



MEMORANDUM

To K. Blower

Date Jan. 2, 1986

Copies To T. Desanti, K.G. Thomas, D. Marion

Ref.

From B.C. Cross

Subject 1985 Arsenic Dust Shipments to Koppers

SHIPMENT NUMBER	DATE SHIPPED	NET DRY WT.(LBS)	GRADE % As203	WT.(LBS) of As203	GOLD OZS CONTAINED	As203 (\$US) VALUE
84-32	02-Jan	47,870	93.10%	44,567	2.154	\$891.35
84-33	04-Jan	47,294	90.12%	42,622	2.557	\$852.43
85-1	03-Jan	47,827	89.13%	42,628	2.870	\$852.56
85-2	05-Jan	41,874	93.59%	39,190	1.884	\$783.80
85-3	09-Jan	47,856	90.05%	43,094	2.880	\$861.89
85-4	10-Jan	41,853	92.56%	38,739	2.302	\$774.78
85-5	15-Jan	47,880	69.93%	33,482	7.182	\$669.63
85-6	17-Jan	47,866	61.37%	29,376	9.094	\$587.52
85-7	22-Jan	47,736	74.46%	35,543	6.922	\$710.86
85-8	25-Jan	47,914	77.47%	37,118	6.468	\$742.35
85-9	29-Jan	41,870	80.99%	33,912	4.396	\$678.23
85-10	05-Feb	47,918	88.04%	42,189	3.594	\$843.79
85-11	08-Feb	47,837	87.53%	41,871	3.588	\$837.42
85-12	19-Feb	47,794	86.02%	41,114	4.540	\$822.28
85-13	27-Feb	41,845	87.03%	36,416	3.766	\$728.33
85-14	28-Feb	41,887	84.52%	35,402	4.398	\$708.04
85-15	07-Mar	47,880	85.52%	40,948	5.267	\$818.96
85-16	13-Mar	47,933	71.94%	34,481	7.909	\$689.61
85-17	15-Mar	47,837	78.17%	37,393	5.740	\$747.86
85-18	21-Mar	47,746	79.17%	37,801	6.446	\$756.02
85-19	21-Mar	41,912	83.19%	34,864	3.353	\$697.29
85-20	25-Mar	41,895	85.19%	35,691	2.933	\$713.83
85-21	29-Mar	45,770	85.19%	38,992	2.975	\$779.85
85-22	01-Apr	47,880	88.19%	42,225	2.873	\$844.50
85-23	04-Apr	47,880	86.68%	41,504	2.633	\$830.09
85-24	11-Apr	47,914	88.19%	42,255	3.114	\$845.10
85-25	11-Apr	41,870	88.19%	36,925	2.722	\$738.50
85-26	15-Apr	47,904	78.56%	37,635	5.509	\$752.70
85-27	15-Apr	41,895	82.08%	34,386	3.980	\$687.72
85-28	26-Apr	47,875	81.07%	38,814	4.548	\$776.27
85-29	30-May	47,866	84.57%	40,481	3.111	\$809.61
85-30	01-Jun	41,845	86.08%	36,019	2.720	\$720.37
85-31	04-Jun	44,292	83.07%	36,792	2.658	\$735.84
85-32	06-Jun	47,693	84.57%	40,335	2.623	\$806.69
85-33	07-Jun	41,866	87.08%	36,457	1.884	\$729.13
85-34	11-Jun	47,837	88.07%	42,130	2.392	\$842.60
85-35	19-Jun	47,890	86.18%	41,272	3.113	\$825.45

