

Underpressured Fruitland Coal Pilot Infill Study

Geologic Exhibits

Burlington Resources

Steven Thibodeaux

Sr. Staff Geologist

Underpressured Fruitland Coal Pilot Infill Study

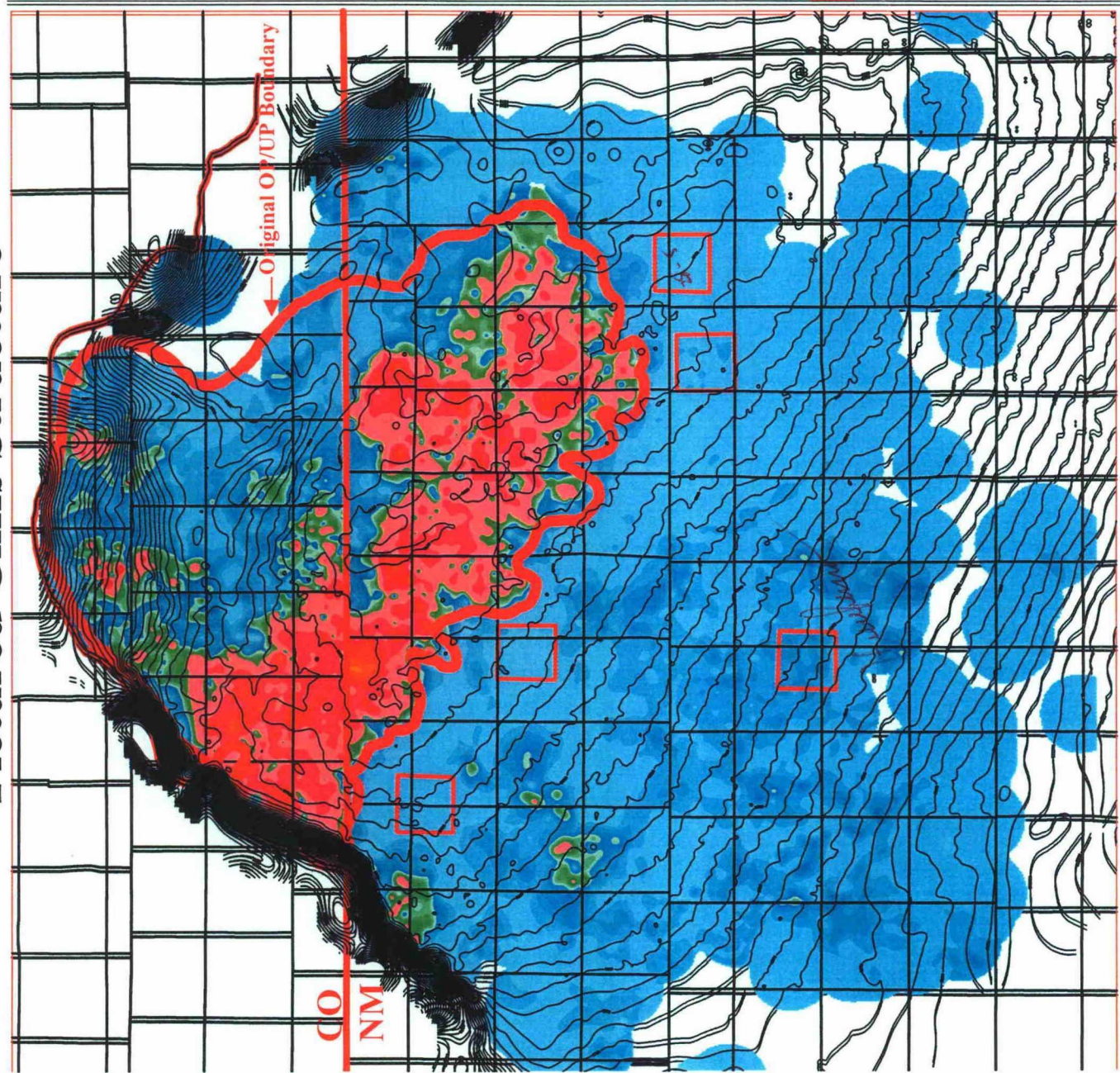
San Juan Basin Geological Setting for
Fruitland Coal

