

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

71-23-95 FILE #1
STATE LEASE 8862

ITEM
23

Kerr McGee

Birchdale

Tilson Creek

Folder: 14

Doc #: 19

WHOLE ROCK ICF ANALYSIS

A .1000 GRAM SAMPLE IS FUSED WITH .60 GRAM OF LiBO2 AND IS DISSOLVED IN 50 MLS 5% HNO3.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JAN 04 1988

DATE REPORT MAILED: Jan 14/88

ASSAYER. *D. Toye*..DEAN TOYE, CERTIFIED B.C. ASSAYER

KERR MCGEE CORP. PROJECT-DULUTH File # 87-5568R

SAMPLE#	SiO2	AL2O3	FE2O3	MGO	CAO	NA2O	K2O	TiO2	P2O5	MNO	CR2O3	BA	LOI	SUM
	%	%	%	%	%	%	%	%	%	%	%	PPM	%	%
TC35-1-99	46.35	14.24	9.94	5.11	11.94	2.50	.41	.77	.07	.15	.04	162	8.5	100.05

CN-8862

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

Tilson Ck 35-1

WHOLE ROCK ICF ANALYSIS

A .1000 GRAM SAMPLE IS FUSED WITH .60 GRAM OF LiBO2 AND IS DISSOLVED IN 50 ML3 5% HNO3.

- SAMPLE TYPE: Pulp

DATE RECEIVED: JAN 04 1988

DATE REPORT MAILED:

Jan 14/88

ASSAYER:

D. Tope

DEAN TOYE, CERTIFIED B.C. ASSAYER

KERR MCGEE CORP. PROJECT-DULUTH File # 87-5467R

SAMPLE#	SiO2 %	AL2O3 %	FE2O3 %	MGO %	CAO %	NA2O %	K2O %	TiO2 %	P2O5 %	MNO %	CR2O3 %	BA PPM	LOI %	SUM %
TC35-1-5	42.47	15.04	10.40	10.04	9.59	1.46	.14	.53	.01	.14	.07	37	10.4	100.30
TC35-1-16	54.59	18.43	9.85	3.10	8.53	1.94	1.16	.95	.05	.20	.04	220	1.2	100.08
TC35-1-44	63.62	15.73	5.89	2.90	3.37	3.80	2.07	.54	.09	.07	.02	564	1.7	99.90
TC35-1-76	50.52	12.67	10.20	7.17	12.03	1.51	.39	.66	.01	.18	.05	55	4.8	100.20

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH JML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE CA P LA CR HG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: Core AU11 ANALYSIS BY FA+AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: NOV 4 1987

DATE REPORT MAILED: Nov 17/87

ASSAYER: *D. J. J.*....DEAN TOYE, CERTIFIED B.C. ASSAYER

KERR MCGEE (DULUTH)

