


INTERNAL CORRESPONDENCE

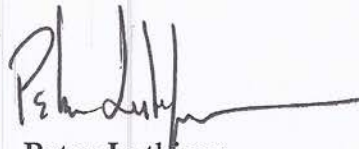
 QUIVIRA MINING COMPANY _____ (UNIT)	TO	A. Gebeau	DATE	May 7, 1993
	FROM	P. Luthiger	SUBJECT	Mine Reclamation Borrow Areas

In preparation for the **Section 24 mine** reclamation earthwork, several soil samples were collected from the proposed borrow area and analyzed for radium 226 content. This is being performed to ensure that clean alluvial cover material is being used.

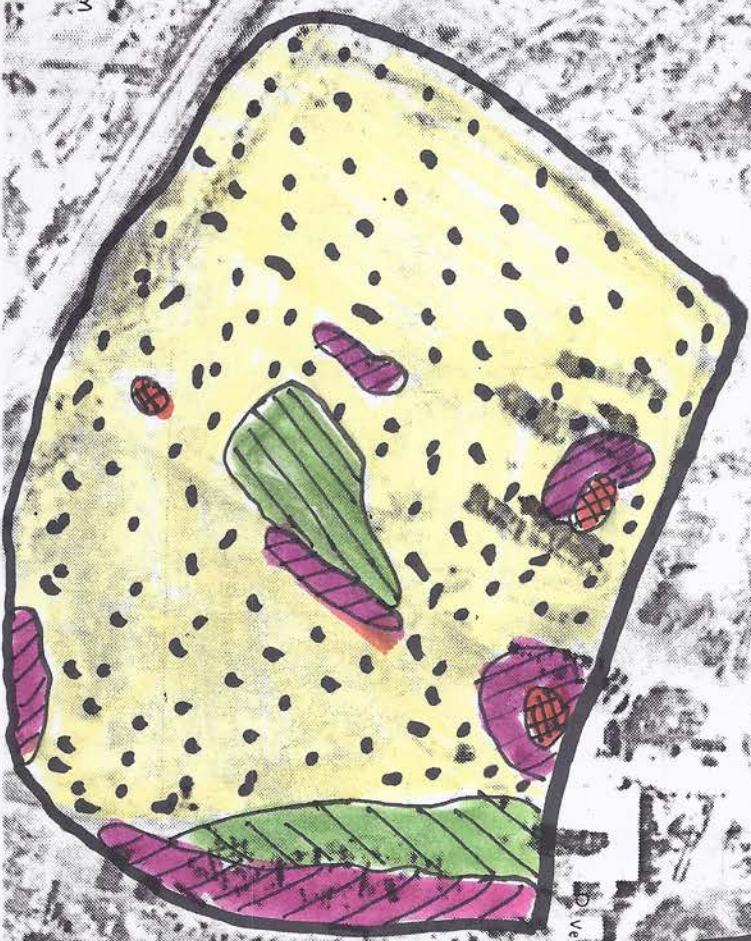
A total of thirteen (13) soil samples were collected from the borrow area; with an average radium 226 content of 4.1 picocuries per gram (pCi/g). The maximum concentration of 53.6 pCi/g was located southeast of ventilation hole #2.

A map delineating the borrow area and sampling points, along with the sample results are attached.

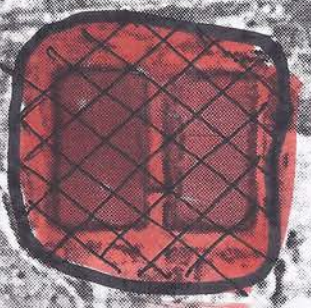
From the sampling, it appears that the borrow area will be acceptable for use as cover material with the borrow area modified to ensure that material near ventilation hole #2 is not used.


