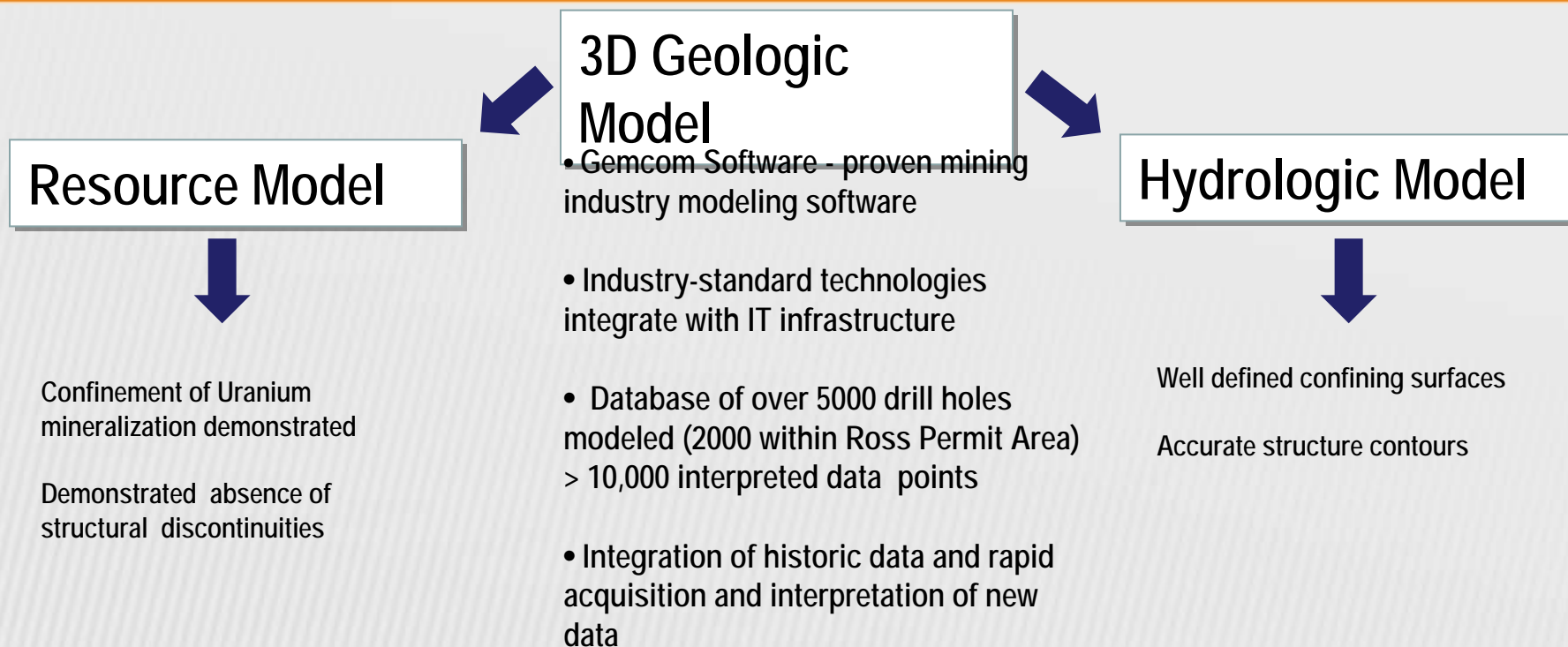


Resource and Geological Modeling Overview



Strata Energy Integrated Modeling Strategy



Strata Energy has developed an integrated geologic modeling solution that provides:

- Data Accuracy → robust model and reliable results
- Efficiency → rapid updates to the model



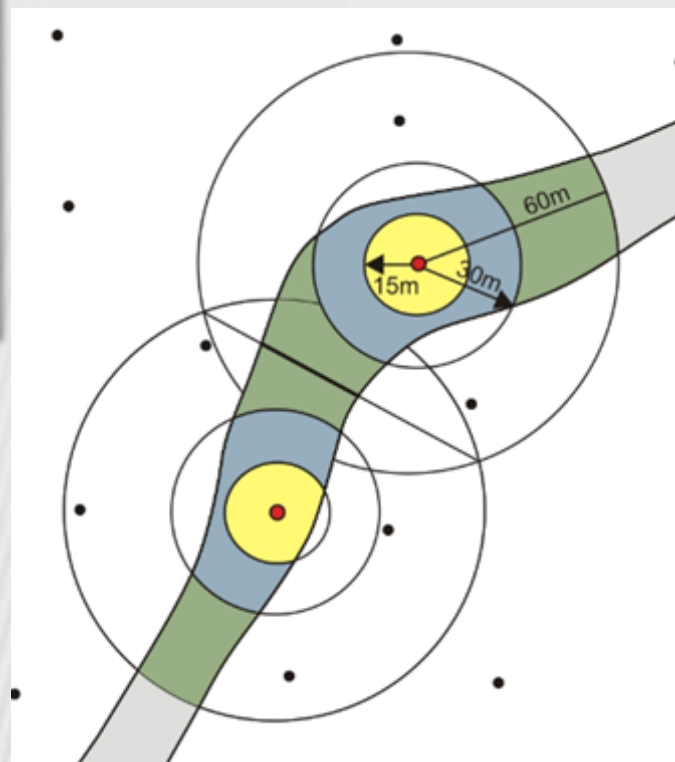
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Ross Permit Area – JORC Resource August 2010

Ross Permit Area*	Tonnes	Grade (ppm U ₃ O ₈)	U ₃ O ₈ (lbs)	Thickness (ft)	GT
Measured	1,980,618	503	2,195,283	9.0	0.45
Indicated	2,403,208	476	2,523,628	8.8	0.42
Inferred	688,141	477	724,107	8.9	0.42
Total	5,071,967	487	5,443,018	8.9	0.43

Calculation method:

GT – constrained polygonal



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Resource Estimation

Resource Estimates for In Situ Leach Uranium Projects and Reporting Under the JORC Code (Australasian Joint Ore Reserves Committee)

Estimating and reporting Uranium mineral resources for ISR Projects

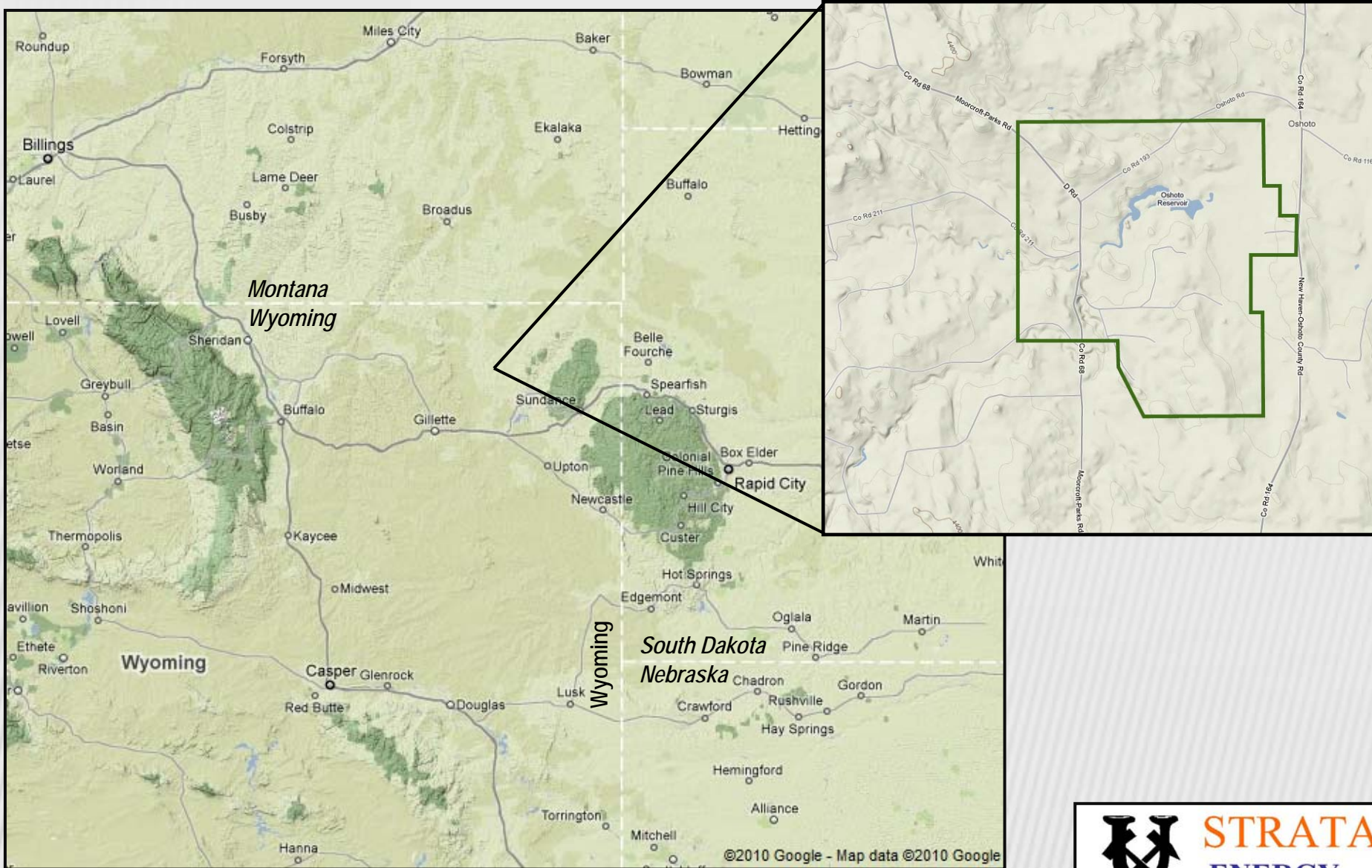
Additional factors, which are required for the Competent Person to be confident that there are “reasonable prospects for eventual economic extraction”, include:

