

Quivira Mining Company

P.O. Box 218, Grants, New Mexico, USA 87020

February 29, 2000

Certified Mail
Return Receipt Requested (P 268 361 157)

Mr. Kurt Vollbrecht
Groundwater Section
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

Re: **Discharge Plan - 71**
4th Quarter 1999 Report

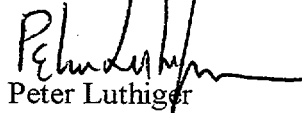
*Docket # -
40-8905*

Dear Mr. Vollbrecht,

Please find attached the 4th quarter monitoring reports as required by discharge plan, DP-71.

If you have any questions or need additional information, please call me at 287-8851, extension 205.

Regards,



Peter Luthiger
Supervisor, Radiation Safety
and Environmental Affairs

xc: T. Fletcher
P. Goranson
T. Essig (NRC-MD)
NRC-TX
file

NMSSOIPublic

Hydrological Monitoring Report Form
 Ambrosia Lake, New Mexico
 Section 4 Monitor Wells (DP-71)
 Page 1

Monitoring Well	Date	Depth To Water (feet)	Total Depth (feet)	Specific Conduct.	Temp. (C)	pH	Var. H2O	Cl mg/l	NO3(N) mg/l	SO4 mg/l	TDS mg/l
MW-1	08-Oct-99		39.20				Dry				
MW-2	08-Oct-99		38.70				Dry				
MW-3	08-Oct-99		37.90				Dry				
MW-4	08-Oct-99		35.80				Dry				
MW-5	08-Oct-99		38.70				Dry				
MW-6	08-Oct-99		38.60				Dry				
MW-7	08-Oct-99		38.73				Dry				
MW-8	08-Oct-99		38.69				Dry				
MW-9	08-Oct-99		38.80				Dry				
MW-10	08-Oct-99		39.27				Dry				
MW-11	08-Oct-99		36.21				Dry				
MW-12	08-Oct-99		18.33				Dry				
MW-13	04-Oct-99		29.50				Dry				
MW-14	08-Oct-99		47.50				Dry				
MW-15	08-Oct-99		39.74				Dry				
MW-16	08-Oct-99		38.22				Dry				
MW-17	08-Oct-99		43.49				Dry				
MW-18	05-Oct-99		54.80				Dry				
MW-19	05-Oct-99	45.17	48.33	3075	13.8	6.7	-0.16	307.0	8.1	1770	3490
MW-20	05-Oct-99		51.18				Dry				
MW-21	05-Oct-99		52.20				Dry				
MW-22	05-Oct-99	28.31	36.95	4025	13.2	7.4	-0.29	78.0	59.1	3250	5320
MW-23	05-Oct-99		41.90				Dry				
MW-24	05-Oct-99		50.23				Dry				
MW-25	08-Oct-99		29.78				Dry				
MW-26	05-Oct-99	35.30	35.43				Insuff H2O				
MW-27	04-Oct-99	26.80	28.15	3600	15.0	7.4	0.13	180.0	0.3	2550	4170
MW-28	04-Oct-99		32.64				Dry				
MW-29	04-Oct-99	28.17	29.38	3275	15.1	7.3	0.02	200.0	11.9	2160	3730
MW-30	04-Oct-99	41.17	42.50	3125	16.1	7.5	-1.12	102.0	23.5	2150	3700
MW-31	04-Oct-99	44.45	50.77	3150	14.0	7.1	0.05	78.0	5.1	2370	3850

Note --> A negative variance indicates a decrease in the depth to water level from the previous reading.
 A positive variance indicates an increase in the depth to water level from the previous reading.