

Faults



<http://www.impacttectonics.org/gcherman/downloads/GEO310/Index.html>

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- New Hope crushed stone & lime
<http://active-mines.findthedata.org/l/2156/Ne/>
- Moore's Station quarry
- Paths
- Tracks
 - 20 MAR 2012 15:40
 - 15 MAR 2012 07:39
 - LV-28-12 02:26:05 PM
 - 15 FEB 2012 10:30
 - MSTRO2-12 03:26:25 PM
- Waypoints
 - 03202012
 - 02152012
 - 02222012
 - 03152012
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3/20/2012 4 pm

STATION	LAT	LOX
76250	40.32721	-74.91455
76251	40.32744	-74.91411
76252	40.32836	-74.91278
76253	40.32912	-74.91173

20 MAR 2012 15:40 76253

76252

76251

76250

91 m

Imagery Date: 10/7/2011 1995 lat 40.328140° lon -74.912803° elev 0 m Eye alt 395 m

ID	STATION	LATITUDE	LONGITUDE	FORMATION	FEATURE	STRIKE	DIP	DIPDIR	DIPAZM	DIP2
1	76250	40.32721	-74.91455	PASSAIC	B	087	13	S	177	13
2	76250	40.32721	-74.91455	PASSAIC	B	080	15	S	170	15
3	76250	40.32721	-74.91455	PASSAIC	F	031	76	S	121	76
4	76250	40.32721	-74.91455	PASSAIC	F	174	68	E	084	68
5	76250	40.32721	-74.91455	PASSAIC	F	055	85	S	145	85
6	76250	40.32721	-74.91455	PASSAIC	F	018	58	W	288	58
7	76250	40.32721	-74.91455	PASSAIC	F	055	61	S	145	61
8	76250	40.32721	-74.91455	PASSAIC	F	053	85	S	143	85
9	76250	40.32721	-74.91455	PASSAIC	F	025	70	N	295	70
10	76250	40.32721	-74.91455	PASSAIC	F	014	29	S	104	29
11	76250	40.32721	-74.91455	PASSAIC	F	000	62	E	090	62
12	76251	40.32721	-74.91455	PASSAIC	B	085	50	S	175	50
13	76251	40.32721	-74.91455	PASSAIC	B	090	51	S	180	51
14	76251	40.32744	-74.91411	PASSAIC	F	044	57	N	314	57
15	76251	40.32744	-74.91411	PASSAIC	F	025	56	N	295	56
16	76252	40.32836	-74.91278	PASSAIC	F	035	55	N	305	55
17	76252	40.32836	-74.91278	PASSAIC	F	033	61	N	303	61
18	76252	40.32836	-74.91278	PASSAIC	F	008	70	N	278	70
19	76253	40.32721	-74.91455	PASSAIC	B	000	12	W	270	12
20	76253	40.32912	-74.91173	PASSAIC	F	095	75	N	005	75
21	76253	40.32912	-74.91173	PASSAIC	F	052	67	S	142	67

B – bedding F - fracture

Geologic Web Utilities

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[Conversion Tools](#)

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[Dynamic 3-Point Geological-Plane Solver](#)

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[KML Placemark Digitizer](#)

Excel to KML Formatters

These tools will take copy-pasted data from Excel spreadsheets and turn them into KML for use with Google Earth.

[Excel to KML Geologic Symbols](#)

Transform Lat, Long, Alt, etc. data into KML with appropriate symbology.

[Excel to KML Placemarks](#)

Transform Name, Lat, Long, and Description into KML Placemarks.

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- Home
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Excel to KML Geologic Symbols (symbol key at bottom)

Convert data from an Excel spreadsheet to geological symbols and circles in KML format.

Cut & Paste variable input from a formatted MS Excel Worskheet into the following windows, using the variables noted above the window.

Download example input here:

The symbol (*.dae) files that this tool uses must reside within the directory that you load the resulting *.KML file into Google Earth from, or by using on-line symbols using the <http://www.impacttectonics.org/GEsymbols/> prefix for each symbol. The full set of symbols in a *.zip file with explanations and related topics are available at http://www.impacttectonics.org/GEO-310/GCH_GEsymbols/GCH_GE_Geology_Apps.htm.

