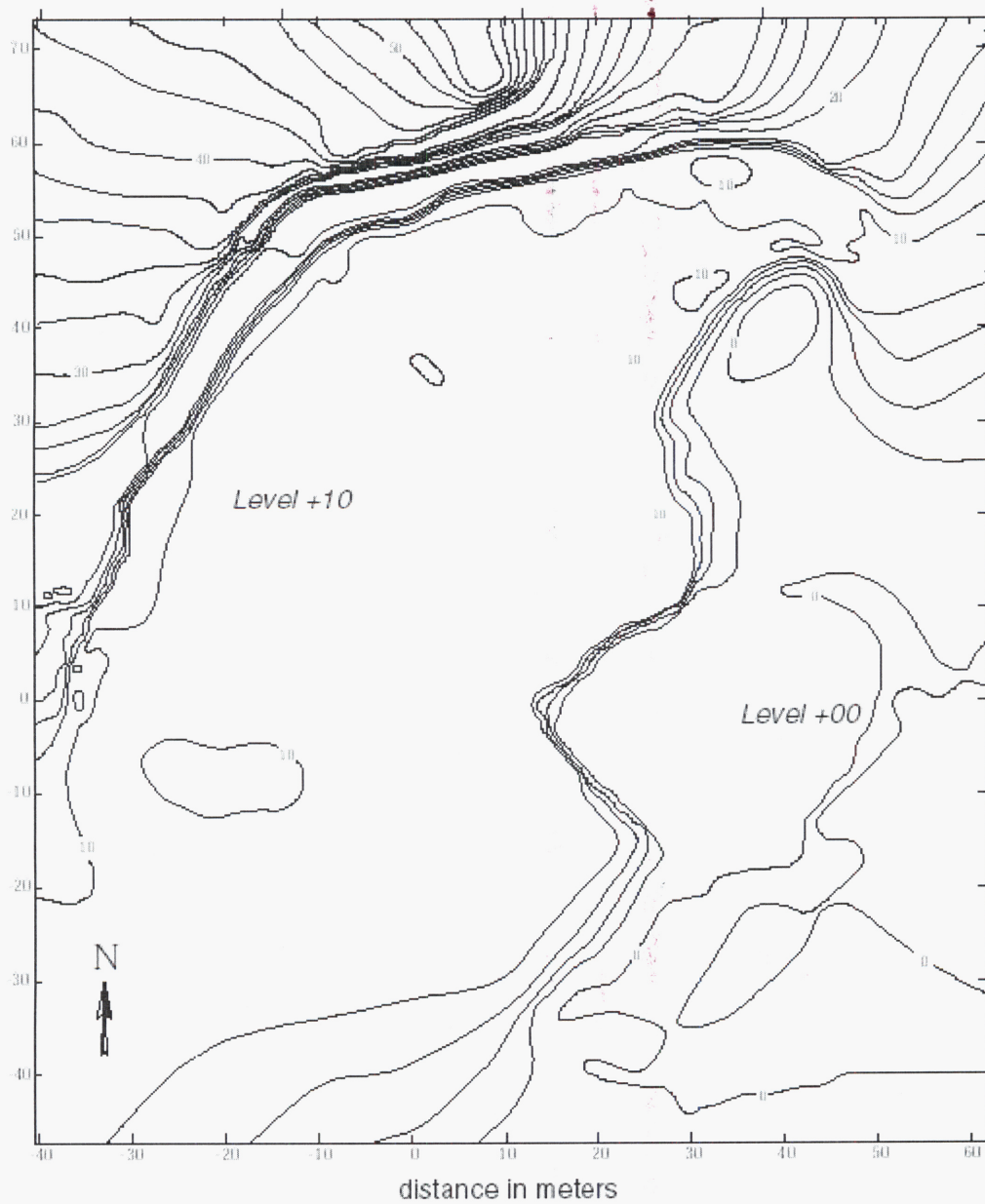
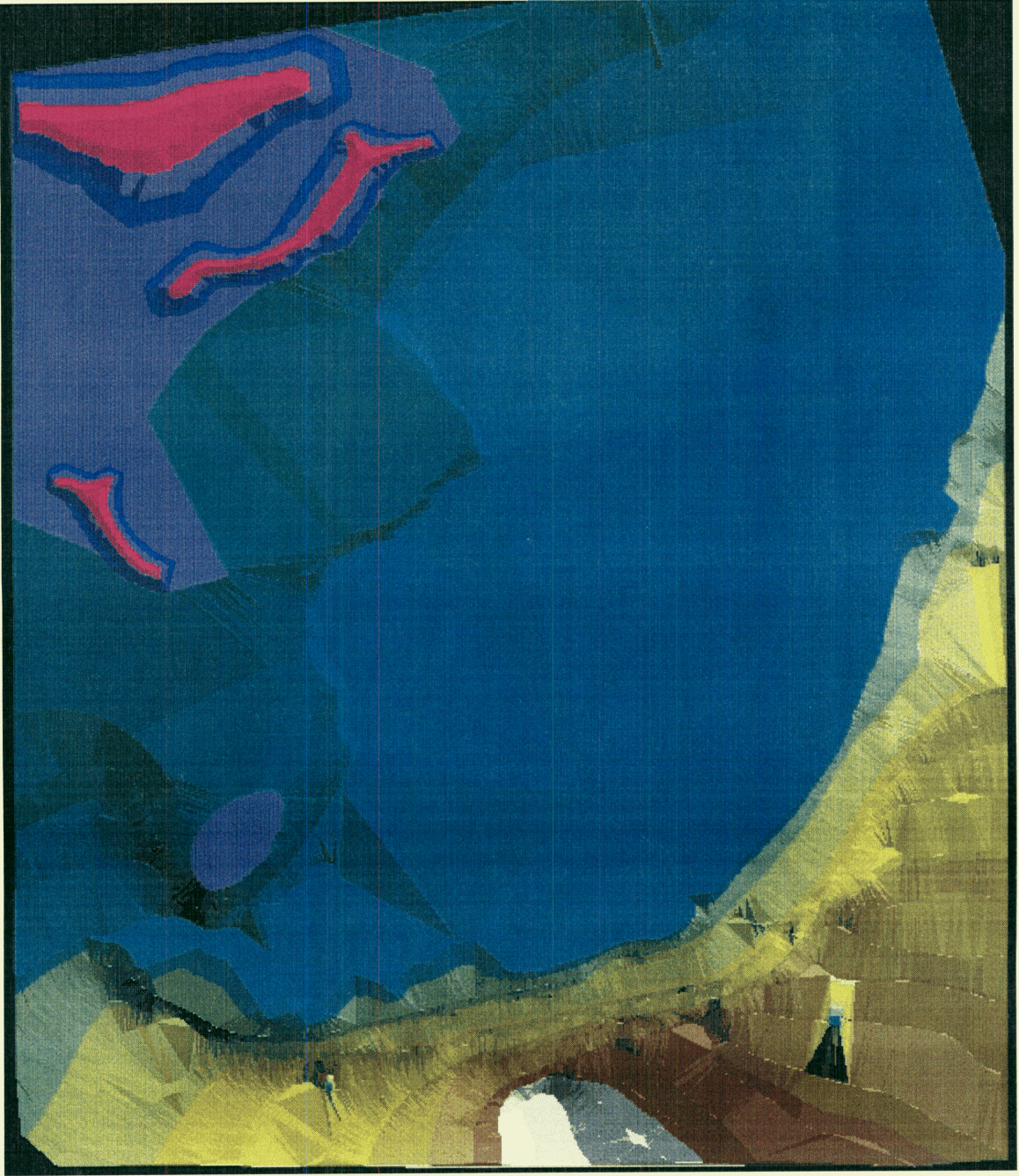


