the Tiros Central Project, Resouro’s CEO, Alistair Stephens, said:

“These drill hole assays are exceptional on a global scale while remaining characteristic of Tiros mineralisation. Beyond the impressive tenor of mineralisation, the lateral continuity over widths of 30m to 50m further underscores the project’s significance.”

Figure 1, below, demonstrates the spatial distribution between the Tiros North (Northern block), Tiros Central (Central), Sao Gotardo and Campos Altos (Southern) targets. Mineral Resource Estimation is currently limited to the Tiros Central target.

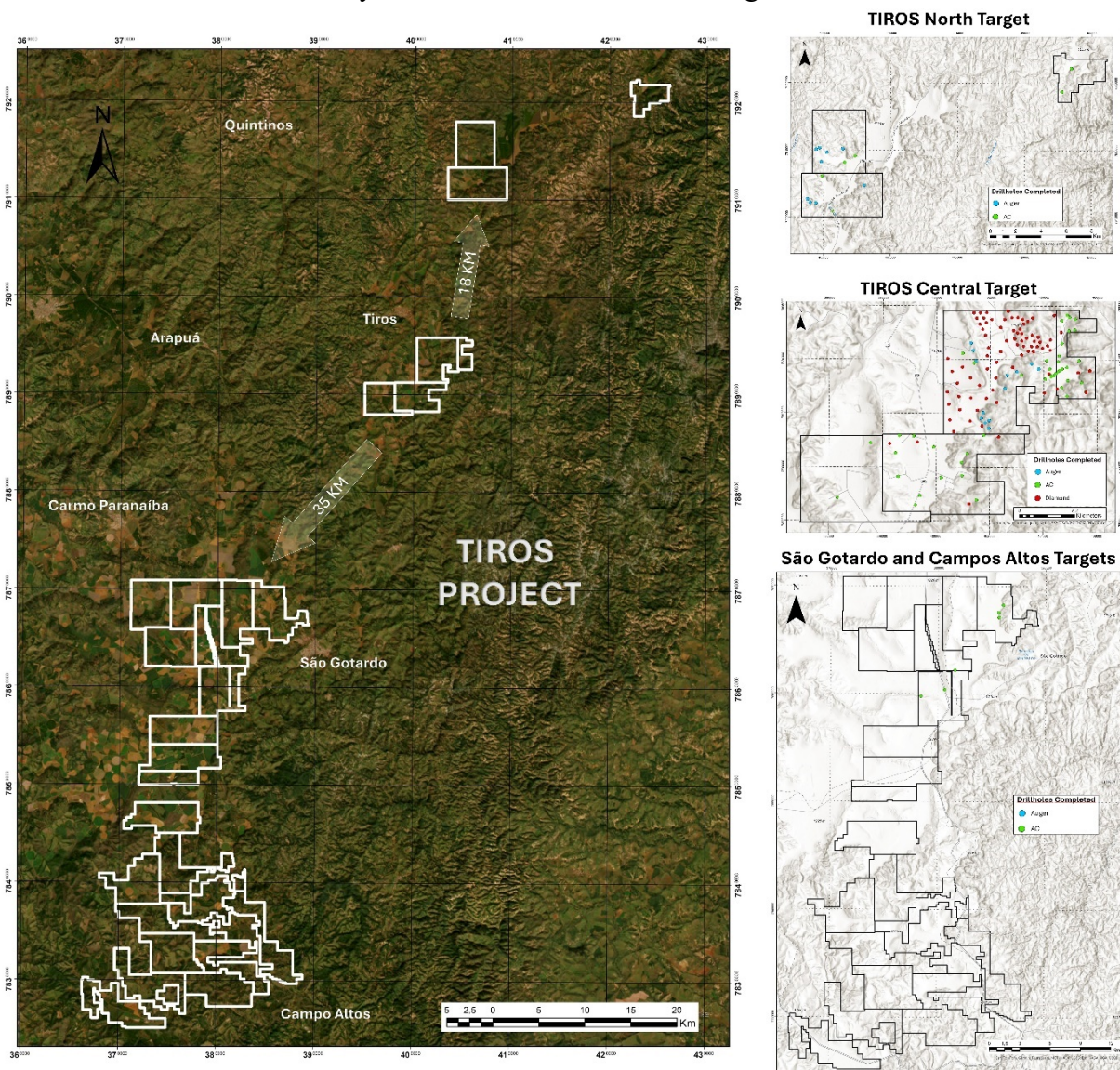


Figure 1. Resouro’s tenement holding at Tiros North, Tiros Central, Sao Gotardo and Campos Altos.

The Infill Drilling Campaign

Following the release of the Company’s maiden Mineral Resource Estimate (MRE) for the Tiros Project (refer ASX Announcement 18 July, 2024/TSXV 17 July, 2024), an infill drilling campaign was completed within the Central Block at Tiros.

The infill drilling program consisted of 39 diamond drill holes for 2,519 m. This program generated 2,286 samples. The initial six holes aimed at zones with wide space drilling, over the plateaus with overburden. The remaining holes targeted valleys in the northern part of the Tiros Central target, where low overburden thickness would be optimal for the commencement of a mining operation.

Figure 2 (below), outlines the two phases of drilling, categorized by type. The first phase supported the mineral resource estimation while the second phase focused on infill drilling and a more detailed investigation of high-grade zones with shallow overburden – areas the Company is considering for its initial mining operations.

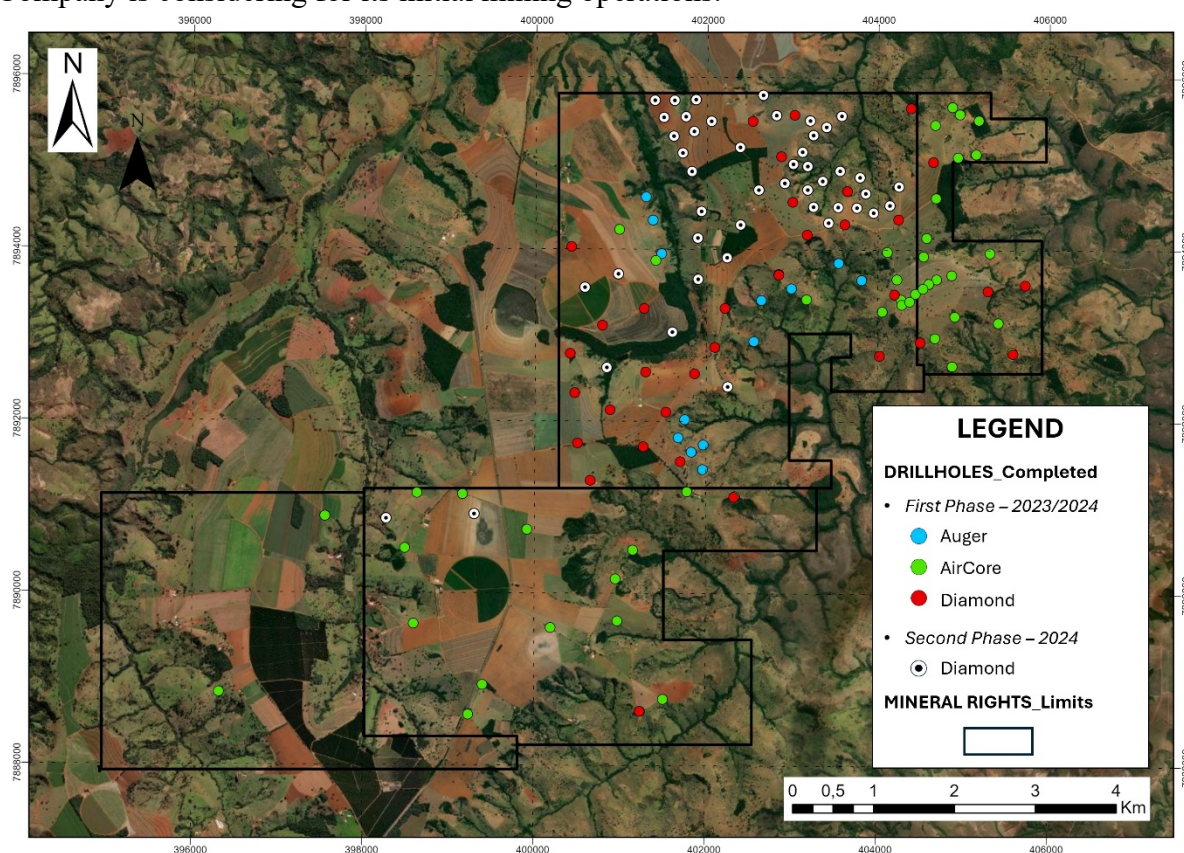


Figure 2: Drill hole locations at Tiros Central Block.

The Company looks forward to providing details of further assay results as they are received.

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

Contact Information:

Chris Eager,
Executive Chairman
chris.eager@resouro.com
+44 7388 0579809

Alistair Stephens,
CEO
alistair.stephens@resouro.com
+61 488 992 544

Melissa Hamilton,
Media
melissa.hamilton@mcpartners.com.au
+61 417 750 274

About the Company:

Resouro is a Canadian incorporated mineral exploration and development company, listed on the ASX, TSXV, OTCQB and FSE, focused on the discovery and advancement of economic mineral projects in Brazil, including the Tiros Titanium and Rare Earths and project in Minas Gerais and the Novo Mundo Gold Project in Mato Grosso. The Tiros project represents 28 mineral concessions totalling 497 km² located in the state of Minas Gerais, one of the most infrastructurally developed states of Brazil, 350 km from Belo Horizonte, the state capital. Resouro has released a Mineral Resource Estimate for the Tiros Project of 1.7 bn tonnes of Inferred, Indicated and Measured Resource (*reference: ASX release ASX: RAU dated 18th July 2024, TSXV 17th July 2024*).