File # 87-5467

Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	HG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU11 PPB	HG PPB	LOI %
TC35-1-1	1	45	10	59	.1	150	33	982	4.99	11	5	ND	1	34	1	2	2	76	7.56	.006	2	297	4.42	10	.07	5	4.32	.01	.05	1	5	5	14.2
TC35-1-2	1	80	9	53	.2	149	31	919	4.87	6	5	ND	1	30	1	2	2	76	6.43	.007	2	290	4.47	13	.06	2	4.31	.01	.05	1	2	5	12.4
TC35-1-3	1	80	10	51	.2	142	31	1011	4.59	10	5	ND	1	43	1	2	2	79	9.27	.006	2	284	3.93	3	.06	2	3.86	.01	.02	1	4	5	14.8
TC35-1-4	1	121	6	58	.1	159	32	959	4.93	3	5	ND	1	34	1	2	2	82	7.25	.007	2	301	4.12	7	.07	3	4.10	.01	.03	1	15	5	12.9
TC35-1-5	1	42	8	61	.1	158	33	841	5.01	8	5	ND	1	21	1	2	2	67	5.47	.007	2	308	4.22	1	.06	4	4.15	.01	.01	1	3	5	10.8
TC35-1-6	1	69	3	36	.1	85	18	632	2.76	2	5	ND	1	15	1	2	2	53	4.26	.034	3	129	.89	49	.10	4	1.43	.08	.13	1	1	5	4.7
TC35-1-7	1	67	7	67	.1	108	27	668	4.41	2	5	ND	1	8	1	2	2	93	2.66	.030	3	185	2.84	52	.13	2	3.06	.03	.18	1	2	5	5.6
TC35-1-8	1	89	2	51	.1	107	23	657	3.83	2	5	ND	1	9	1	2	2	69	2.95	.028	3	165	1.91	51	.12	2	2.32	.05	.13	1	1	10	4.7
TC35-1-9	1	66	2	48	.1	106	23	689	3.65	2	5	ND	1	13	1	2	2	81	3.67	.032	3	172	1.44	124	.15	2	2.13	.07	.34	1	1	30	4.8
TC35-1-10	1	83	2	44	.1	99	21	679	3.37	4	5	ND	1	17	1	2	2	58	5.21	.027	2	176	1.78	7	.10	2	2.13	.05	.04	1	4	5	6.8
TC35-1-11	1	46	7	42	.1	128	27	676	4.17	7	5	ND	1	16	1	2	2	48	5.23	.011	2	256	3.57	1	.07	5	3.51	.02	.02	1	1	5	9.6
TC35-1-12	1	33	2	31	.1	91	19	478	2.79	2	5	ND	1	14	1	2	2	36	3.04	.021	2	169	1.78	5	.11	3	2.95	.06	.04	1	13	5	4.7
TC35-1-13	1	79	4	32	.2	53	15	639	2.93	4	5	ND	2	18	1	2	2	52	2.89	.029	3	72	.86	9	.11	3	1.70	.15	.07	1	21	5	2.1
TC35-1-14	1	488	7	39	.6	37	22	909	5.08	3	5	ND	1	15	1	2	2	60	3.08	.037	5	20	.95	14	.11	4	2.16	.12	.09	1	32	5	2.4
TC35-1-15	1	54	8	49	.2	73	26	757	3.70	12	5	ND	1	39	1	2	2	92	4.10	.037	3	151	1.07	58	.17	9	3.58	.24	.38	1	39	5	3.6
TC35-1-16	1	85	4	43	.3	91	31	536	3.36	21	5	ND	2	35	1	2	2	80	2.63	.028	4	150	.94	52	.15	9	3.27	.24	.29	1	46	5	1.9
TC35-1-17	1	207	8	39	.3	104	31	749	3.81	12	5	ND	1	23	1	2	2	61	3.62	.031	3	129	.86	32	.12	11	2.51	.15	.14	1	15	5	2.8
TC35-1-18	1	188	4	34	.3	99	27	539	3.21	15	5	ND	2	36	1	2	2	66	3.02	.032	3	134	.75	69	.12	8	2.98	.27	.22	1	32	5	1.9
