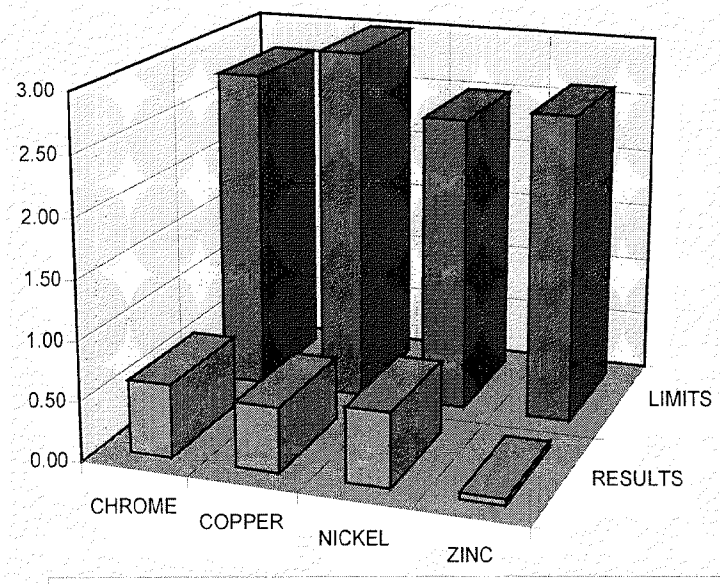
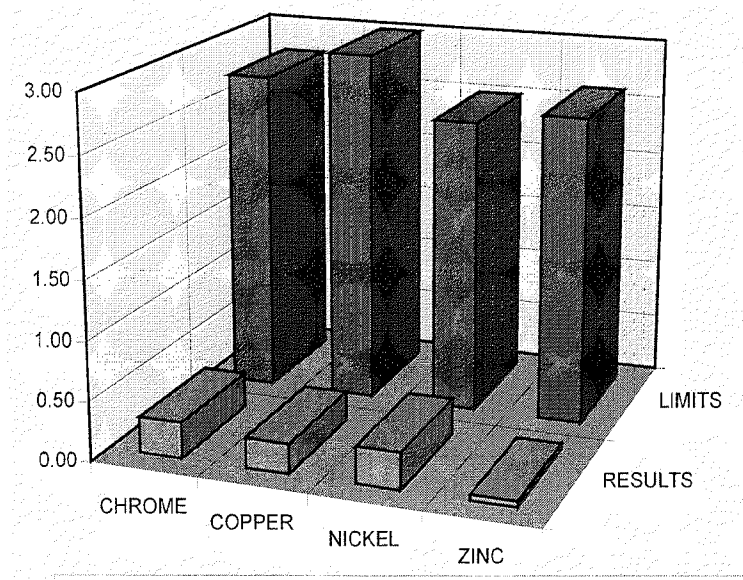
FEBRUARY
METRO LIMITS