DOMAIN	CAT	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:

TSXV Chess Depositary Interests	43,313,635
ASX Common Stock	49,276,414
Total on Issue	92,590,049
Shares in Escrow	1,642,000
Options (various strike prices)	14,939,259
Performance Rights	750,000
Fully Diluted Securities	109,921,308

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 announcement 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 announcement 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-37	399,294	7,890,918	1,073	91.2
FDTIR-38	402,237	7,893,905	1,062	87.05
FDTIR-39	402,392	7,894,286	1,066	95
FDTIR-40	401,934	7,894,442	1,022	53.75
FDTIR-41	401,894	7,894,133	1,027	55.65
FDTIR-42	401,898	7,893,653	1,017	43.7
FDTIR-43	402,603	7,894,692	1,074	105.65
FDTIR-44	402,385	7,895,188	1,075	104.85
FDTIR-45	403,392	7,895,426	1,027	56.7
FDTIR-47	402,250	7,892,405	1,018	44.75
FDTIR-48	400,837	7,892,624	1,025	44.9

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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-37	32	33	383	12	5	6	20	2	176	1	163	43	29	3	1	46	5	3.35	242	1,051
FDTIR-37	33	34	336	9	4	5	15	1	154	0	145	38	24	2	1	34	3	2.67	215	906
FDTIR-37	34	35	746	11	5	7	18	2	381	1	270	80	34	2	1	42	4	4.27	412	1,883
FDTIR-37	35	36	894	12	5	9	23	2	527	1	318	93	41	3	1	49	4	6.42	484	2,326
FDTIR-37	36	37	608	10	5	7	17	2	329	1	216	62	30	2	1	44	4	4.06	328	1,569
FDTIR-37	37	38	1,462	25	9	19	47	4	817	1	549	160	78	6	1	86	6	10.13	834	3,839
FDTIR-37	38	39	603	10	4	5	15	2	334	0	132	44	18	2	1	35	3	17.01	207	1,418
FDTIR-37	39	40	1,271	13	6	8	19	2	807	1	269	99	30	2	1	52	5	23.72	432	3,032
FDTIR-37	40	41	988	14	6	7	21	3	540	1	202	69	28	3	1	61	5	21.19	320	2,288
FDTIR-37	41	42	1,741	18	6	13	34	3	1,037	1	461	153	54	4	1	63	4	21.87	723	4,215
FDTIR-37	42	43	2,698	29	8	24	65	4	1,466	1	828	270	99	7	1	97	5	18.51	1,292	6,573
FDTIR-37	43	44	2,668	38	11	38	88	5	1,302	1	1,128	322	159	9	1	122	7	14.36	1,706	6,924
FDTIR-37	44	45	2,416	32	9	32	75	5	1,036	1	925	261	135	8	1	101	5	17.12	1,394	5,915
FDTIR-37	45	46	1,239	21	8	17	41	3	684	1	471	134	67	5	1	79	6	7.78	712	3,261
FDTIR-37	46	47	1,052	19	7	14	35	3	632	1	408	118	57	4	1	79	6	6.81	618	2,861
FDTIR-37	47	48	1,725	31	12	22	58	5	695	1	592	159	90	7	1	134	8	7.27	882	4,156
FDTIR-37	48	49	1,750	35	14	24	65	6	673	1	645	169	96	7	2	152	10	8.25	956	4,288
FDTIR-37	49	50	1,302	24	9	18	47	4	536	1	505	135	74	5	1	97	6	6.03	752	3,250
FDTIR-37	50	51	1,463	32	11	23	61	5	708	1	646	173	94	7	1	133	8	7.04	962	3,956
FDTIR-37	51	52	1,480	27	9	22	55	4	692	1	653	176	93	6	1	103	7	6.59	975	3,910
FDTIR-37	52	53	1,843	33	11	28	68	5	862	1	837	226	118	8	1	118	7	9.13	1,250	4,893
FDTIR-37	53	54	3,649	52	16	51	117	7	1,173	1	1,491	388	216	13	2	160	10	9.93	2,209	8,620
FDTIR-37	54	55	2,206	35	11	32	76	5	963	1	966	268	137	8	1	123	7	7.26	1,451	5,682
FDTIR-37	55	56	2,655	48	16	41	100	7	1,063	1	1,179	323	170	11	2	190	11	9.81	1,765	6,834
FDTIR-37	56	57	2,068	41	14	34	85	6	987	1	959	257	139	9	2	165	8	9.46	1,430	5,610
FDTIR-37	57	58	2,593	52	17	44	106	8	1,102	2	1,252	336	185	12	2	196	12	10.09	1,866	6,950
FDTIR-37	58	59	1,473	24	8	22	54	4	720	1	675	183	95	6	1	91	4	8.33	1,008	3,944
FDTIR-37	59	60	1,231	19	6	17	42	3	596	1	532	145	74	4	1	75	4	6.83	796	3,229
FDTIR-37	60	61	1,305	23	7	20	50	3	696	1	631	171	89	5	1	83	4	7.29	943	3,627
FDTIR-37	61	62	1,552	29	9	25	62	4	777	1	770	204	109	7	1	103	5	8.01	1,145	4,293
FDTIR-37	62	63	1,205	23	7	20	49	3	643	1	616	164	87	5	1	87	4	7.56	917	3,423
FDTIR-37	63	64	1,609	28	9	25	62	4	786	1	755	202	106	7	1	110	6	11.31	1,126	4,359
FDTIR-37	64	65	1,132	23	8	19	47	3	620	1	556	150	80	5	1	89	5	7.79	830	3,216
FDTIR-37	65	66	1,186	24	8	19	49	4	559	1	569	152	81	5	1	97	5	7.86	848	3,242
FDTIR-37	66	67	1,415	28	9	24	60	4	735	1	723	194	104	6	1	104	5	9.42	1,079	4,008
FDTIR-37	67	68	842	18	6	14	36	3	499	1	399	110	58	4	1	64	4	8	598	2,417
FDTIR-37	68	69	664	14	5	11	27	2	432	0	302	85	44	3	1	48	4	7.81	455	1,927
FDTIR-37	69	70	1,197	24	8	21	50	4	659	1	609	164	87	6	1	82	5	12.26	908	3,424
FDTIR-37	70	71	1,047	27	9	20	52	4	645	1	547	146	80	6	1	105	6	9.21	815	3,170
FDTIR-37	71	72	912	23	8	18	47	4	524	1	461	123	68	5	1	89	5	7.2	686	2,687
FDTIR-37	72	73	1,043	28	9	23	58	4	565	1	591	155	88	6	1	95	6	8.39	877	3,139
FDTIR-37	73	74	807	21	7	17	44	3	439	1	454	118	68	4	1	69	5	6.29	672	2,415
FDTIR-37	74	75	1,015	26	9	23	58	4	565	1	627	162	93	6	1	88	6	7.83	928	3,150
FDTIR-37	75	76	2,026	21	7	18	44	3	463	0	496	129	72	5	1	70	5	7.48	735	3,941
FDTIR-37	76	77	1,088	20	6	18	44	3	599	0	528	144	74	4	1	63	4	8.13	790	3,046
FDTIR-37	77	78	1,792	17	6	17	39	2	581	0	506	140	71	4	1	52	3	9.49	759	3,791
FDTIR-37	78	79	902	21	6	21	47	3	648	0	611	165	84	5	1	61	4	9.55	911	3,025
FDTIR-37	79	80	1,395	22	7	21	49	3	733	0	581	160	81	5	1	62	4	15.27	871	3,666
FDTIR-37	80	81	928	13	5	10	25	2	396	0	261	78	38	3	1	44	3	10.95	399	2,120
FDTIR-37	81	82	1,326	22	8	17	41	3	730	0	461	138	65	4	1	71	4	18.85	704	3,393
FDTIR-37	82	83	1,025	22	8	17	42	3	621	1	468	132	68	5	1	74	6	14.31	706	2,927
FDTIR-37	83	84	1,676	42	15	36	90	6	913	1	897	230	135	9	2	166	11	14.88	1,325	4,970
FDTIR-37	84	85	1,383	30	9	27	64	4	789	1	723	194	103	6	1	96	6	12.37	1,077	4,031
FDTIR-37	85	86	1,214	27	9	22	53	4	703	1	659	170	91	6	1	99	6	13.57	975	3,601
FDTIR-37	86	87	615	15	5	12	30	2	349	0	333	89	49	3	1	51	3	5.92	496	1,828
FDTIR-37	87	88	48	2	1	1	4	0	22	0	27	6	5	0	0	9	1	0.64	39	150
FDTIR-37	88	89	50	3	1	3	7	0	20	0	29	6	8	1	0	10	1	0.68	40	162



HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-38	27	28	238	2	1	1	2	0	21	0	12	4	2	0	0	10	1	2.41	19	346
FDTIR-38	28	29	1,146	3	2	1	3	1	24	0	17	4	3	0	0	14	2	1.85	25	1,428
FDTIR-38	29	30	381	4	2	1	4	1	31	0	21	6	4	1	0	22	2	3.29	32	566
FDTIR-38	30	31	1,197	13	4	11	24	2	915	0	322	113	41	3	0	34	3	6.74	513	3,145
FDTIR-38	31	32	648	8	4	4	10	1	323	0	108	37	15	1	0	31	4	11.37	171	1,402
FDTIR-38	32	33	1,569	16	6	10	25	2	698	0	280	96	39	3	1	50	3	13.64	442	3,282
FDTIR-38	33	34	1,534	13	5	9	23	2	557	0	265	88	37	3	1	48	3	12.32	415	3,034
FDTIR-38	34	35	2,402	13	4	9	22	2	509	0	273	88	37	2	0	35	3	18.6	425	3,987
FDTIR-38	35	36	1,976	16	5	13	30	2	616	0	375	117	53	3	1	44	3	15.94	579	3,817
FDTIR-38	36	37	1,767	16	5	12	29	2	710	0	354	117	48	3	1	48	3	14.8	555	3,655
FDTIR-38	37	38	2,766	36	12	32	73	5	1,582	1	945	297	129	8	1	112	8	17.74	1,461	7,051
FDTIR-38	38	39	5,012	49	15	45	104	7	1,450	1	1,206	346	183	11	2	132	9	29.3	1,825	10,050
FDTIR-38	39	40	3,782	46	12	50	112	6	2,112	1	1,542	454	212	11	1	107	7	27.2	2,347	9,916
FDTIR-38	40	41	3,666	52	14	55	127	7	2,156	1	1,631	477	228	12	1	127	7	21.2	2,480	10,045
FDTIR-38	41	42	4,628	47	13	52	115	6	1,739	1	1,486	422	214	12	1	119	7	22.54	2,243	10,393
FDTIR-38	42	43	4,236	51	13	53	121	6	1,934	1	1,523	437	215	12	1	129	7	29.2	2,305	10,251
FDTIR-38	43	44	1,095	17	6	14	33	2	853	1	447	144	57	4	1	49	5	8.38	695	3,197
FDTIR-38	44	45	1,087	23	7	18	46	3	643	1	495	143	71	5	1	63	6	9.37	750	3,066
FDTIR-38	45	46	1,559	70	30	47	128	12	1,316	3	1,249	341	184	14	3	346	20	9.78	1,869	6,264
FDTIR-38	46	47	1,970	86	36	59	163	14	1,716	3	1,611	432	233	17	4	417	23	6.66	2,401	7,985
FDTIR-38	47	48	1,400	51	17	45	115	7	1,304	1	1,308	343	181	11	2	172	10	6.96	1,940	5,836
FDTIR-38	48	49	1,618	49	21	39	98	8	982	2	1,093	282	155	10	2	242	13	6.44	1,616	5,428
FDTIR-38	49	50	1,920	58	23	45	119	10	983	2	1,246	303	177	12	3	275	15	7.94	1,820	6,105
FDTIR-38	50	51	1,190	42	17	28	77	7	592	2	697	170	108	8	2	200	12	6.08	1,019	3,709
FDTIR-38	51	52	2,130	34	9	37	83	4	974	1	985	262	149	8	1	81	5	12.07	1,465	5,584
FDTIR-38	52	53	1,678	31	10	32	73	4	805	1	841	220	129	7	1	87	6	10.31	1,247	4,604
FDTIR-38	53	54	2,569	33	9	36	85	4	1,138	0	983	269	144	8	1	86	5	9.75	1,472	6,300
FDTIR-38	54	55	2,423	19	6	19	43	3	933	0	587	181	78	4	1	54	4	12.57	903	5,108
FDTIR-38	55	56	1,382	13	4	13	30	2	666	0	406	127	53	3	0	38	3	10.83	626	3,212
FDTIR-38	56	57	1,904	20	5	22	48	3	922	0	677	197	93	5	1	49	3	13.19	1,028	4,631
FDTIR-38	57	58	1,223	12	3	12	27	2	526	0	362	106	49	3	0	34	2	8.01	550	2,771
FDTIR-38	58	59	1,864	33	9	32	77	4	954	1	862	233	128	8	1	89	5	13.64	1,286	5,044
FDTIR-38	59	60	1,069	26	10	18	50	4	520	1	447	118	67	5	1	109	7	6.65	664	2,883
FDTIR-38	60	61	1,259	30	11	20	57	5	585	1	502	135	76	6	1	113	8	8.61	749	3,299
FDTIR-38	61	62	1,175	21	7	17	44	3	556	0	437	121	64	5	1	66	4	9.09	655	2,959
FDTIR-38	62	63	1,405	22	7	19	46	3	669	0	517	146	73	5	1	69	4	10.25	780	3,505
FDTIR-38	63	64	1,302	22	7	17	43	3	569	0	460	128	65	5	1	75	5	9.99	691	3,172
FDTIR-38	64	65	1,422	23	8	17	46	3	630	0	466	132	66	5	1	78	4	7.9	704	3,405
FDTIR-38	65	66	990	20	7	14	40	3	496	0	364	102	53	4	1	77	4	7.47	549	2,558
FDTIR-38	66	67	1,470	24	8	20	50	3	716	1	548	154	79	5	1	85	5	11.26	826	3,719
FDTIR-38	67	68	1,085	12	5	12	29	2	534	0	374	111	49	3	0	48	3	11.26	570	2,660
FDTIR-38	68	69	1,387	17	5	17	42	2	640	0	511	144	72	4	1	59	3	12.07	770	3,409
FDTIR-38	69	70	1,359	19	5	17	41	3	614	0	501	141	69	4	1	60	3	12.41	756	3,330
FDTIR-38	70	71	893	15	5	13	31	2	406	0	333	92	48	3	1	54	3	8.99	500	2,229
FDTIR-38	71	72	1,021	16	6	14	35	2	478	0	387	109	55	3	1	60	3	10.1	584	2,571
FDTIR-38	72	73	1,019	16	5	14	35	2	489	0	398	111	57	4	1	61	3	10.27	598	2,601
FDTIR-38	73	74	1,339	20	7	18	43	3	626	0	509	143	72	4	1	73	4	12.59	766	3,357
FDTIR-38	74	75	927	13	5	12	30	2	431	0	349	98	51	3	1	48	3	9.32	525	2,313
FDTIR-38	75	76	1,194	18	6	16	39	3	567	0	455	128	63	4	1	74	4	10.9	686	3,020
FDTIR-38	76	77	1,236	17	6	16	39	2	569	0	466	132	66	4	1	67	4	10.62	703	3,082
FDTIR-38	77	78	1,289	19	7	17	41	3	597	1	485	137	69	4	1	78	4	11.16	731	3,229
FDTIR-38	78	79	1,156	18	7	15	37	3	528	0	435	123	60	4	1	79	4	9.68	656	2,901
FDTIR-38	79	80	1,160	19	7	16	40	3	526	0	429	120	62	4	1	75	4	9.95	646	2,898
FDTIR-38	80	81	1,101	18	5	16	38	2	494	0	409	112	61	4	1	53	3	10.55	613	2,719
FDTIR-38	81	82	1,392	22	7	19	47	3	628	0	529	145	75	5	1	72	4	12.49	793	3,461
FDTIR-38	82	83	1,571	24	8	22	54	4	778	1	615	172	88	5	1	87	5	13.93	924	4,030
FDTIR-38	83	84	1,397	21	7	18	46	3	633	0	519	146	74	5	1	80	5	13.07	782	3,471
FDTIR-38	84	85	453	7	2	6	14	1	234	0	174	50	24	1	0	24	1	4.14	264	1,164
FDTIR-38	85	86	353	6	2	5	12	1	166	0	135	38	19	1	0	20	1	3.58	203	889
FDTIR-38	86	87.05	422	8	3	7	17	1	233	0	183	51	28	2	0	27	2	3.63	275	1,155

