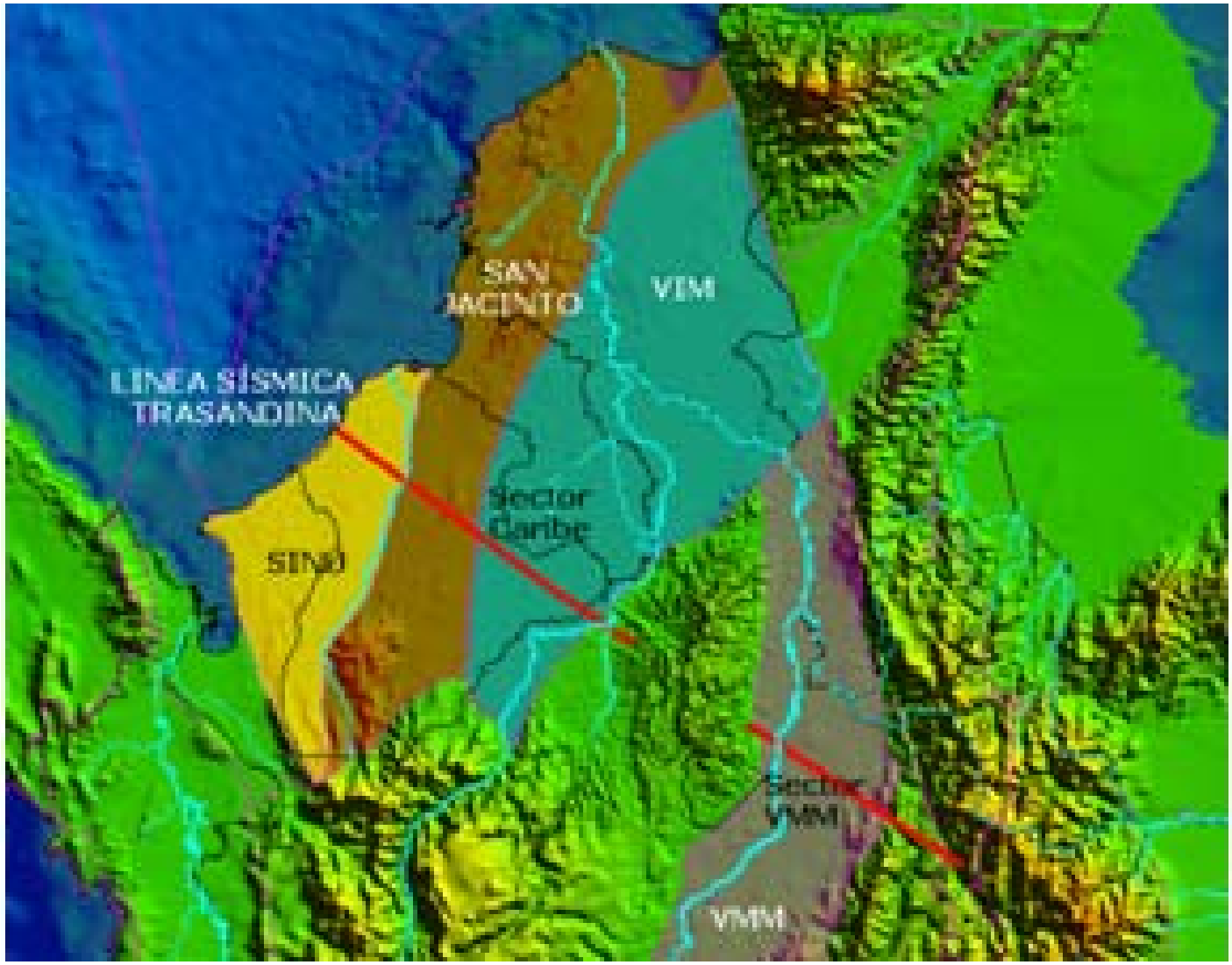
ANH

LOCALIZACIÓN



VALLE MEDIO – CORDILLERA ORIENTAL

- Bloques levantados de tipo compresivo generados durante el Eoceno Inferior.
- Discordancia angular del Eoceno inferior y los depósitos sintectónicos suprayacentes de las formaciones La Paz y Esmeraldas en el piedemonte occidental de la Cordillera Oriental
- Exhumación de la secuencia del Cretácico Inferior y Pre-cretácico a lo largo de la Falla de La India.
- Perspectivas de Hidrocarburos.

PARAMETROS DE ADQUISICION

Registro:

Tipo de Instrumento	Sercel 428 XL
Intervalo de Muestreo	2 ms
Longitud de Registro	20 s.

Fuente:

Profundidad de Pozo	1 pozo a 45 pies
Cantidad de Carga	6300 g
Intervalo de Disparo	50 m

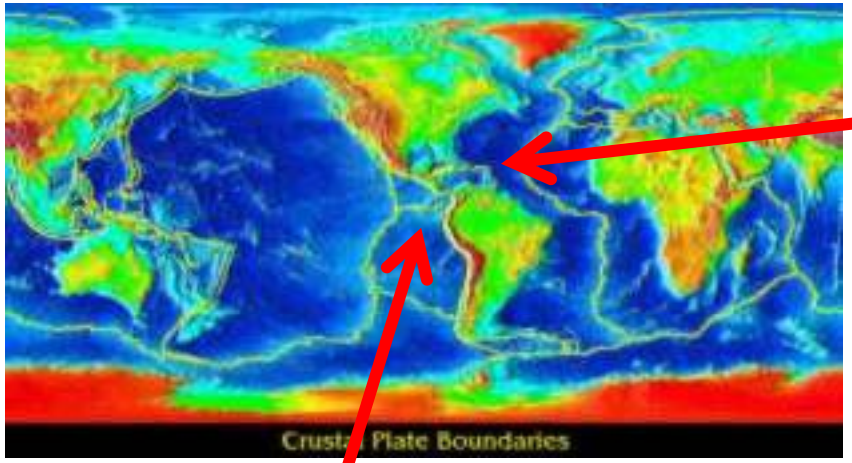
Receptores:

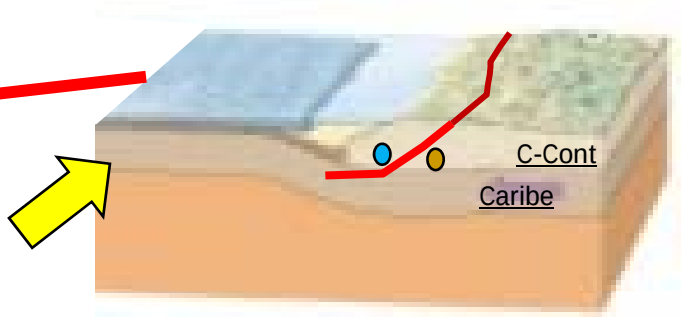
Número de Canales	800
Tendido	Simétrico
Cubrimiento del Subsuelo	400%
Intervalo de Grupo	25 m

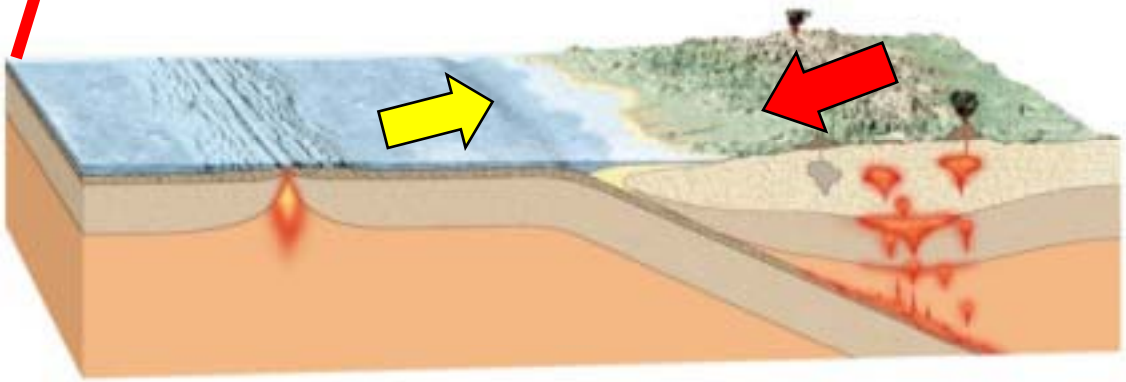
MODELO DE PLACAS TECTONICAS NORTE DE SURAMERICA

Subduccion, Transpresión, Transformación