NOPAL 3D

Contour Map of Levels of Nopal I Uranium Site

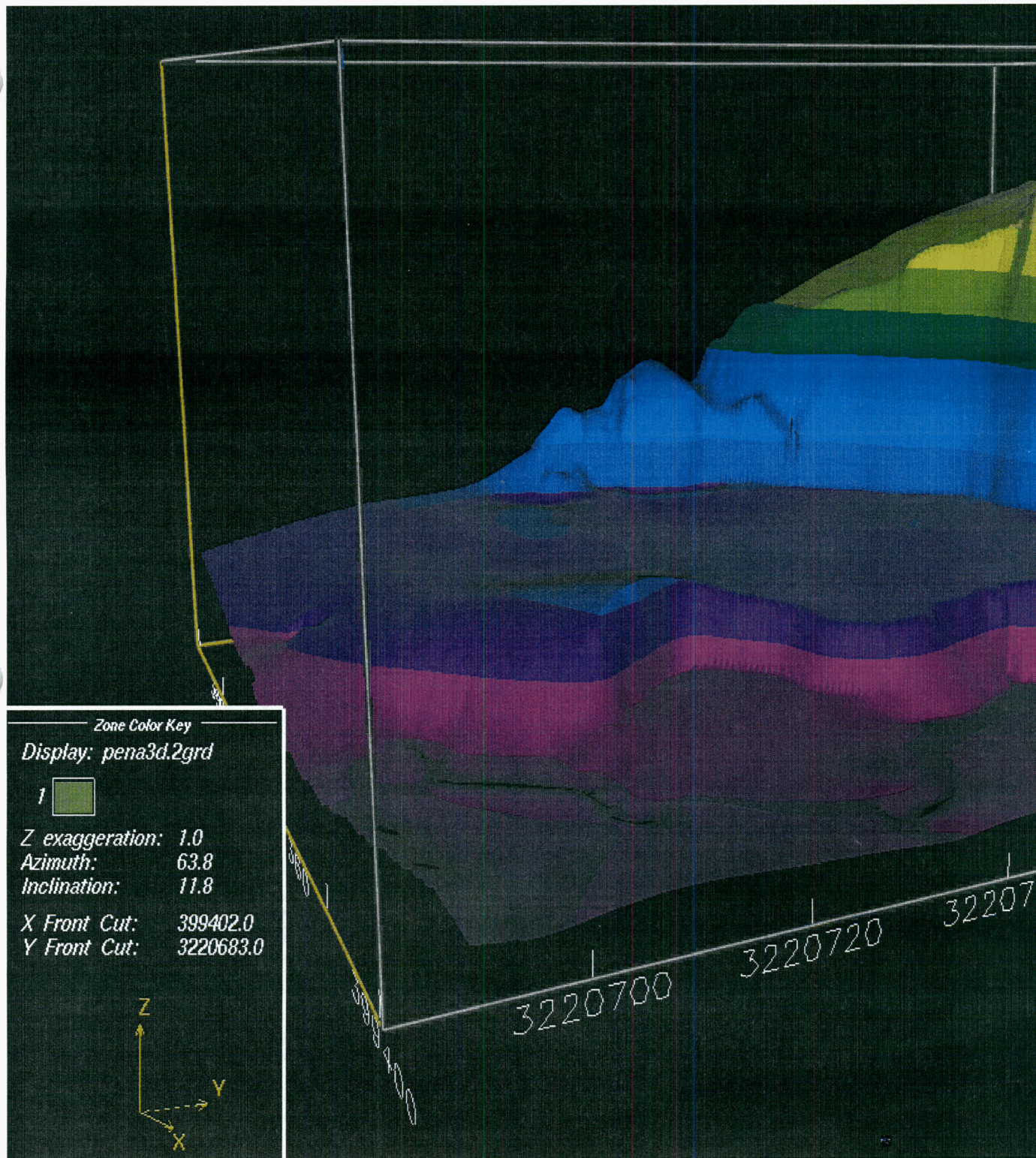


This contour map was used to build the TIN which produced the 3d Model.