- permeability of the mineralized horizon;
- hydrological confinement of the mineralized horizon; and
- amenability of the uranium minerals to dissolution by alkaline solutions.



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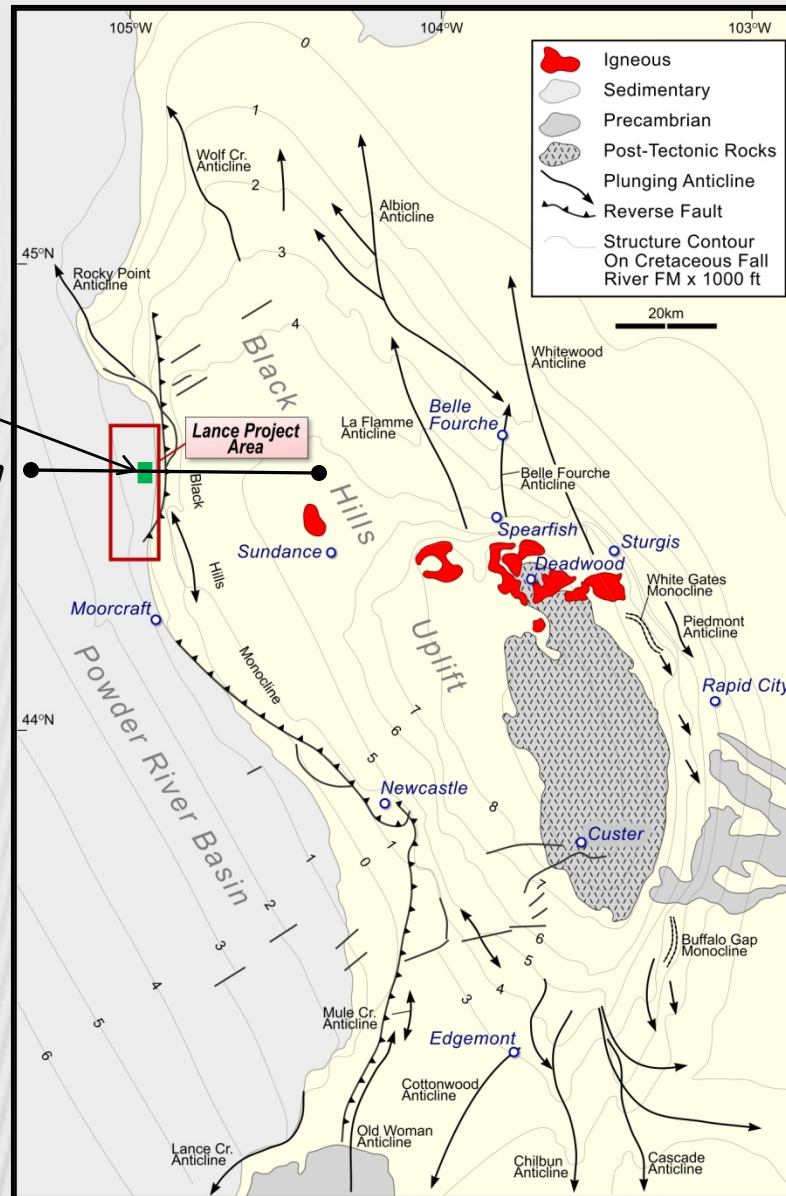
Area of Reference for Lance Project Area