BLOQUE DIAGRAMA



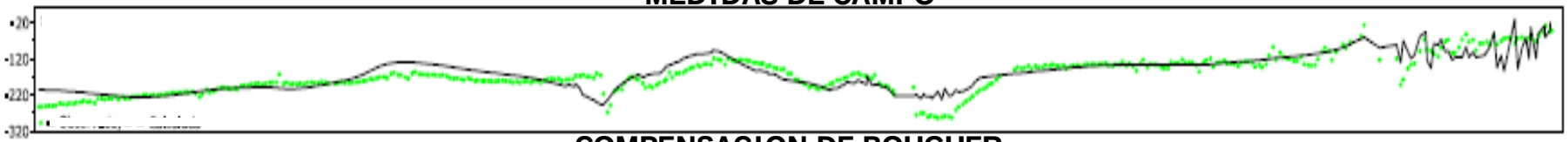




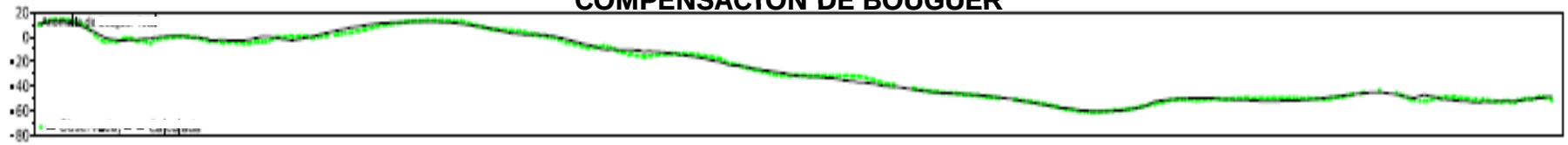
INFORMACION UTILIZADA

GRAVIMETRIA

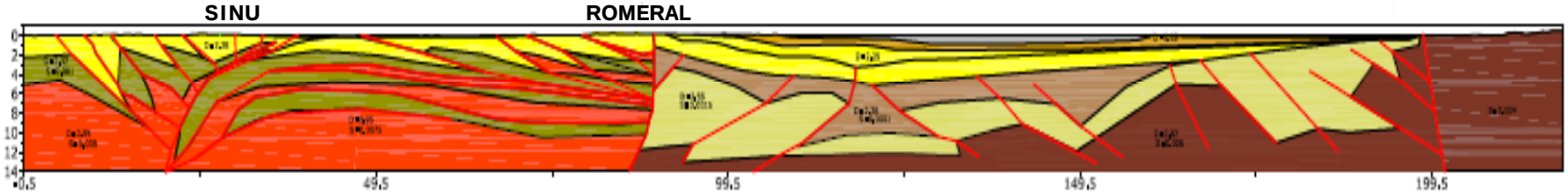
MEDIDAS DE CAMPO



COMPENSACION DE BOUGUER



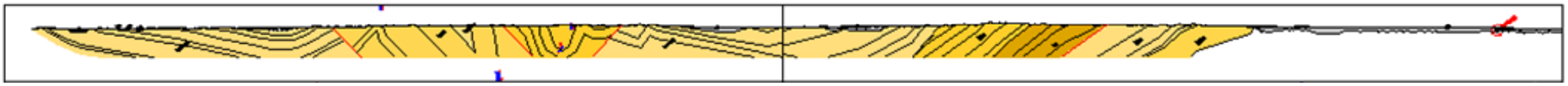