KML Name: Include Timestamp Info

Anno Spacing: Bed and layer dip line (~1.5 m): Joint, arrow, slip-line (~ 8.0 m) or 5-m 3D circle:

Station	Longitude	Latitude	Altitude	Azimuth	Dip/Plunge	Xscale	Yscale	Zscale	Symbol	Note	Orientation(2D/3D)	Date Time

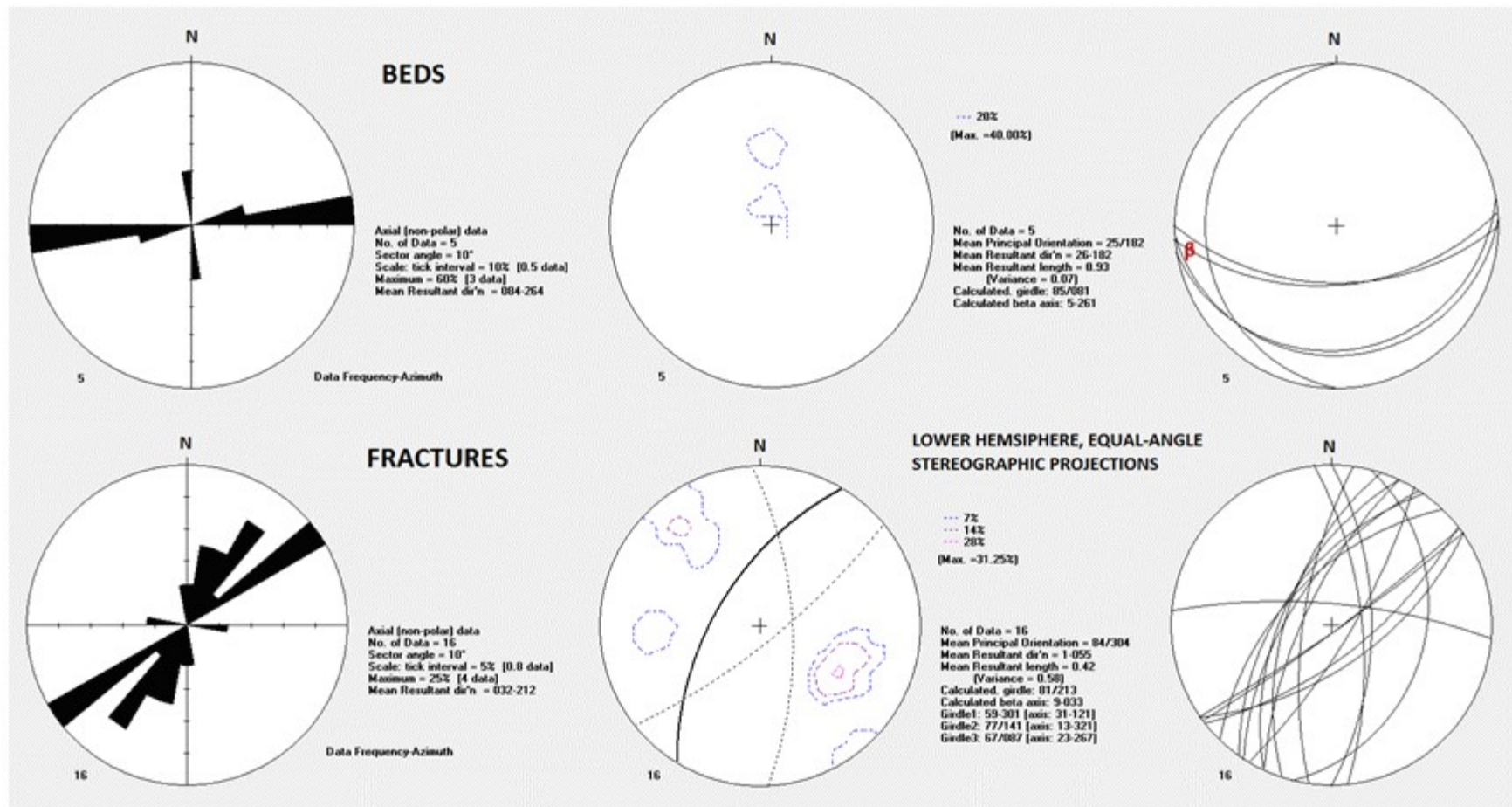
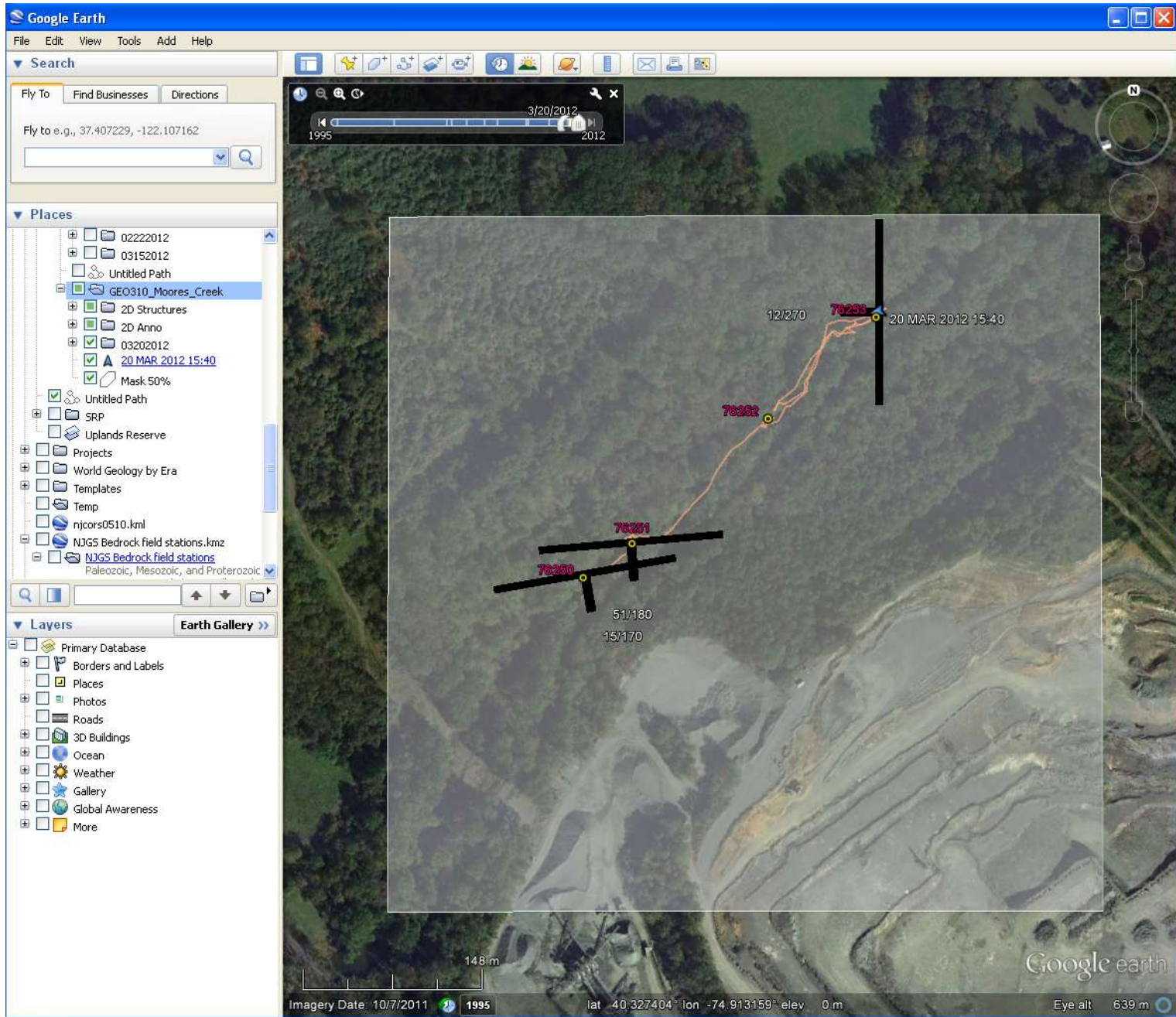