SHIPMENT NUMBER	DATE SHIPPED	NET DRY WT. (LBS)	GRADE % As2O3	WT. (LBS) of As2O3	GOLD OZS CONTAINED	As2O3 (\$US) VALUE
85-36	18-Jun	41,824	84.19%	35,211	2.928	\$704.21
85-37	22-Jun	47,914	86.68%	41,534	2.875	\$830.67
85-38	25-Jun	46,428	86.68%	40,245	2.554	\$804.91
85-39	02-Jul	40,393	87.69%	35,420	2.020	\$708.39
85-40	02-Jul	35,490	90.20%	32,011	1.952	\$640.22
85-41	04-Jul	46,390	89.19%	41,377	2.088	\$827.54
85-42	10-Jul	40,462	92.71%	37,510	1.214	\$750.20
85-43	12-Jul	46,588	86.18%	40,151	2.795	\$803.02
85-44	17-Jul	47,918	88.19%	42,259	2.396	\$845.18
85-45	18-Jul	47,760	85.68%	40,921	2.866	\$818.42
85-46	21-Jul	47,808	88.19%	42,162	2.629	\$843.24
85-47	23-Jul	41,933	89.19%	37,401	2.097	\$748.02
85-48	31-Jul	47,794	84.69%	40,477	2.868	\$809.53
85-49	30-Jul	44,834	91.70%	41,113	1.793	\$822.26
85-50	06-Aug	41,924	87.69%	36,763	2.306	\$735.25
85-51	14-Aug	47,755	90.20%	43,074	2.149	\$861.47
85-52	16-Aug	47,746	91.08%	43,487	1.432	\$869.75
85-53	19-Aug	41,874	93.07%	38,974	1.466	\$779.48
85-54	21-Aug	43,912	95.58%	41,973	1.098	\$839.45
85-55	23-Aug	44,658	95.58%	44,658	1.116	\$853.71
85-56	27-Aug	41,786	96.09%	40,150	1.254	\$803.00
85-57	06-Sep	45,268	94.58%	42,815	1.584	\$856.29
85-58	06-Sep	47,774	93.58%	44,706	1.672	\$894.11
85-59	09-Sep	44,906	94.58%	42,472	1.347	\$849.43
85-60	10-Sep	41,941	94.94%	39,818	1.049	\$796.35
85-61	12-Sep	46,915	95.45%	44,782	1.173	\$895.63
85-62	14-Sep	47,808	96.47%	46,120	0.956	\$922.39
85-63	16-Sep	41,853	95.95%	40,159	1.046	\$803.19
85-64	19-Sep	47,837	93.42%	44,688	1.435	\$893.77
85-65	22-Sep	47,741	94.94%	45,324	1.194	\$906.47
85-66	24-Sep	47,717	93.92%	44,816	1.432	\$896.31
85-67	27-Sep	47,741	95.58%	45,632	1.194	\$912.65
85-68	01-Oct	41,861	95.08%	39,803	1.047	\$796.05
85-69	03-Oct	47,899	92.56%	44,336	1.197	\$886.71
85-70	05-Oct	41,929	96.09%	40,287	0.839	\$805.75
85-71	09-Oct	45,779	88.55%	40,536	1.373	\$810.71
85-72	11-Oct	47,760	90.29%	43,122	1.194	\$862.44
85-73	12-Oct	47,798	90.79%	43,397	1.195	\$867.93
85-74	16-Oct	41,937	90.79%	38,075	1.258	\$761.50
85-75	18-Oct	46,319	90.79%	42,053	1.390	\$841.06
85-76	21-Oct	41,786	96.84%	40,465	0.836	\$809.29
85-77	24-Oct	47,890	94.32%	45,168	1.197	\$903.35
85-78	01-Nov	45,992	96.84%	44,538	0.920	\$890.76
85-79	01-Nov	47,818	94.32%	45,100	0.956	\$901.99
85-80	01-Nov	41,857	95.83%	40,114	0.837	\$802.27

SHIPMENT NUMBER	DATE SHIPPED	NET DRY WT. (LBS)	GRADE % As203	WT. (LBS) of As203	GOLD OZS CONTAINED	As203 (\$US) VALUE
85-81	04-Nov	41,292	94.83%	39,157	0.826	\$783.15
85-82	05-Nov	47,942	94.32%	45,217	1.678	\$904.35
85-83	10-Nov	41,819	86.25%	36,069	2.091	\$721.37
85-84	15-Nov	47,856	84.40%	40,390	2.632	\$807.81
85-85	26-Nov	47,842	90.43%	43,265	2.631	\$865.30
85-86	26-Nov	45,673	88.93%	40,617	2.055	\$812.34
85-87	26-Nov	41,786	93.44%	39,047	1.671	\$780.93
85-88	28-Nov	45,830	87.93%	40,296	2.750	\$805.92
85-89	28-Nov	45,807	88.43%	40,506	2.519	\$810.12
85-90	29-Nov	45,903	84.90%	38,973	2.984	\$779.46
85-91	30-Nov	45,894	89.43%	41,044	2.754	\$820.87
85-92	09-Dec	39,952	83.90%	33,519	2.597	\$670.38
85-93	09-Dec	39,836	89.43%	35,626	1.992	\$712.51
85-94	09-Dec	45,871	86.25%	40,332	2.294	\$806.65
85-95	19-Dec	45,871	88.11%	40,417	2.523	\$808.34
85-96	19-Dec	45,807	95.20%	43,608	1.603	\$872.17
85-97	19-Dec	45,816	94.18%	43,151	1.604	\$863.03
85-98	20-Dec	39,888	92.67%	36,962	1.596	\$739.25
85-99	20-Dec	45,890 ^(21 T.)	93.68%	42,990	1.836	\$859.81
Y.T.D. TOTALS		2,286 Tons - 21	88.60% AVERAGE	2,026 Tons	259.95 Ounces	\$80,981.33 U.S.\$

Note: Shipment 85-99 is to be accounted as a 1986 shipment.

Production was 3881 tons.

Bryan C. Cross