Geological Overview Summary

- Structure has minimal impact in underpressured area
- Nine coal packages identified and mapped
- Major coal packages correlatable throughout basin
- Modern analogues of Fruitland coal model exist
- Individual coal bed discontinuities

➤ ex. Davis #505S

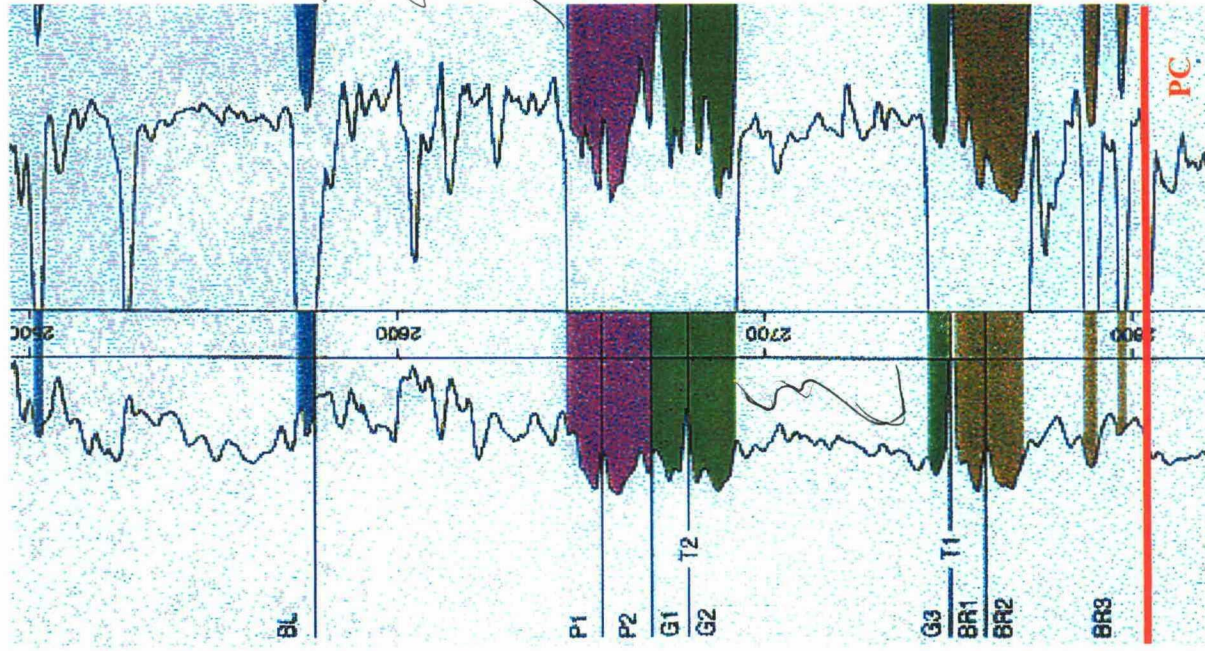
Pictured Cliffs Structure



Fruitland Coal 06/01
Daily Production rate
 Blue: 0 - 500 MCFD
 Green: 500 - 1000 MCFD
 Red: >1000 MCFD

CI: 100'