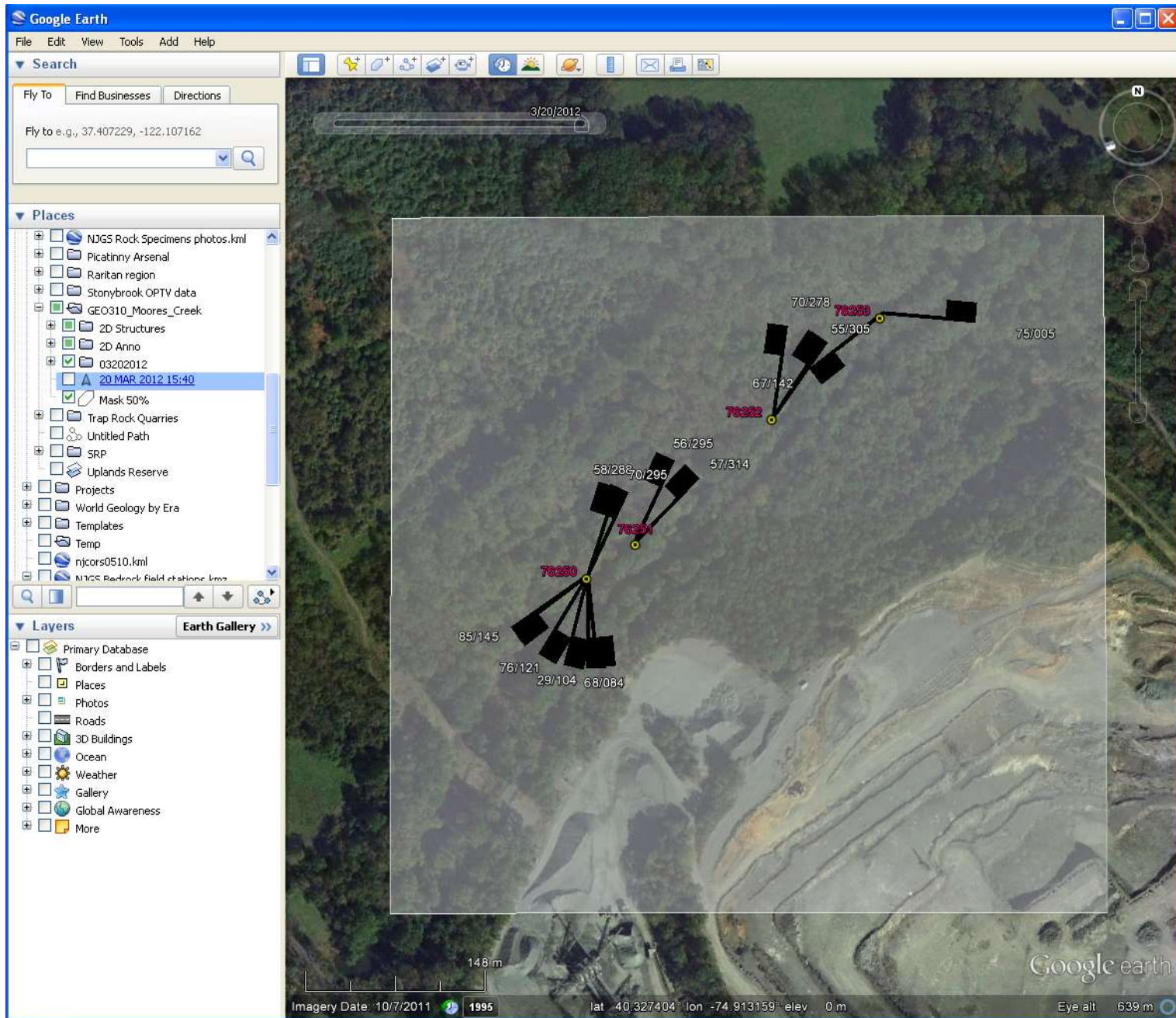
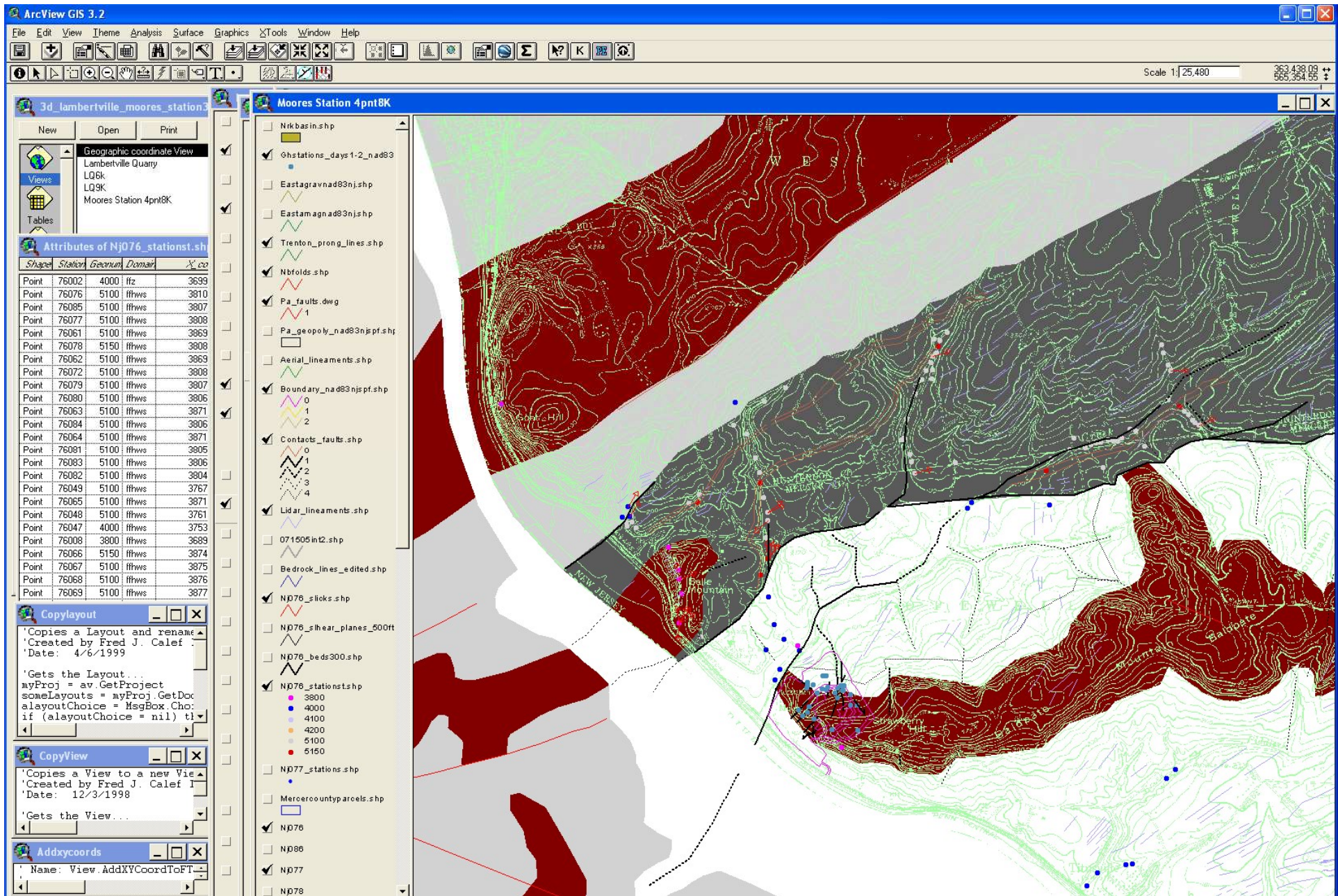