ALASKAN COPPER WORKS
3200 FACILITY
FEBRUARY 3, 2000
COMPOSITE M63500



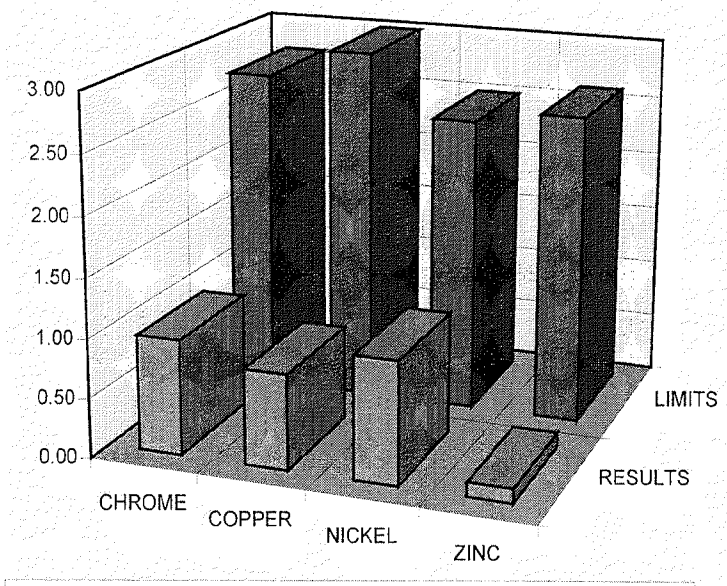
ALASKAN COPPER WORKS
3200 FACILITY
FEBRUARY 10, 2000
COMPOSITE M63545

VISUAL REPRESENTATION OF THE LAB RESULTS

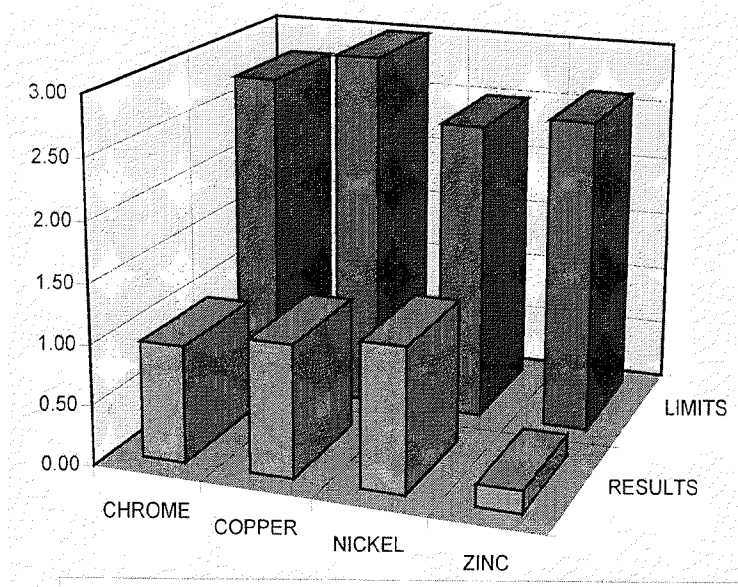
	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.61	0.54	0.62	0.05
LIMITS	2.75	3.00	2.50	2.61

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.30	0.25	0.31	0.05
LIMITS	2.75	3.00	2.50	2.61

FEBRUARY
METRO LIMITS



ALASKAN COPPER WORKS
3200 FACILITY
FEBRUARY 17, 2000
GRAB M63597

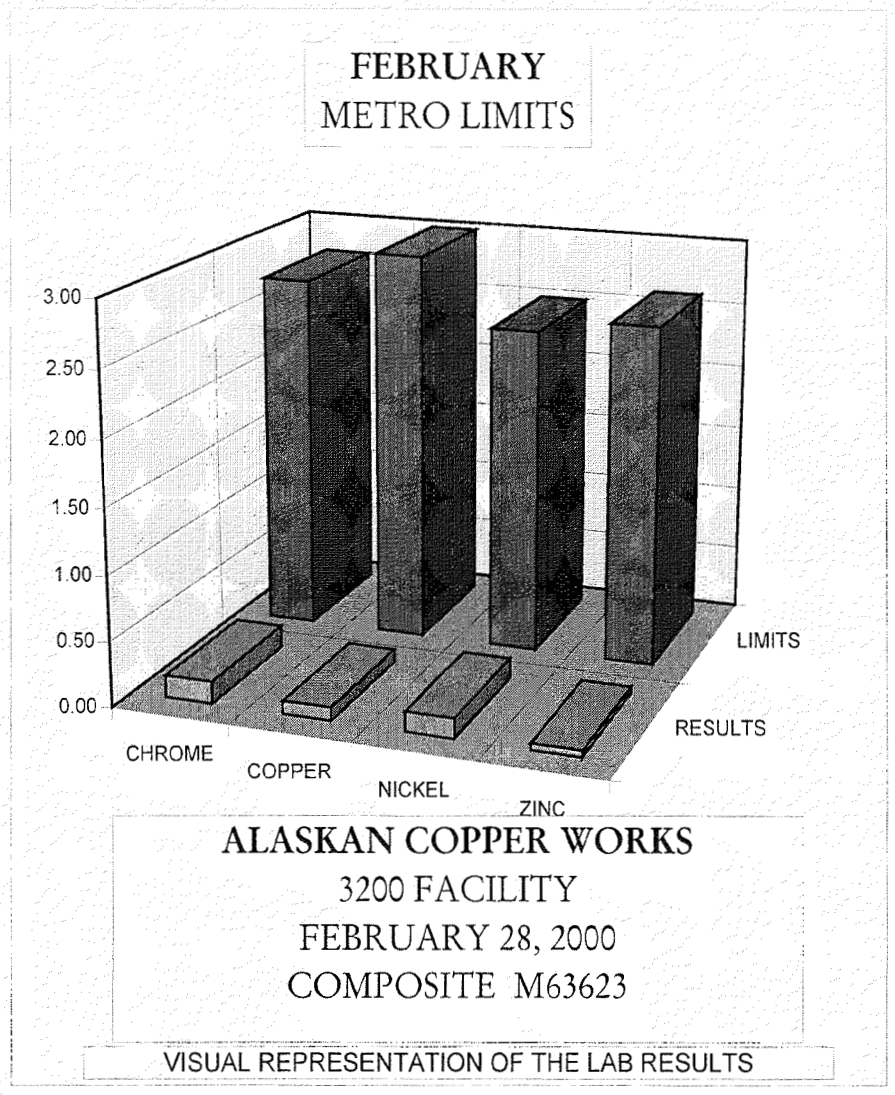


ALASKAN COPPER WORKS
3200 FACILITY
FEBRUARY 18, 2000
COMPOSITE M63606

VISUAL REPRESENTATION OF THE LAB RESULTS

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.97	0.80	1.03	0.12
LIMITS	2.75	3.00	2.50	2.61