Type Log for Coal Package Layers T32N - R11W, CO



Schematic Cross Section
Fruitland Formation
San Juan Basin

SW

NE

New Mexico | Colorado

Kirtland Formation

Fruitland Formation

coal units

Upper coals

Middle coals

Basal coals

BL

P1

P2

G1

G2

G3

BR1

BR2

BR3

Ty

Y

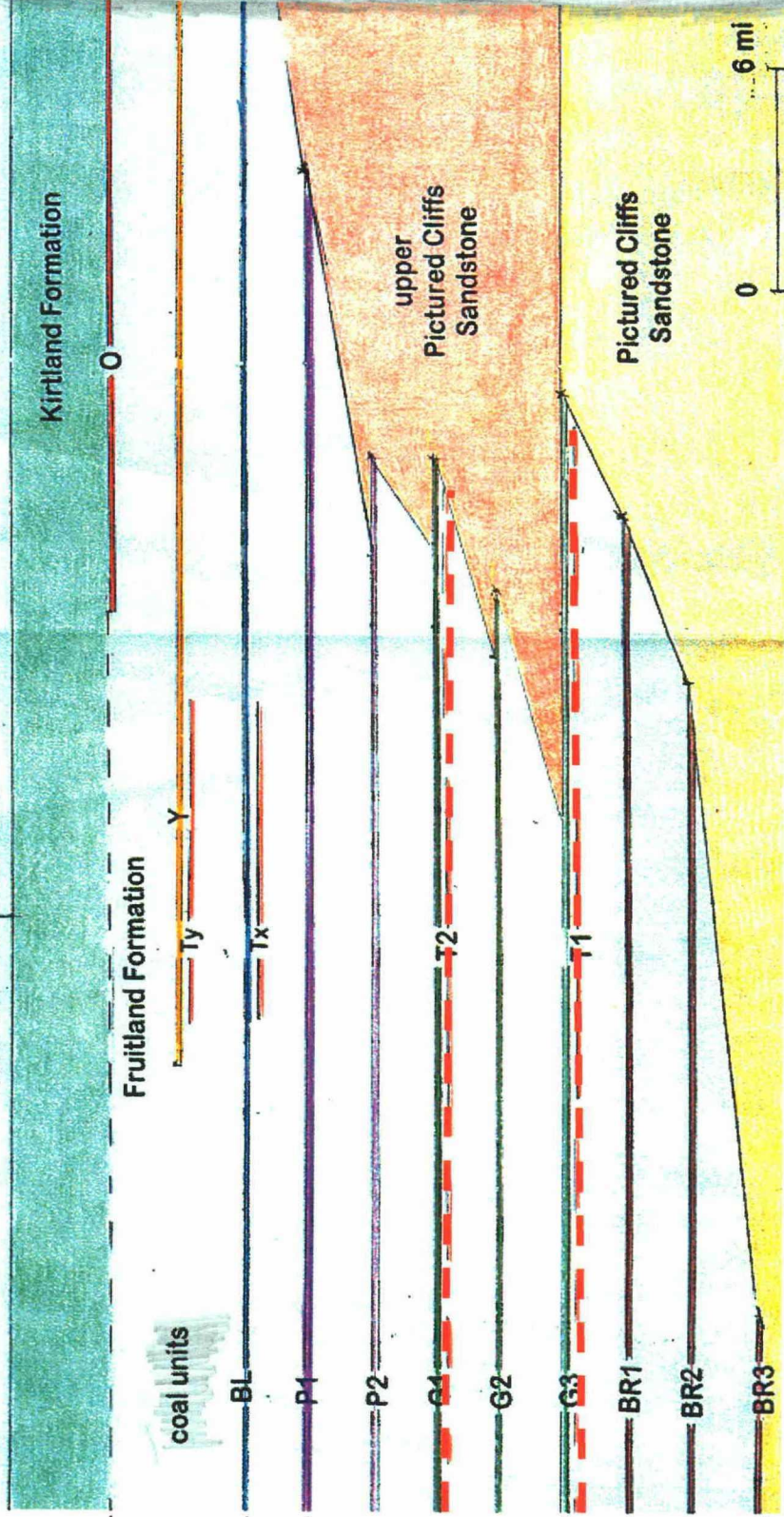
Tx

upper
Pictured Cliffs
Sandstone