MODELO GEOLOGICO

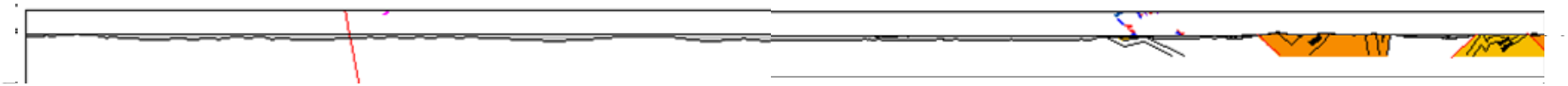


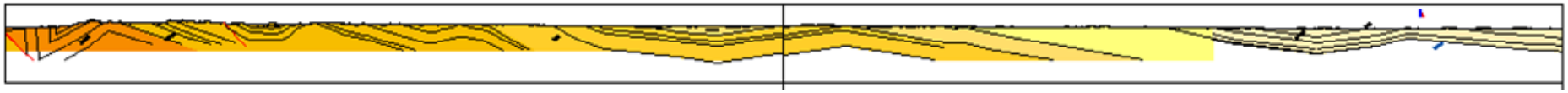
INFORMACION UTILIZADA

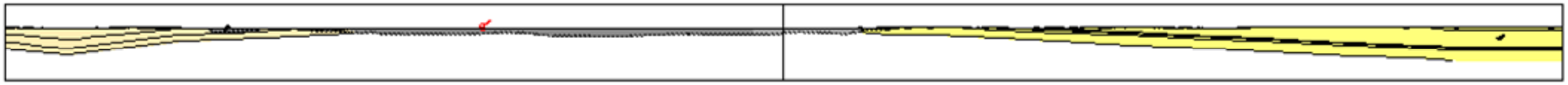
Geosearch ltda

GEOLOGIA DE SUPERFICIE



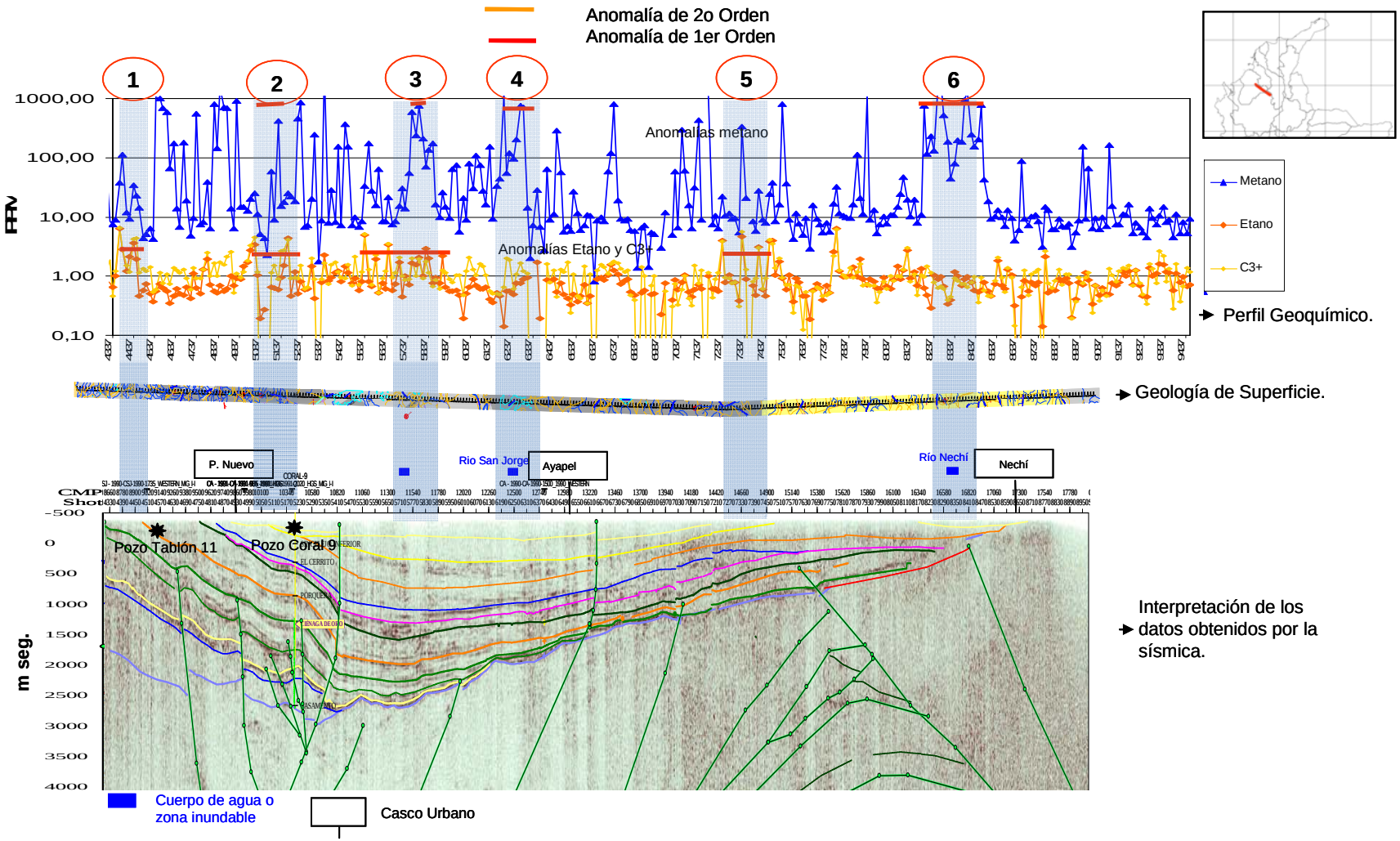