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.97	1.10	1.20	0.18
LIMITS	2.75	3.00	2.50	2.61



	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.17	0.10	0.15	0.05
LIMITS	2.75	3.00	2.50	2.61

REF. DWG NO: 500-0007 REV. A 1594

DAILY LOG

DAY	DATE	TIME	CAUSTIC LEVEL	FLOC. LEVEL	pH READING PROCESS MONITOR	pH READING OUTPUT MONITOR	pH PAPER PROCESS MONITOR	pH PAPER OUTPUT MONITOR	FLOWMETER	CYCLES	TEMP F° LARGE TANK	TEMP F° SMALL TANK	TEMP F° OAKITE TANK	REVETMENT LARGE RINSE	REVETMENT LARGE ACID	REVETMENT SMALL TANKS	COMMENTS, PROBLEMS, & REMARKS (W/O#)
MONDAY	2/21	7 AM	11.7	11	11.84	9.42	—	—	1183	132	123	125	126				1448
		3 PM	10.9	10	10.45	10.04	—	—	1448	56	127	124	128				
		11PM	9.6	8	9.75	10.06	—	—	2475	114	126	120	128				
TUESDAY	2/22	7 AM	9.0	7	9.51	9.88	—	—	2861	204	124	124	124				
		3 PM	8.0	5	11.04	9.82	—	—	1125	60	123	121	125				
		11PM	7.5	3	10.25	10.09	—	—	1756	119	124	125	129				
WEDNESDAY	2/23	7 AM	7.2	3	11.33	10.02	—	—	2130	128	129	121	127				
		3 PM	12.2	17	9.92	9.96	—	—	620	34	126	121	125				
		11PM	10.9	15	10.94	10.06	—	—	2043	141	123	131	130				
THURSDAY	2/24	7 AM	10.6	13	9.50	9.89	—	—	2553	166	129	128	128				
		3 PM	10.1	12	9.55	9.78	—	—	516	30	121	126	127				
		11PM	9.0	10	9.51	9.77	—	—	1640	78	123	130	126				
FRIDAY	2/25	7 AM	9.1	10	10.10	9.79	—	—	1541	93	130	126	125				
		3 PM	8.0	7	9.69	9.76	—	—	791	43	128	128	129				
		11PM	6.2	5	11.11	9.75	—	—	1689	147	121	128	129				
SATURDAY																	
SUNDAY																	

AKC-0010208

REF. DWG NO. 500-0007 REV. A 1594

DAILY LOG

DAY	DATE	TIME	CAUSTIC LEVEL	FLOC. LEVEL	pH READING PROCESS MONITOR	pH READING OUTPUT MONITOR	pH PAPER PROCESS MONITOR	pH PAPER OUTPUT MONITOR	FLOWMETER	CYCLES	TEMP F° LARGE TANK	TEMP F° SMALL TANK	TEMP F° OAKITE TANK	REVETMENT LARGE RINSE	REVETMENT LARGE ACID	REVETMENT SMALL TANKS	COMMENTS,PROBLEMS,& REMARKS (W/O#)
MONDAY	2/14	7 AM	23.6	3	9.56	9.62	—	—	2247	218	129	128	125				
		3 PM	23.1	15	9.79	9.54	—	—	893	42	118	116	129				
		11PM	21.6	13	11.31	9.71	—	—	2159	138	127	124	126				
TUESDAY	2/15	7 AM	21.6	13	10.82	9.67	—	—	2387	142	124	122	125				
		3 PM															
		11PM	19.2	10	10.52	9.68	—	—	2402	158	124	121	125				
WEDNESDAY	2/16	7 AM	19	9	11.39	9.59	—	—	2546	173	122	125	123				
		3 PM	18.5	7	10.02	9.68	—	—	885	33	130	130	128				
		11PM	17.2	5	11.00	9.93	—	—	1719	101	125	122	129				
THURSDAY	2/17	7 AM	17.2	5	10.13	9.87	—	—	2114	120	122	122	123				
		3 PM	16.0	18	9.88	9.73			883	59	124	123	128				
		11PM	14.3	16	10.41	9.54	—	—	1794	183	122°	121°	129°				
FRIDAY	2/18	7 AM	13.8	15	10.22	9.54	—	—	2077	204	121	124	122				8877 - 489 = 1598 + 500 = 2098
		3 PM	13.2	14	10.36	9.71	—	—	887	16	125	131	128				
		11PM	12.2	12	9.91	9.74	—	—	1583	105	117	114					
SATURDAY			//														
SUNDAY																	