Tectonic Map of Black Hills Uplift

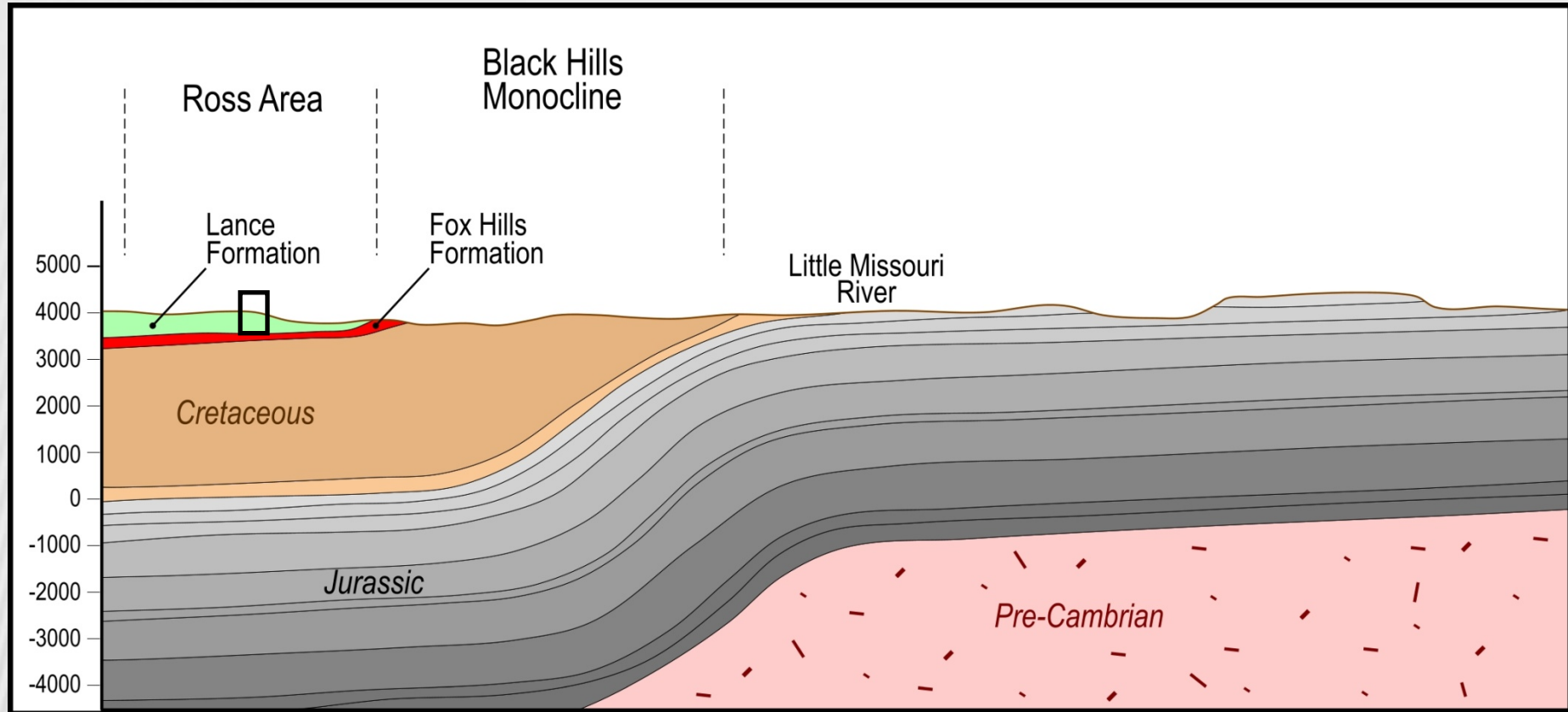
Ross Permit Area

Regional Cross-Section



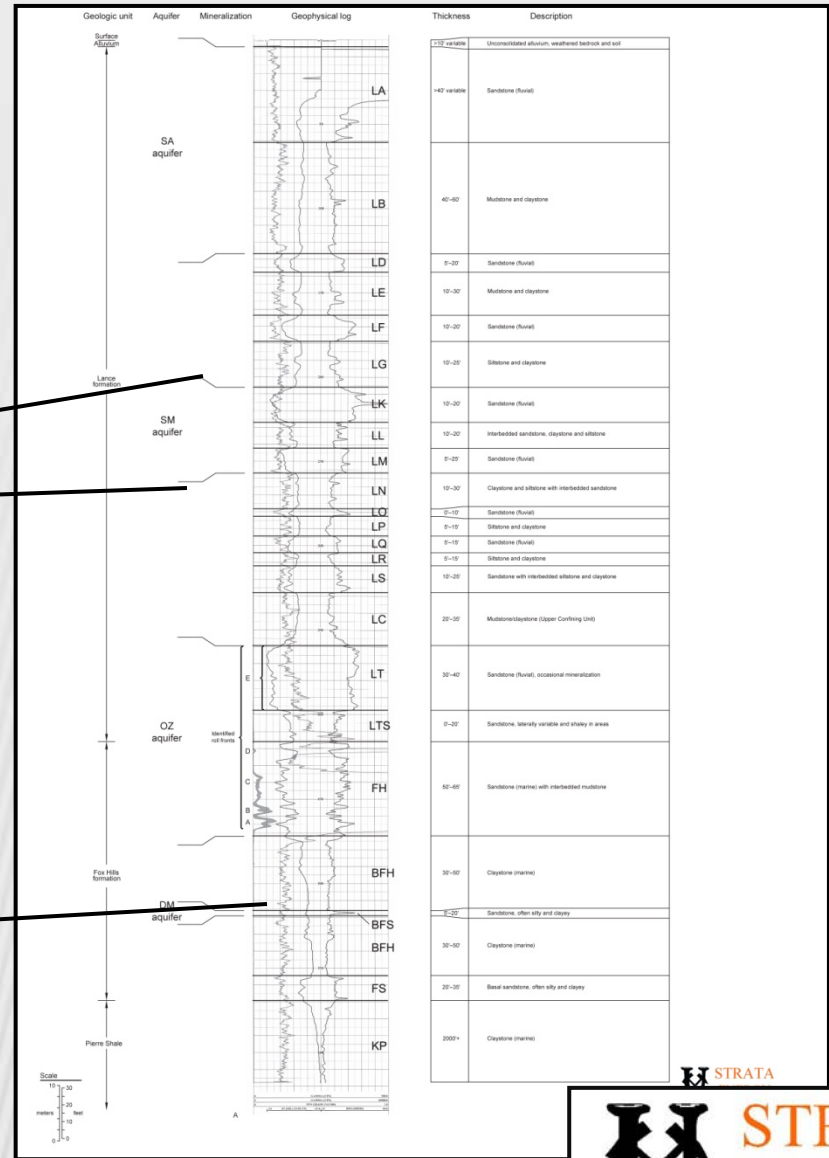
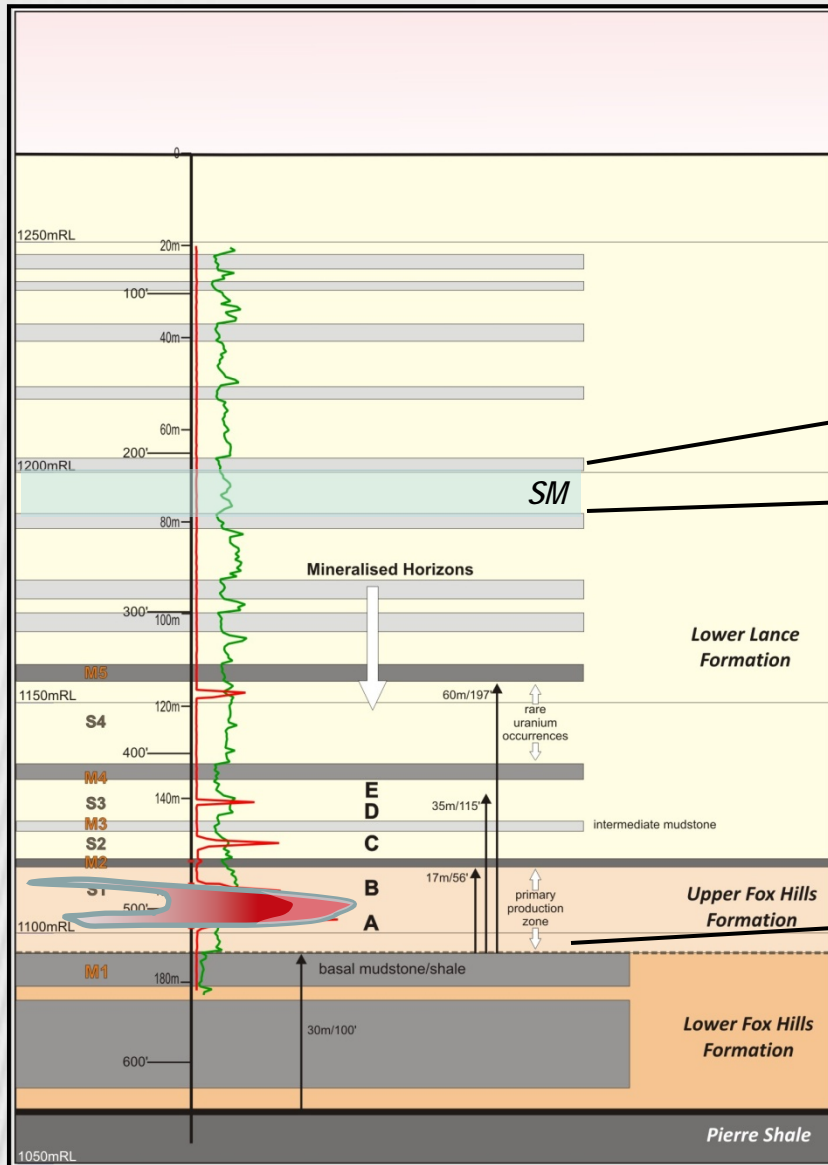
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Cross-Sectional view of Regional Geology



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Geologic Type Section

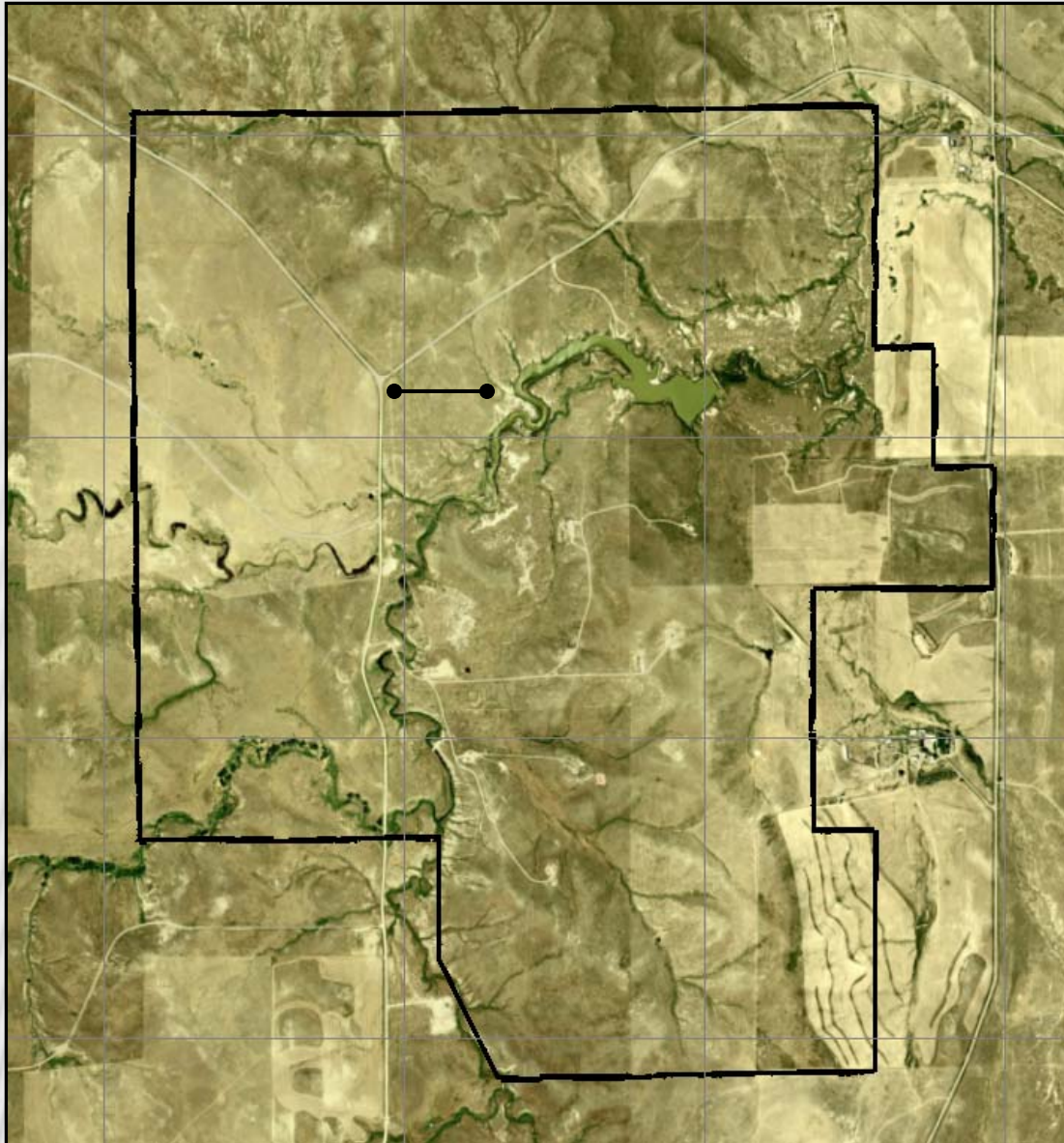


Modeling Method and Procedure



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Starting reference for 3D model

