

CORE			SLUDGE			SLUDGE			
F _c	M _n	INSOL	F _c	M _n	INSOL	F _c	M _n	INSOL	
24.60	1.82	48.32	31.10	2.98	37.82	26.44	2.70	31.85	
13.40	1.50	72.15	31.90	2.87	38.97	27.39	3.16	40.96	
12.20	1.45	77.44	36.20	2.84	34.40	27.04	3.10	41.37	
6.60	1.16	80.63	31.25	2.81	42.42	21.59	2.96	43.56	
7.00	.57	36.86	34.50	3.01	39.76	24.45	4.64	41.42	
29.80	2.24	43.59	34.80	2.88	37.76	25.30	4.26	42.93	
5.20	.64	48.83	34.00	2.50	37.40	12.25	1.88	41.37	
7.80	.51	53.65	30.50	2.27	34.75	27.89	3.00	39.64	
14.20	1.05	69.67	14.30	.85	36.18	24.45	3.10	44.65	
25.50	2.32	50.81	14.90	1.33	40.30	14.89	1.64	47.70	
25.60	1.70	54.21	31.55	2.72	35.90	19.72	2.30	50.50	
17.30	2.42	69.40	18.60	2.00	38.37	23.41	2.30	49.00	
15.40	2.13	72.65	11.10	.82	40.53	22.94	1.68	30.95	
22.30	.62	59.76	10.00	.71	40.31	13.55	1.06	30.80	
25.70	1.92	54.90	17.05	1.96	37.77	20.46	1.56	46.32	
10.90	1.53	77.84	24.10	3.64	39.58	18.57	1.48	54.60	
26.10	1.99	55.29	35.31	2.98	39.93	16.58	1.33	38.04	
24.90	1.59	57.39	37.05	2.90	34.61	18.57	1.59	48.54	
25.90	2.70	54.67	37.70	2.47	33.48	24.83	2.26	44.34	
8.20	1.00	42.44	34.15	2.87	37.37	22.19	2.67	46.90	
20.70	.60	43.77	30.95	3.44	41.78	23.63	2.17	42.14	
25.80	3.16	53.84	24.90	3.44	45.15	26.41	2.14	48.80	
8.30	1.36	50.56	35.60	3.81	34.23	22.14	1.91	54.90	
8.00	1.22	41.85	42.20	3.27	28.26	20.75	1.62	58.60	
9.10	1.52	82.12	29.75	1.99	44.68	20.41	1.85	59.56	
10.00	3.92	77.65	17.55	1.96	47.70	21.25	2.38	54.94	
30.00	3.41	47.39	26.65	3.24	44.30	31.63	1.77	54.98	
33.50	1.78	47.98	22.80	2.36	49.75	29.29	1.64	45.24	
33.90	1.00	42.70	30.40	1.13	37.60	28.70	2.23	43.28	
37.10	.88	39.22	35.70	1.93	38.97	27.85	2.12	43.00	
AVERAGE-CORE			31.30	4.42	36.27	29.99	2.33	46.30	
F _c	M _n	INSOL.	32.70	1.25	37.11	27.51	2.70	46.24	
18.63	1.73	57.34	33.30	3.18	36.95	24.53	2.61	43.86	
			33.60	2.39	44.69	16.98	1.74	44.48	
			36.40	4.17	36.10	36.80	4.40	35.79	
			150	36.40	4.45	33.82	NO SAMPLE		
			155	34.10	4.32	39.62	AVERAGE SLUDGE		
			160	34.60	5.72	37.63	F _c	M _n	INSOL.
			165	33.80	2.78	40.50	27.25	1.38	41.16
			170	32.30	2.94	42.66			
			175	NO SAMPLE					
			176	28.88	2.44	27.40			
			180	30.13	3.48	33.76			
			185	29.28	2.30	39.00			
			190	31.13	2.28	35.76			
			195	26.46	1.42	31.06			
			200	26.79	2.44	40.50			
			205	29.33	2.48	37.46			
			210	37.67	2.00	40.20			
			215	33.17	1.68	39.26			
			220	32.52	3.50	40.26			
			225	31.37	2.34	39.12			
			230	31.42	1.90	40.80			
			235	31.47	2.04	43.08			

FIG-4-CORE & SLUDGE SAMPLES
 PIKES PEAK IRON DEPOSIT
 BY KAISER COMPING.