TC35-1-19	1	197	9	38	.2	98	24	682	3.99	9	5	ND	1	22	1	2	2	45	3.27	.029	3	89	.80	38	.08	5	2.55	.22	.13	1	40	5	2.0
TC35-1-20	1	167	11	42	.3	88	23	840	4.35	9	5	ND	2	26	1	2	2	52	3.93	.033	4	91	.93	23	.09	8	2.91	.20	.09	1	62	5	3.0
TC35-1-21	1	130	8	36	.3	80	23	818	3.81	13	5	ND	1	23	1	2	2	48	4.12	.034	3	82	.71	29	.09	5	2.39	.19	.11	5	67	5	2.7
TC35-1-22	1	30	7	48	.1	109	21	525	3.22	12	5	ND	2	17	1	2	2	51	3.05	.030	2	165	1.63	28	.11	5	2.56	.12	.13	5	50	5	4.0
TC35-1-23	1	115	2	32	.2	73	20	818	3.43	3	5	ND	1	16	1	2	2	35	4.81	.029	2	88	.96	9	.08	2	1.88	.12	.07	13	72	5	4.4
TC35-1-24	1	92	3	36	.1	76	20	791	3.45	8	5	ND	1	19	1	2	2	58	5.30	.032	3	112	.83	29	.11	7	2.21	.16	.16	2	26	5	4.5
TC35-1-25	1	143	8	42	.2	103	26	867	4.36	9	5	ND	2	20	1	2	2	63	3.37	.034	3	125	.86	14	.10	4	2.58	.17	.08	1	11	5	3.2
TC35-1-26	1	212	4	28	.3	76	19	835	3.27	4	5	ND	1	22	1	2	2	36	4.07	.028	3	74	.57	10	.08	7	1.90	.17	.07	1	2	5	2.7
TC35-1-27	1	41	2	38	.1	90	23	475	2.69	11	5	ND	2	26	1	2	2	60	2.04	.034	3	110	.95	65	.12	5	2.51	.24	.28	1	13	5	1.7
TC35-1-28	1	200	8	35	.2	75	25	782	4.33	11	5	ND	2	26	1	2	2	55	2.67	.032	3	92	.75	45	.11	7	2.77	.24	.16	1	6	5	1.3
TC35-1-29	1	171	12	58	.2	81	22	747	3.87	7	5	ND	1	20	1	2	2	66	3.20	.035	3	108	.95	50	.11	4	2.32	.16	.21	1	14	5	2.9
TC35-1-30	1	67	5	45	.1	54	17	757	3.52	2	5	ND	2	10	1	2	2	79	3.19	.040	4	124	1.24	16	.14	6	1.88	.08	.09	1	12	5	3.8
TC35-1-31	1	84	5	51	.1	50	17	407	2.96	2	5	ND	2	10	1	2	2	68	2.13	.051	3	66	.98	14	.14	7	1.43	.09	.06	1	13	5	1.8
TC35-1-32	1	108	4	36	.3	31	14	354	2.61	3	5	ND	3	9	1	2	2	60	1.91	.047	3	43	.94	27	.14	2	1.30	.10	.09	1	10	5	1.3
TC35-1-33	1	87	3	34	.1	66	18	389	3.20	2	6	ND	3	13	1	2	2	60	2.75	.028	2	112	1.67	14	.12	3	2.00	.08	.07	1	6	5	3.5
TC35-1-34	1	208	2	36	.4	30	19	438	3.58	2	5	ND	3	10	1	2	2	107	3.06	.031	3	54	1.21	11	.12	3	1.75	.10	.06	1	3	5	1.7
TC35-1-35	1	33	3	41	.1	33	17	635	3.99	3	5	ND	1	12	1	2	2	86	3.89	.018	2	66	1.50	3	.17	3	2.08	.05	.02	1	18	5	4.4
TC35-1-36	1	137	5	38	.1	52	21	617	3.90	4	5	ND	1	8	1	2	2	72	1.59	.031	4	72	1.27	26	.14	3	1.81	.08	.09	1	2	5	1.8
STD C/AU-R	19	60	42	133	7.3	69	29	1049	4.02	45	18	8	40	53	18	17	19	58	.48	.088	39	61	.89	180	.07	31	1.90	.07	.15	11	475	1400	-