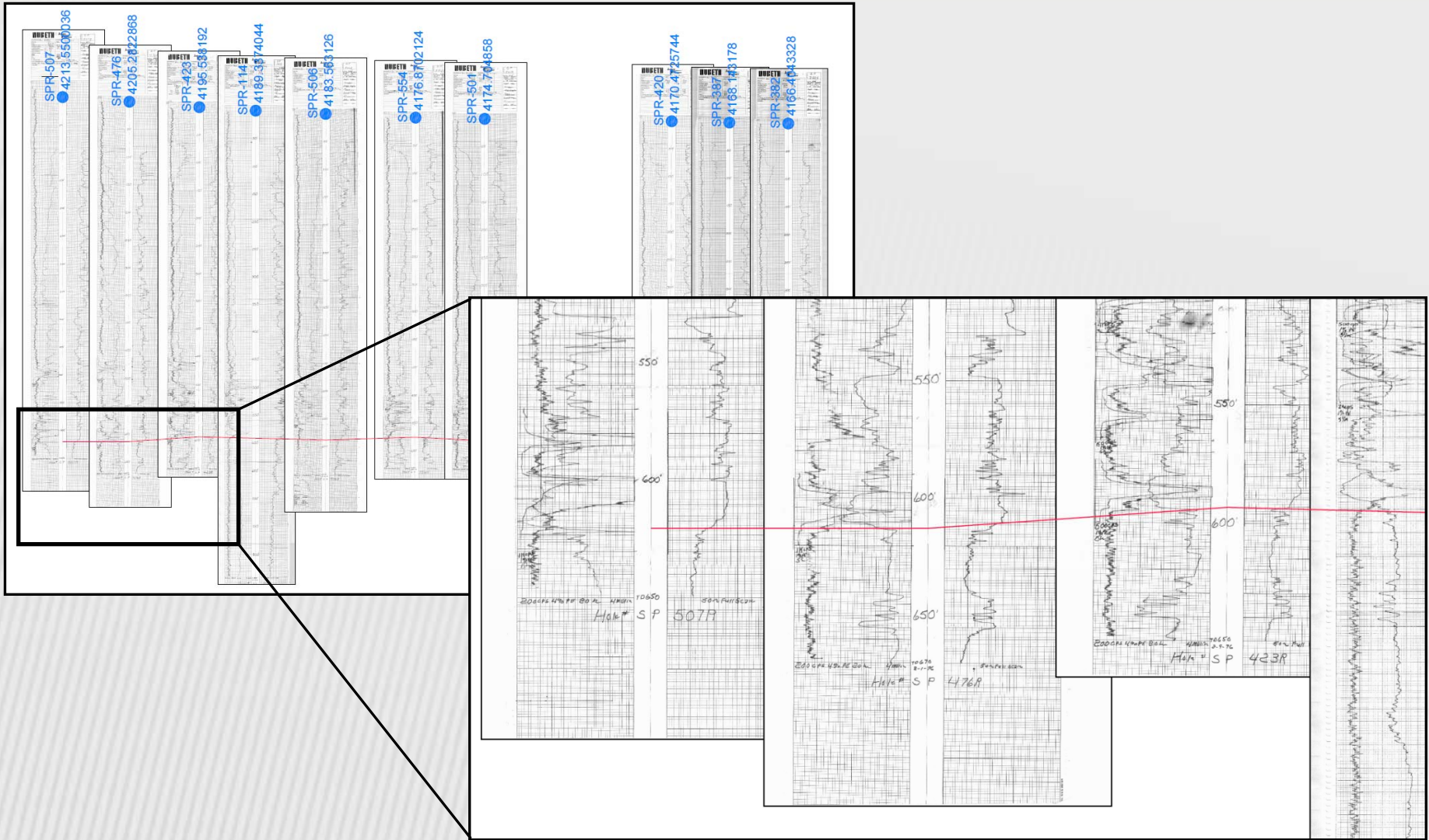


Plan view 3D, Permit boundary
area illustrated by green line



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Analog Method of Interpretation



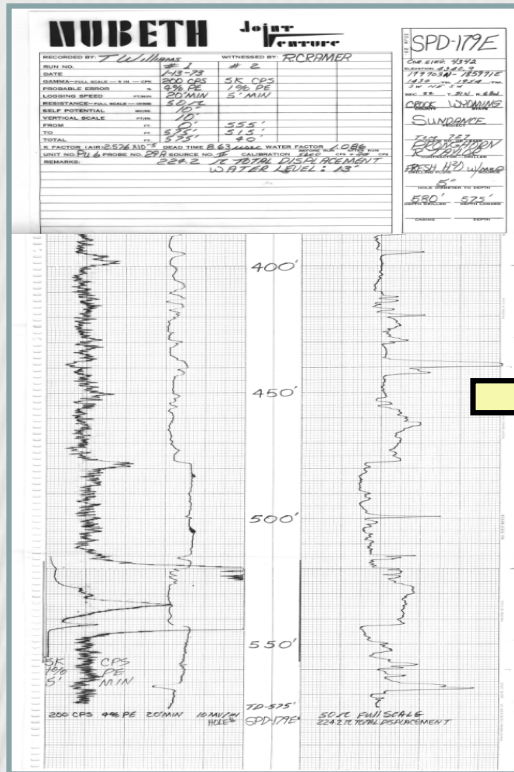
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Acquisition / Digitizing of NuBeth Database