Peter Luthiger

xc: B. Ferdinand
file



Vent 1



Vent 2

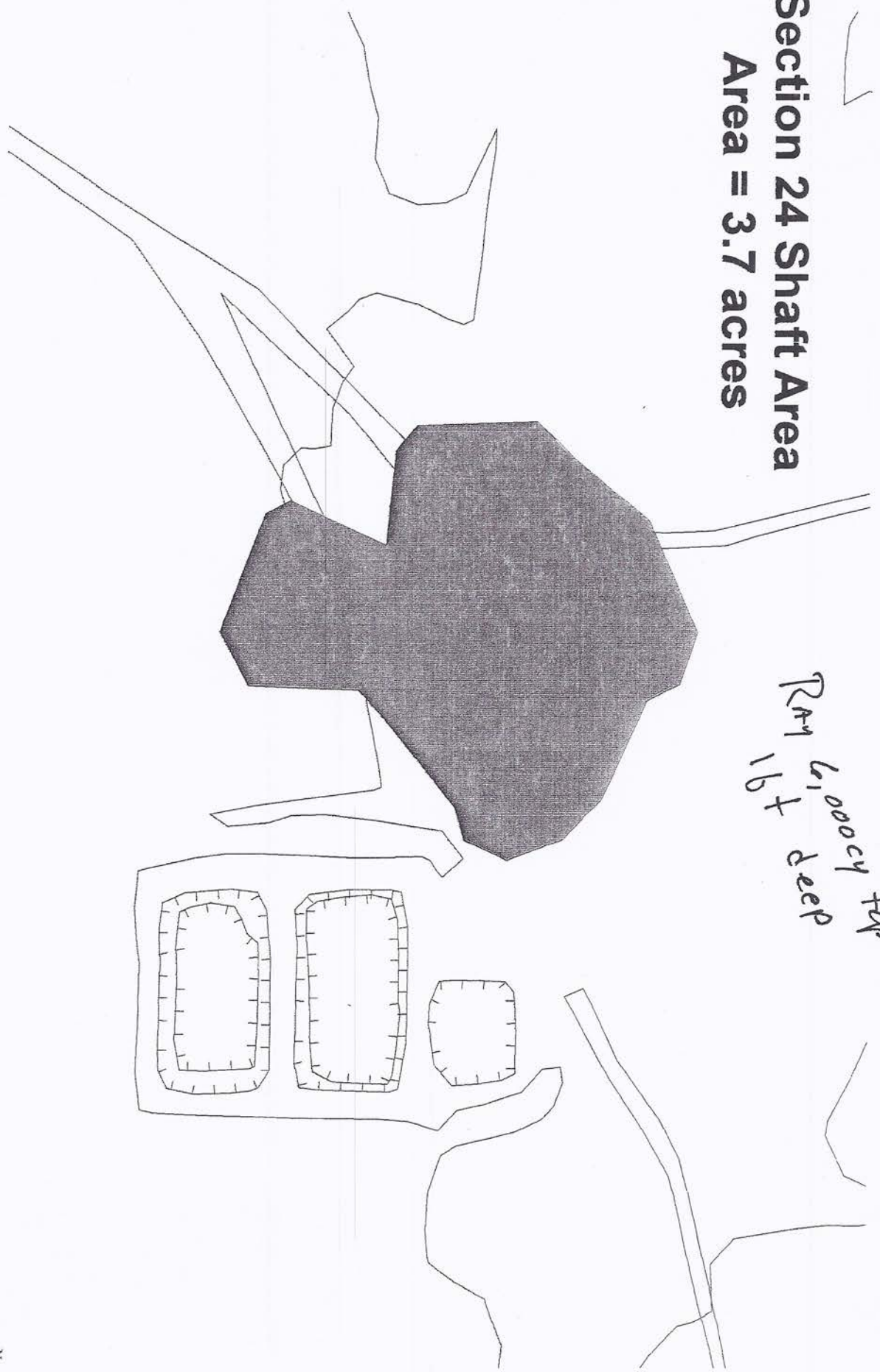
Vent 3

Section 24
Mine Site
Reclm.
3/1/94

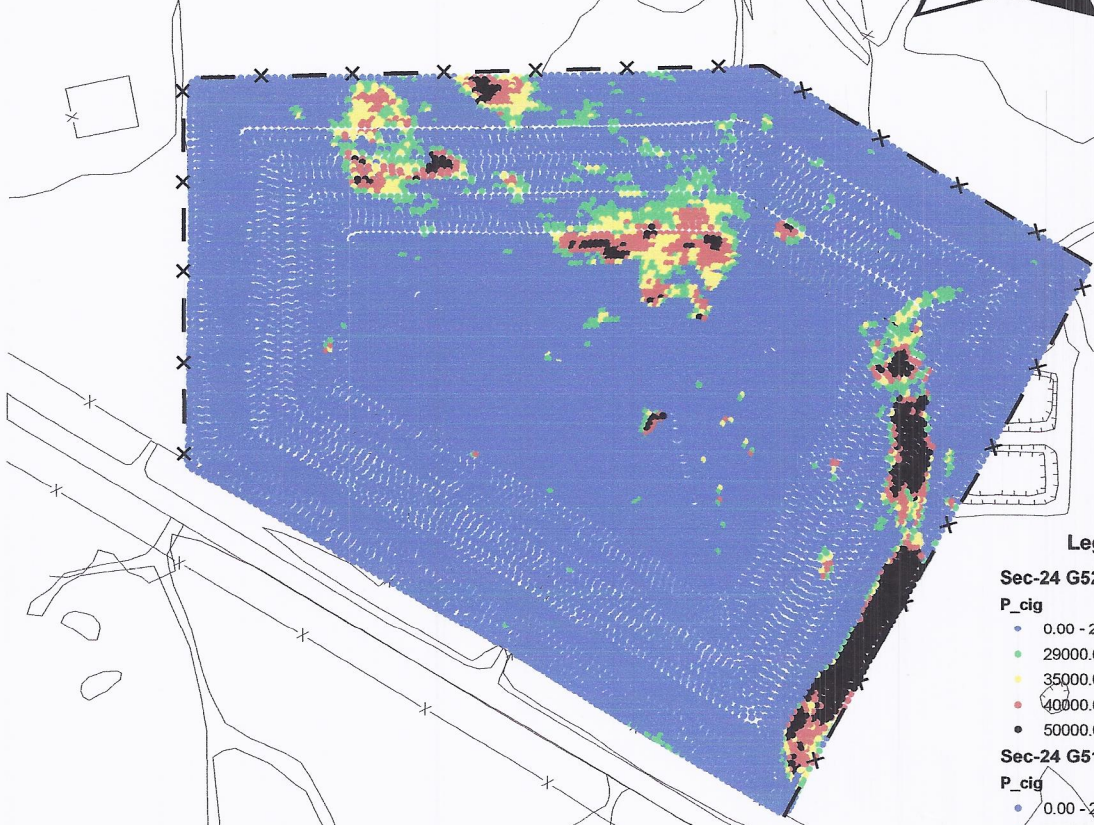
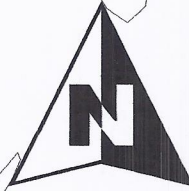
-  - 0-20 uR/hr
-  - 21-30 uR/hr
-  - 31-50 uR/hr
-  > 50 uR/hr

Section 24 Shaft Area
Area = 3.7 acres

*Ray
6,000cy top soil
16ft deep*



Section 24 GAMMA Surveys



Legend

Sec-24 G52512

P_cig

- 0.00 - 29000.00
- 29000.01 - 35000.00
- 35000.01 - 40000.00
- 40000.01 - 50000.00
- 50000.01 - 9999999.00

Sec-24 G51112

P_cig

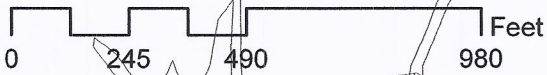
- 0.00 - 29000.00
- 29000.01 - 35000.00
- 35000.01 - 40000.00
- 40000.01 - 50000.00
- 50000.01 - 9999999.00