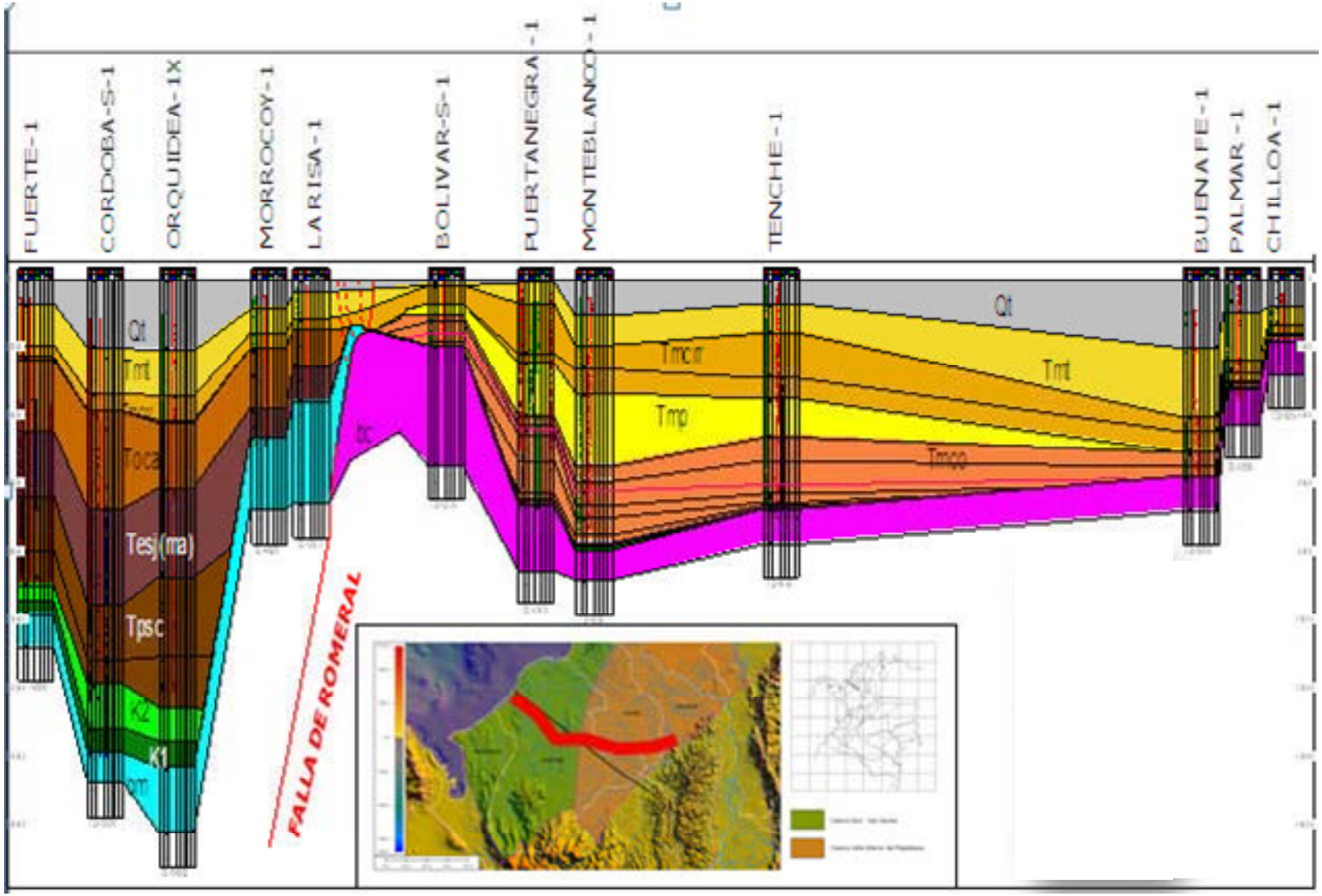
INFORMACION UTILIZADA

GEOQUIMICA



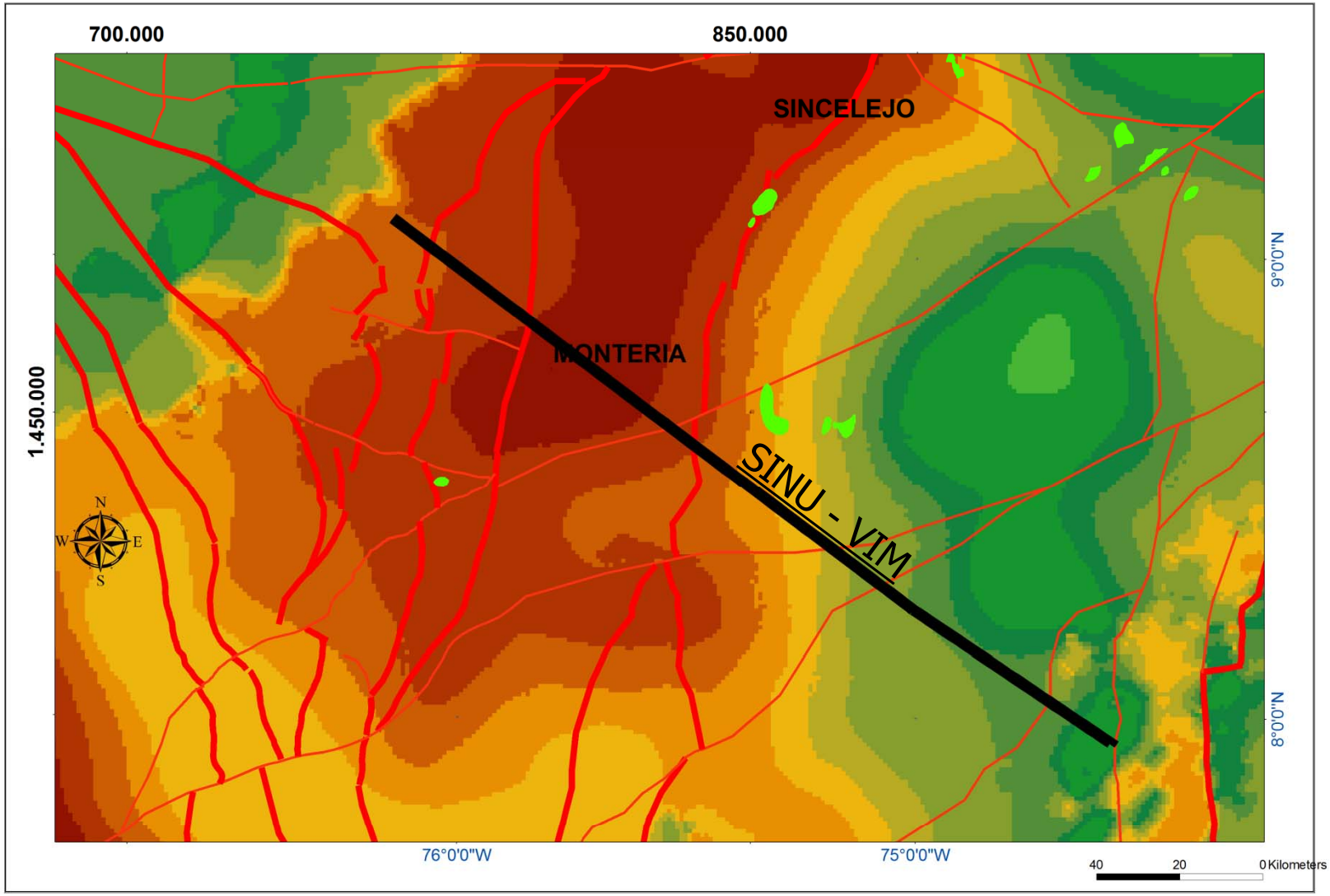
CORRELACION LITOESTRATIGAFICA VIM

INFORMACION UTILIZADA



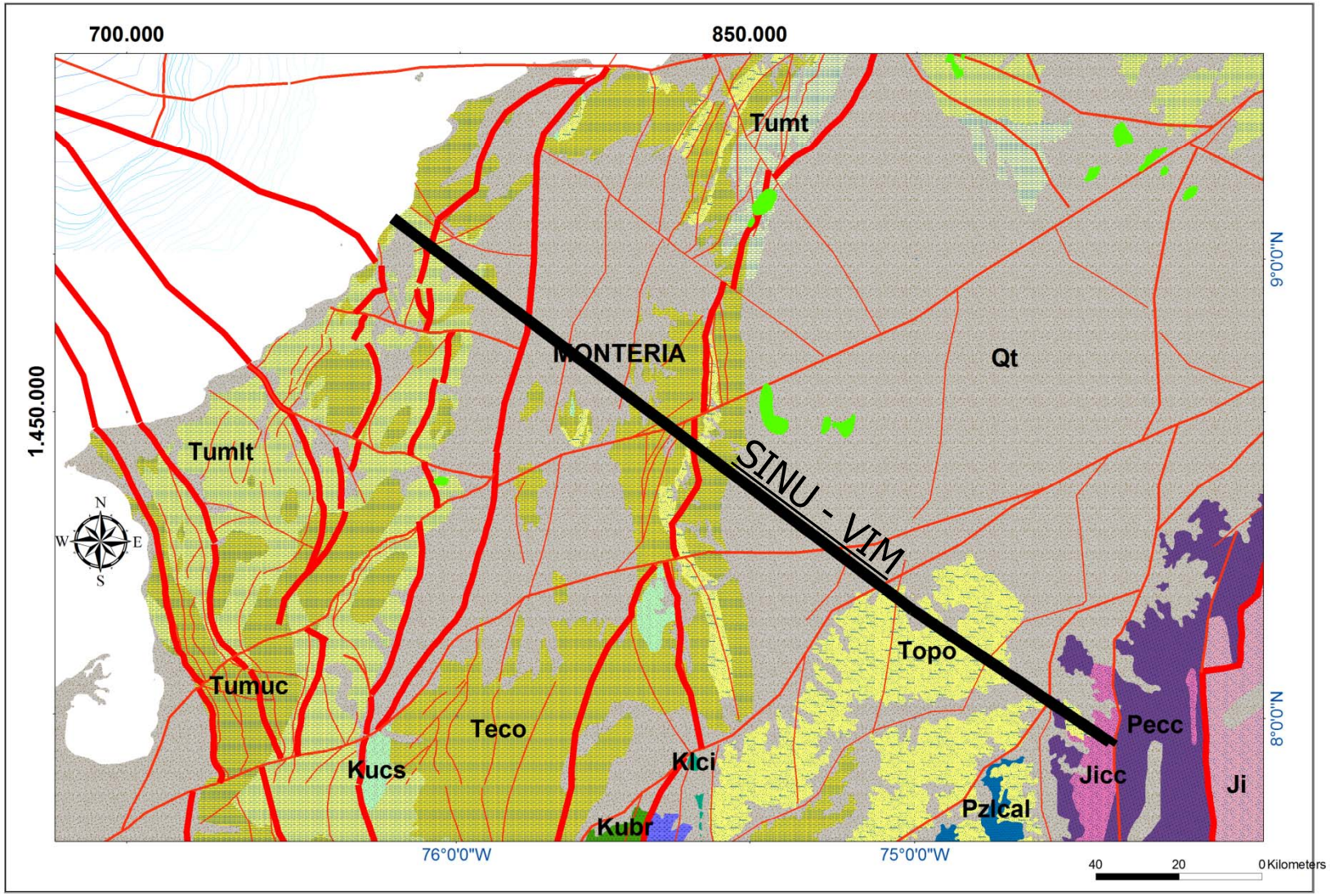
Mapa de Basamento (gravimetria)