Analog Hard Copy

Text / CSV File

Digital



```
#-Curve Information Block
#MNMEN UNIT API CODE curve Description
DEPT.FT : Depth in Feet
GAMMA.CPS :
SP .MV 01 010 01 01: Spontaneous Potential
RES .OHMM :

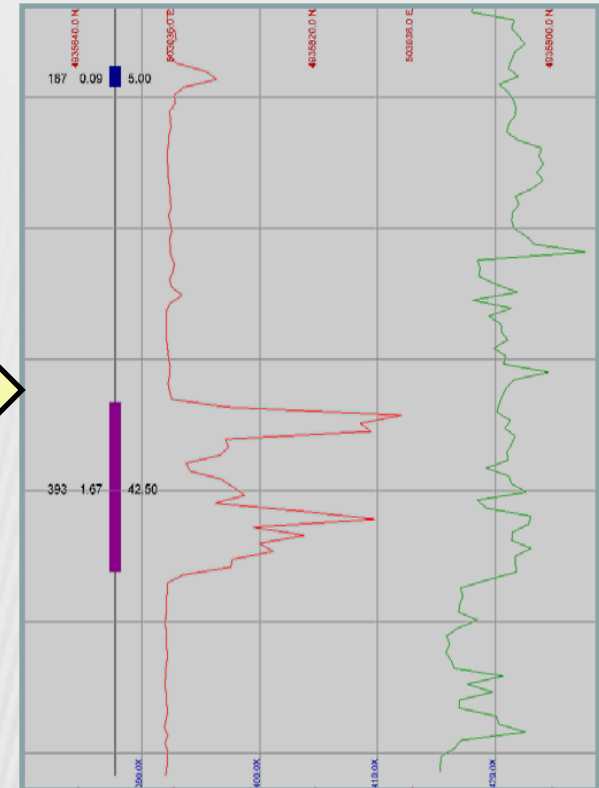
#-Parameter Information Block
#MNMEN UNIT Value Description
DeadTime.Sec 8.63: Dead Time
KFactor. 0.00002576: K Factor
WaterFactor. 1.086: Water Factor
RUN . ONE: Run Number
PDAT. : Permanent Datum
EPD .FT 0.0000: Elevation of Perm. Datum
WSTA. : LOC:
E .FT 0.0000: E (Stretch coefficient of the cable)
TD .FT 580.0000: Total Depth

#-Other Information Block
<DescLogPlotStart> NEURALOG PLOT DEFINITION
PLOTDEFVERSION: 3
LASFILE: N:\visiter-10-19-2009 rush project-disc1-SPD-E-series\las\SPD179E.las
DEPTHSCALE: 240.000000
RESOLUTION: 200
DEPTHLABELFREQ: 100.000000
HEAVYGRIDFREQ: 100.000000
MEDIUMGRIDFREQ: 50.000000
LIGHTGRIDFREQ: 10.000000

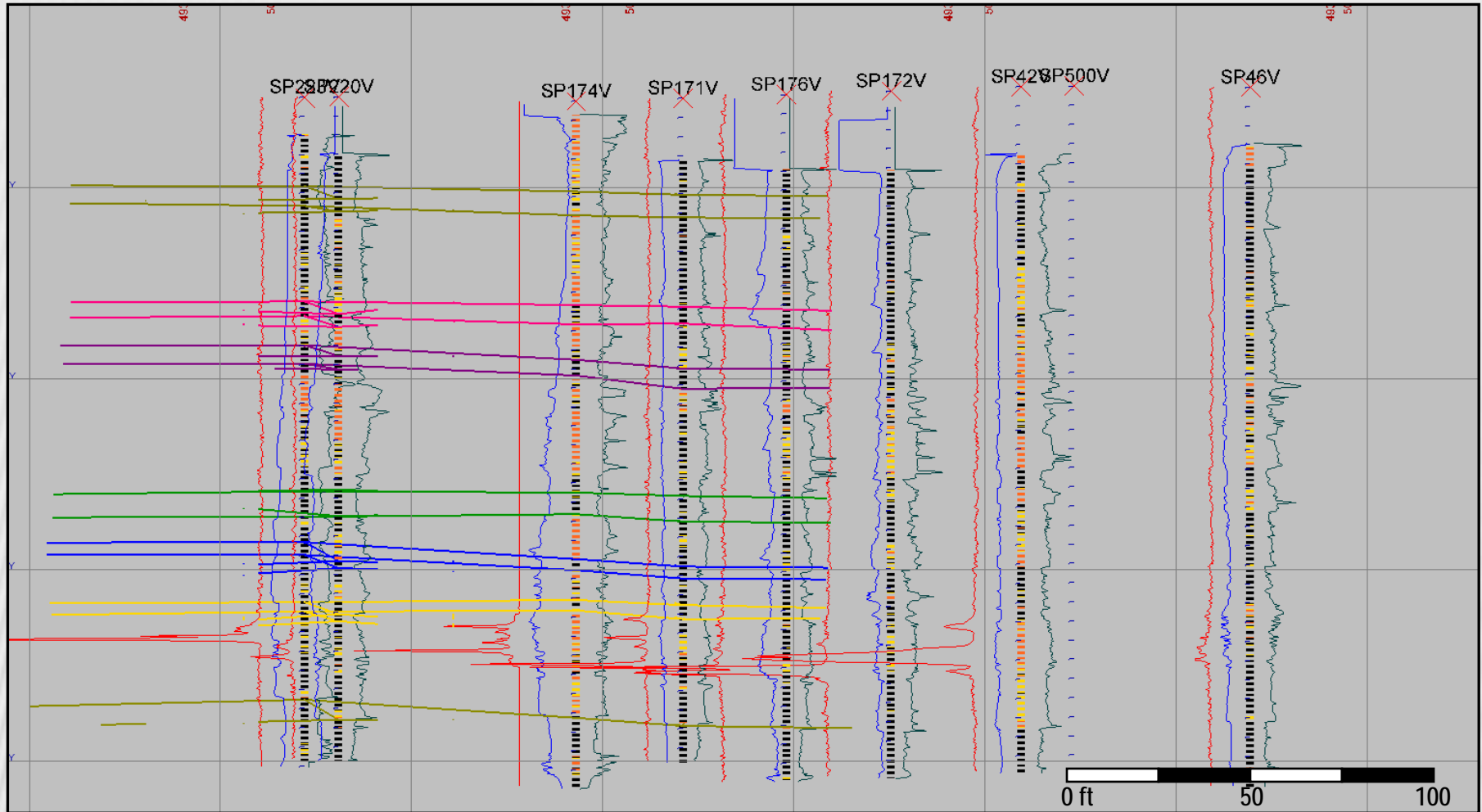
# TRACK 1
STARTTRACK:
LEFTX: 0.500000 inch
RIGHTX: 5.500000 inch
SCALETYPE: Linear
NUMCHARTDIVISIONS: 10
CURVE: GAMMA 0.000000 200.000000 (0,0,255) Solid 2 2 Y
BACKUP: 0.000000 5000.000000 (0,0,255) Solid 2 2 N
CURVE: SP -50.000000 0.000000 (0,131,131) Dot
ENDTRACK:

# TRACK 2
STARTTRACK:
LEFTX: 6.000000 inch
RIGHTX: 11.000000 inch
SCALETYPE: Linear
NUMCHARTDIVISIONS: 10
CURVE: RES 0.000000 50.000000 (255,0,255) Solid 2 N
ENDTRACK:

<DescLogPlotEnd>
-A DEPTH GAMMA SP RES
0.000 47.12411705 -999.25000000 -0.12664640
0.500 40.26236125 -999.25000000 -0.12664640
1.000 43.48810998 -999.25000000 -0.12664640
1.500 53.25828397 -999.25000000 -0.12664457
2.000 43.73301052 -999.25000000 -0.12567943
2.500 41.73184573 -999.25000000 -0.12270909
3.000 27.15042706 -999.25000000 -0.11972404
3.500 36.97357536 -999.25000000 -0.11674017
4.000 37.00796385 -999.25000000 -0.11375629
4.500 41.43240960 -999.25000000 -0.11077241
5.000 40.30665332 -999.25000000 -0.10778853
5.500 29.20818618 -999.25000000 -0.10480466
```