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HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-39	28	29	109	3	2	1	3	1	30	0	19	5	3	0	0	16	2	6.12	28	230
FDTIR-39	29	30	138	3	2	1	3	1	37	0	17	5	3	0	0	15	2	4.17	26	265
FDTIR-39	30	31	107	4	2	1	3	1	32	0	18	5	3	1	0	21	3	4.09	27	237
FDTIR-39	31	32	332	3	2	1	3	1	33	0	19	6	3	0	0	16	2	3.21	29	495
FDTIR-39	32	33	457	6	4	2	6	1	104	0	48	15	8	1	1	32	4	6.61	75	810
FDTIR-39	33	34	662	8	4	4	12	1	384	0	124	42	17	2	1	34	4	7.16	196	1,527
FDTIR-39	34	35	719	14	6	8	22	2	580	1	220	73	31	3	1	54	5	8.47	344	2,041
FDTIR-39	35	36	851	14	6	8	23	2	572	1	215	70	29	3	1	55	5	8.12	335	2,177
FDTIR-39	36	37	1,557	17	7	11	28	3	678	1	321	104	43	3	1	60	5	13.63	499	3,332
FDTIR-39	37	38	1,787	25	8	23	53	3	1,246	1	665	206	92	6	1	74	6	15.46	1,025	4,922
FDTIR-39	38	39	1,645	23	7	18	47	3	1,367	1	554	189	72	5	1	74	5	10.65	874	4,707
FDTIR-39	39	40	3,649	47	13	47	107	6	1,995	1	1,349	406	186	11	1	114	7	19.4	2,064	9,313
FDTIR-39	40	41	4,064	51	14	50	116	6	1,840	1	1,413	408	201	12	1	124	7	19.3	2,141	9,744
FDTIR-39	41	42	4,944	76	21	79	180	10	2,624	1	2,268	678	326	18	2	188	11	28.7	3,466	13,405
FDTIR-39	42	43	6,109	82	23	85	189	11	2,778	1	2,392	710	341	19	2	215	13	29.2	3,648	15,214
FDTIR-39	43	44	4,731	64	18	64	148	8	2,105	1	1,789	507	261	15	2	164	10	21.96	2,700	11,600
FDTIR-39	44	45	4,483	71	18	79	176	9	2,462	1	2,343	688	330	18	2	165	10	31.7	3,566	12,735
FDTIR-39	45	46	2,478	32	10	32	71	4	1,178	1	917	264	127	7	1	86	6	21.12	1,390	6,120
FDTIR-39	46	47	867	14	6	10	24	2	529	1	300	93	39	3	1	46	6	10.35	463	2,278
FDTIR-39	47	48	822	15	6	10	26	2	443	1	294	89	42	3	1	50	6	7.03	450	2,125
FDTIR-39	48	49	1,077	33	13	22	60	5	643	1	543	151	79	6	1	143	9	9.24	816	3,274
FDTIR-39	49	50	1,206	23	8	20	48	4	564	1	544	153	79	5	1	96	5	8.33	819	3,238
FDTIR-39	50	51	1,853	28	10	21	57	4	774	1	580	166	79	6	1	111	6	7.72	877	4,340
FDTIR-39	51	52	952	26	9	24	57	4	649	1	642	172	95	6	1	87	5	5.15	957	3,205
FDTIR-39	52	53	1,428	81	29	59	161	12	1,180	2	1,376	332	215	17	3	271	19	8.7	2,008	6,096
FDTIR-39	53	54	2,158	54	17	44	119	7	1,200	1	1,181	303	172	12	2	178	11	8.6	1,744	6,411
FDTIR-39	54	55	1,785	103	52	45	149	19	849	5	927	226	152	18	6	667	36	9.93	1,354	5,962
FDTIR-39	55	56	1,043	30	12	19	57	5	506	1	457	120	71	6	1	131	8	6.08	679	2,903
FDTIR-39	56	57	1,676	37	17	23	64	6	748	1	588	167	84	7	2	195	11	8.56	887	4,266
FDTIR-39	57	58	1,489	26	9	20	54	4	711	1	559	159	79	5	1	105	5	9.85	844	3,789
FDTIR-39	58	59	1,427	22	8	19	47	3	698	0	543	155	77	5	1	83	5	10.27	821	3,631
FDTIR-39	59	60	1,542	24	8	21	50	3	764	0	580	166	80	5	1	86	5	10.8	877	3,915
FDTIR-39	60	61	1,009	15	5	13	31	2	501	0	367	106	49	3	1	54	3	6.19	556	2,536
FDTIR-39	61	62	1,224	19	7	16	40	3	558	0	436	124	63	4	1	72	4	8.3	658	3,018
FDTIR-39	62	63	1,109	18	6	15	36	3	522	0	402	114	56	4	1	64	4	7.59	607	2,764
FDTIR-39	63	64	1,028	15	5	13	32	2	460	0	364	103	52	3	1	51	3	7.67	549	2,504
FDTIR-39	64	65	1,137	17	5	15	36	2	544	0	425	121	59	4	1	55	3	8.65	642	2,844
FDTIR-39	65	66	1,527	22	7	19	48	3	706	0	540	151	76	5	1	78	4	8.95	812	3,741
FDTIR-39	66	67	1,330	20	6	18	44	3	639	0	516	147	73	5	1	64	3	10.42	780	3,368
FDTIR-39	67	68	1,762	25	8	23	55	4	911	0	661	189	92	6	1	83	5	10.19	1,000	4,487
FDTIR-39	68	69	1,180	18	6	16	39	2	557	0	445	125	64	4	1	58	3	8.38	671	2,955
FDTIR-39	69	70	1,403	19	6	19	46	3	660	0	548	155	76	5	1	63	3	12.55	827	3,529
FDTIR-39	70	71	1,219	18	6	16	38	2	558	0	460	130	66	4	1	56	3	10.02	693	3,022
FDTIR-39	71	72	1,292	18	6	17	41	2	604	0	492	139	70	4	1	56	3	11.11	742	3,223
FDTIR-39	72	73	842	15	5	13	31	2	415	0	338	96	49	3	1	52	3	9.06	510	2,190
FDTIR-39	73	74	1,065	15	5	14	33	2	502	0	409	115	57	3	1	47	3	10.28	616	2,665
FDTIR-39	74	75	1,462	20	6	20	47	3	724	0	581	163	81	5	1	62	3	11.99	875	3,730
FDTIR-39	75	76	791	12	4	10	26	2	353	0	284	80	42	3	0	45	3	7.37	428	1,943
FDTIR-39	76	77	1,207	19	5	16	40	2	555	0	462	131	67	4	1	55	3	10.3	696	3,011
FDTIR-39	77	78	1,391	19	6	19	45	3	706	0	552	155	75	5	1	58	3	10.9	832	3,564
FDTIR-39	78	79	1,055	15	5	14	33	2	471	0	405	114	57	3	0	45	3	9.7	611	2,609
FDTIR-39	79	80	1,189	17	5	16	38	2	528	0	439	124	63	4	1	55	3	9.21	661	2,914
FDTIR-39	80	81	1,243	18	6	17	40	3	557	0	473	131	67	4	1	58	3	9.17	711	3,075
FDTIR-39	81	82	936	14	5	12	30	2	424	0	355	99	49	3	1	50	3	7.22	534	2,330
FDTIR-39	82	83	1,003	13	5	12	29	2	409	0	323	91	46	3	1	47	3	8.17	486	2,332
FDTIR-39	83	84	874	11	4	10	23	2	338	0	263	76	38	2	0	34	2	8.93	398	1,967
FDTIR-39	84	85	1,218	18	6	16	39	3	558	0	452	127	64	4	1	54	4	12.74	680	3,008
FDTIR-39	85	86	1,229	18	6	16	40	3	584	0	466	131	66	4	1	59	3	12.89	701	3,080
FDTIR-39	86	87	1,091	16	6	15	36	2	528	0	416	118	59	4	1	56	3	11.45	627	2,759
FDTIR-39	87	88	896	15	5	12	31	2	414	0	326	92	48	3	1	54	3	9.66	491	2,233
FDTIR-39	88	89	406	6	2	5	13	1	198	0	148	42	22	1	0	27	2	4.34	223	1,028
FDTIR-39	89	90	339	6	2	4	11	1	166	0	125	35	18	1	0	23	2	3.45	189	862
FDTIR-39	90	91	566	8	3	8	18	1	294	0	220	63	30	2	0	27	2	5.08	332	1,458
FDTIR-39	91	92	523	10	4	7	19	1	264	0	199	56	30	2	0	40	3	5.23	300	1,360
FDTIR-39	92	93	358	7	4	5	12	1	170	0	129	36	19	1	0	39	3	3.8	194	923
FDTIR-39	93	94	161	4	2	2	6	1	78	0	58	17	8	1	0	14	1	1.66	88	413
FDTIR-39	94	95	18	1	1	0	1	0	10	0	6	2	1	0	0	6	1	0.44	10	57