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O2 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR NI FE CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. NO DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AUSS ANALYSIS BY FA-AA FROM 10 GR SAMPLE. NG ANALYSIS BY FLAMELESS AA

DATE RECEIVED: NOV 12 1987

DATE REPORT MAILED: Nov 23/87

ASSAYER: D. J. DEAN TOYE, CERTIFIED B.C. ASSAYER

KERR MCGEE CORPORATION PROJECT-DULUTH

File # 87-5568

Page 1

SAMPLE	NO	CU	PB	ZN	AG	NI	CO	MM	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	NG	BA	TI	B	AL	NA	K	W	AUSS	NG	LD
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM	PPM	%
DRW34-2A-21	1	8	2	12	.1	2	2	135	.81	2	5	ND	4	6	1	2	2	2	.37	.024	14	2	.23	22	.01	2	.36	.03	.13	2	1	5	1.1
DRW34-2A-22	1	10	3	20	.1	3	2	128	.83	2	5	ND	3	6	1	2	2	2	.39	.026	16	2	.18	20	.01	4	.37	.03	.11	2	4	5	1.1
DRW34-2A-23	1	7	2	10	.1	2	2	69	.55	2	5	ND	3	4	1	2	2	1	.24	.026	12	2	.11	22	.01	3	.30	.02	.12	2	350	5	1.1
DRW34-2A-24	1	7	2	5	.1	3	4	128	.73	4	5	ND	5	7	1	2	2	1	.45	.024	7	2	.15	29	.01	5	.29	.03	.17	1	185	5	1.7
DRW34-2A-25	1	7	2	13	.1	4	3	167	.82	2	5	ND	3	8	1	2	2	1	.59	.024	13	2	.21	24	.01	5	.31	.03	.12	1	5	5	2.1
TC35-1-78	1	270	4	151	.5	92	26	726	4.12	2	5	ND	1	20	1	2	2	64	5.04	.027	3	109	.74	33	.11	4	1.99	.10	.15	1	15	5	4.1
TC35-1-79	1	11	2	28	.1	53	14	407	2.77	2	5	ND	2	22	1	2	2	44	2.66	.017	2	142	1.43	39	.10	7	2.00	.12	.27	2	23	5	3.1
TC35-1-80	1	5	2	29	.1	64	14	362	2.56	2	5	ND	1	25	1	2	2	40	2.98	.016	2	170	1.72	13	.09	2	2.13	.11	.13	2	3	5	4.1
TC35-1-81	1	1	2	20	.1	37	9	312	1.76	2	5	ND	1	17	1	2	5	31	1.61	.020	2	89	.93	16	.00	5	1.28	.12	.13	3	43	5	1.1
TC35-1-82	1	263	7	36	.3	84	26	651	4.11	2	5	ND	1	16	1	2	2	62	2.72	.030	4	96	.78	102	.12	9	1.83	.10	.37	1	50	5	2.1
TC35-1-83	1	271	2	35	.2	68	23	947	3.39	2	5	ND	1	38	1	2	2	42	6.30	.036	5	99	.80	61	.10	15	1.06	.03	.21	3	260	5	8.1
TC35-1-84	1	181	3	40	.4	62	18	1261	3.88	2	5	ND	3	40	1	2	5	45	6.45	.040	13	78	1.30	118	.12	11	1.63	.03	.41	2	1440	5	8.1
TC35-1-85	1	79	2	52	.1	84	21	482	3.19	2	5	ND	5	12	1	2	2	51	1.19	.044	17	117	1.29	135	.11	7	1.50	.05	.37	1	30	5	2.1
TC35-1-86	1	34	4	33	.1	62	16	474	3.39	41	5	ND	5	20	1	2	2	47	1.74	.038	14	101	1.39	146	.07	13	1.75	.04	.44	1	26	5	3.1
TC35-1-87	1	68	5	74	.1	110	24	732	4.75	174	5	ND	6	19	1	2	2	99	1.75	.078	27	248	2.63	212	.18	5	2.77	.04	.62	1	2	5	3.1
TC35-1-88	3	57	7	92	.1	76	19	573	3.99	54	5	ND	7	22	1	2	2	66	1.82	.048	24	143	1.84	154	.11	3	2.23	.03	.50	1	2	5	3.1