INFORMACION UTILIZADA



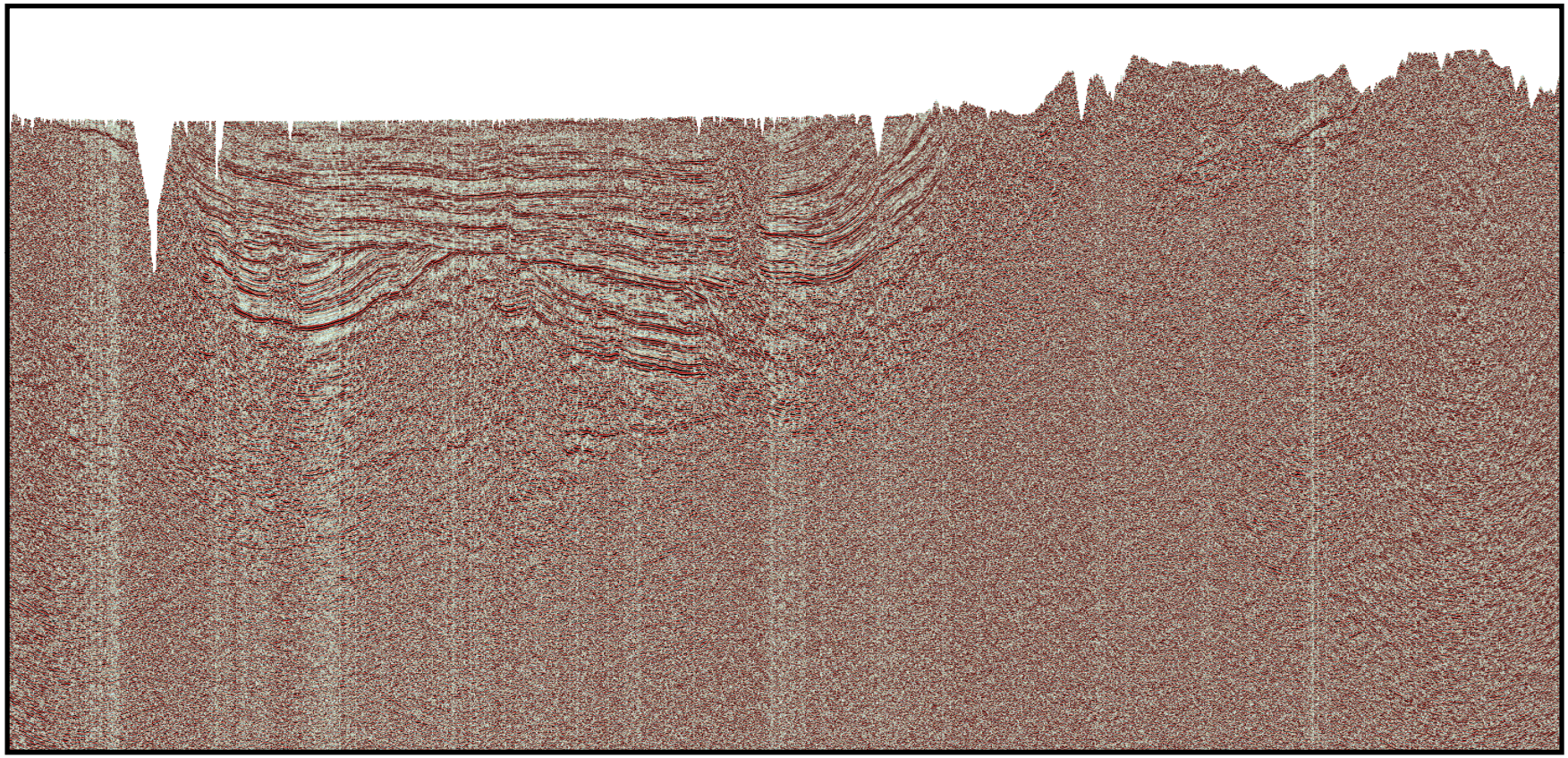
Tomado Ariana 2008

MAPA GEOLOGICO VIM



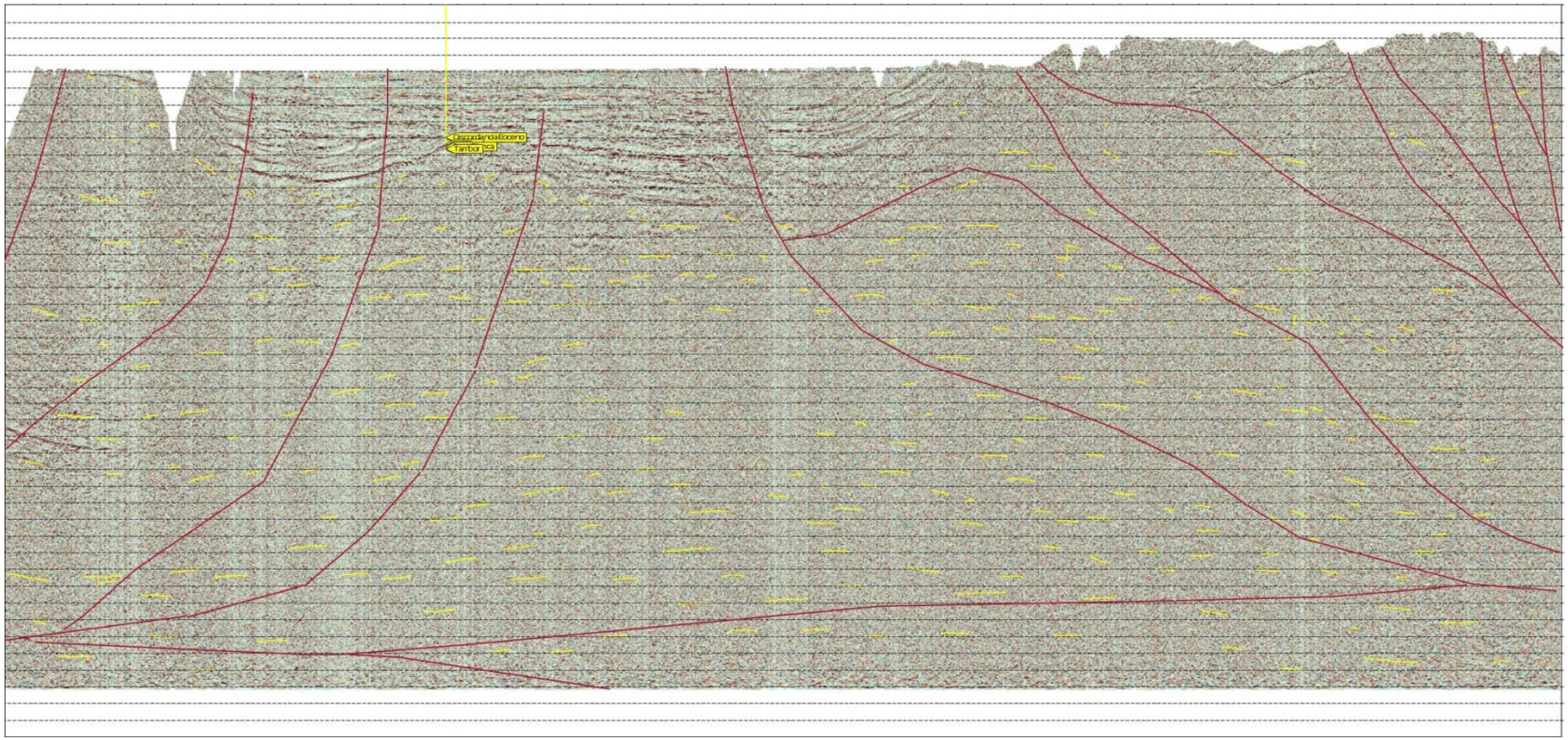
Tomado Ariana 2008

VMM – C.O.