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HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-40	0	1	268	5	3	2	6	1	100	1	50	16	7	1	0	28	4	5.8	78	578
FDTIR-40	1	2	281	5	3	2	6	1	104	1	55	17	8	1	1	27	3	6.01	84	604
FDTIR-40	2	3	282	5	4	2	6	1	105	1	54	17	8	1	1	31	4	6.22	84	612
FDTIR-40	3	4	346	6	4	2	6	1	113	1	59	19	8	1	0	28	4	6.08	91	703
FDTIR-40	4	5	325	6	4	2	6	1	111	1	56	18	8	1	1	31	4	5.88	87	674
FDTIR-40	5	6	460	5	3	2	6	1	113	1	58	19	8	1	1	27	4	4.57	90	830
FDTIR-40	6	7	548	5	3	2	6	1	112	0	59	19	9	1	0	25	3	3.98	91	931
FDTIR-40	7	8	242	4	2	1	3	1	53	0	25	8	4	1	0	18	2	4.8	38	426
FDTIR-40	8	9	148	4	2	1	4	1	53	0	19	7	4	1	0	20	2	7.41	31	313
FDTIR-40	9	10	135	4	3	1	3	1	75	0	23	8	4	1	0	24	3	4.73	37	336
FDTIR-40	10	11	275	5	3	1	4	1	86	0	29	10	5	1	0	29	4	7.78	45	534
FDTIR-40	11	12	915	6	3	2	7	1	249	0	67	25	9	1	0	24	3	10.03	108	1,539
FDTIR-40	12	13	976	6	3	2	7	1	225	0	64	24	9	1	0	19	2	16.89	103	1,570
FDTIR-40	13	14	2,686	13	5	8	21	2	934	0	274	101	33	3	1	40	3	15.27	441	4,834
FDTIR-40	14	15	1,893	11	4	8	19	2	769	0	269	97	33	2	0	35	3	13.87	431	3,689
FDTIR-40	15	16	2,821	13	4	11	26	2	1,229	0	402	149	46	3	0	37	3	14.84	649	5,568
FDTIR-40	16	17	3,986	29	9	30	66	4	1,838	1	988	319	126	7	1	70	5	20.74	1,539	8,769
FDTIR-40	17	18	2,840	19	6	21	44	2	940	1	691	207	93	4	1	50	4	15.6	1,057	5,773
FDTIR-40	18	19	224	5	3	2	7	1	109	1	69	21	10	1	0	26	4	3.93	106	568
FDTIR-40	19	20	260	5	3	3	7	1	138	0	90	27	12	1	0	26	3	3.36	138	679
FDTIR-40	20	21	227	5	3	2	7	1	135	0	86	26	12	1	0	25	3	3.26	132	629
FDTIR-40	21	22	236	6	3	3	8	1	154	0	99	30	14	1	1	26	4	3.18	152	688
FDTIR-40	22	23	231	5	3	2	7	1	146	0	99	30	13	1	0	24	3	2.89	151	664
FDTIR-40	23	24	215	5	3	3	8	1	144	0	89	28	13	1	0	24	3	2.52	138	632
FDTIR-40	24	25	162	4	2	2	5	1	101	0	64	19	9	1	0	17	3	1.61	98	460
FDTIR-40	25	26	114	3	2	1	3	0	84	0	49	16	6	0	0	12	2	1.31	76	343
FDTIR-40	26	27	63	2	1	1	2	0	49	0	27	9	4	0	0	10	1	1.26	43	200
FDTIR-40	27	28	53	2	1	1	2	0	35	0	19	7	3	0	0	10	2	1.49	30	160
FDTIR-40	28	29	70	2	1	1	2	0	35	0	19	6	3	0	0	13	2	1.48	30	184
FDTIR-40	29	30	139	3	2	1	3	1	34	0	22	7	4	1	0	20	2	2.87	34	282
FDTIR-40	30	31	316	3	2	1	3	1	31	0	24	7	4	0	0	17	2	4.62	36	483
FDTIR-40	31	32	5,465	25	7	26	54	3	1,395	0	934	293	118	6	1	63	4	19.39	1,443	9,839
FDTIR-40	32	33	4,850	37	10	43	86	5	1,784	1	1,526	442	194	9	1	92	6	24.43	2,315	10,654
FDTIR-40	33	34	8,957	43	11	47	97	6	2,058	1	1,591	468	210	10	1	104	6	25.7	2,421	15,951
FDTIR-40	34	35	4,287	42	11	43	92	6	1,607	1	1,422	404	191	10	1	105	7	24.26	2,147	9,650
FDTIR-40	35	36	1,648	22	7	18	42	3	1,001	1	550	174	74	5	1	72	4	16.58	852	4,250
FDTIR-40	36	37	1,215	22	9	15	35	3	720	1	443	131	61	4	1	75	8	8.88	675	3,221
FDTIR-40	37	38	993	26	10	20	47	4	783	1	577	170	80	6	1	84	8	7.04	879	3,301
FDTIR-40	38	39	789	15	5	13	32	2	504	0	416	115	58	3	1	48	3	6.85	624	2,354
FDTIR-40	39	40	5,209	26	8	26	59	4	1,220	1	870	252	111	6	1	73	5	5.75	1,319	9,225
FDTIR-40	40	41	1,002	22	7	19	47	3	618	0	555	154	79	5	1	69	4	7.54	833	3,033
FDTIR-40	41	42	873	22	7	18	44	3	543	1	517	141	75	5	1	80	5	6.41	773	2,741
FDTIR-40	42	43	1,326	29	9	27	64	4	791	1	815	224	116	7	1	99	5	9.16	1,222	4,133
FDTIR-40	43	44	2,099	89	39	50	141	16	1,156	4	1,330	332	191	17	5	536	27	10.67	1,952	7,111
FDTIR-40	44	45	1,149	28	9	24	60	4	651	1	637	167	93	6	1	98	6	10.48	945	3,446
FDTIR-40	45	46	993	19	6	15	38	3	556	0	451	124	63	4	1	74	4	11.31	676	2,759
FDTIR-40	46	47	1,135	17	6	14	34	3	548	0	439	123	60	4	1	77	3	11.28	660	2,891
FDTIR-40	47	48	711	13	5	10	24	2	374	0	289	80	41	3	1	54	3	8.2	433	1,888
FDTIR-40	48	49	957	17	5	13	33	3	480	0	388	106	54	4	1	62	4	9.35	580	2,496
FDTIR-40	49	50	451	8	3	6	15	1	168	0	149	40	22	2	0	25	2	3.69	222	1,046
FDTIR-40	50	51	83	3	1	1	3	0	23	0	22	6	4	1	0	10	1	0.54	33	186
FDTIR-40	51	52	50	2	1	1	2	0	15	0	16	4	3	0	0	6	1	0.52	23	118
FDTIR-40	52	53	45	2	1	1	2	0	13	0	15	4	3	0	0	7	1	0.49	22	110
FDTIR-40	53	53.75	46	2	1	1	2	0	13	0	15	4	3	0	0	5	1	0.42	22	108

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HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-41	0	1	417	5	3	2	6	1	167	0	73	24	10	1	0	24	3	6.78	114	864
FDTIR-41	1	2	396	5	3	2	6	1	158	0	70	23	9	1	0	23	3	6.53	109	823
FDTIR-41	2	3	357	5	3	2	5	1	134	0	58	20	8	1	0	22	3	5.11	92	726
FDTIR-41	3	4	201	3	2	1	3	1	70	0	31	10	4	0	0	14	2	3.54	49	402
FDTIR-41	4	5	481	7	3	3	9	1	309	0	104	36	13	1	0	30	3	8.13	165	1,177
FDTIR-41	5	6	1,086	12	5	7	17	2	712	1	248	89	29	2	1	46	4	16.43	397	2,653
FDTIR-41	6	7	408	5	2	3	6	1	269	0	93	34	11	1	0	17	2	5.22	149	1,000
FDTIR-41	7	8	335	5	2	2	6	1	197	0	77	27	9	1	0	18	2	3.63	122	801
FDTIR-41	8	9	345	4	2	2	4	1	161	0	67	24	8	1	0	16	2	3.11	107	746
FDTIR-41	9	10	1,868	6	3	4	9	1	391	0	136	49	16	1	0	24	2	9.16	218	2,943
FDTIR-41	10	11	3,322	16	6	10	27	2	794	1	325	108	39	3	1	54	5	17.7	509	5,523
FDTIR-41	11	12	1,251	16	7	9	23	3	612	1	279	90	35	3	1	59	6	10.29	434	2,809
FDTIR-41	12	13	1,014	19	8	10	28	3	572	1	281	88	38	3	1	75	6	9.68	433	2,521
FDTIR-41	13	14	1,296	13	5	7	20	2	485	1	217	70	28	2	1	50	4	13.3	337	2,582
FDTIR-41	14	15	914	14	6	7	23	2	531	1	244	78	30	3	1	63	4	10.49	379	2,256
FDTIR-41	15	16	1,221	60	22	41	110	9	1,198	2	1,138	301	164	12	3	244	14	12.95	1,690	5,339
FDTIR-41	16	17	1,862	76	26	62	155	11	1,735	2	1,838	478	262	17	3	275	15	11.67	2,721	8,010
FDTIR-41	17	18	2,804	98	36	77	189	15	1,753	3	2,246	570	325	21	4	438	22	17.05	3,309	10,116
FDTIR-41	18	19	2,104	34	10	31	72	5	1,017	1	1,006	273	135	8	1	107	7	9.08	1,503	5,647
FDTIR-41	19	20	1,693	44	14	40	94	6	1,112	1	1,182	308	165	10	2	140	8	8.04	1,750	5,657
FDTIR-41	20	21	2,113	57	18	51	125	8	1,136	1	1,424	347	204	13	2	191	11	11.53	2,081	6,695
FDTIR-41	21	22	1,929	88	38	49	142	15	1,039	3	1,239	313	188	17	5	459	25	9.88	1,823	6,543
FDTIR-41	22	23	2,149	68	24	53	139	10	1,344	2	1,342	359	208	15	3	261	15	9.98	2,000	7,042
FDTIR-41	23	24	2,419	140	55	88	246	22	1,494	5	1,877	487	320	28	6	584	37	9.44	2,779	9,198
FDTIR-41	24	25	969	47	22	22	75	8	509	2	497	124	78	8	3	280	15	6.46	729	3,139
FDTIR-41	25	26	1,206	19	6	16	41	3	638	1	459	133	65	4	1	83	4	9.25	695	3,146
FDTIR-41	26	27	1,209	19	6	16	39	3	622	1	444	128	66	4	1	69	4	9.46	672	3,089
FDTIR-41	27	28	843	12	4	11	27	2	432	0	311	91	45	3	0	41	3	6.86	473	2,141
FDTIR-41	28	29	736	11	4	9	21	2	388	0	278	78	37	2	0	39	2	7.01	419	1,888
FDTIR-41	29	30	1,071	16	5	14	34	2	564	0	388	113	55	3	1	54	3	7.75	590	2,727
FDTIR-41	30	31	927	14	5	12	28	2	477	0	326	97	46	3	1	48	3	6.47	497	2,333
FDTIR-41	31	32	1,174	19	6	16	39	3	615	0	438	126	64	4	1	63	4	8.46	663	3,018
FDTIR-41	32	33	1,607	23	8	20	47	3	742	1	614	167	83	5	1	96	4	12.79	918	4,016
FDTIR-41	33	34	1,339	18	6	18	40	3	643	1	486	140	69	4	1	70	4	11.98	736	3,335
FDTIR-41	34	35	1,074	20	7	16	42	3	554	1	412	115	62	5	1	77	4	9.65	620	2,809
FDTIR-41	35	36	1,114	18	6	16	38	3	516	1	416	119	63	4	1	59	4	10.54	629	2,790
FDTIR-41	36	37	1,306	21	7	18	44	3	593	0	530	138	74	5	1	74	4	13.42	785	3,309
FDTIR-41	37	38	1,084	16	5	16	36	2	509	0	431	119	63	4	1	48	3	9.3	647	2,741
FDTIR-41	38	39	1,269	15	4	15	33	2	619	0	439	129	61	4	0	42	3	10.39	668	3,092
FDTIR-41	39	40	1,124	13	4	13	29	2	567	0	398	121	55	3	0	36	2	10.95	610	2,778
FDTIR-41	40	41	1,241	15	4	15	35	2	713	0	494	148	66	3	0	38	2	11.97	755	3,258
FDTIR-41	41	42	1,520	21	6	22	50	3	794	0	641	182	90	5	1	57	3	10.88	968	3,983
FDTIR-41	42	43	1,253	19	6	19	42	3	683	0	539	153	76	4	1	56	4	10.48	813	3,353
FDTIR-41	43	44	1,014	19	7	14	35	3	515	1	415	113	56	4	1	81	5	8.69	620	2,682
FDTIR-41	44	45	1,206	18	5	16	38	2	576	0	451	130	65	4	1	51	3	13.3	683	3,009
FDTIR-41	45	46	1,671	28	8	28	67	4	865	0	738	202	112	7	1	75	4	16.25	1,105	4,468
FDTIR-41	46	47	1,988	27	8	27	62	3	977	1	748	213	105	6	1	78	4	19.22	1,131	4,984
FDTIR-41	47	48	1,734	28	9	25	59	4	877	1	668	190	99	6	1	87	5	18.68	1,008	4,450
FDTIR-41	48	49	1,552	27	9	22	52	4	779	1	637	173	86	6	1	91	5	16.88	952	4,043
FDTIR-41	49	50	493	6	2	5	13	1	227	0	182	51	24	1	0	23	2	4.77	274	1,211
FDTIR-41	50	51	629	12	5	10	24	2	335	0	264	74	39	3	1	54	4	5.33	398	1,711
FDTIR-41	51	52	251	5	2	3	8	1	126	0	90	27	14	1	0	20	2	2.84	138	647
FDTIR-41	52	53	17	1	1	0	1	0	11	0	8	2	2	0	0	5	1	0.39	12	59
FDTIR-41	53	54	25	1	1	1	2	0	12	0	11	3	2	0	0	7	1	0.43	16	76
FDTIR-41	54	55	162	4	2	3	7	1	77	0	74	19	10	1	0	17	1	1.8	110	443
FDTIR-41	55	55.65	77	2	1	1	4	0	35	0	35	9	5	0	0	13	1	1.07	51	218