TC35-1-89	1	43	8	62	.1	67	15	486	3.33	18	5	ND	7	14	1	2	2	64	1.23	.046	21	154	1.57	224	.12	7	1.97	.05	.68	1	26	5	2.1
TC35-1-90	1	18	2	29	.1	19	12	416	2.54	3	5	ND	1	8	1	2	2	69	2.43	.034	4	28	.80	4	.09	4	1.17	.09	.64	3	30	5	3.1
TC35-1-91	1	37	2	32	.1	72	16	425	2.80	2	5	ND	1	10	1	2	2	69	2.20	.039	4	74	.93	13	.11	3	1.40	.10	.07	3	3	5	2.1
TC35-1-92	1	42	2	39	.2	64	17	546	2.83	3	5	ND	2	17	1	2	2	50	4.59	.024	3	152	1.26	95	.14	3	1.56	.07	.26	1	2	5	5.1
TC35-1-93	1	84	3	33	.2	53	15	489	2.67	5	5	ND	1	15	1	2	2	53	5.32	.028	4	92	1.04	17	.00	7	1.44	.00	.08	2	1	10	6.1
TC35-1-94	1	133	6	35	.1	105	21	752	3.97	2	5	ND	1	16	1	2	2	61	2.42	.028	2	124	1.30	23	.10	4	2.12	.10	.07	1	4	5	2.1
TC35-1-95	1	110	2	33	.2	62	15	416	2.51	2	5	ND	1	12	1	2	2	45	1.77	.033	2	94	1.13	14	.10	3	1.67	.11	.07	1	3	5	2.1
TC35-1-96	1	114	2	32	.1	54	16	421	2.96	2	5	ND	1	13	1	2	2	50	1.84	.031	2	88	1.26	8	.11	3	1.72	.10	.04	1	4	5	2.1
TC35-1-97	1	97	2	41	.1	89	27	691	3.69	3	5	ND	1	18	1	2	2	58	2.82	.033	3	115	1.10	5	.00	7	1.96	.00	.04	1	42	5	3.1
TC35-1-98	1	127	2	46	.2	85	23	706	4.04	8	5	ND	1	16	1	2	2	79	5.14	.027	3	133	1.57	12	.11	8	2.15	.07	.85	1	4	5	6.1
TC35-1-99	1	82	4	47	.3	100	24	635	4.07	3	5	ND	1	25	1	3	2	83	6.38	.023	3	153	1.95	50	.09	2	2.36	.04	.13	2	11	5	8.1
TC35-2-18	1	61	5	58	.1	77	18	654	3.71	2	5	ND	1	48	1	2	2	54	2.11	.051	7	80	2.04	45	.13	6	3.50	.21	.50	1	5	5	2.1
TC35-2-19	1	69	3	66	.1	101	27	688	4.09	2	5	ND	2	21	1	2	2	63	1.39	.052	8	84	2.68	7	.11	5	3.48	.10	.06	1	5	5	3.1
TC35-2-20	1	61	14	57	.1	92	24	584	4.46	2	5	ND	2	29	1	2	2	50	1.31	.051	7	71	2.24	16	.09	2	3.16	.15	.11	1	5	5	2.1
TC35-2-21	1	67	4	70	.2	93	26	629	5.25	2	5	ND	2	13	1	2	2	65	1.08	.049	7	84	2.79	5	.10	2	3.32	.00	.06	1	3	5	2.1
TC35-2-22	1	41	8	67	.1	86	23	611	4.87	2	5	ND	1	18	1	2	2	61	1.89	.047	6	79	2.72	8	.10	2	3.44	.09	.06	1	5	5	2.1
TC35-2-23	1	35	4	69	.1	90	24	591	4.85	2	5	ND	1	21	1	3	2	58	.87	.045	6	85	2.74	18	.10	12	3.56	.12	.12	1	1	5	2.1
TC35-2-24	1	79	13	75	.1	98	26	641	5.28	2	5	ND	2	19	1	2	2	66	.91	.051	7	83	2.87	38	.12	2	3.68	.11	.22	1	2	5	2.1
TC35-2-25	1	60	2	73	.1	90	23	617	4.72	2	5	ND	1	22	1	2	2	57	.99	.043	6	82	2.70	18	.11	2	3.57	.13	.11	1	2	20	2.1
TC35-2-26	1	72	6	64	.1	74	19	651	3.89	2	5	ND	2	26	1	2	2	49	1.60	.045	6	71	2.21	19	.11	7	3.16	.15	.13	1	4	10	2.1
879 C/NO-R	19	39	40	132	7.3	69	30	1051	3.97	40	18	7	39	53	18	16	19	58	.48	.086	39	61	.88	180	.07	35	1.87	.07	.13	11	500	1400	-