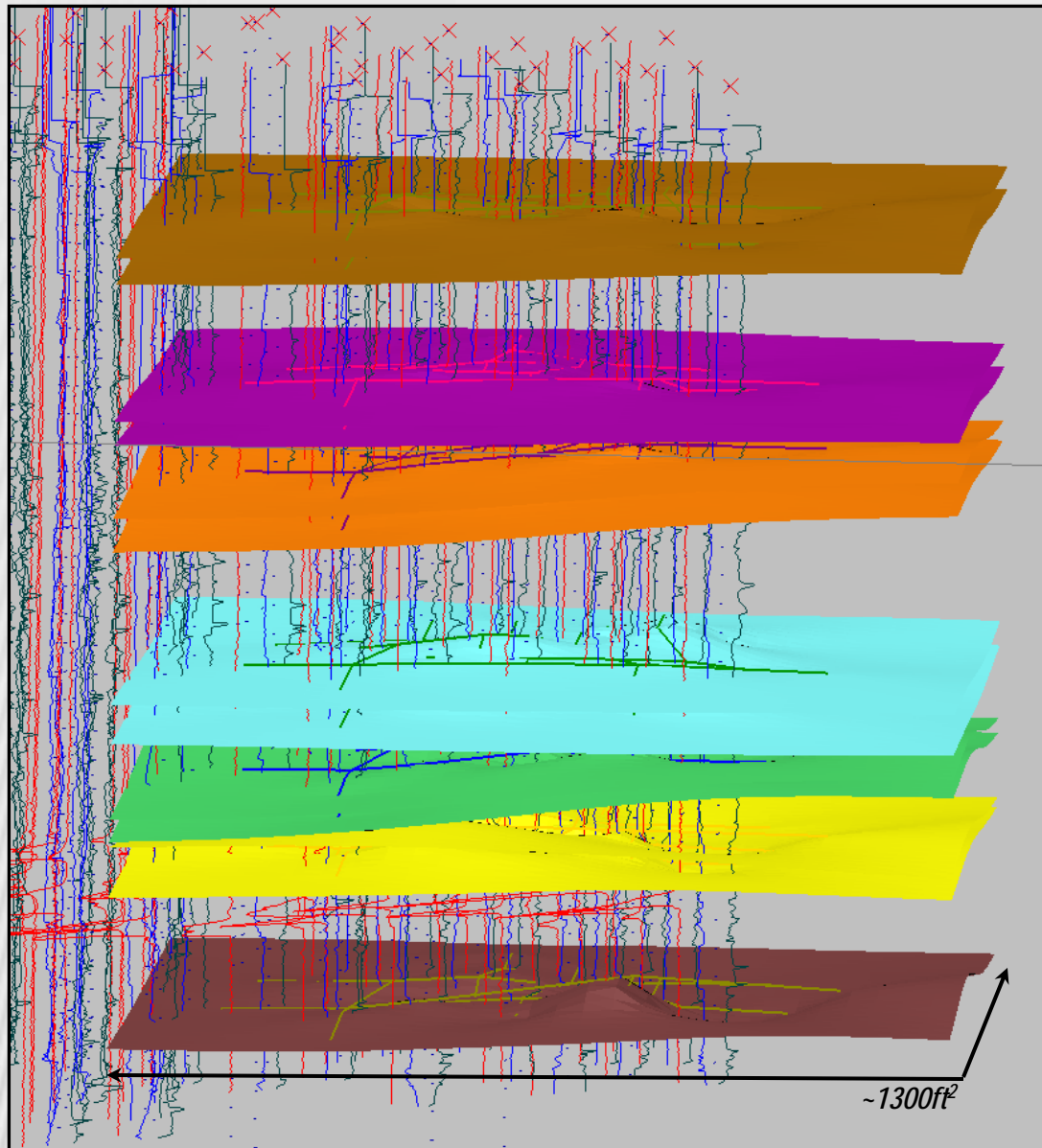


2 Dimensional View of Geologic Interpretation



Example of detailed baseline well installation surfaces.

Individual Monitor Well Cluster Surface Interpretation



Individual monitor well cluster shown with 3x vertical exaggeration.

The surfaces are defined by the digitized polylines that are visible on each surface.

Each polyline is a geologist interpretation of the subsurface drill hole data



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Wide 2D View of Interpreted Area

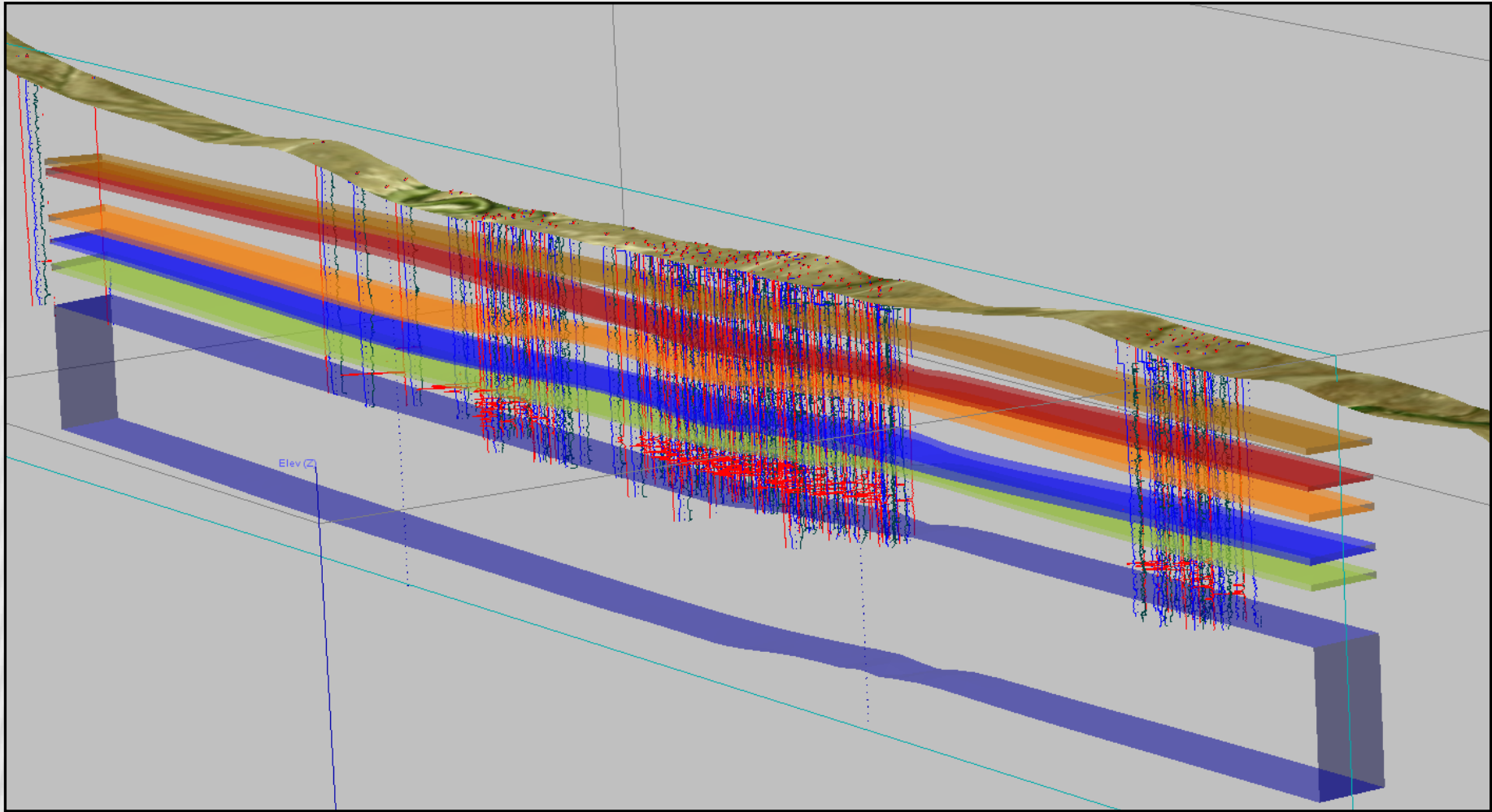


View of surfaces generated over a broad area. The gamma curve in red is very distinguishable and lies within the sandstones just above the thick basal shale and the upper confining shales.



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Oblique 100 meter Slice of Drill Hole Data

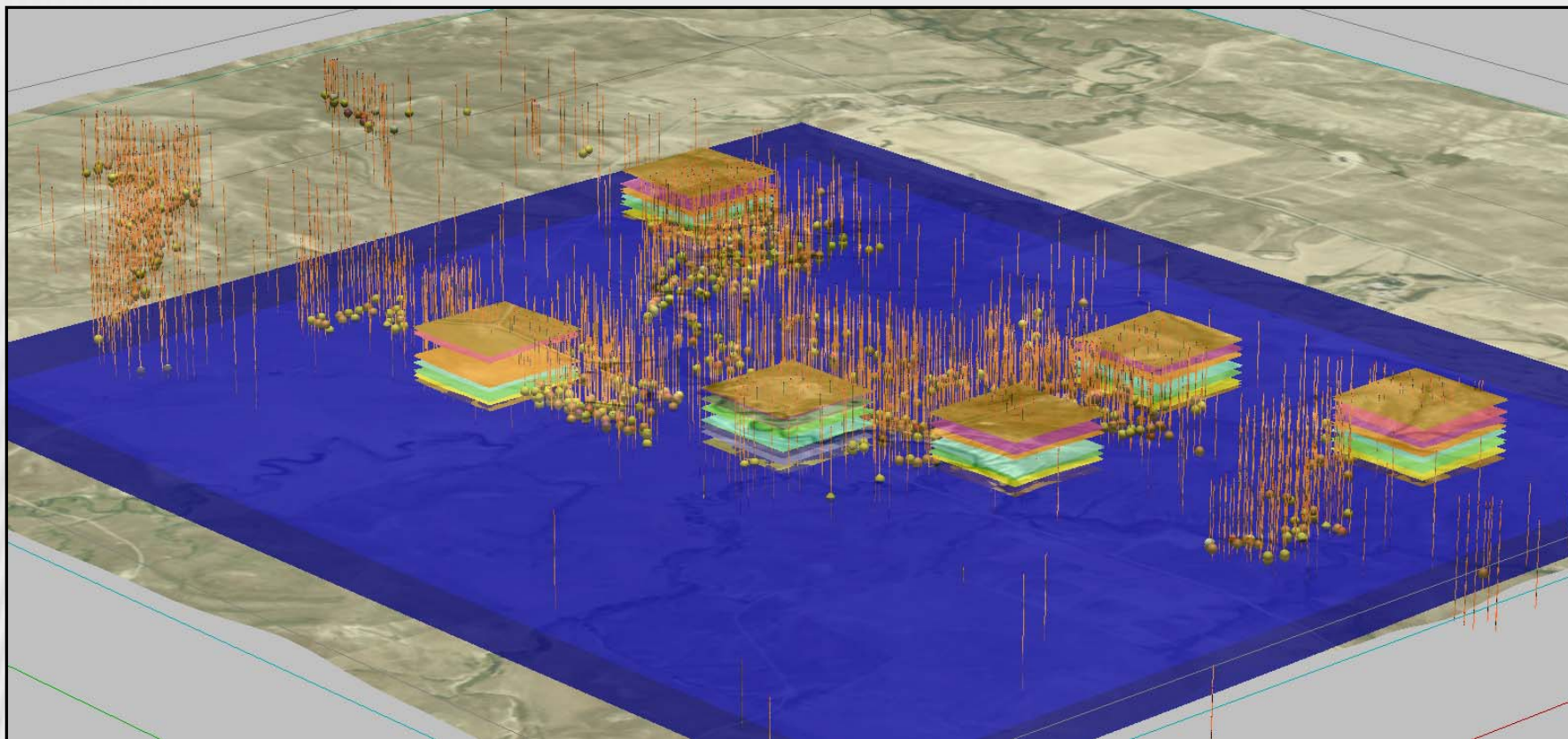


3D view of vertical cross section projected 100 meters deep. The ability to portray data in 3D enables the geologists to readily examine subsurface data and make informed decisions concerning project drilling and development.