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HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-42	0	1	739	5	3	3	7	1	200	0	77	27	11	1	0	24	3	8.64	121	1,291
FDTIR-42	1	2	843	6	3	3	7	1	201	0	79	27	10	1	0	25	3	8.43	124	1,419
FDTIR-42	2	3	479	4	2	2	5	1	146	0	58	20	7	1	0	18	2	6.16	92	874
FDTIR-42	3	4	630	5	3	3	7	1	241	0	82	30	11	1	0	26	3	7.04	133	1,226
FDTIR-42	4	5	978	9	4	6	14	2	649	0	210	75	24	2	1	31	3	10.32	336	2,355
FDTIR-42	5	6	1,568	13	5	9	21	2	874	1	277	101	36	3	1	39	4	19.12	446	3,465
FDTIR-42	6	7	4,960	16	5	11	27	2	1,074	0	387	131	46	3	1	49	4	21.85	610	7,872
FDTIR-42	7	8	3,340	19	6	15	37	3	1,258	0	463	160	60	4	1	58	4	21.6	733	6,365
FDTIR-42	8	9	1,828	19	7	14	34	3	961	1	465	145	59	4	1	66	4	18.39	717	4,236
FDTIR-42	9	10	1,841	16	5	12	30	2	714	0	358	118	48	3	1	50	4	10.33	560	3,756
FDTIR-42	10	11	2,314	16	6	13	30	2	644	0	372	118	52	3	1	56	4	11.52	577	4,258
FDTIR-42	11	12	2,792	33	10	28	69	4	1,475	1	869	264	115	7	1	98	7	12.9	1,333	6,774
FDTIR-42	12	13	2,588	95	36	73	182	14	2,232	3	2,061	584	301	19	4	410	24	11.14	3,109	10,146
FDTIR-42	13	14	2,606	118	46	85	224	19	1,842	4	2,133	569	333	24	5	534	31	9.51	3,175	10,092
FDTIR-42	14	15	2,170	84	32	63	164	13	1,398	3	1,584	401	243	17	4	356	22	7	2,332	7,706
FDTIR-42	15	16	2,858	118	47	79	213	19	1,522	4	1,876	476	304	24	5	563	31	13.01	2,764	9,582
FDTIR-42	16	17	2,798	110	44	77	209	18	1,512	4	1,875	458	289	22	5	519	30	11.35	2,741	9,379
FDTIR-42	17	18	1,923	119	52	70	205	20	1,242	5	1,521	369	252	23	6	627	36	8.19	2,221	7,632
FDTIR-42	18	19	1,878	88	35	61	164	14	1,292	3	1,433	364	230	18	4	397	23	8.96	2,112	7,067
FDTIR-42	19	20	1,155	37	14	27	73	6	648	1	681	179	104	8	1	137	9	6.16	1,011	3,619
FDTIR-42	20	21	1,163	78	34	45	130	13	938	3	1,078	275	170	15	4	422	22	9.82	1,590	5,178
FDTIR-42	21	22	1,888	75	31	45	133	12	956	3	1,024	263	163	14	3	374	20	8.91	1,512	5,896
FDTIR-42	22	23	1,368	61	24	41	113	10	981	2	943	246	149	12	3	265	17	10.52	1,397	4,983
FDTIR-42	23	24	1,000	40	16	26	72	6	653	2	659	175	102	8	2	168	12	10.33	980	3,461
FDTIR-42	24	25	1,389	47	17	33	91	7	781	1	804	212	128	10	2	180	11	11.58	1,195	4,366
FDTIR-42	25	26	1,209	43	15	31	84	6	761	1	725	190	117	9	2	162	9	10.95	1,075	3,954
FDTIR-42	26	27	1,360	30	10	25	63	4	671	1	658	177	98	7	1	100	6	11.89	981	3,770
FDTIR-42	27	28	1,636	25	7	23	57	3	794	0	680	187	95	6	1	75	4	13.7	1,019	4,216
FDTIR-42	28	29	1,235	16	5	14	33	2	596	0	443	133	61	4	1	59	3	11.5	677	3,058
FDTIR-42	29	30	1,053	12	3	12	27	2	506	0	382	113	52	3	0	34	2	9.78	582	2,582
FDTIR-42	30	31	1,307	14	4	14	33	2	572	0	429	127	59	3	0	40	3	11.07	653	3,056
FDTIR-42	31	32	1,036	13	4	12	29	2	428	0	327	95	47	3	0	44	3	11.5	497	2,398
FDTIR-42	32	33	1,053	22	9	17	43	3	516	1	441	120	65	5	1	96	6	11.51	660	2,820
FDTIR-42	33	34	879	19	7	14	37	3	420	1	338	94	53	4	1	79	5	10.29	508	2,292
FDTIR-42	34	35	895	16	6	14	33	2	431	0	345	98	50	3	1	64	4	9.96	521	2,305
FDTIR-42	35	36	960	18	7	14	36	3	451	1	369	104	54	4	1	75	4	10.27	556	2,465
FDTIR-42	36	37	791	14	6	11	27	2	354	1	291	83	43	3	1	74	5	8.66	440	2,004
FDTIR-42	37	38	149	3	2	2	6	1	72	0	60	17	9	1	0	18	1	1.42	90	400
FDTIR-42	38	39	21	1	1	0	1	0	8	0	8	2	2	0	0	6	1	0.41	12	61
FDTIR-42	39	40	19	2	1	1	2	0	8	0	8	2	2	0	0	7	1	0.38	12	62