SAMPLE#	MO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	SB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	NA %	K %	W PPH	AU11 PPB	H6 PPB	LOI %
TC35-1-37	1	356	5	47	.3	103	30	1130	6.18	4	5	ND	1	13	1	2	2	89	3.69	.030	4	97	1.20	10	.11	5	2.06	.07	.07	1	1	5	3.8
TC35-1-38	1	20	9	58	.1	44	16	813	3.72	2	5	ND	1	9	1	2	2	82	2.45	.037	4	53	1.38	11	.12	4	1.70	.08	.06	1	9	5	2.9
TC35-1-39	1	15	7	63	.1	51	22	1156	5.18	3	5	ND	1	17	1	2	2	117	4.94	.022	4	91	2.07	35	.12	4	2.55	.04	.14	1	1	20	7.2
TC35-1-40	1	105	21	73	.2	62	30	1124	6.11	2	5	ND	1	15	1	2	2	138	3.81	.026	5	114	2.25	109	.12	4	2.86	.04	.32	1	8	10	6.0
TC35-1-41	1	14	3	33	.1	42	13	600	2.57	2	5	ND	1	9	1	2	2	60	2.10	.042	5	37	.88	1	.12	4	1.13	.12	.03	1	4	5	1.9
TC35-1-42	1	6	2	32	.1	25	10	566	2.37	2	5	ND	1	9	1	2	2	53	1.94	.041	4	32	.89	5	.13	6	1.07	.11	.04	1	10	5	1.8
TC35-1-43	1	12	9	75	.1	70	23	641	4.85	2	5	ND	8	15	1	2	2	126	1.52	.053	27	130	1.92	185	.21	6	2.48	.04	.61	1	9	5	3.5
TC35-1-44	1	38	5	71	.1	61	17	570	4.18	8	5	ND	7	11	1	2	2	78	1.13	.049	23	116	1.62	148	.17	4	2.03	.04	.49	1	13	5	2.0
TC35-1-45	1	56	14	95	.1	59	18	610	4.36	4	5	ND	6	11	1	2	2	76	.89	.046	23	117	1.61	178	.17	4	2.04	.04	.61	1	1	5	1.9
TC35-1-46	1	60	9	66	.1	63	24	949	4.64	12	5	ND	3	16	1	2	2	100	3.36	.031	14	142	2.21	96	.13	5	2.50	.03	.43	1	4	5	5.3
TC35-1-47	1	167	12	72	.1	89	29	995	5.06	87	5	ND	1	15	1	2	2	90	3.85	.032	4	124	1.54	43	.10	2	2.02	.07	.22	1	3	5	4.0
TC35-1-48	1	40	7	44	.1	57	15	686	2.75	3	5	ND	1	12	1	2	2	50	2.30	.019	3	112	.94	40	.09	3	1.29	.11	.19	1	29	30	2.0
TC35-1-49	1	86	4	41	.2	43	17	980	3.67	2	5	ND	1	12	1	2	2	53	3.25	.030	4	54	.94	17	.10	6	1.46	.11	.11	1	14	5	2.5
TC35-1-50	1	86	6	56	.2	104	26	701	3.59	5	5	ND	1	11	1	3	2	76	2.58	.023	3	178	1.13	79	.13	6	1.54	.09	.34	1	1	5	2.4
TC35-1-51	1	55	2	30	.1	41	13	480	1.98	2	5	ND	1	9	1	2	2	50	2.15	.039	4	34	.82	8	.11	2	.97	.09	.06	1	2	20	2.0
TC35-1-52	1	49	5	37	.1	48	15	514	2.51	2	5	ND	1	12	1	2	2	56	2.45	.038	3	34	1.01	23	.11	5	1.27	.10	.13	3	1	5	2.7
TC35-1-53	1	110	4	42	.1	57	21	629	3.44	2	5	ND	1	10	1	2	2	58	2.42	.029	5	78	1.03	63	.12	3	1.43	.11	.30	2	10	5	2.2
TC35-1-54	1	165	3	47	.2	33	25	400	3.71	2	5	ND	1	7	1	2	2	61	1.61	.032	4	30	1.06	19	.11	2	1.37	.11	.12	6	7	5	1.3
TC35-1-55	1	68	2	27	.2	39	13	320	2.47	2	5	ND	1	6	1	2	2	35	1.38	.043	4	42	.78	11	.08	4	.98	.11	.09	2	19	5	1.1
TC35-1-56	1	130	7	31	.2	87	20	689	3.11	2	5	ND	1	10	1	2	2	49	2.97	.043	5	72	.75	31	.09	4	1.30	.12	.14	1	5	30	2.3
TC35-1-57	1	171	5	39	.1	118	28	913	4.23	3	5	ND	1	15	1	2	2	61	2.64	.032	4	97	.75	69	.12	11	1.99	.16	.38	1	1	5	1.6