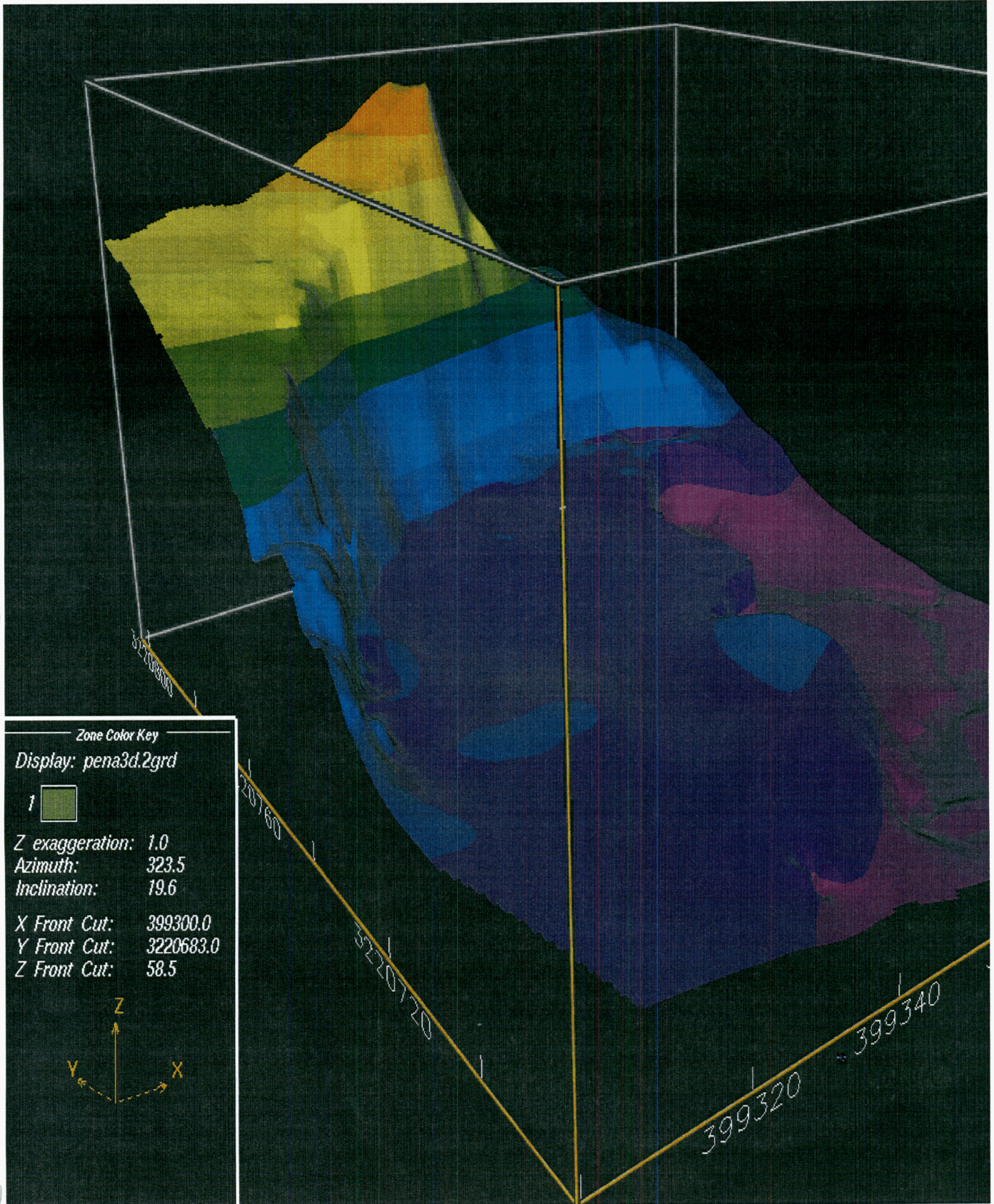


TIN of Nopal 1 Mine

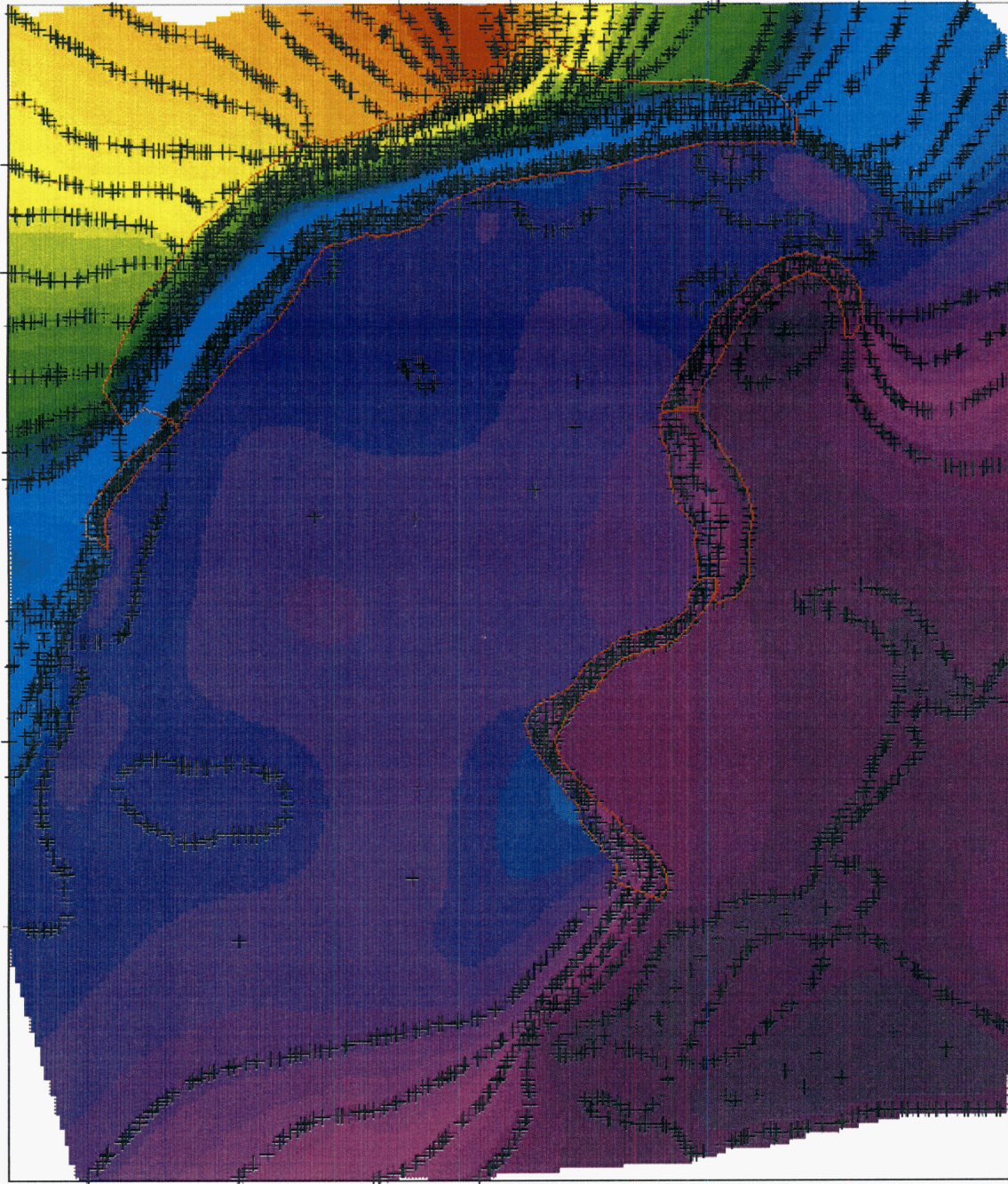
Front View of 3D Model



Side View of 3D Model



3D Model of Nopal 1 with XYZ Points



SPLITWASH

Karl Heinen's GIS Files
December 31, 1999

CD #1 GIS (pena_b, mexicoregional, newmexico)

1. pena_b

A. horizonfracdata:

- ArcView Files: olfracturemap- map used to edit current fracture map
mainfracturemap- map of main E/W fracture of Nopal
**view_pena_b - This file shows horizontal fracture map
edited and placement in Nopal. The theme "200frac.shp"
is the Excel file of fractures that, for each fracture contains:
location, aperture data, length, strike/dip, and geochemistry.
- Excel File: "fracmap.xls" - Contains data of the 200 horizontal fractures
including location, aperture, length, strike/dip, and
geochemistry.
- ArcInfo Files: Coverages displaying horizontal fracture data with and
without UTM coordinates and topography.
- horizonfracdata also contains old files I used to generate the above files.

B. verticalfracturedata:

- ArcInfo Files: Coverages displaying levels +00, +10, and +30 vertical
fracture data. Also contains export files imported from
Optronics.

C. nopaluranium:

- This directory contains files that display gamma readings, frequency,
and length of Nopal in raster and TIF formats.

D. pena_3d:

- ArcInfo Files: Coverages displaying files used to generate a 3D model
of Nopal including a 2D contour map, a 3D TIN model,
and the actual EarthVision 3D model labeled pena3d.wrl
- This directory contains images of the 2D contour map and the 3D TIN.

E. nopalcuesta:

- ArcInfo Files: Coverages displaying the surrounding areas of Nopal.
These coverages include data such as faults, geologic
contacts, strike/dip, contour lines, and roads.
- ArcView File: This file contains contours, roads, an airphoto, and
placement of the horizontal fracture map.
- Plates: These plates were sent by Ignacio Reyes and are difficult to
read.

2. mexicoregional:

This directory contains regional images of Nopal at a smaller scale. Included is geochemistry, structural geology, and a political map of the area.

3. newmexico:

This directory contains scanned images in raster and bitmap formats of New Mexico and Southern Nevada. I received the ArcView file from Ron Martin.

CD #2 (images)

1. images:

These files are jpeg, gif, and tif formats. They have all been extracted from the files I have collected.

Airphotos of Splitwash



Tape-List of Files

TAPE-LIST of FILES

drwxr-xr-x	8	7050	100	0	Sep	3	1999	heinen	
drwxr-xr-x	2	7050	100	0	Sep	3	1999	heinen/docs	
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-r-xr--r--	1	7050	100	191	Jun	9	1999	heinen/docs/lcc2utm.prj	
-rwxr--r--	1	7050	100	3832	Jun	26	1999	heinen/docs/mail_list.html	
-rwxr--r--	1	7050	100	2173	Jun	26	1999	heinen/docs/nc_dwg_files.txt.txt	
-rwxr--r--	1	7050	100	2051	Jun	9	1999	heinen/docs/optronics.txt	
-rwxr--r--	1	7050	100	1970	Jun	22	1999	heinen/docs/optronics2.txt	
-rwxr--r--	1	7050	100	785	Aug	13	1999	heinen/docs/phone list.txt	
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-rwxr--r--	1	7050	100	1567	Aug	5	1999	heinen/docs/plate2info.txt	
-rwxr--r--	1	7050	100	1426	Aug	5	1999	heinen/docs/plate5info.txt	
-rwxr--r--	1	7050	100	593	Jul	1	1999	heinen/docs/regforinc.txt	
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-rwxr--r--	1	7050	100	19456	Aug	17	1999	heinen/docs/table of contents.doc	
-r-xr--r--	1	7050	100	2061	Jul	26	1999	heinen/docs/tinpnt2ev.nawk	
-r-xr--r--	1	7050	100	1922	Jul	26	1999	heinen/docs/tinpnt2ev_with_exponents.nawk	
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-rwxr--r--	1	7050	100	3951826	Jul	6	1999	heinen/downloads/plate_1.exe	
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-rwxr--r--	1	7050	100	222	Jun	7	1999	heinen/gis/mexicoregional/dsr107n28.rsw	
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-rwxr--r--	1	7050	100	1065015	Aug	5	1999	heinen/gis/mexicoregional/nopal3d_af1.ps	
-rwxr--r--	1	7050	100	965454	Aug	5	1999	heinen/gis/mexicoregional/nopal3d_af2.ps	
-rwxr--r--	1	7050	100	795	Aug	5	1999	heinen/gis/mexicoregional/print_em_mail.txt	
-rwxr--r--	1	7050	100	6665754	Jun	28	1999	heinen/gis/mexicoregional/regionalgeology.bmp	
-rwxr--r--	1	7050	100	270740	Aug	5	1999	heinen/gis/mexicoregional/structgeol.gif	
drwxr-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/newmexico	
-rwxr--r--	1	7050	100	6527958	Jun	28	1999	heinen/gis/newmexico/alb_geo.bmp	
-r-xr--r--	1	7050	100	448172	Jun	9	1999	heinen/gis/newmexico/fig_r.ras	

