Table 20-2
Metallurgical Analysis of Test Pit Samples B 1998
(all values in tons per year)

PARAMETER (COMPONENT)	Estimated tons of each component in crude ore at 12.5 mltpy production of crude ore	Estimated tons of each component in concentrate at 12.5 mltpy production of crude ore	Estimated tons of each component in tailings at 12.5 mltpy production of crude ore	Estimated tons of each component in oxide pellets sent from pellet plant to DRI plant	Estimated tons of each component in DRI pellets sent from DRI plant to EAF
Oxides below were reported to MIS in weight percent, calculated here as tons per year:					
Fe_2O_3	3,292,500	2,624,073	680,536	3,712,398	25,529
FeO	1,936,686	1,079,574	841,994	14,951	2,620,800 (Fe, not FeO)
SiO2	6,060,000	49,747	5,982,969	62,551	61,325
Al2O3	29,875	6,684	24,715	3,799	4,190
CaO	86,125	3,911	101,558	24,483	25,612
MgO	385,625	6,342	380,647	6,677	7,603
Na2O	875	266	1,479	576	943
K2O	3,500	152	2,698	154	139
MnO2	41,125	2,392	42,555	2,456	2,581
P (Total)	2,500	418	2,176	614	388
S (Total)	1,250	266	1,566	115	166
TiO2	625	228	1,305	729	971
CO2	488,750	23,165	421,201	375	277
Trace elements below were reported to MIS in ppm, calculated here as tons per year:					
Ag	<0.01	0.01	0.01	0.00	0.01
As	1.54	1.05	0.51	0.96	1.01
Ba	0.98	0.38	1.11	0.35	0.29
Be	0.50	0.35	0.17	0.33	0.34
Cd	0.39	1.17	0.55	1.10	2.35
Cl	1099	33	203	41.45	27.47
F	1375	228	957	<191.88	<138.74
Cr (Total)	0.74	1.32	1.38	2.13	1.71
Co	3.59	3.25	0.79	2.91	3.12
Cu	12.11	3.41	1.89	3.48	3.45
Hg	<0.13	<0.04	<0.09	0.04	<0.03
Ni	0.13	<0.01	0.25	0.18	0.12
Pb	3.38	2.02	1.28	1.90	1.95
Se	2.05	1.33	0.77	1.29	1.36
Sn	1.59	1.28	0.86	1.12	1.15
V	1.83	1.31	0.59	1.28	1.34
Zn	8.18	3.79	3.14	3.80	3.72