Sec-24 G51012

P_cig

- 0.00 - 29000.00
- 29000.01 - 35000.00
- 35000.01 - 40000.00
- 40000.01 - 50000.00
- 50000.01 - 9999999.00
- 1000 Year Channel

- Contours.shp
- Water.shp
- Roads.shp
- Bldg.shp
- Drainage.shp
- Fence.shp
- Swamp.shp



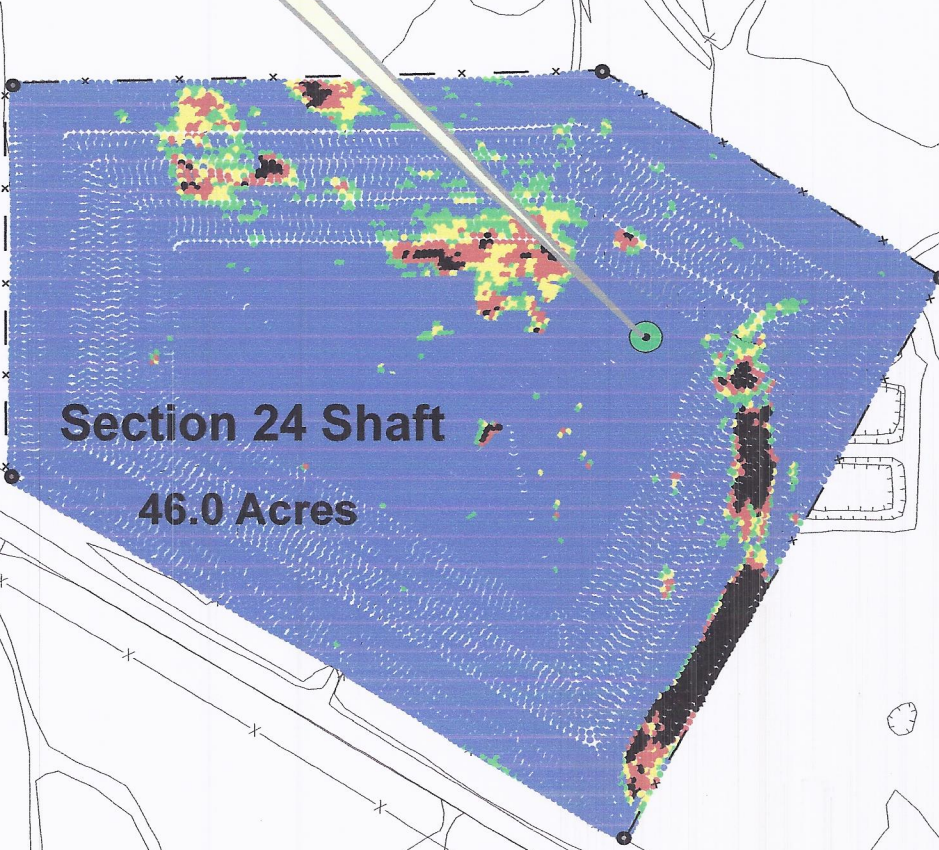
RAML mine site
Section 24
Gamma Survey

DATEC

RAML MINE SHAFT SITES

24Shaft

Reduce font size



Section 24 Shaft

46.0 Acres

Legend

- 35_shaft
- 33_shaft
- 30wshaft
- sec_30_shaft
- 24shaft
- 22shaft
- 19_shaft
- 17_shaft
- Sec-24 G52512
- P_cig
- 0.00 - 29000.00
- 29000.01 - 35000.00
- 35000.01 - 40000.00
- 40000.01 - 50000.00
- 50000.01 - 999999.00
- Sec-24 G51112
- P_cig
- 0.00 - 29000.00
- 29000.01 - 35000.00
- 35000.01 - 40000.00
- 40000.01 - 50000.00
- 50000.01 - 999999.00
- Sec-24 G51012
- P_cig
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