-r-xr--r--	1	7050	100	222	Jun	9	1999	heinen/gis/newmexico/fig8_r.rsw
-r-xr--r--	1	7050	100	134	Jun	9	1999	heinen/gis/newmexico/fig9geo.lin
-r-xr--r--	1	7050	100	678716	Jun	9	1999	heinen/gis/newmexico/fig9utm_r.ras
-r-xr--r--	1	7050	100	222	Jun	9	1999	heinen/gis/newmexico/fig9utm_r.rsw
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-r-xr--r--	1	7050	100	222	Jun	9	1999	heinen/gis/newmexico/nm_dsr_z8.rsw
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-rwxr--r--	1	7050	100	291	Aug	12	1999	heinen/gis/newmexico/oit.dbg
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-r-xr--r--	1	7050	100	222	Jun	9	1999	heinen/gis/newmexico/vallesb5eq_r.blw
-r-xr--r--	1	7050	100	179	Jun	9	1999	heinen/gis/newmexico/vallesb5eq_r.hdr
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-rwxr--r--	1	7050	100	29292	Dec	22	1994	heinen/gis/pena_b/horizonfracdata/frac data sorted
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-rwxr--r--	1	7050	100	874360	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fract0.dbf
-rwxr--r--	1	7050	100	1108964	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fract0.shp
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-rwxr--r--	1	7050	100	54000	May	4	1995	heinen/gis/pena_b/horizonfracdata/fracture aperture analysis map
-rwxr--r--	1	7050	100	539570	Apr	21	1995	heinen/gis/pena_b/horizonfracdata/fracture map
-rwxr--r--	1	7050	100	1528762	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractures.lin
-rwxr--r--	1	7050	100	2037	Aug	8	1999	heinen/gis/pena_b/horizonfracdata/log
-rwxr--r--	1	7050	100	22895	Jan	11	1995	heinen/gis/pena_b/horizonfracdata/fracture mineralogy to sandy
-rwxr--r--	1	7050	100	1528762	Aug	11	1999	heinen/gis/pena_b/horizonfracdata/fractures2.lin
-rwxr--r--	1	7050	100	917500	Aug	11	1999	heinen/gis/pena_b/horizonfracdata/fractures2_2.lin
-rwxr--r--	3	7050	100	0	Sep	3	1999	heinen/gis/pena_b/horizonfracdata/fractutm
-rwxr--r--	1	7050	100	512896	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fractutm/aat.adf
-rwxr--r--	1	7050	100	1045444	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/arc.adf
-rwxr--r--	1	7050	100	128324	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/arc.adf
-rwxr--r--	1	7050	100	4888	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/arc.adf
-rwxr--r--	1	7050	100	1468	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/cnt.adf
-rwxr--r--	1	7050	100	32	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/cnx.adf
-rwxr--r--	1	7050	100	80	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/dblbnf.adf
-rwxr--r--	1	7050	100	80	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/dbltic.adf
-rwxr--r--	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/horizonfracdata/fractutm/info
-rwxr--r--	1	7050	100	0	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/info/arc.dir
-rwxr--r--	1	7050	100	100	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/lab.adf
-rwxr--r--	1	7050	100	475	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fractutm/log
-rwxr--r--	1	7050	100	393676	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/pal.adf
-rwxr--r--	1	7050	100	260	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/par.adf
-rwxr--r--	1	7050	100	4104	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/pat.adf
-rwxr--r--	1	7050	100	1468	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm/pax.adf
-rwxr--r--	1	7050	100	1266470	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fractutm.dbf
-rwxr--r--	1	7050	100	1430116	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fractutm.shp
-rwxr--r--	1	7050	100	128324	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fractutm.shx
-rwxr--r--	1	7050	100	946204	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm0.dbf
-rwxr--r--	1	7050	100	1108964	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm0.shp
-rwxr--r--	1	7050	100	95892	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fractutm0.shx
-rwxr--r--	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/horizonfracdata/fract_ai
-rwxr--r--	1	7050	100	910024	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fract_ai/aat.adf
-rwxr--r--	1	7050	100	602428	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fract_ai/arc.adf
-rwxr--r--	1	7050	100	95892	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fract_ai/arc.adf
-rwxr--r--	1	7050	100	16	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fract_ai/bnd.adf
-rwxr--r--	1	7050	100	115	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fract_ai/log
-rwxr--r--	1	7050	100	48	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/fract_ai/tic.adf
-rwxr--r--	1	7050	100	1592992	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fract_ai.dbf
-rwxr--r--	1	7050	100	1108964	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fract_ai.shp
-rwxr--r--	1	7050	100	95892	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/fract_ai.shx
-rwxr--r--	1	7050	100	594862	Aug	11	1999	heinen/gis/pena_b/horizonfracdata/fract_offset.lin
-rwxr--r--	1	7050	100	370388	Dec	30	1994	heinen/gis/pena_b/horizonfracdata/frac_data_for_transform_plot_3_
-rwxr--r--	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/horizonfracdata/frm_geo
-rwxr--r--	1	7050	100	11856	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo/aat.adf
-rwxr--r--	1	7050	100	24436	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo/arc.adf
-rwxr--r--	1	7050	100	1348	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo/arc.adf
-rwxr--r--	1	7050	100	16	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo/arc.adf
-rwxr--r--	1	7050	100	48	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo/arc.adf
-rwxr--r--	1	7050	100	11646	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo/bnd.adf
-rwxr--r--	1	7050	100	47524	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo/bnd.adf
-rwxr--r--	1	7050	100	1348	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo/dbf
-rwxr--r--	1	7050	100	47524	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo.shp
-rwxr--r--	1	7050	100	1348	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_geo.shx
-rwxr--r--	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/horizonfracdata/frm_utm
-rwxr--r--	1	7050	100	11856	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_utm/aat.adf
-rwxr--r--	1	7050	100	24436	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_utm/arc.adf
-rwxr--r--	1	7050	100	1348	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_utm/arc.adf
-rwxr--r--	1	7050	100	16	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_utm/arc.adf
-rwxr--r--	1	7050	100	48	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_utm/bnd.adf
-rwxr--r--	1	7050	100	11646	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_utm/bnd.adf
-rwxr--r--	1	7050	100	47524	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_utm/dbf
-rwxr--r--	1	7050	100	1348	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/frm_utm.shp
-rwxr--r--	1	7050	100	33843	Aug	30	1995	heinen/gis/pena_b/horizonfracdata/frm_utm.shx
-rwxr--r--	1	7050	100	1176665	Dec	30	1994	heinen/gis/pena_b/horizonfracdata/gam-aper.txt to janet
-rwxr--r--	1	7050	100	23960	Dec	30	1994	heinen/gis/pena_b/horizonfracdata/image 0
-rwxr--r--	1	7050	100	0	Sep	3	1999	heinen/gis/pena_b/horizonfracdata/image 1
-rwxr--r--	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/horizonfracdata/info
-rwxr--r--	1	7050	100	11020	Jun	11	1999	heinen/gis/pena_b/horizonfracdata/info/arc.dir
-rwxr--r--	1	7050	100	80	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/info/arc0000.dat
-rwxr--r--	1	7050	100	432	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/info/arc0000.nit
-rwxr--r--	1	7050	100	80	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/info/arc0001.dat
-rwxr--r--	1	7050	100	576	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/info/arc0001.nit
-rwxr--r--	1	7050	100	80	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/info/arc0002.dat
-rwxr--r--	1	7050	100	1872	Jun	7	1999	heinen/gis/pena_b/horizonfracdata/info/arc0002.nit