INTERPRETACION

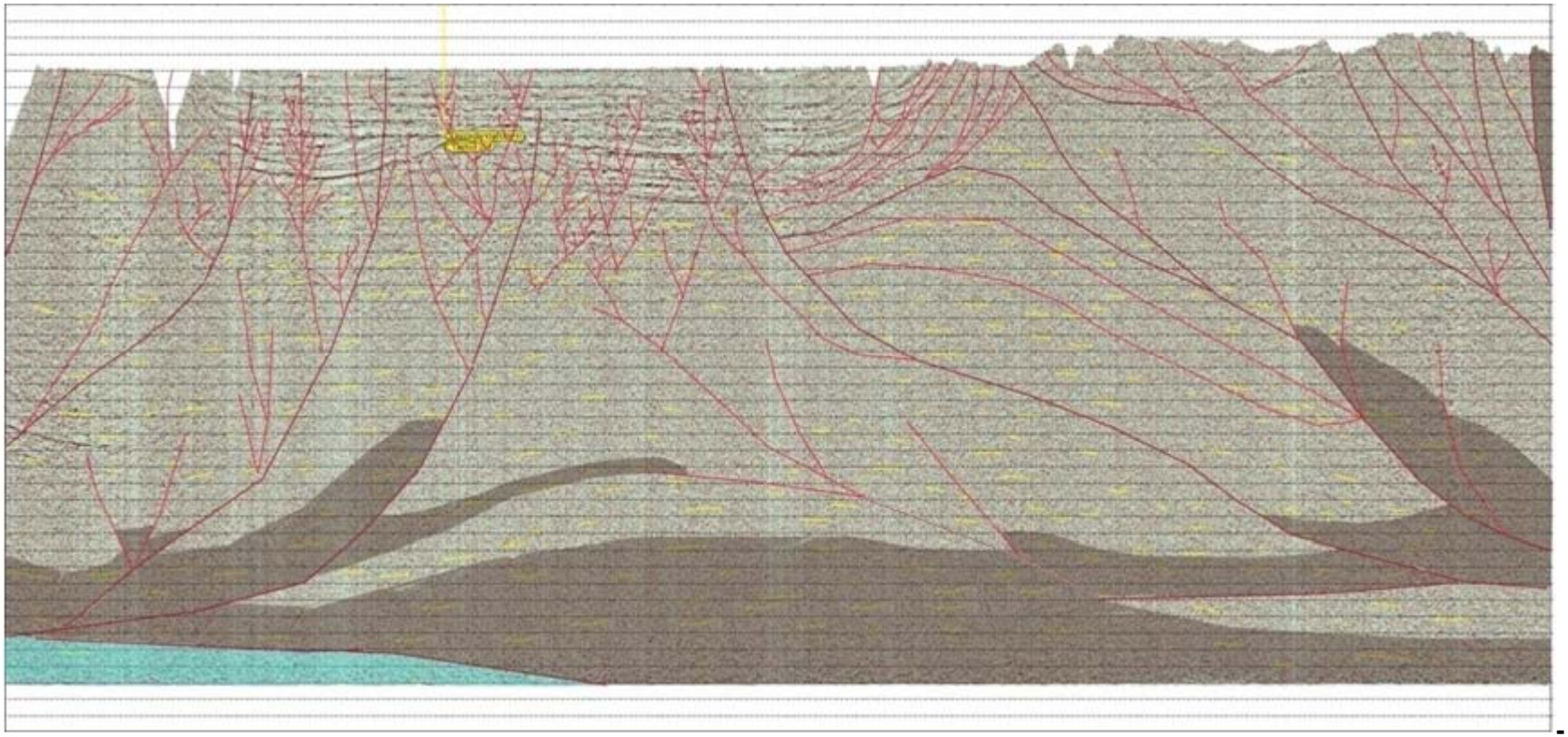
FALLAS MAYORES



VMM - CO

INTERPRETACION

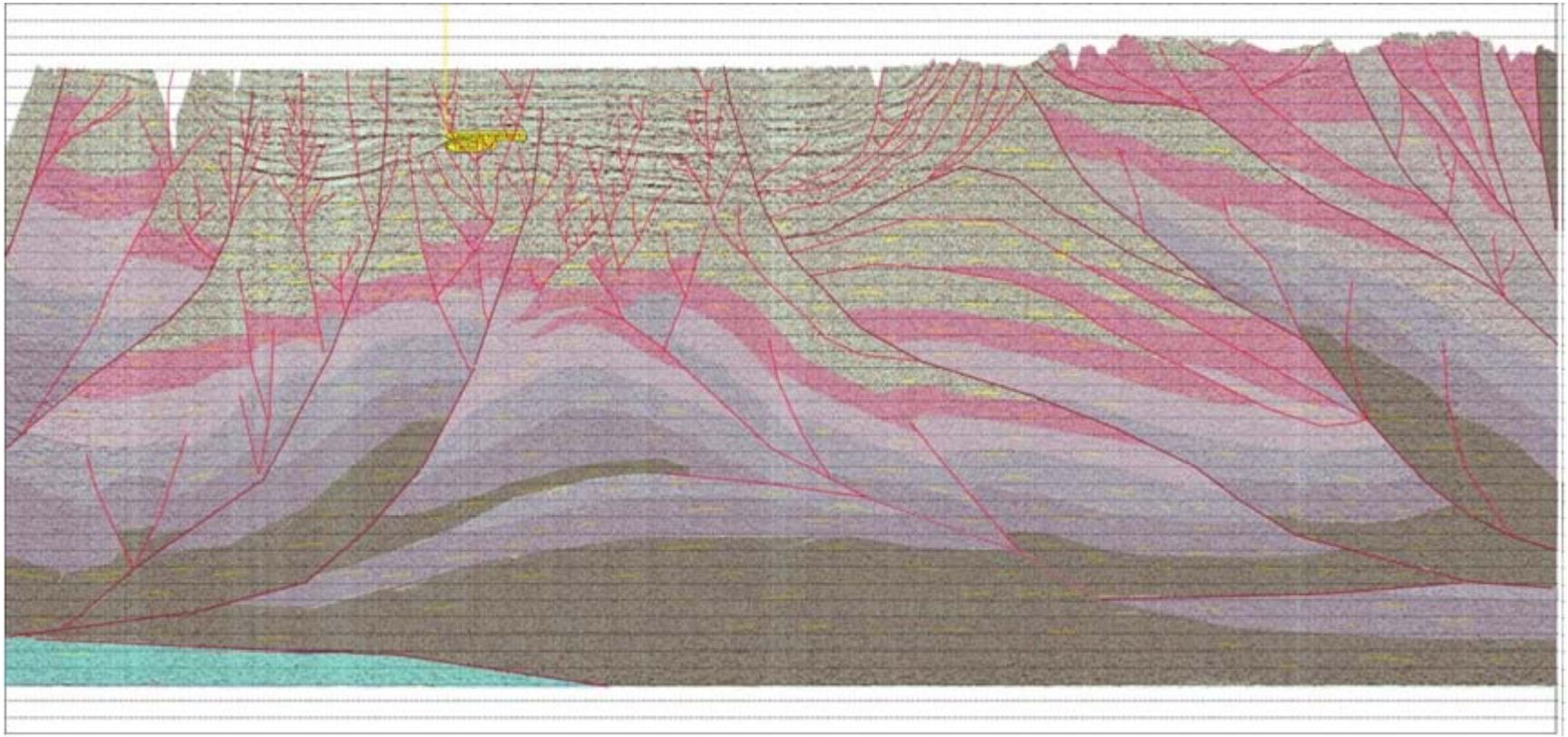