TC35-1-58	1	165	8	38	.1	111	26	870	3.62	2	5	ND	1	24	1	2	2	62	4.45	.030	3	123	.78	59	.13	4	2.04	.15	.47	1	15	5	3.9
TC35-1-59	1	78	5	39	.1	77	21	962	3.70	3	5	ND	1	14	1	2	2	66	3.46	.031	4	101	.87	86	.13	3	1.83	.12	.47	1	5	5	3.4
TC35-1-60	1	99	2	36	.1	68	17	706	3.19	2	5	ND	1	13	1	2	2	57	2.95	.039	4	83	.86	73	.12	2	1.44	.11	.29	4	1	5	2.8
TC35-1-61	1	62	4	44	.1	65	17	473	2.99	2	5	ND	2	12	1	2	2	54	2.81	.051	5	76	1.11	13	.12	3	1.37	.08	.10	1	2	10	3.4
TC35-1-62	1	247	8	46	.2	103	33	770	4.36	4	5	ND	2	18	1	2	2	54	4.64	.036	4	104	1.14	35	.10	11	1.72	.06	.14	6	26	5	6.2
TC35-1-63	1	10	6	34	.1	35	12	672	2.75	2	5	ND	1	12	1	2	2	41	3.49	.023	3	69	1.13	34	.11	8	1.35	.07	.14	33	55	10	4.5
TC35-1-64	1	54	2	26	.1	37	14	540	2.61	2	5	ND	1	9	1	2	2	51	2.34	.029	4	51	.80	15	.10	6	1.16	.12	.08	2	12	5	2.1
TC35-1-65	1	144	3	37	.3	123	28	620	3.44	4	5	ND	1	11	1	2	2	77	2.75	.029	3	172	.84	80	.13	4	1.46	.11	.38	1	8	5	2.0
TC35-1-66	2	220	5	38	.3	131	36	603	3.91	2	5	ND	2	10	1	2	2	73	2.59	.030	4	168	.98	84	.13	4	1.45	.10	.41	1	4	5	1.7
TC35-1-67	1	103	3	45	.2	29	19	567	3.29	2	5	ND	2	5	1	2	2	72	1.33	.038	7	18	.74	7	.13	2	1.18	.13	.06	1	1	5	.7
TC35-1-68	1	22	2	32	.1	37	12	449	2.51	2	5	ND	1	7	1	2	2	51	1.51	.031	4	62	.86	34	.11	4	1.14	.12	.14	1	12	5	.5
TC35-1-69	1	148	10	44	.1	90	25	986	5.12	4	5	ND	1	21	1	2	2	65	5.04	.030	3	114	1.33	50	.11	3	2.41	.12	.23	1	15	5	.4
TC35-1-70	1	95	11	32	.1	85	21	865	4.01	7	5	ND	2	13	1	4	2	53	3.39	.023	3	92	.92	21	.08	4	1.73	.10	.10	1	3	5	.4
TC35-1-71	1	145	6	37	.1	80	22	790	3.57	2	5	ND	2	16	1	3	2	64	4.38	.033	4	132	.94	78	.11	6	1.58	.09	.34	2	8	5	1.3
TC35-1-72	1	4	6	35	.1	59	13	448	2.63	2	5	ND	1	10	1	2	2	35	1.62	.015	2	125	1.40	49	.12	5	1.54	.10	.22	1	45	5	2.4
STD C/AU-R	19	61	41	133	7.5	70	29	1179	4.19	45	19	9	39	53	19	16	22	58	.47	.087	40	59	.88	181	.07	32	1.78	.07	.15	11	480	1300	-

CO	MM	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AUS	H6	LDI
PPH	PPH	I	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	I	I	PPH	PPH	I	PPH	I	PPH	I	I	I	PPH	PPB	PPB	I
12	440	2.38	2	S	ND	1	12	1	2	2	47	2.50	.027	2	77	1.25	44	.11	2	1.45	.08	.18	1	15	10	2.6
9	233	1.59	2	S	ND	1	14	1	2	2	25	2.11	.021	2	102	.99	4	.08	4	1.14	.09	.03	1	20	20	3.0
9	218	1.57	2	S	ND	1	14	1	2	2	26	1.74	.017	2	101	.98	4	.08	2	1.16	.11	.03	1	17	5	2.6
9	397	1.71	4	S	ND	1	17	1	3	2	29	3.93	.013	2	87	.92	13	.07	5	1.09	.08	.09	1	4020	5	5.3
15	440	2.57	2	S	ND	1	12	1	2	2	50	2.66	.036	4	81	.88	41	.10	2	1.35	.10	.19	1	27	5	3.6
29	1042	3.99	40	17	7	38	52	18	16	19	58	.47	.086	39	60	.88	182	.07	38	1.88	.07	.13	12	525	1300	-