-fwxr--r--	1	7050	100	576	Jul	26	1999	heinen/gis/pena_b/info/arc0007.nit
-fwxr--r--	1	7050	100	80	Jul	26	1999	heinen/gis/pena_b/info/arc0008.dat
-fwxr--r--	1	7050	100	432	Jul	26	1999	heinen/gis/pena_b/info/arc0008.nit
-fwxr--r--	1	7050	100	260484	Jul	26	1999	heinen/gis/pena_b/info/arc0009.dat
-fwxr--r--	1	7050	100	1008	Jul	26	1999	heinen/gis/pena_b/info/arc0009.nit
-fwxr--r--	1	7050	100	72900	Jul	26	1999	heinen/gis/pena_b/info/arc0010.dat
-fwxr--r--	1	7050	100	1584	Jul	26	1999	heinen/gis/pena_b/info/arc0010.nit
-fwxr--r--	1	7050	100	80	Jul	26	1999	heinen/gis/pena_b/info/arc0011.dat
-fwxr--r--	1	7050	100	576	Jul	26	1999	heinen/gis/pena_b/info/arc0011.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0012.dat
-fwxr--r--	1	7050	100	432	Jul	27	1999	heinen/gis/pena_b/info/arc0012.nit
-fwxr--r--	1	7050	100	80	Jul	26	1999	heinen/gis/pena_b/info/arc0013.dat
-fwxr--r--	1	7050	100	576	Jul	26	1999	heinen/gis/pena_b/info/arc0013.nit
-fwxr--r--	1	7050	100	80	Jul	26	1999	heinen/gis/pena_b/info/arc0014.dat
-fwxr--r--	1	7050	100	576	Jul	26	1999	heinen/gis/pena_b/info/arc0014.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0015.dat
-fwxr--r--	1	7050	100	576	Jul	27	1999	heinen/gis/pena_b/info/arc0015.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0016.dat
-fwxr--r--	1	7050	100	432	Jul	27	1999	heinen/gis/pena_b/info/arc0016.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0017.dat
-fwxr--r--	1	7050	100	1008	Jul	27	1999	heinen/gis/pena_b/info/arc0017.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0018.dat
-fwxr--r--	1	7050	100	576	Jul	27	1999	heinen/gis/pena_b/info/arc0018.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0019.dat
-fwxr--r--	1	7050	100	1008	Jul	27	1999	heinen/gis/pena_b/info/arc0019.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0020.dat
-fwxr--r--	1	7050	100	576	Jul	27	1999	heinen/gis/pena_b/info/arc0020.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0021.dat
-fwxr--r--	1	7050	100	576	Jul	27	1999	heinen/gis/pena_b/info/arc0021.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0023.dat
-fwxr--r--	1	7050	100	576	Jul	27	1999	heinen/gis/pena_b/info/arc0023.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0024.dat
-fwxr--r--	1	7050	100	432	Jul	27	1999	heinen/gis/pena_b/info/arc0024.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0025.dat
-fwxr--r--	1	7050	100	432	Jul	27	1999	heinen/gis/pena_b/info/arc0025.nit
-fwxr--r--	1	7050	100	80	Jul	27	1999	heinen/gis/pena_b/info/arc0026.dat
-fwxr--r--	1	7050	100	432	Jul	27	1999	heinen/gis/pena_b/info/arc0026.nit
drwxr--xr-x	20	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcueta
-fwxr--r--	1	7050	100	254	Aug	3	1999	heinen/gis/pena_b/nopalcueta/ae_show_layers.aml
drwxr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcueta/airphotodrapes
-fwxr--r--	1	7050	100	2523883	Aug	5	1999	heinen/gis/pena_b/nopalcueta/airphotodrapes/nop300af_drape.ps
-fwxr--r--	1	7050	100	1065014	Aug	5	1999	heinen/gis/pena_b/nopalcueta/airphotodrapes/nopal3d_af1.ps
-fwxr--r--	1	7050	100	965453	Aug	5	1999	heinen/gis/pena_b/nopalcueta/airphotodrapes/nopal3d_af2.ps
drwxr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm
-fwxr--r--	1	7050	100	27336	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/aat.adf
-fwxr--r--	1	7050	100	984060	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/arc.adf
-fwxr--r--	1	7050	100	6532	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/arc.adf
-fwxr--r--	1	7050	100	16	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/bnd.adf
-fwxr--r--	1	7050	100	1040	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/cnt.adf
-fwxr--r--	1	7050	100	476	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/cnx.adf
-fwxr--r--	1	7050	100	100	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/lab.adf
-fwxr--r--	1	7050	100	254	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/log
-fwxr--r--	1	7050	100	21264	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/pal.adf
-fwxr--r--	1	7050	100	752	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/pat.adf
-fwxr--r--	1	7050	100	476	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/pax.adf
-fwxr--r--	1	7050	100	48	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/tic.adf
-fwxr--r--	1	7050	100	24	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/tol.adf
-fwxr--r--	1	7050	100	78384	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/txt.adf
-fwxr--r--	1	7050	100	38340	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cont_utm/txx.adf
drwxr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcueta/cuestatin
-fwxr--r--	1	7050	100	96	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuestatin/tdenv.adf
-fwxr--r--	1	7050	100	711288	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuestatin/tedg.adf
-fwxr--r--	1	7050	100	404	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuestatin/thul.adf
-fwxr--r--	1	7050	100	7532	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuestatin/tmsk.adf
-fwxr--r--	1	7050	100	116	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuestatin/tmsx.adf
-fwxr--r--	1	7050	100	711288	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuestatin/tnod.adf
-fwxr--r--	1	7050	100	474240	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuestatin/tnxy.adf
-fwxr--r--	1	7050	100	118560	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuestatin/tnz.adf
-fwxr--r--	1	7050	100	1215118	Jul	26	1999	heinen/gis/pena_b/nopalcueta/cuesta_tin.dat
-fwxr--r--	1	7050	100	2163432	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuesta_tin.pnt
-fwxr--r--	1	7050	100	1215087	Jul	27	1999	heinen/gis/pena_b/nopalcueta/cuesta_tin.txt
drwxr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo
-fwxr--r--	1	7050	100	29376	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo/aat.adf
-fwxr--r--	1	7050	100	318292	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo/arc.adf
-fwxr--r--	1	7050	100	7444	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo/arc.adf
-fwxr--r--	1	7050	100	16	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo/bnd.adf
-fwxr--r--	1	7050	100	1768	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo/log
-fwxr--r--	1	7050	100	48	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo/tic.adf
-fwxr--r--	1	7050	100	120	Aug	11	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo/tol.adf
-f--xr--r--	1	7050	100	731699	Jul	26	1999	heinen/gis/pena_b/nopalcueta/cuesta_topo.e00
drwxr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm
-fwxr--r--	1	7050	100	4720	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/aat.adf
-fwxr--r--	1	7050	100	92308	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/arc.adf
-fwxr--r--	1	7050	100	1044	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/arc.adf
-fwxr--r--	1	7050	100	16	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/bnd.adf
-fwxr--r--	1	7050	100	660	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/cnt.adf
-fwxr--r--	1	7050	100	324	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/cnx.adf
-fwxr--r--	1	7050	100	100	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/lab.adf
-fwxr--r--	1	7050	100	124	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/log
-fwxr--r--	1	7050	100	3968	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/pal.adf
-fwxr--r--	1	7050	100	448	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/pat.adf
-fwxr--r--	1	7050	100	324	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/pax.adf
-fwxr--r--	1	7050	100	48	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/tic.adf
-fwxr--r--	1	7050	100	24	Aug	3	1999	heinen/gis/pena_b/nopalcueta/cult_utm/tol.adf
-fwxr--r--	1	7050	100	11646	Jun	7	1999	heinen/gis/pena_b/nopalcueta/frm_geo.dbf
-fwxr--r--	1	7050	100	47524	Jun	7	1999	heinen/gis/pena_b/nopalcueta/frm_geo.shp
-fwxr--r--	1	7050	100	1348	Jun	7	1999	heinen/gis/pena_b/nopalcueta/frm_geo.shx
drwxr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcueta/frm_utm
-fwxr--r--	1	7050	100	27076	Aug	2	1999	heinen/gis/pena_b/nopalcueta/frm_utm/aat.adf
-fwxr--r--	1	7050	100	46516	Aug	2	1999	heinen/gis/pena_b/nopalcueta/frm_utm/arc.adf
-fwxr--r--	1	7050	100	7836	Aug	2	1999	heinen/gis/pena_b/nopalcueta/frm_utm/arc.adf
-fwxr--r--	1	7050	100	16	Aug	3	1999	heinen/gis/pena_b/nopalcueta/frm_utm/bnd.adf
-fwxr--r--	1	7050	100	14884	Aug	2	1999	heinen/gis/pena_b/nopalcueta/frm_utm/lab.adf
-fwxr--r--	1	7050	100	244	Aug	3	1999	heinen/gis/pena_b/nopalcueta/frm_utm/log
-fwxr--r--	1	7050	100	48	Aug	3	1999	heinen/gis/pena_b/nopalcueta/frm_utm/tic.adf
-fwxr--r--	1	7050	100	11646	Jun	7	1999	heinen/gis/pena_b/nopalcueta/frm_utm/dbf
-fwxr--r--	1	7050	100	47524	Jun	7	1999	heinen/gis/pena_b/nopalcueta/frm_utm.shp
-fwxr--r--	1	7050	100	1348	Jun	7	1999	heinen/gis/pena_b/nopalcueta/frm_utm.shx
drwxr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcueta/geol_utm
-fwxr--r--	1	7050	100	10600	Aug	3	1999	heinen/gis/pena_b/nopalcueta/geol_utm/aat.adf
-fwxr--r--	1	7050	100	49812	Aug	3	1999	heinen/gis/pena_b/nopalcueta/geol_utm/arc.adf
-fwxr--r--	1	7050	100	2220	Aug	3	1999	heinen/gis/pena_b/nopalcueta/geol_utm/arc.adf
-fwxr--r--	1	7050	100	16	Aug	3	1999	heinen/gis/pena_b/nopalcueta/geol_utm/bnd.adf