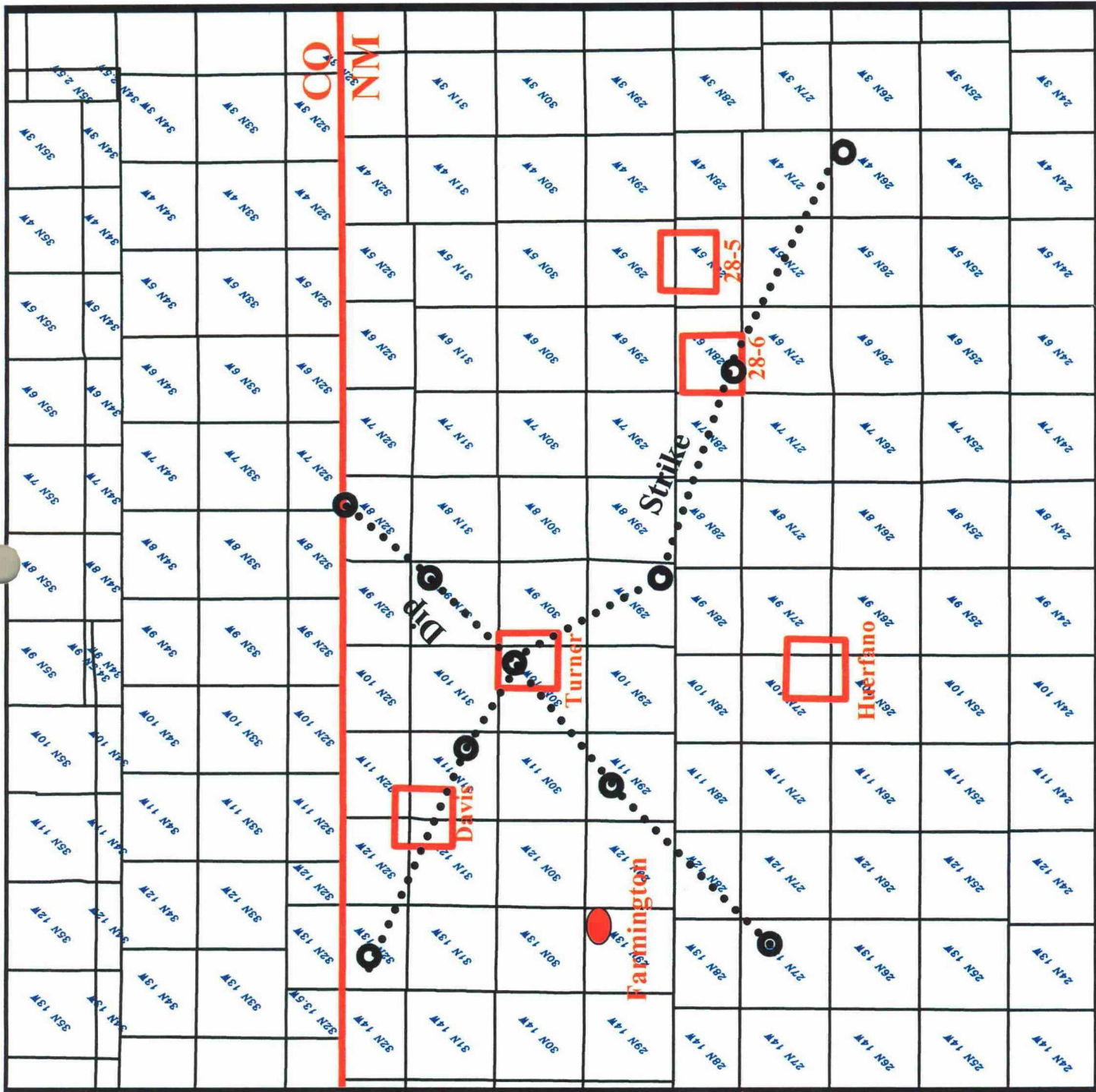
Pictured Cliffs
Sandstone

6 mi

0



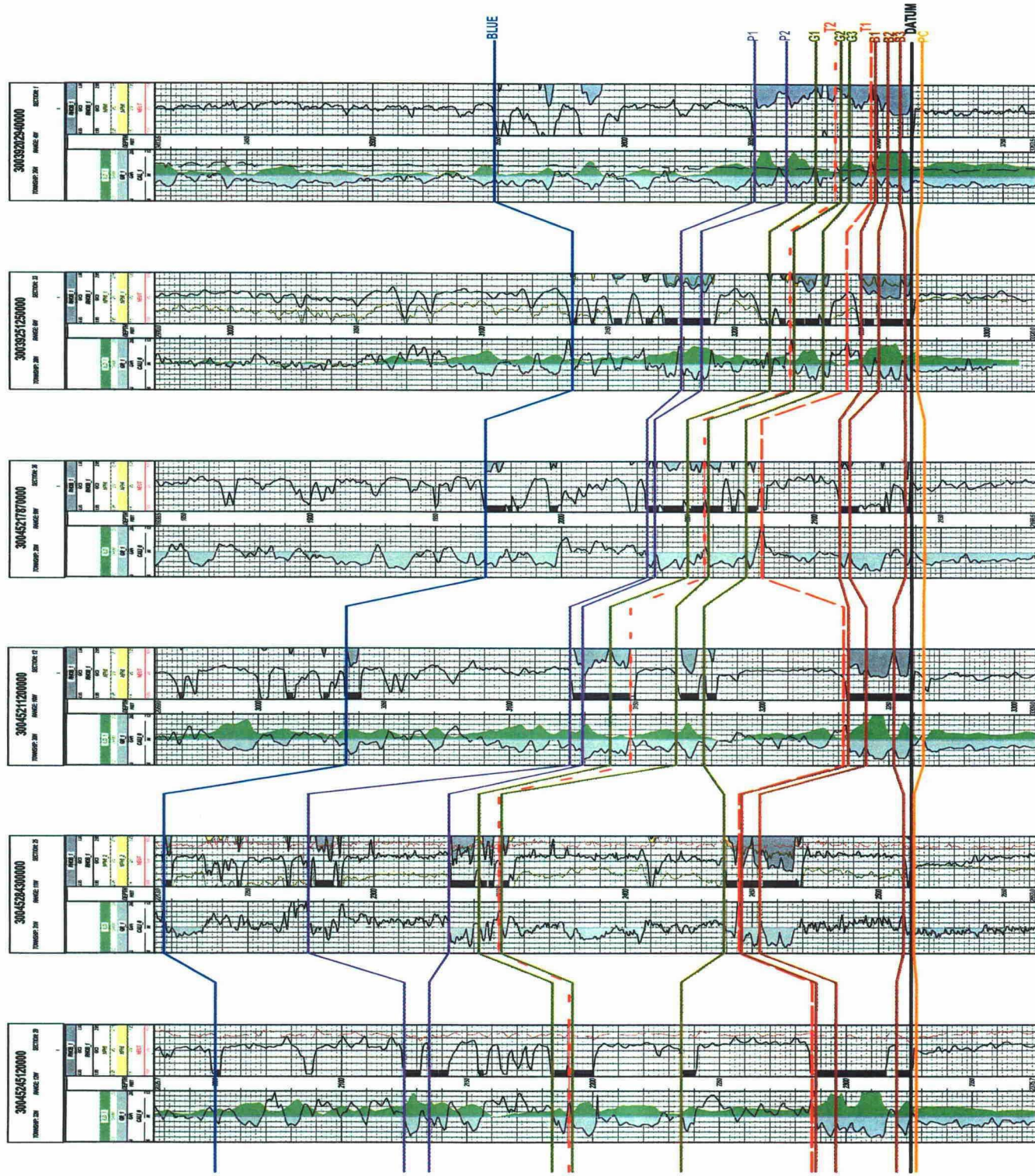
Pilot Infill
Areas



SE

Fruitland Strike Section

NW



NE

The diagram displays four seismic sections, each with a header box containing the following information:

- Section 1:** 30045236220000, SECTION 10, TOWNSHIP 23N, RANGE 10W. Depth scale: 2800 to 3000.
- Section 2:** 30045273770000, SECTION 11, TOWNSHIP 24N, RANGE 10W. Depth scale: 2100 to 2300.
- Section 3:** 30045211200000, SECTION 12, TOWNSHIP 23N, RANGE 10W. Depth scale: 2000 to 2200.
- Section 4:** 30045240010000, SECTION 13, TOWNSHIP 23N, RANGE 11W. Depth scale: 1600 to 1800.
- Section 5:** 30045210150000, SECTION 14, TOWNSHIP 23N, RANGE 11W. Depth scale: 1000 to 1200.

