

DISTRICT	Rosebud
DIST_NO	4010
COUNTY	Pershing
If different from written on document	
TITLE	Rosebud Dozer Valley IP inversion model
If not obvious	from 200' DP- DP data, line 17 chargeability
AUTHOR	
DATE OF DOC(S)	1999
MULTI_DIST Y / N?	
Additional Dist. Nos:	
QUAD_NAME	Sulphur 7½'
P_M_C_NAME	Rosebud Mine; LAC Minerals U.S.A. Inc.
(mine, claim & company names)	Newmont Gold Co.
COMMODITY	gold; silver
If not obvious	
NOTES	Chargeability inversion model contour map; geophysics
	1 map
	Box 60

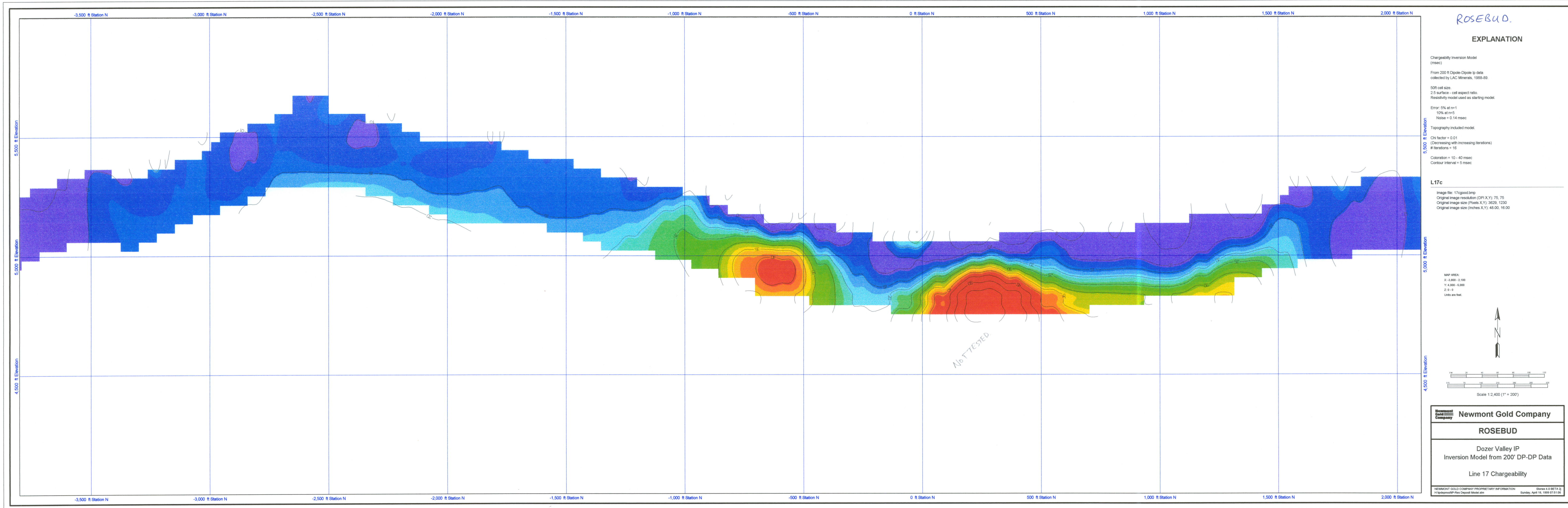
Keep docs at about 250 pages if no oversized maps attached  
(for every 1 oversized page (>11x17) with text reduce  
the amount of pages by ~25)

SS: DP 9/22/08  
Initials Date

DB: Initials Date

SCANNED: Initials Date





**ROSEBUD.**

**EXPLANATION**

Chargeability Inversion Model  
(msec)

From 200 ft Dipole-Dipole IP data  
collected by LAC Minerals, 1988-89.

50 ft cell size.  
2.5 surface - cell aspect ratio.  
Resistivity model used as starting model.

Error: 5% at n=1  
10% at n=5  
Noise = 0.14 msec

Topography included model.

Chi factor = 0.01  
(Decreasing with increasing iterations)  
# iterations = 16

Coloration = 10 - 40 msec  
Contour Interval = 5 msec

**L17c**

Image file: 17cgood.bmp  
Original image resolution (DPI X,Y): 75, 75  
Original image size (Pixels X,Y): 3629, 1230  
Original image size (Inches X,Y): 48.00, 16.00

MAP AREA:  
X: -3,500 - 2,100  
Y: 4,500 - 6,000  
Z: 0 - 0  
Units are feet.

Scale 1:2,400 (1" = 200')

**Newmont Gold Company**

**ROSEBUD**

Dozer Valley IP  
Inversion Model from 200' DP-DP Data

Line 17 Chargeability

NEWMONT GOLD COMPANY PROPRIETARY INFORMATION  
17cgoodmodel-Res Deposit Model.stm  
Stones 4.0 BETA 2  
Sunday, April 15, 1999 07:51:06