-rwxc	-r--	1	7050	100	2644	Aug	5	1999	heinen/gis/pena_b/nopalcuesta/nopalplates/platelinfo.txt
-rwxc	-r--	1	7050	100	14608379	Jul	26	1999	heinen/gis/pena_b/nopalcuesta/nopalplates/plate2.dxf
-rwxc	-r--	1	7050	100	1567	Aug	5	1999	heinen/gis/pena_b/nopalcuesta/nopalplates/plate2info.txt
-rwxc	-r--	1	7050	100	1821014	Jul	26	1999	heinen/gis/pena_b/nopalcuesta/nopalplates/plate5.dxf
-rwxc	-r--	1	7050	100	1426	Aug	5	1999	heinen/gis/pena_b/nopalcuesta/nopalplates/plate5info.txt
-rwxc	-r--	1	7050	100	31260174	Jul	2	1999	heinen/gis/pena_b/nopalcuesta/nopalplates/plate_1.dxf
-rwxc	-r--	1	7050	100	16746093	Jul	2	1999	heinen/gis/pena_b/nopalcuesta/nopalplates/plate_2.dxf
-rwxc	-r--	1	7050	100	2083788	Jul	2	1999	heinen/gis/pena_b/nopalcuesta/nopalplates/plate_5.dxf
-rwxc	-r--	1	7050	100	222	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopal_v0.rcw
drwxr	-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcuesta/nopdx
-rwxc	-r--	1	7050	100	144672	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/aat.adf
-rwxc	-r--	1	7050	100	2365620	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/arc.adf
-rwxc	-r--	1	7050	100	36268	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/arc.adf
-rwxc	-r--	1	7050	100	53592	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/cnt.adf
-rwxc	-r--	1	7050	100	14612	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/cnx.adf
-rwxc	-r--	1	7050	100	32	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/dblnd.adf
-rwxc	-r--	1	7050	100	80	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/dbltic.adf
-rwxc	-r--	1	7050	100	121772	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/dxf.txt
-rwxc	-r--	1	7050	100	4964	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/dxf.txx
-rwxc	-r--	1	7050	100	37900	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/lab.adf
-rwxc	-r--	1	7050	100	217	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/log
-rwxc	-r--	1	7050	100	188684	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/pal.adf
-rwxc	-r--	1	7050	100	260	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/par.adf
-rwxc	-r--	1	7050	100	43536	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/pat.adf
-rwxc	-r--	1	7050	100	14612	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nopdx/pax.adf
drwxr	-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcuesta/nop_box_dig
-rwxc	-r--	1	7050	100	28	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_box_dig/aat.adf
-rwxc	-r--	1	7050	100	172	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_box_dig/arc.adf
-rwxc	-r--	1	7050	100	108	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_box_dig/arc.adf
-rwxc	-r--	1	7050	100	16	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_box_dig/bnd.adf
-rwxc	-r--	1	7050	100	116	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_box_dig/log
-rwxc	-r--	1	7050	100	48	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_box_dig/tic.adf
-rwxc	-r--	1	7050	100	82	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_box_dig.lin
drwxr	-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcuesta/nop_cont
-rwxc	-r--	1	7050	100	27336	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/aat.adf
-rwxc	-r--	1	7050	100	984060	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/arc.adf
-rwxc	-r--	1	7050	100	6532	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/arc.adf
-rwxc	-r--	1	7050	100	16	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/bnd.adf
-rwxc	-r--	1	7050	100	1040	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/cnt.adf
-rwxc	-r--	1	7050	100	476	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/cnx.adf
-rwxc	-r--	1	7050	100	100	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/lab.adf
-rwxc	-r--	1	7050	100	66	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/log
-rwxc	-r--	1	7050	100	17424	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/pal.adf
-rwxc	-r--	1	7050	100	752	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/pat.adf
-rwxc	-r--	1	7050	100	476	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/pax.adf
-rwxc	-r--	1	7050	100	48	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/tic.adf
-rwxc	-r--	1	7050	100	24	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/tol.adf
-rwxc	-r--	1	7050	100	78384	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/txt.adf
-rwxc	-r--	1	7050	100	3836	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont/txx.adf
-rwxc	-r--	1	7050	100	2306033	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cont.e00
-rwxc	-r--	1	7050	100	2334545	Jul	23	1999	heinen/gis/pena_b/nopalcuesta/nop_cont.e00
drwxr	-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcuesta/nop_cult
-rwxc	-r--	1	7050	100	4720	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/aat.adf
-rwxc	-r--	1	7050	100	92308	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/arc.adf
-rwxc	-r--	1	7050	100	1044	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/arc.adf
-rwxc	-r--	1	7050	100	16	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/bnd.adf
-rwxc	-r--	1	7050	100	660	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/cnt.adf
-rwxc	-r--	1	7050	100	324	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/cnx.adf
-rwxc	-r--	1	7050	100	100	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/lab.adf
-rwxc	-r--	1	7050	100	3836	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/pal.adf
-rwxc	-r--	1	7050	100	448	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/pat.adf
-rwxc	-r--	1	7050	100	324	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/pax.adf
-rwxc	-r--	1	7050	100	48	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/tic.adf
-rwxc	-r--	1	7050	100	24	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult/tol.adf
-rwxc	-r--	1	7050	100	213768	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_cult.e00
-rwxc	-r--	1	7050	100	216413	Jul	23	1999	heinen/gis/pena_b/nopalcuesta/nop_cult.e00
-rwxc	-r--	1	7050	100	136126	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_geol.e00
-rwxc	-r--	1	7050	100	137811	Jul	23	1999	heinen/gis/pena_b/nopalcuesta/nop_geol.e00
drwxr	-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcuesta/nop_neat
-rwxc	-r--	1	7050	100	2268	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat/aat.adf
-rwxc	-r--	1	7050	100	5220	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat/arc.adf
-rwxc	-r--	1	7050	100	748	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat/arc.adf
-rwxc	-r--	1	7050	100	16	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat/bnd.adf
-rwxc	-r--	1	7050	100	100	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat/lab.adf
-rwxc	-r--	1	7050	100	48	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat/tic.adf
-rwxc	-r--	1	7050	100	7152	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat/txt.adf
-rwxc	-r--	1	7050	100	444	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat/txx.adf
-rwxc	-r--	1	7050	100	20026	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_neat.e00
-rwxc	-r--	1	7050	100	20275	Jul	23	1999	heinen/gis/pena_b/nopalcuesta/nop_neat.e00
drwxr	-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcuesta/nop_symb
-rwxc	-r--	1	7050	100	100	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb/arc.adf
-rwxc	-r--	1	7050	100	100	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb/arc.adf
-rwxc	-r--	1	7050	100	16	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb/bnd.adf
-rwxc	-r--	1	7050	100	2148	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb/lab.adf
-rwxc	-r--	1	7050	100	3584	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb/pat.adf
-rwxc	-r--	1	7050	100	48	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb/tic.adf
-rwxc	-r--	1	7050	100	9380	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb/txt.adf
-rwxc	-r--	1	7050	100	564	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb/txx.adf
-rwxc	-r--	1	7050	100	17642	Aug	2	1999	heinen/gis/pena_b/nopalcuesta/nop_symb.e00
-rwxc	-r--	1	7050	100	17862	Jul	23	1999	heinen/gis/pena_b/nopalcuesta/nop_symb.e00
-rwxc	-r--	1	7050	100	530238	Jun	7	1999	heinen/gis/pena_b/nopalcuesta/rds_utm.dbf
-rwxc	-r--	1	7050	100	730660	Jun	7	1999	heinen/gis/pena_b/nopalcuesta/rds_utm.shp
-rwxc	-r--	1	7050	100	58180	Jun	7	1999	heinen/gis/pena_b/nopalcuesta/rds_utm.shx
-rwxc	-r--	1	7050	100	734	Jul	23	1999	heinen/gis/pena_b/nopalcuesta/readme.txt
drwxr	-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm
-rwxc	-r--	1	7050	100	100	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/arc.adf
-rwxc	-r--	1	7050	100	100	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/arc.adf
-rwxc	-r--	1	7050	100	16	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/bnd.adf
-rwxc	-r--	1	7050	100	2148	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/lab.adf
-rwxc	-r--	1	7050	100	124	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/log
-rwxc	-r--	1	7050	100	3584	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/pat.adf
-rwxc	-r--	1	7050	100	48	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/tic.adf
-rwxc	-r--	1	7050	100	9380	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/tic.adf
-rwxc	-r--	1	7050	100	564	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/symb_utm/txx.adf
-rwxc	-r--	1	7050	100	607764	Jun	7	1999	heinen/gis/pena_b/nopalcuesta/topo0.dbf
-rwxc	-r--	1	7050	100	1402804	Jun	7	1999	heinen/gis/pena_b/nopalcuesta/topo0.shp
-rwxc	-r--	1	7050	100	66676	Jun	7	1999	heinen/gis/pena_b/nopalcuesta/topo0.shx
drwxr	-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcuesta/topoutm
-rwxc	-r--	1	7050	100	77112	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/topoutm/aat.adf
-rwxc	-r--	1	7050	100	318292	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/topoutm/arc.adf
-rwxc	-r--	1	7050	100	7444	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/topoutm/arc.adf
-rwxc	-r--	1	7050	100	16	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/topoutm/bnd.adf
-rwxc	-r--	1	7050	100	48	Aug	3	1999	heinen/gis/pena_b/nopalcuesta/topoutm/tic.adf