Figure 1. Circular histograms of plane strike and stereographic projections for 6 beds and 16 fractures from 4 outcrops of the Passaic Formation in the Hopewell fault zone, Moore's Creek, Lambertville, NJ 7-1/2' Quadrangle.



Rider Structural Geology 310 2012 GCHERMAN







Search

Fly To Find Businesses Directions

Fly to e.g., Tokyo, Japan

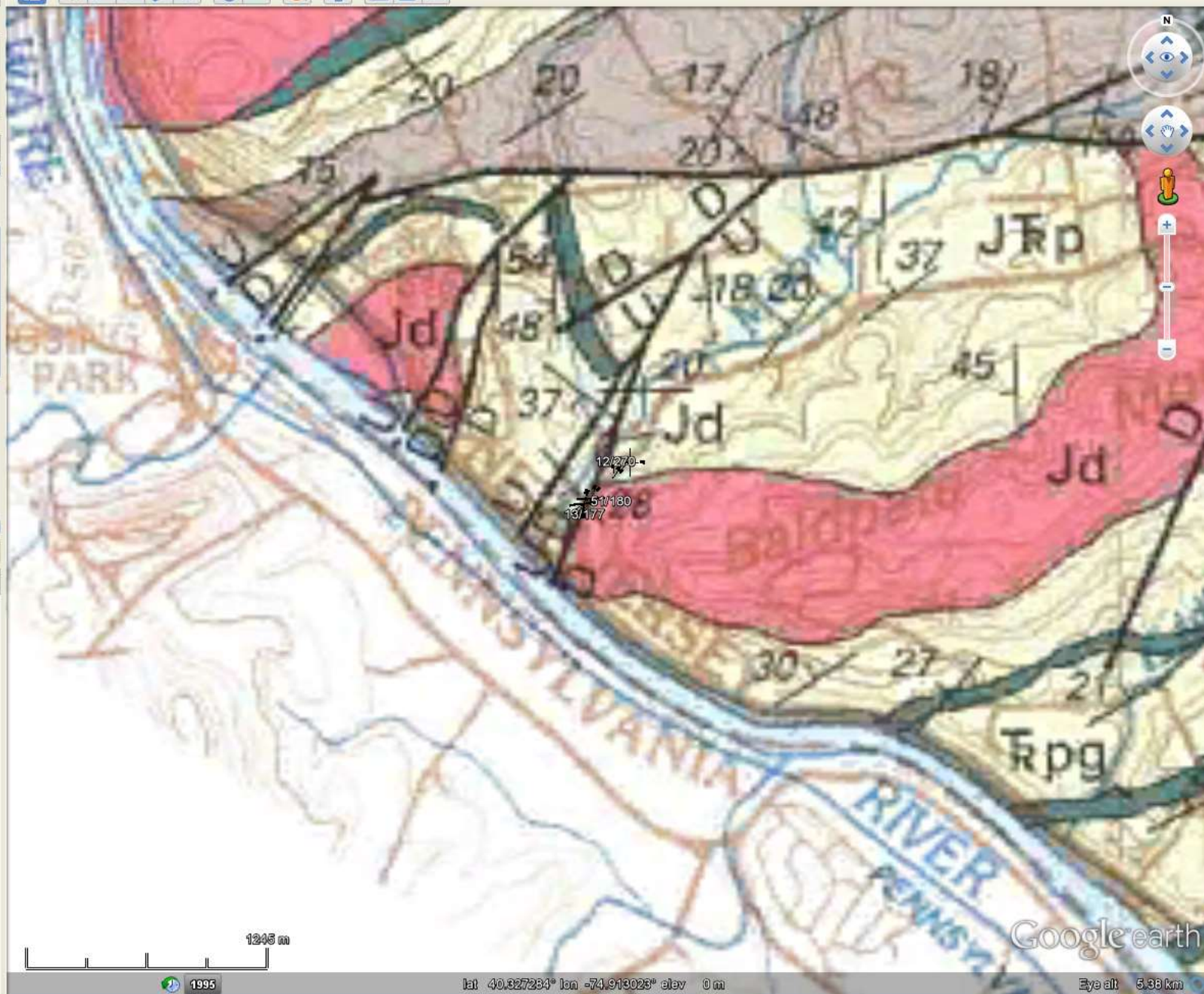
Places

- Bedrock aquifer studies
- Earthquakes
- Geologic units of New Jersey
A GIS database of geologic units and structural
- staco86_geog
- NJ Topo 24K
N.J. Geological Survey
DG599-1 is a set of
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Layers

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lat 40.627284° lon -74.913026° elev 0 m

Eye alt 5.38 km