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HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-43	42	43	202	4	2	2	6	1	80	0	54	17	9	1	0	18	2	3.96	83	467
FDTIR-43	43	44	394	3	2	2	4	1	55	0	44	13	7	1	0	17	2	3.83	67	639
FDTIR-43	44	45	382	3	2	1	3	0	45	0	19	6	3	0	0	12	2	2.54	30	561
FDTIR-43	45	46	602	4	2	3	7	1	299	0	88	32	11	1	0	17	2	3.86	141	1,254
FDTIR-43	46	47	1,417	9	4	6	16	1	521	0	183	62	23	2	1	34	3	6.7	289	2,677
FDTIR-43	47	48	3,491	14	6	9	25	2	712	0	281	94	37	3	1	45	5	12.34	440	5,536
FDTIR-43	48	49	1,434	18	6	12	32	3	1,044	0	374	131	50	4	1	53	4	14.18	594	3,713
FDTIR-43	49	50	1,675	20	6	16	42	3	1,220	0	453	153	60	4	1	53	4	12.44	714	4,352
FDTIR-43	50	51	2,427	25	6	24	57	3	1,507	0	725	242	92	6	1	52	3	14.37	1,138	6,064
FDTIR-43	51	52	2,748	54	20	44	109	8	1,599	1	1,199	349	177	11	2	222	12	18.32	1,820	7,702
FDTIR-43	52	53	4,356	73	20	70	165	10	2,163	1	1,933	539	282	17	2	208	11	20.31	2,907	11,559
FDTIR-43	53	54	3,064	43	12	42	96	6	1,440	0	1,168	332	167	10	1	109	7	12.78	1,764	7,620
FDTIR-43	54	55	2,722	46	13	44	104	6	1,489	0	1,260	352	181	10	1	126	7	12.93	1,895	7,465
FDTIR-43	55	56	2,864	40	11	39	89	5	1,258	1	1,070	299	156	9	1	109	6	15.37	1,610	6,990
FDTIR-43	56	57	1,775	30	9	29	66	4	1,143	1	788	229	112	7	1	87	6	11.59	1,196	5,029
FDTIR-43	57	58	3,149	48	13	52	115	6	1,526	1	1,417	389	211	11	1	124	8	21.36	2,124	8,297
FDTIR-43	58	59	1,908	33	10	32	73	4	952	1	847	232	126	7	1	91	7	13.03	1,268	5,071
FDTIR-43	59	60	785	16	6	13	32	2	455	1	343	98	49	3	1	46	5	7.02	519	2,177
FDTIR-43	60	61	2,646	17	6	14	33	2	436	1	376	105	56	3	1	46	5	6.66	566	4,391
FDTIR-43	61	62	2,278	21	6	20	47	3	747	1	605	169	84	5	1	56	5	6.54	910	4,746
FDTIR-43	62	63	989	17	5	17	40	2	444	0	465	123	69	4	1	47	4	8.47	690	2,613
FDTIR-43	63	64	1,352	23	7	21	51	3	516	1	553	143	85	5	1	64	5	8.16	819	3,322
FDTIR-43	64	65	884	18	6	16	39	2	436	1	426	112	63	4	1	53	4	6.39	633	2,422
FDTIR-43	65	66	968	24	8	20	53	3	483	1	489	126	76	5	1	76	5	7.29	722	2,745
FDTIR-43	66	67	949	28	9	21	59	4	521	1	496	128	78	6	1	97	6	6.26	733	2,823
FDTIR-43	67	68	1,086	33	15	20	59	6	517	1	465	122	70	6	2	170	10	6.63	689	3,039
FDTIR-43	68	69	991	25	9	17	51	4	488	1	409	111	62	5	1	100	6	7.14	611	2,679
FDTIR-43	69	70	1,318	23	8	18	48	3	667	1	497	142	73	5	1	76	5	7.74	751	3,387
FDTIR-43	70	71	1,113	17	6	14	35	2	520	0	394	114	53	4	1	57	4	8.57	597	2,739
FDTIR-43	71	72	1,309	19	6	16	41	3	621	1	455	132	65	4	1	61	4	10.01	690	3,212
FDTIR-43	72	73	1,080	16	6	13	33	2	477	0	372	106	54	3	1	56	4	8.98	562	2,608
FDTIR-43	73	74	1,276	19	7	17	41	3	597	1	468	133	66	4	1	68	4	9.88	706	3,175
FDTIR-43	74	75	1,287	25	11	18	46	4	610	1	467	132	70	5	1	140	7	9.87	704	3,323
FDTIR-43	75	76	1,299	19	9	13	35	3	821	1	417	129	53	4	1	112	6	6.55	643	3,433
FDTIR-43	76	77	1,412	22	8	17	44	3	612	1	479	135	69	5	1	112	5	11.38	722	3,439
FDTIR-43	77	78	1,037	15	5	14	32	2	487	0	375	107	52	3	1	51	3	9.37	567	2,565
FDTIR-43	78	79	1,025	14	5	13	33	2	502	0	385	111	55	3	0	50	3	10.17	583	2,584
FDTIR-43	79	80	1,148	16	5	15	36	2	516	0	426	121	60	3	0	51	3	11.53	643	2,819
FDTIR-43	80	81	904	15	5	12	31	2	450	0	331	95	48	3	1	63	3	7.92	501	2,307
FDTIR-43	81	82	728	12	4	10	24	2	358	0	261	75	36	3	1	50	3	6.78	394	1,840
FDTIR-43	82	83	1,292	18	6	17	40	3	643	0	489	140	68	4	1	65	3	12.88	739	3,274
FDTIR-43	83	84	976	17	5	14	34	2	449	0	375	105	55	3	1	58	3	10.77	564	2,464
FDTIR-43	84	85	1,241	17	5	16	39	2	590	0	474	136	68	4	0	51	3	13.83	717	3,106
FDTIR-43	85	86	1,111	18	6	15	39	3	504	0	418	118	59	4	1	66	4	12.18	631	2,777
FDTIR-43	86	87	883	15	5	12	31	2	404	0	323	92	48	3	1	58	3	9.8	488	2,209
FDTIR-43	87	88	1,201	21	8	17	44	3	536	1	450	127	66	5	1	98	5	12.94	678	3,033
FDTIR-43	88	89	1,191	22	7	19	48	3	569	1	492	137	72	5	1	75	4	13.37	739	3,104
FDTIR-43	89	90	1,429	21	6	20	49	3	670	0	577	159	82	5	1	52	3	13.32	866	3,608
FDTIR-43	90	91	1,277	17	5	17	39	2	561	0	489	139	69	4	0	38	3	13.41	739	3,119
FDTIR-43	91	92	1,193	15	4	15	37	2	539	0	462	130	67	4	0	34	2	12.37	695	2,937
FDTIR-43	92	93	956	12	3	14	33	1	439	0	389	106	57	3	0	28	2	9.32	582	2,397
FDTIR-43	93	94	1,080	11	3	12	27	1	442	0	357	104	50	3	0	25	2	12.43	542	2,481
FDTIR-43	94	95	1,893	19	5	21	46	2	911	0	661	194	87	4	0	43	2	23.05	1,006	4,563
FDTIR-43	95	96	1,794	28	8	25	62	4	815	0	639	179	94	6	1	76	4	19.75	962	4,382
FDTIR-43	96	97	1,230	26	8	20	51	4	582	1	501	137	77	5	1	81	5	14.79	750	3,202
FDTIR-43	97	98	221	5	2	4	10	1	111	0	100	27	14	1	0	17	1	2.1	149	602
FDTIR-43	98	99	334	6	2	5	13	1	163	0	130	37	18	1	0	21	1	3.81	196	861
FDTIR-43	99	100	517	10	4	8	19	1	269	0	215	61	33	2	0	38	3	5.26	325	1,386
FDTIR-43	100	101	423	9	4	7	17	1	215	0	172	48	26	2	0	34	2	4.98	258	1,127
FDTIR-43	101	102	159	4	2	2	6	1	73	0	59	17	9	1	0	15	1	1.87	89	410
FDTIR-43	102	103	26	1	1	0	1	0	11	0	10	3	2	0	0	5	1	0.5	14	73
FDTIR-43	103	104	24	2	1	0	2	0	10	0	9	2	2	0	0	8	1	0.43	13	72