-rwxcr--r--	1	7050	100	612795	Jun	7	1999	heinen/gis/pena_b/nopalcu	topo_tin_clr.ras
-rwxcr--r--	1	7050	100	222	Jun	7	1999	heinen/gis/pena_b/nopalcu	topo_tin_clr.rsw
-rwxcr--r--	1	7050	100	756370	Jun	7	1999	heinen/gis/pena_b/nopalcu	topo_tin_clr.xwd
-rwxcr--r--	1	7050	100	73730	Jun	7	1999	heinen/gis/pena_b/nopalcu	topo_utm.dbf
-rwxcr--r--	1	7050	100	629140	Jun	7	1999	heinen/gis/pena_b/nopalcu	topo_utm.shp
-rwxcr--r--	1	7050	100	7444	Jun	7	1999	heinen/gis/pena_b/nopalcu	topo_utm.shx
-rwxcr--r--	1	7050	100	48283	Aug	11	1999	heinen/gis/pena_b/nopalcu	view_pena_b.apr
-rwxcr--r--	1	7050	100	1471	Aug	3	1999	heinen/gis/pena_b/nopalcu	xform_contrs.dialog
-rwxcr--r--	1	7050	100	3724	Aug	3	1999	heinen/gis/pena_b/nopalcu	xform_culture.dialog
-rwxcr--r--	1	7050	100	1388	Aug	3	1999	heinen/gis/pena_b/nopalcu	xform_geol.dialog
-rwxcr--r--	1	7050	100	1421	Aug	3	1999	heinen/gis/pena_b/nopalcu	xform_neat.dialog
-rwxcr--r--	1	7050	100	888	Aug	3	1999	heinen/gis/pena_b/nopalcu	xform_neatlines.dialog
-rwxcr--r--	1	7050	100	1421	Aug	3	1999	heinen/gis/pena_b/nopalcu	xform_symb.dialog
-rw-r--r--	1	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcu	xx000012363.s
-rw-r--r--	1	7050	100	5440	Sep	3	1999	heinen/gis/pena_b/nopalcu	xxact1236300
-rw-r--r--	1	7050	100	100	Sep	3	1999	heinen/gis/pena_b/nopalcu	xxamt1236300
-rw-r--r--	1	7050	100	100	Sep	3	1999	heinen/gis/pena_b/nopalcu	xxsmt1236300
-rw-r--r--	1	7050	100	100	Sep	3	1999	heinen/gis/pena_b/nopalcu	xxsmt1236300x
-rw-r--r--	1	7050	100	484	Sep	3	1999	heinen/gis/pena_b/nopalcu	xxact1236301
-rw-r--r--	1	7050	100	116	Sep	3	1999	heinen/gis/pena_b/nopalcu	xxact1236301x
drwxcr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/nopalcu	uranium
-rwxcr--r--	1	7050	100	2440760	Jul	28	1999	heinen/gis/pena_b/nopalcu	uranium/gamma.ras
-rwxcr--r--	1	7050	100	2442579	Jul	28	1999	heinen/gis/pena_b/nopalcu	uranium/gamma.tif
-rwxcr--r--	1	7050	100	9795402	Jul	28	1999	heinen/gis/pena_b/nopalcu	uranium/gammafreq.ras
-rwxcr--r--	1	7050	100	9809327	Jul	28	1999	heinen/gis/pena_b/nopalcu	uranium/gammafreq.tif
-rwxcr--r--	1	7050	100	2458176	Jul	28	1999	heinen/gis/pena_b/nopalcu	uranium/gammalength.ras
-rwxcr--r--	1	7050	100	2460012	Jul	28	1999	heinen/gis/pena_b/nopalcu	uranium/gammalength.tif
drwxcr--xr-x	12	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	
drwxcr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	3dnopalmine
-r-xr--r--	1	7050	100	73288	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar10.gif
-r-xr--r--	1	7050	100	4785354	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar10.ps
-r-xr--r--	1	7050	100	388722	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar10.rgb
-r-xr--r--	1	7050	100	110401	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar11.gif
-r-xr--r--	1	7050	100	7569146	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar11.ps
-r-xr--r--	1	7050	100	640584	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar11.rgb
-r-xr--r--	1	7050	100	146994	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar12.gif
-r-xr--r--	1	7050	100	7569146	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar12.ps
-r-xr--r--	1	7050	100	746363	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar12.rgb
-r-xr--r--	1	7050	100	124566	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar13.gif
-r-xr--r--	1	7050	100	7569146	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar13.ps
-r-xr--r--	1	7050	100	594079	Aug	9	1999	heinen/gis/pena_b/pena_3d	3dnopalmine/kar13.rgb
drwxcr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	cntrtin
-rwxcr--r--	1	7050	100	96	Aug	11	1999	heinen/gis/pena_b/pena_3d	cntrtin/tdenv.adf
-rwxcr--r--	1	7050	100	8136	Aug	11	1999	heinen/gis/pena_b/pena_3d	cntrtin/tedg.adf
-rwxcr--r--	1	7050	100	76	Aug	11	1999	heinen/gis/pena_b/pena_3d	cntrtin/thul.adf
-rwxcr--r--	1	7050	100	204	Aug	11	1999	heinen/gis/pena_b/pena_3d	cntrtin/tmsk.adf
-rwxcr--r--	1	7050	100	116	Aug	11	1999	heinen/gis/pena_b/pena_3d	cntrtin/tmsx.adf
-rwxcr--r--	1	7050	100	8136	Aug	11	1999	heinen/gis/pena_b/pena_3d	cntrtin/tnod.adf
-rwxcr--r--	1	7050	100	5472	Aug	11	1999	heinen/gis/pena_b/pena_3d	cntrtin/tnxy.adf
-rwxcr--r--	1	7050	100	1368	Aug	11	1999	heinen/gis/pena_b/pena_3d	cntrtin/tnz.adf
-r-xr--r--	1	7050	100	24835	Jul	30	1999	heinen/gis/pena_b/pena_3d	dx2arc.wat
-r-xr--r--	1	7050	100	781	Jul	30	1999	heinen/gis/pena_b/pena_3d	dx2arc_dialog_plate2.txt
-r-xr--r--	1	7050	100	27721	Jul	30	1999	heinen/gis/pena_b/pena_3d	dx2arc_support.txt
-rwxcr--r--	1	7050	100	13202	Aug	11	1999	heinen/gis/pena_b/pena_3d	editcntr.dat
-rwxcr--r--	1	7050	100	1006	Aug	11	1999	heinen/gis/pena_b/pena_3d	editcntr.lin
-rwxcr--r--	1	7050	100	24678	Aug	11	1999	heinen/gis/pena_b/pena_3d	editcntr.pnt
-rwxcr--r--	1	7050	100	13202	Jul	26	1999	heinen/gis/pena_b/pena_3d	editcntr.txt
drwxcr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	info
-r-xr--r--	1	7050	100	2660	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc.dir
-r-xr--r--	1	7050	100	80	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc0000.dat
-r-xr--r--	1	7050	100	432	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc0000.nit
-r-xr--r--	1	7050	100	4412756	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc0001.dat
-r-xr--r--	1	7050	100	1008	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc0001.nit
-r-xr--r--	1	7050	100	92752	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc0002.dat
-r-xr--r--	1	7050	100	1584	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc0002.nit
-r-xr--r--	1	7050	100	80	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc0003.dat
-r-xr--r--	1	7050	100	576	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/arc0003.nit
-r-xr--r--	1	7050	100	443	Jul	30	1999	heinen/gis/pena_b/pena_3d	info/log
-rwxcr--r--	1	7050	100	143074	Aug	9	1999	heinen/gis/pena_b/pena_3d	mins3d_clr2.gif
drwxcr--xr-x	3	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	model3d
-r-xr--r--	1	7050	100	177344	Jul	30	1999	heinen/gis/pena_b/pena_3d	model3d/benches.xyz
drwxcr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	model3d/info
-r-xr--r--	1	7050	100	0	Jul	30	1999	heinen/gis/pena_b/pena_3d	model3d/info/arc.dir
-rwxcr--r--	1	7050	100	5161	Jul	28	1999	heinen/gis/pena_b/pena_3d	model3d/log
-rwxcr--r--	1	7050	100	201987	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.2grd
-rwxcr--r--	1	7050	100	503	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.2grprt
-rwxcr--r--	1	7050	100	214219	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.dat
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-rwxcr--r--	1	7050	100	200	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.hdr
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-rwxcr--r--	1	7050	100	768548	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.pnt
-rwxcr--r--	1	7050	100	147492	Jul	28	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.shp
-rwxcr--r--	1	7050	100	42212	Jul	28	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.shx
-rwxcr--r--	1	7050	100	177344	Jul	27	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.txt
-rwxcr--r--	1	7050	100	2043340	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.wrl.gz
-rwxcr--r--	1	7050	100	214381	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d.xyz
-rwxcr--r--	1	7050	100	340242	Jun	30	1999	heinen/gis/pena_b/pena_3d	model3d/pena3dcntrs.e00
-rwxcr--r--	1	7050	100	204	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d_2grd_evgen.sh
-rwxcr--r--	1	7050	100	202063	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d_2grd
-rwxcr--r--	1	7050	100	503	Aug	11	1999	heinen/gis/pena_b/pena_3d	model3d/pena3d_2grprt
drwxcr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap
-rwxcr--r--	1	7050	100	13428	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap/aat.adf
-rwxcr--r--	1	7050	100	183556	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap/arc.adf
-rwxcr--r--	1	7050	100	3084	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap/arc.adf
-rwxcr--r--	1	7050	100	32	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap/dblnd.adf
-rwxcr--r--	1	7050	100	80	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap/dbltic.adf
-rwxcr--r--	1	7050	100	1706	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap/log
-rwxcr--r--	1	7050	100	32868	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap/msk.adf
-rwxcr--r--	1	7050	100	260	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourmap/par.adf
-rwxcr--r--	1	7050	100	204305	Jun	29	1999	heinen/gis/pena_b/pena_3d	nopalcontours.gif
drwxcr--xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	nopalcontourtin
-rwxcr--r--	1	7050	100	96	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourtin/tdenv.adf
-rwxcr--r--	1	7050	100	252096	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourtin/tedg.adf
-rwxcr--r--	1	7050	100	84	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourtin/thul.adf
-rwxcr--r--	1	7050	100	2672	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourtin/tmsk.adf
-rwxcr--r--	1	7050	100	116	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourtin/tmsx.adf
-rwxcr--r--	1	7050	100	252096	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourtin/tnod.adf
-rwxcr--r--	1	7050	100	168112	Jul	20	1999	heinen/gis/pena_b/pena_3d	nopalcontourtin/tnxy.adf
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drwxcr--xr-x	3	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d	nopalmine3d
-rwxcr--r--	1	7050	100	13500	Aug	9	1999	heinen/gis/pena_b/pena_3d	nopalmine3d/aat.adf
-rwxcr--r--	1	7050	100	183684	Aug	9	1999	heinen/gis/pena_b/pena_3d	nopalmine3d/arc.adf