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Lance Uranium Project Geologic Modeling



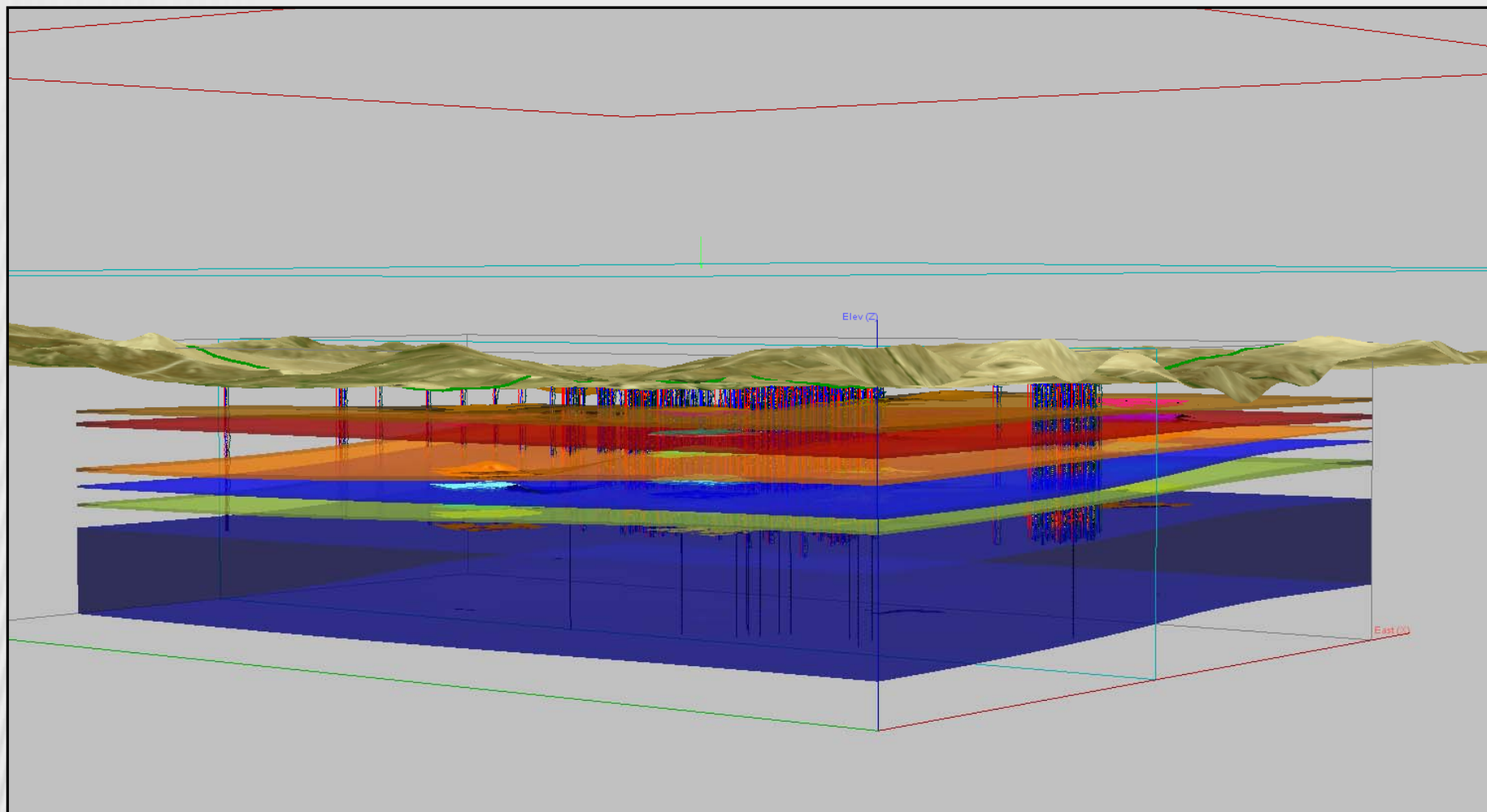
Utilizing GEMCOM software to produce a 3D subsurface Geologic model

- Central database incorporates historic and current drilling data
- Collaborative geologic and resource data guides development program
- 3 Dimensional control of key geologic surfaces validated against known drill hole data points



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Oblique View of Project Area

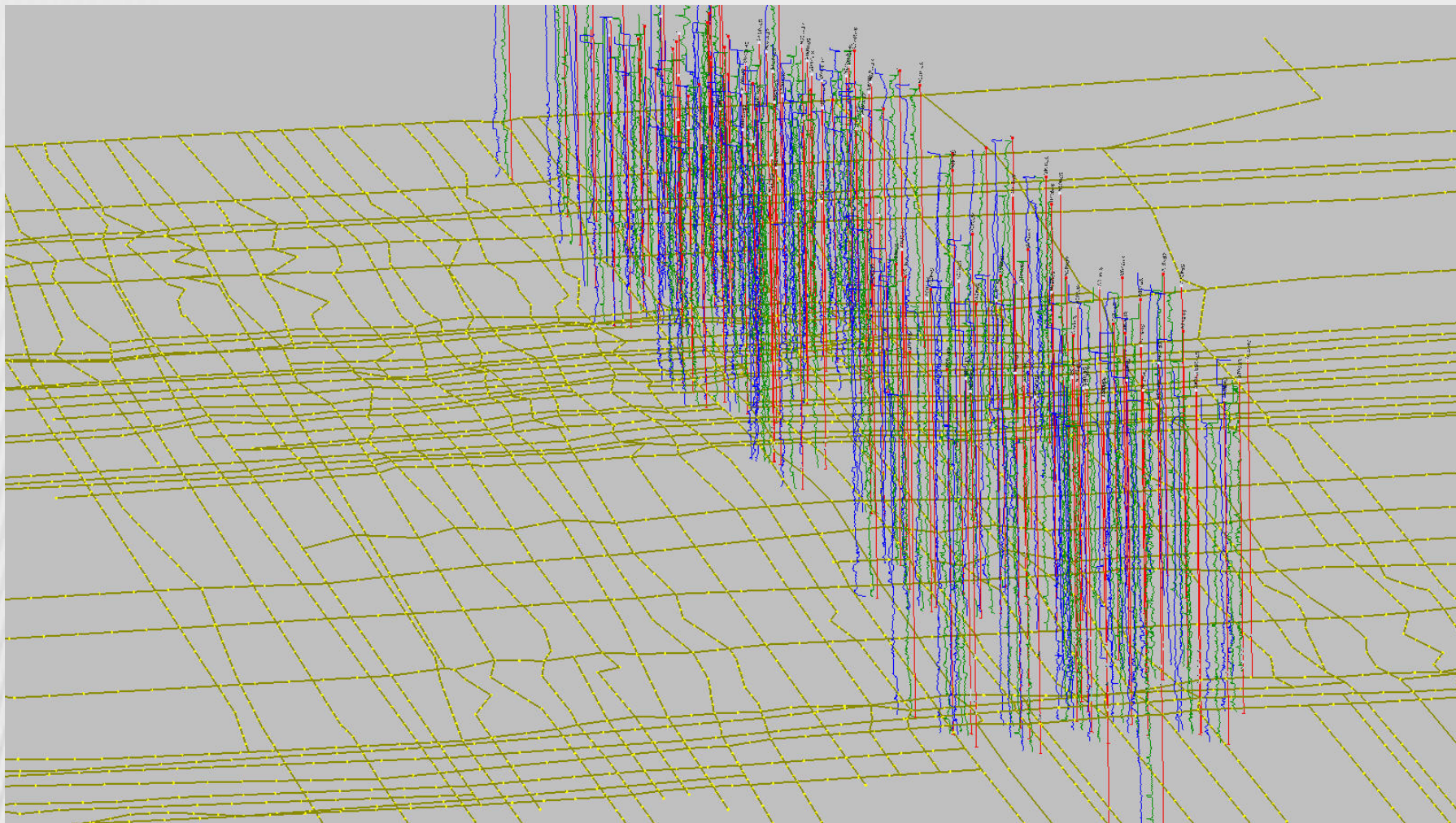


Shown with 3x vertical exaggeration, this block model illustrates the key confining surfaces within the area