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HOLEID	FROM	TO	Ceppm	Dyppm	Erppm	Euppm	Gdppm	Hoppm	Lappm	Luppm	Ndppm	Prppm	Smppm	Tbppm	Tmppm	Yppm	Ybppm	TiO2%	NdPrppm	TREOppm
FDTIR-44	41	42	154	3	2	1	2	1	32	0	12	4	2	0	0	15	2	2.51	18	269
FDTIR-44	42	43	165	2	1	0	1	0	17	0	9	3	2	0	0	10	1	1.77	14	249
FDTIR-44	43	44	336	3	2	2	4	1	184	0	46	17	6	1	0	15	2	4.15	75	727
FDTIR-44	44	45	915	6	3	3	10	1	331	0	100	36	14	1	0	25	3	8.23	160	1,699
FDTIR-44	45	46	962	10	4	6	16	2	457	0	193	64	27	2	0	40	3	9.08	302	2,097
FDTIR-44	46	47	1,495	12	5	8	21	2	470	0	214	71	32	2	1	48	3	11.39	335	2,796
FDTIR-44	47	48	1,194	16	6	9	27	2	799	1	261	88	35	3	1	59	4	12.45	410	2,939
FDTIR-44	48	49	1,531	19	6	16	38	3	882	0	448	145	62	4	1	50	4	12.85	698	3,763
FDTIR-44	49	50	752	10	4	6	16	2	485	0	164	58	22	2	0	35	4	12.95	261	1,831
FDTIR-44	50	51	1,394	17	5	15	36	2	937	0	460	151	58	4	1	41	3	14.02	720	3,665
FDTIR-44	51	52	1,768	16	4	17	42	2	884	0	499	155	69	4	0	36	2	14.5	769	4,103
FDTIR-44	52	53	1,609	22	6	23	50	3	808	0	663	194	96	5	1	58	4	13.25	1,008	4,156
FDTIR-44	53	54	2,631	44	13	44	98	6	1,338	1	1,210	340	182	10	1	131	8	16.5	1,822	7,108
FDTIR-44	54	55	4,606	71	18	77	172	9	1,981	1	2,140	586	329	17	2	166	10	21.43	3,205	11,945
FDTIR-44	55	56	4,118	59	15	63	140	7	1,845	1	1,774	492	266	14	1	139	8	25	2,664	10,489
FDTIR-44	56	57	2,769	39	11	41	93	5	1,218	1	1,171	322	177	10	1	103	7	25.5	1,754	6,998
FDTIR-44	57	58	1,937	28	9	27	63	4	890	1	763	213	112	6	1	81	7	13.18	1,148	4,860
FDTIR-44	58	59	942	20	7	16	39	3	538	1	415	116	63	4	1	60	6	8.51	624	2,619
FDTIR-44	59	60	940	30	12	22	56	5	551	1	499	132	80	6	1	122	9	6.7	742	2,900
FDTIR-44	60	61	1,123	26	8	21	55	4	544	1	512	135	81	6	1	84	5	7.59	761	3,060
FDTIR-44	61	62	1,434	29	9	24	60	4	650	1	585	156	94	6	1	95	6	7	871	3,702
FDTIR-44	62	63	926	22	8	17	43	3	448	1	413	112	65	5	1	82	6	7.1	616	2,525
FDTIR-44	63	64	792	16	5	13	33	2	375	0	340	92	53	3	1	52	4	6.34	509	2,094
FDTIR-44	64	65	1,063	21	7	17	44	3	544	1	461	129	70	5	1	65	4	7.51	694	2,858
FDTIR-44	65	66	1,576	32	10	25	65	4	756	1	680	189	104	7	1	97	6	10.69	1,022	4,171
FDTIR-44	66	67	1,222	27	9	21	55	4	653	1	564	157	83	6	1	88	6	8.72	848	3,400
FDTIR-44	67	68	1,390	24	10	16	42	4	561	1	433	124	63	5	1	98	7	7.68	656	3,265
FDTIR-44	68	69	1,762	35	17	21	56	6	797	1	604	175	87	6	2	188	12	8.48	916	4,435
FDTIR-44	69	70	1,541	28	11	20	51	5	661	1	535	155	77	5	1	127	7	10.21	811	3,789
FDTIR-44	70	71	1,146	22	8	17	42	4	618	1	467	135	68	5	1	101	5	7.91	708	3,103
FDTIR-44	71	72	1,092	19	7	14	36	3	499	1	393	114	57	4	1	80	4	8.5	596	2,729
FDTIR-44	72	73	1,084	18	7	15	37	3	539	0	423	121	62	4	1	81	4	7.92	639	2,816
FDTIR-44	73	74	1,140	19	7	15	38	3	501	1	411	116	61	4	1	88	4	8.82	620	2,830
FDTIR-44	74	75	1,108	17	6	14	35	2	507	0	395	114	57	4	1	71	4	8.82	599	2,742
FDTIR-44	75	76	1,519	21	6	21	48	3	691	0	582	166	83	5	1	73	4	12.59	879	3,782
FDTIR-44	76	77	1,540	19	5	19	45	3	672	0	559	160	80	5	1	59	3	14.19	845	3,720
FDTIR-44	77	78	1,369	18	5	17	39	2	649	0	519	151	75	4	1	53	3	12.75	788	3,411
FDTIR-44	78	79	1,086	18	5	15	36	2	517	0	414	118	60	4	1	60	3	8.87	626	2,748
FDTIR-44	79	80	1,231	17	5	16	38	2	547	0	448	128	68	4	1	54	3	10.45	678	3,007
FDTIR-44	80	81	1,277	15	4	15	35	2	571	0	451	131	64	4	0	40	3	10.64	685	3,063
FDTIR-44	81	82	1,223	20	6	18	43	3	639	0	494	143	71	5	1	56	4	10.11	748	3,196
FDTIR-44	82	83	1,435	21	7	19	46	3	642	1	516	148	73	5	1	71	4	12.03	780	3,510
FDTIR-44	83	84	1,515	22	6	21	47	3	704	0	582	165	81	5	1	68	4	12.47	879	3,783
FDTIR-44	84	85	1,139	17	5	16	36	2	529	0	438	125	62	4	1	56	3	10.1	661	2,855
FDTIR-44	85	86	1,296	21	8	17	43	4	561	1	463	132	66	5	1	88	4	9.98	699	3,182
FDTIR-44	86	87	1,774	32	11	26	64	5	745	1	667	183	97	7	1	116	7	12.63	999	4,384
FDTIR-44	87	88	1,841	19	5	21	46	2	854	0	671	198	89	4	0	39	3	14.85	1,023	4,448
FDTIR-44	88	89	1,032	12	3	13	29	2	522	0	402	118	54	3	0	26	2	9.19	612	2,601
FDTIR-44	89	90	1,372	21	6	19	45	3	628	0	584	165	84	5	1	50	3	11.31	880	3,503
FDTIR-44	90	91	884	16	5	15	34	2	446	0	387	106	58	4	1	41	3	7.24	580	2,347
FDTIR-44	91	92	793	11	4	11	25	2	366	0	307	87	43	3	0	29	2	7.48	463	1,972
FDTIR-44	92	93	1,739	25	7	23	56	4	698	1	624	172	90	6	1	78	4	13.04	936	4,140
FDTIR-44	93	94	1,107	18	6	16	38	3	507	1	428	120	61	4	1	60	3	10.91	644	2,785
FDTIR-44	94	95	884	14	5	13	31	2	413	0	342	96	49	3	1	45	3	9.9	516	2,232
FDTIR-44	95	96	808	13	4	11	27	2	379	0	303	88	45	3	0	39	3	8.87	459	2,025
FDTIR-44	96	97	828	14	5	12	29	2	420	0	340	97	49	3	1	42	3	9.4	513	2,163
FDTIR-44	97	98	394	7	3	6	14	1	197	0	156	44	23	2	0	25	2	3.82	235	1,028
FDTIR-44	98	99	452	6	2	6	13	1	200	0	159	47	22	1	0	17	1	4.41	242	1,088
FDTIR-44	99	100	360	5	2	5	10	1	163	0	124	36	18	1	0	13	1	3.74	189	867
FDTIR-44	100	101	365	6	2	5	13	1	189	0	142	42	19	1	0	17	1	3.93	216	944
FDTIR-44	101	102	548	7	2	7	15	1	236	0	187	54	26	2	0	21	2	5.18	284	1,301
FDTIR-44	102	103	183	5	2	3	8	1	99	0	87	24	13	1	0	15	2	1.72	131	520
FDTIR-44	103	104	33	2	1	1	3	0	16	0	16	4	3	0	0	10	2	0.48	24	108
FDTIR-44	104	104.85	20	2	1	1	2	0	11	0	9	2	2	0	0	7	1	0.34	14	68

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Table with 21 columns: HOLEID, FROM, TO, Ceppm, Dyppm, Erppm, Euppm, Gdppm, Hoppm, Lappm, Luppam, Ndppm, Prppm, Smppm, Tbppm, Tmppm, Yppm, Ybppm, TiO2%, NdPrppm, TREOppm. Rows include FDTIR-45 samples with various ppm values and TiO2 percentages.

Table with 21 columns: HOLEID, FROM, TO, Ceppm, Dyppm, Erppm, Euppm, Gdppm, Hoppm, Lappm, Luppam, Ndppm, Prppm, Smppm, Tbppm, Tmppm, Yppm, Ybppm, TiO2%, NdPrppm, TREOppm. Row includes FDTIR-46 sample with TiO2% 0.35.

Table with 21 columns: HOLEID, FROM, TO, Ceppm, Dyppm, Erppm, Euppm, Gdppm, Hoppm, Lappm, Luppam, Ndppm, Prppm, Smppm, Tbppm, Tmppm, Yppm, Ybppm, TiO2%, NdPrppm, TREOppm. Rows include FDTIR-47 samples with various ppm values and TiO2 percentages.

Table with 21 columns: HOLEID, FROM, TO, Ceppm, Dyppm, Erppm, Euppm, Gdppm, Hoppm, Lappm, Luppam, Ndppm, Prppm, Smppm, Tbppm, Tmppm, Yppm, Ybppm, TiO2%, NdPrppm, TREOppm. Rows include FDTIR-48 samples with various ppm values and TiO2 percentages.

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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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 2kg 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	<ul style="list-style-type: none"> 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.). 	<ul style="list-style-type: none"> 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 46 and 106 m
Drill sample recovery	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate 	<ul style="list-style-type: none"> 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

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Criteria	JORC Code explanation	Commentary
	<p>Mineral Resource estimation, mining studies and metallurgical studies.</p> <ul style="list-style-type: none"> Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. The total length and percentage of the relevant intersections logged. 	<p>of Exploration Results.</p> <ul style="list-style-type: none"> Lithological logging is qualitative in nature. Geological description consisted of defining weathering levels, mineralogical, lithological, in all holes with detail of one meter. All drillholes described in this announcement were fully logged.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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 high 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.
Verification of sampling and assaying	<ul style="list-style-type: none"> The verification of significant intersections by either independent or alternative company personnel. 	<ul style="list-style-type: none"> The field team monitors QAQC data through graphs and tables.

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All drillhole collars were topographically surveyed by handheld GPS. Stationary GPS measurements, using the system RTK, are being collected at this moment. WGS 84 Datum for coordinate system.
Data spacing and distribution	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Samples from the auger and Aircore campaign 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	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> At Sedar and at the Resouro website there is two NI 43.101 reports, conducted by GE21 and Atticus Geoscience, with audits and reviews of sampling data.

Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary																																																																																																																				
Mineral tenement and land tenure status	<ul style="list-style-type: none"> 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. 	<p>Resouro has control of all mineral titles listed in the table below through:</p> <ol style="list-style-type: none"> Tiros Minerais Estratégicos Mineração Ltda (TMEL), a company owned 90% by Resouro 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 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. 																																																																																																																				
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	<ul style="list-style-type: none"> The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area. 	<ul style="list-style-type: none"> ANM' GIS system (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 to tenements rights in this check was detected
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> Not applicable to this announcement. All holes were drilled by Resouro
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralization. 	<ul style="list-style-type: none"> 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 Information	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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. 	<p>This press release refers to the results of the drill holes listed in the Appendix 1.</p>
Data aggregation methods	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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.

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	equivalent values should be clearly stated.	<ul style="list-style-type: none"> No metal equivalent was reported.
Relationship between mineralization widths and intercept lengths	<ul style="list-style-type: none"> 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 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'). 	<ul style="list-style-type: none"> All holes were vertical and the mineralization zone is horizontal.
Diagrams	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Not applicable
Balanced reporting	<ul style="list-style-type: none"> 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 TiO ₂ are listed in the Appendix 2
Other substantive exploration data	<ul style="list-style-type: none"> 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 nitric acid digest process has demonstrated effective recovery of Rare Earth mineralisation, as previously announced by Resouro.
Further work	<ul style="list-style-type: none"> The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or 	<ul style="list-style-type: none"> A new Auger drill campaign is progressing at the moment, covering areas of low overburden. Infill results will be used to update the

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	<p>large-scale step-out drilling).</p> <ul style="list-style-type: none">Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	<p>mineral resource model. Scoping studies, including engineering and environmental data, will be developed in the following months.</p>