-rwxx--r--	1	7050	100	3100	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3d/axr.adf
-rwxx--r--	1	7050	100	32	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3d/dblbnd.adf
-rwxx--r--	1	7050	100	80	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3d/dbltic.adf
-rwxx--r--	1	7050	100	1521	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3d/log
drwxr-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d/nopalmine3d/mine3dv0
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drwxr-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00
-rwxx--r--	1	7050	100	119	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/log
-rwxx--r--	1	7050	100	96	Jul	20	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/tdenv.adf
-rwxx--r--	1	7050	100	252096	Jul	20	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/tedg.adf
-rwxx--r--	1	7050	100	84	Jul	20	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/thul.adf
-rwxx--r--	1	7050	100	2672	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/tmsk.adf
-rwxx--r--	1	7050	100	116	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/tmsx.adf
-rwxx--r--	1	7050	100	252096	Jul	20	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/tnod.adf
-rwxx--r--	1	7050	100	168112	Jul	20	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/tnxy.adf
-rwxx--r--	1	7050	100	42028	Jul	20	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/mine3dv00/tnz.adf
-rwxx--r--	1	7050	100	96	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/tdenv.adf
-rwxx--r--	1	7050	100	252096	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/tedg.adf
-rwxx--r--	1	7050	100	84	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/thul.adf
-rwxx--r--	1	7050	100	2672	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/tmsk.adf
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-rwxx--r--	1	7050	100	168112	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/tnxy.adf
-rwxx--r--	1	7050	100	42028	Aug	9	1999	heinen/gis/pena_b/pena_3d/nopalmine3dtin/tnz.adf
-rwxx--r--	1	7050	100	8567200	Nov	26	2007	heinen/gis/pena_b/pena_3d/pena3d.wrl
drwxr-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d/pena3dtin
-rwxx--r--	1	7050	100	96	Aug	11	1999	heinen/gis/pena_b/pena_3d/pena3dtin/tdenv.adf
-rwxx--r--	1	7050	100	252696	Aug	11	1999	heinen/gis/pena_b/pena_3d/pena3dtin/tedg.adf
-rwxx--r--	1	7050	100	84	Aug	11	1999	heinen/gis/pena_b/pena_3d/pena3dtin/thul.adf
-rwxx--r--	1	7050	100	2664	Aug	11	1999	heinen/gis/pena_b/pena_3d/pena3dtin/tmsk.adf
-rwxx--r--	1	7050	100	116	Aug	11	1999	heinen/gis/pena_b/pena_3d/pena3dtin/tmsx.adf
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-rwxx--r--	1	7050	100	168512	Aug	11	1999	heinen/gis/pena_b/pena_3d/pena3dtin/tnxy.adf
-rwxx--r--	1	7050	100	42128	Aug	11	1999	heinen/gis/pena_b/pena_3d/pena3dtin/tnz.adf
drwxr-xr-x	2	7050	100	0	Sep	3	1999	heinen/gis/pena_b/pena_3d/vrml
-rwxx--r--	1	7050	100	8567200	Nov	26	2007	heinen/gis/pena_b/pena_3d/vrml/pena3d.wrl
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-rwxx--r--	1	7050	100	219656	Jul	1	1999	heinen/gis/pena_b/pena_3d/vrml/pena3d.xyz
-rwxx--r--	1	7050	100	2224	Jul	1	1999	heinen/gis/pena_b/pena_3d/vrml/tinpnt2ev.nawk
drwxr-xr-x	10	7050	100	0	Sep	3	1999	heinen/gis/pena_b/verticalfracturedata
-rwxx--r--	1	7050	100	657344	Jul	9	1999	heinen/gis/pena_b/verticalfracturedata/fraclev1.shp
-r-xr--r--	1	7050	100	66573663	Aug	11	1999	heinen/gis/pena_b/verticalfracturedata/fracmaps1.sc.ps
dr-sr-x-wt-31886	33111	50915		2147483647	Nov	9	2007	Archive File List

**ADDITIONAL INFORMATION FOR SUPPLEMENTAL SCIENTIFIC
NOTEBOOK**

Document Date:	3/29/2002
Availability:	Southwest Research Institute® Center for Nuclear Waste Regulatory Analyses 6220 Culebra Road San Antonio, Texas 78228
Contact:	Southwest Research Institute® Center for Nuclear Waste Regulatory Analyses 6220 Culebra Road San Antonio, TX 78228-5166 Attn.: Director of Administration 210.522.5054
Data Sensitivity:	<input checked="" type="checkbox"/> "Non-Sensitive" <input type="checkbox"/> Sensitive <input type="checkbox"/> "Non-Sensitive - Copyright" <input type="checkbox"/> Sensitive - Copyright
Date Generated:	08/16/1999 and 12/21/1999
Operating System: (including version number)	Windows NT
Application Used: (including version number)	Various: GIS, ArcINFO, digitized by Optronics Specialty
Media Type: (CDs, 3 1/2, 5 1/4 disks, etc.)	5 - CDs; 1 8 mm tape
File Types: (.exe, .bat, .zip, etc.)	Various
Remarks: (computer runs, etc.)	Media contains: Geologic map layers of Nopal Cuesta (digitized); geologic map of Northern Mexico (tiff); images; walls of Nopal vertical fracture data.