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Construction of Basal Shale Surface

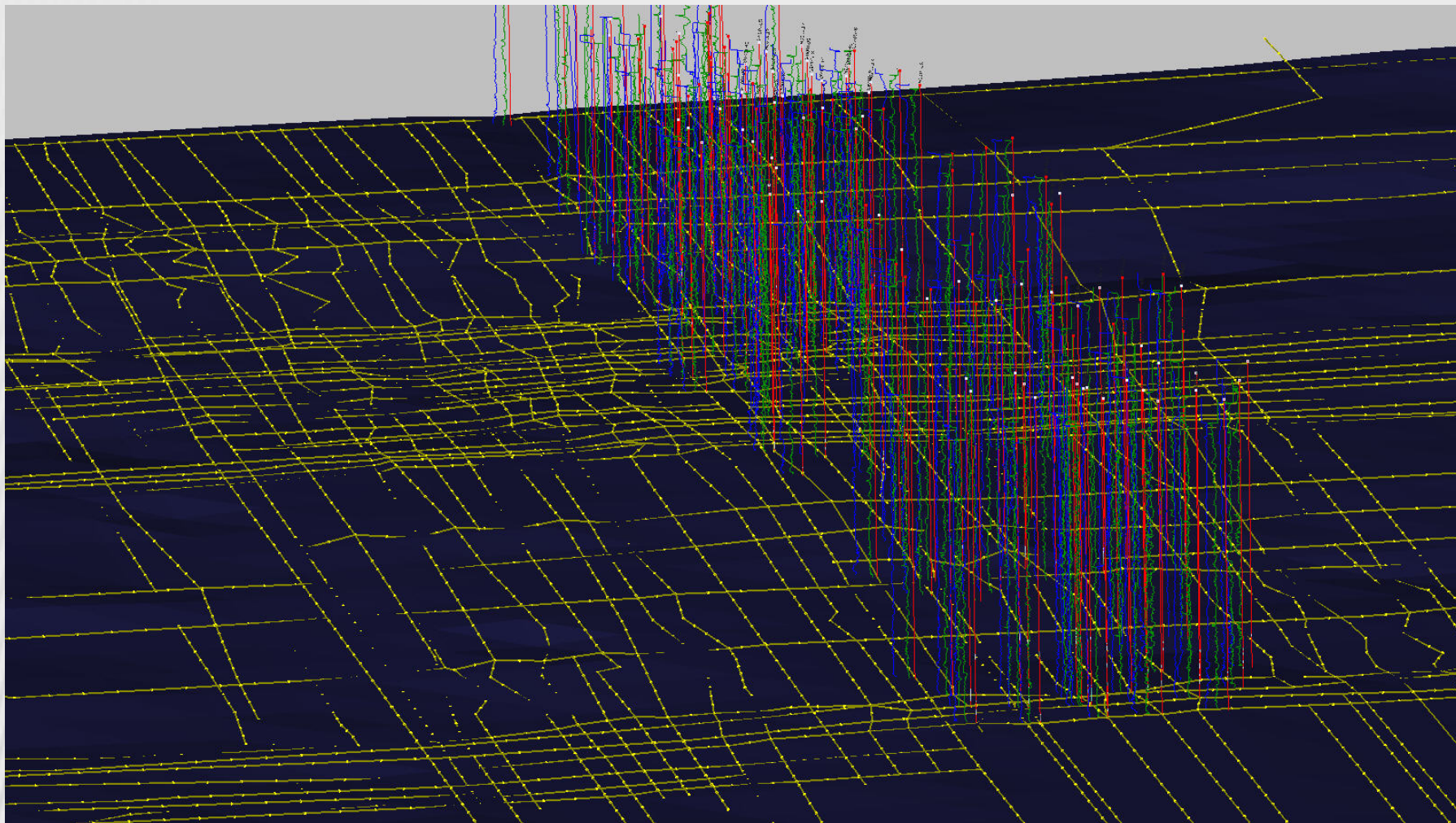


E-W, N-S Sectional Interpretation



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Construction of Basal Shale Surface

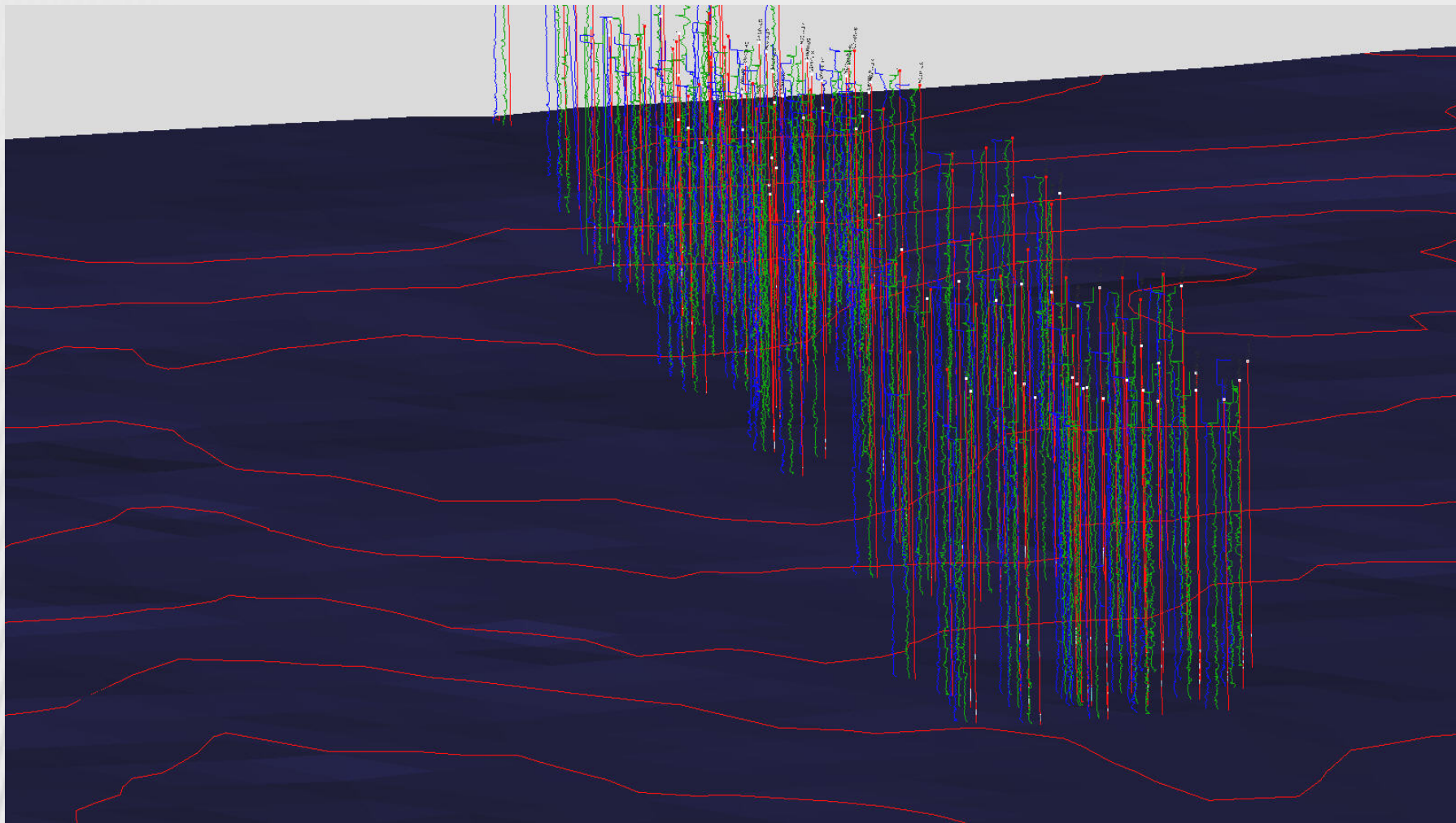


Surface generation



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Construction of Basal Shale Surface



Surface Structure Contour



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