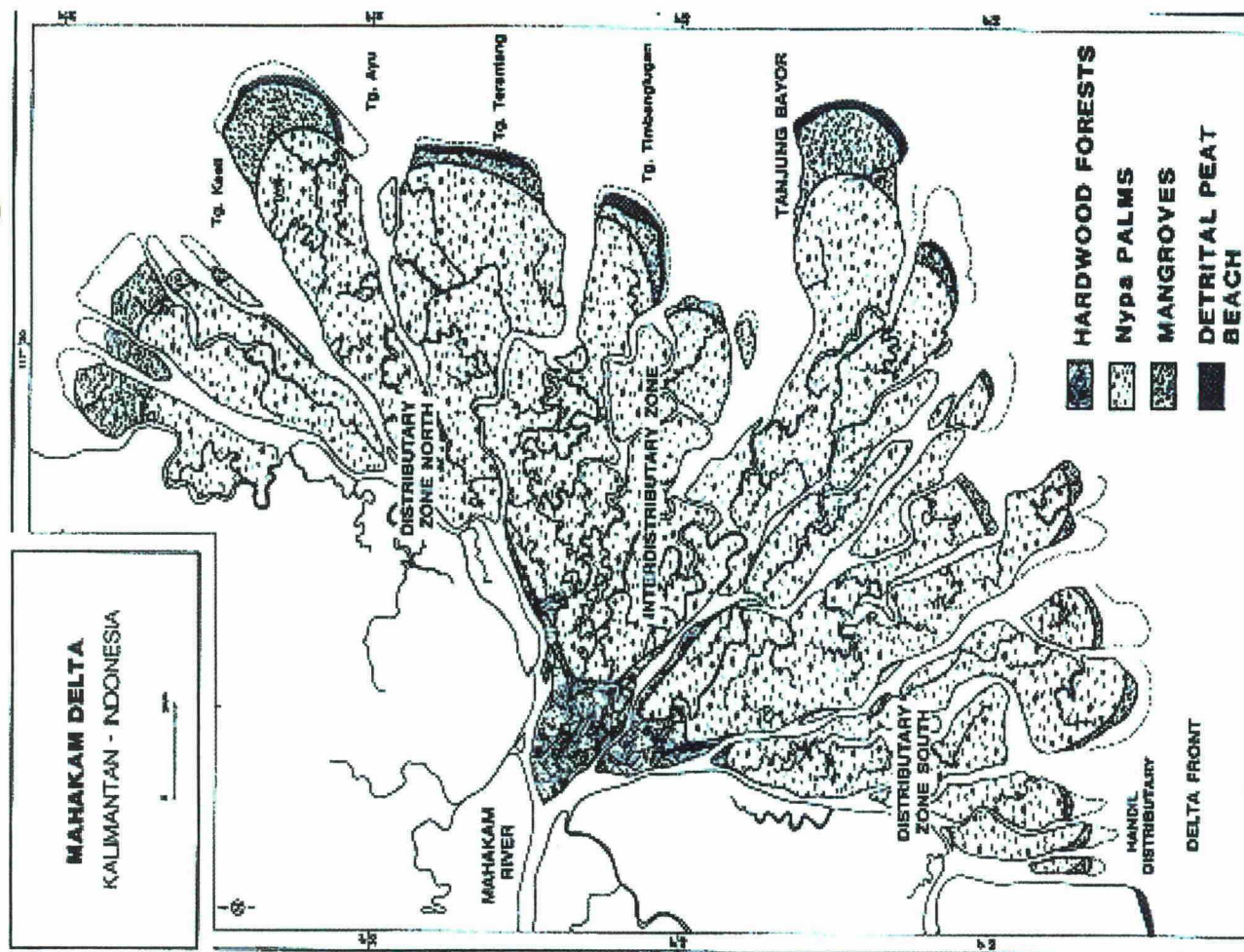
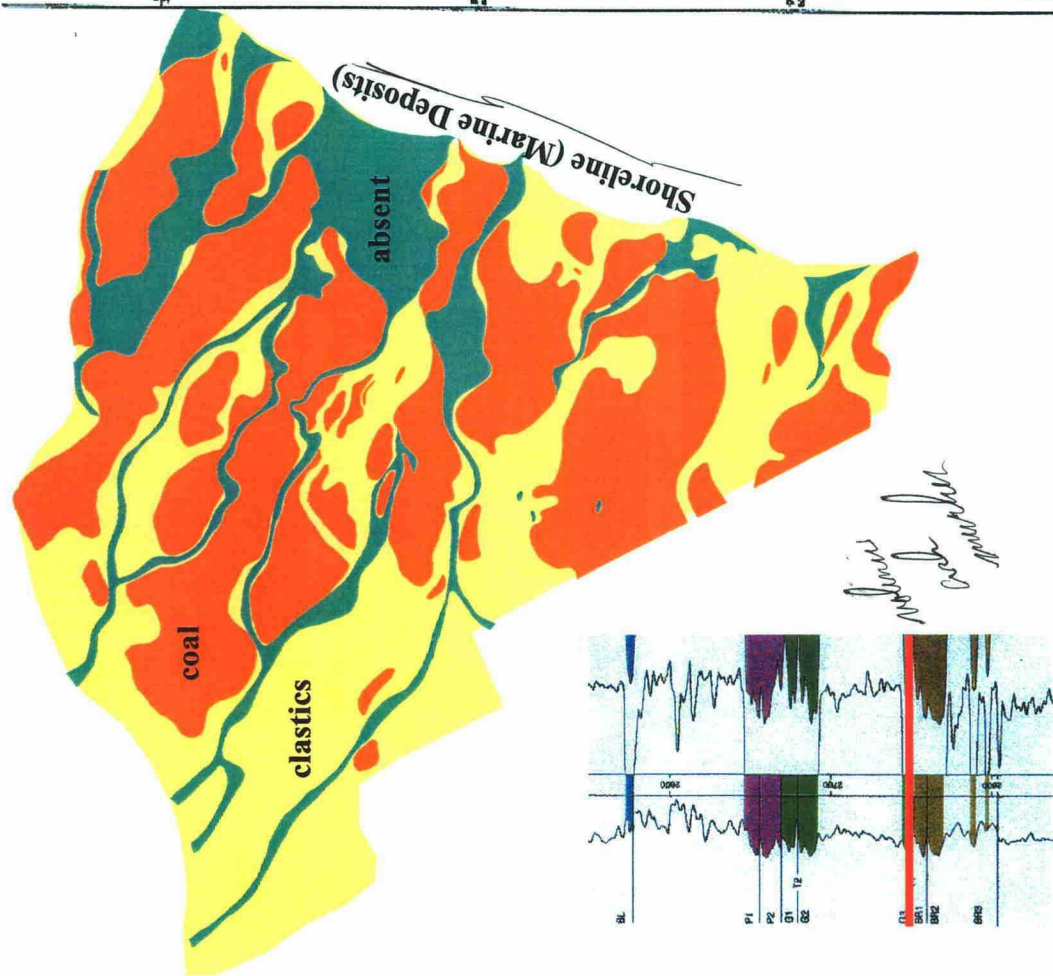
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Key geological features and labels include:

- BLUE:** A vertical line indicating a specific geological feature or boundary.
- P1, P2:** Points or features marked on the sections.
- G1, G2:** Green-shaded areas representing geological units.
- T1, T2:** Red dashed lines representing geological features.
- B1, B2:** Blue-shaded areas representing geological units.
- DATUM:** A horizontal line indicating a reference level.

T1 Subcrop Map



NW

Strike Section: Davis Infill Area

SE