AKC-0010209

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REF. DWG NO. 500-0007 REV. A 1594

DAILY LOG

DAY	DATE	TIME	CAUSTIC LEVEL	FLOC. LEVEL	pH READING PROCESS MONITOR	pH READING OUTPUT MONITOR	pH PAPER PROCESS MONITOR	pH PAPER OUTPUT MONITOR	FLOWMETER	CYCLES	TEMP F° LARGE TANK	TEMP F° SMALL TANK	TEMP F° DAKITE TANK	REVETMENT LARGE RINSE	REVETMENT LARGE ACID	REVETMENT SMALL TANKS	COMMENTS,PROBLEMS,& REMARKS (W/O#)
MONDAY	2/7	7 AM	8.6	8	10.10	9.50	-	-	1583	84	105	120	104				
		3 PM	8.0	7	11.09	9.68	-	-	373	64	115	121	129				
		11PM	7.3	5	9.55	9.79	-	-	1401	158	119	130	127				
TUESDAY	2/8	7 AM	6.2	5	9.58	9.73	-	-	2109	181	136	133	125				
		3 PM	32.8	18	11.30	9.73	-	-	370	215?	119	127	127				
		11PM	32.2	15	10.81	9.80	-	-	1542	327?	122	121	125				
WEDNESDAY	2/9	7 AM	32.3	15	10.01	9.68	-	-	1872	339	121	121	121				
		3 PM	31.9	14	10.01	9.68	-	-	553	61	124	124	129				
		11PM	32.0	12	10.19	9.70	-	-	1619	192	122	121	130				
THURSDAY	2/10	7 AM	29.3	12	10.10	9.66	-	-	2239	240	127	130	122				
		3 PM	28.7	10	9.38	9.75	-	-	804	50	124	125	125				
		11PM	27.3	8	10.35	9.89	-	-	1778	136	124	126	125				
FRIDAY	2/11	7 AM	27.0	7	9.70	9.82	-	-	2091	149	125	123	123				
		3 PM	26.2	5	9.68	9.85	-	-	723	57	128	128	130				
		11PM	24.2	3	9.78	9.92	-	-	1499	182	125	125	130				
SATURDAY																	
SUNDAY																	

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AKC-0010210

REF. DWG NO. 500-0007 REV. A 1594

DAILY LOG

DAY	DATE	TIME	CAUSTIC LEVEL	FLOC. LEVEL	pH READING PROCESS MONITOR	pH READING OUTPUT MONITOR	pH PAPER PROCESS MONITOR	pH PAPER OUTPUT MONITOR	FLOWMETER	CYCLES	TEMP F° LARGE TANK	TEMP F° SMALL TANK	TEMP F° OAKITE TANK	REVETMENT LARGE RINSE	REVETMENT LARGE ACID	REVETMENT SMALL TANKS	COMMENTS,PROBLEMS,& REMARKS (W/O#)
MONDAY	1/31	7 AM	19.6	15	11.37	9.61	–	–	1763	138	72	75	75				
		3 PM	19.4	13	9.96	9.80	–	–	1345	27	88	88	116				
		11PM	18.2	8	9.05	10.19	–	–	2628	128	100	98	126				
TUESDAY	2/1	7 AM	17.6	8	11.28	9.97	–	–	3009	152	98	97	126				
		3 PM	17.0	7	11.14	9.78	–	–	631	21	108	114	126				
		11PM	15.7	5	10.03	9.96	–	–	1810	151	113	115	129				
WEDNESDAY	2/2	7 AM	15.3	5	9.94	9.85	–	–	2374	171	120	130	129				
		3 PM	15.0	20	10.29	9.77	–	–	571	29	124	123	127				
		11PM	13.0	16	11.35	9.94	–	–	1770	168	103	109	126				
THURSDAY	2/3	7 AM	13.0	15	11.62	9.85	–	–	1911	170	96	102	129				
		3 PM	12.2	14	11.09	9.54	–	–	720	[illegible]	90	96	127				
		11PM	11.2	12	9.71	10.01	–	–	1776	161	92	88	125				
FRIDAY	2/4	7 AM	11.2	12	9.82	9.97	–	–	2009	165	92	84	124				
		3 PM	10.6	11	10.84	9.85	–	–	514	10	105	82	128				
		11PM	9.8	10	11.95	9.78	–	–	1283	88	115	142	122				
SATURDAY	2/5	7:00	9.6	10	10.72	9.78	–	–	1497	93	101	129	103				
		1:00	9.1	9	10.17	10.00	–	–	982	61	115	114	94				
SUNDAY	2/6	[illegible]	8.6	8	10.10	9.50	–	–	1587	54	105	120	104				

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