

**TABLE 2-1a
SUMMARY OF NEWMONT DISCHARGE WATER QUALITY**

Total Concentration Statistics^{1,2,3}	TDS mg/l	TSS mg/l	Turb NTU	As mg/l	Cd mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Se mg/l
No. of Samples	61	52	59	180	180	180	180	181	180
Minimum	52	bdl	bdl	bdl	bdl	bdl	bdl	bdl	bdl
Average	354	4.0	0.66	0.026	0.001	0.047	0.0001	0.005	0.002
Maximum	695	25.3	5.19	0.250	0.008	0.700	0.0020	0.073	0.007
No. above Detection Limit	61	37	55	179	13	102	7	114	54
No. above NDEP Standard⁴	30	2	0	2	10	0	7	0	6
Maximum Detection Limit	NR	10	0.05	0.002	0.005	0.1	0.002	0.005	0.005
HUM-5 pre-discharge avg.⁵	314	86.5	30.21	0.008	0.003	2.31	0.0002	0.11	0.003
Maggie Creek upstream avg.⁶	309	22.0	10.55	0.012	0.001	0.581	0.0001	0.042	0.002
NDEP Permit 30-day avg.	350	20.0	20.00	0.050	0.002	1.0	0.000012	0.1	0.005
NDEP Permit Daily Max	400	30.0	50.00	0.050	0.009	1.0	0.0024	0.1	0.020

Source: Newmont, 1999; NDEP 1994.

¹ Samples from 1994 through 1998 for discharge above outfall.

² Average values were calculated assuming half detection limit for values below detection limit.

³ Samples collected generally weekly; TDS = total dissolved solids; TSS = total suspended solids; Turb. = turbidity; As = arsenic; Cd = cadmium; Fe = iron; Hg = mercury; Mn = manganese; Se = selenium; mg/l = milligrams per liter; NTU = nephelometric turbidity units; bdl = below detection limits.

⁴ Based on 30-day average standard

⁵ Humboldt River at Palisade Control Point; Average from 1990 through March 1994, before discharge into Maggie Creek started.

⁶ Location b in NDEP permit, 3 meter upstream from outfall