BASAMENTO CONTINENTAL Y OCEANICO



- CO

INTERPRETACION

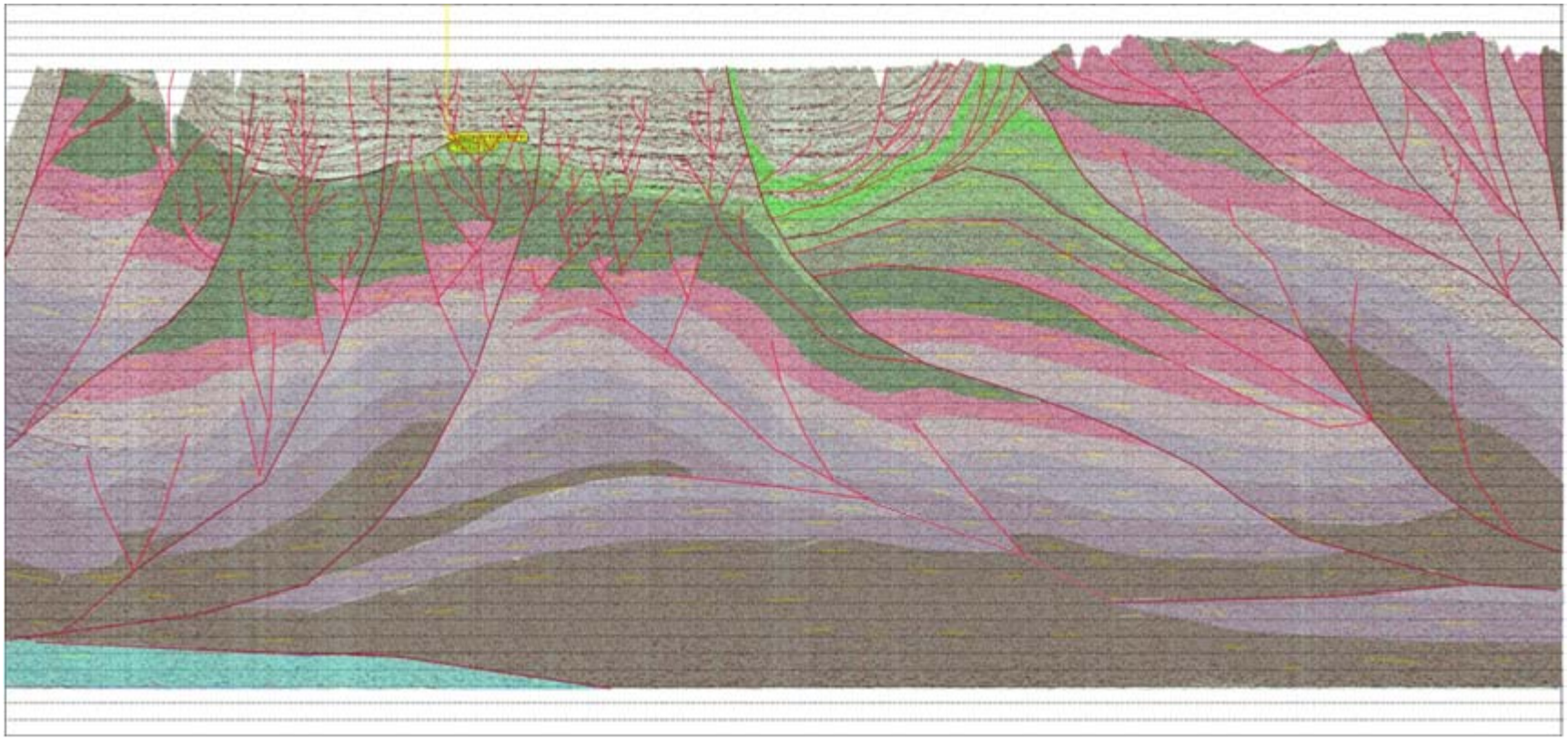
PRECRETACICO



VMM - CO

INTERPRETACION

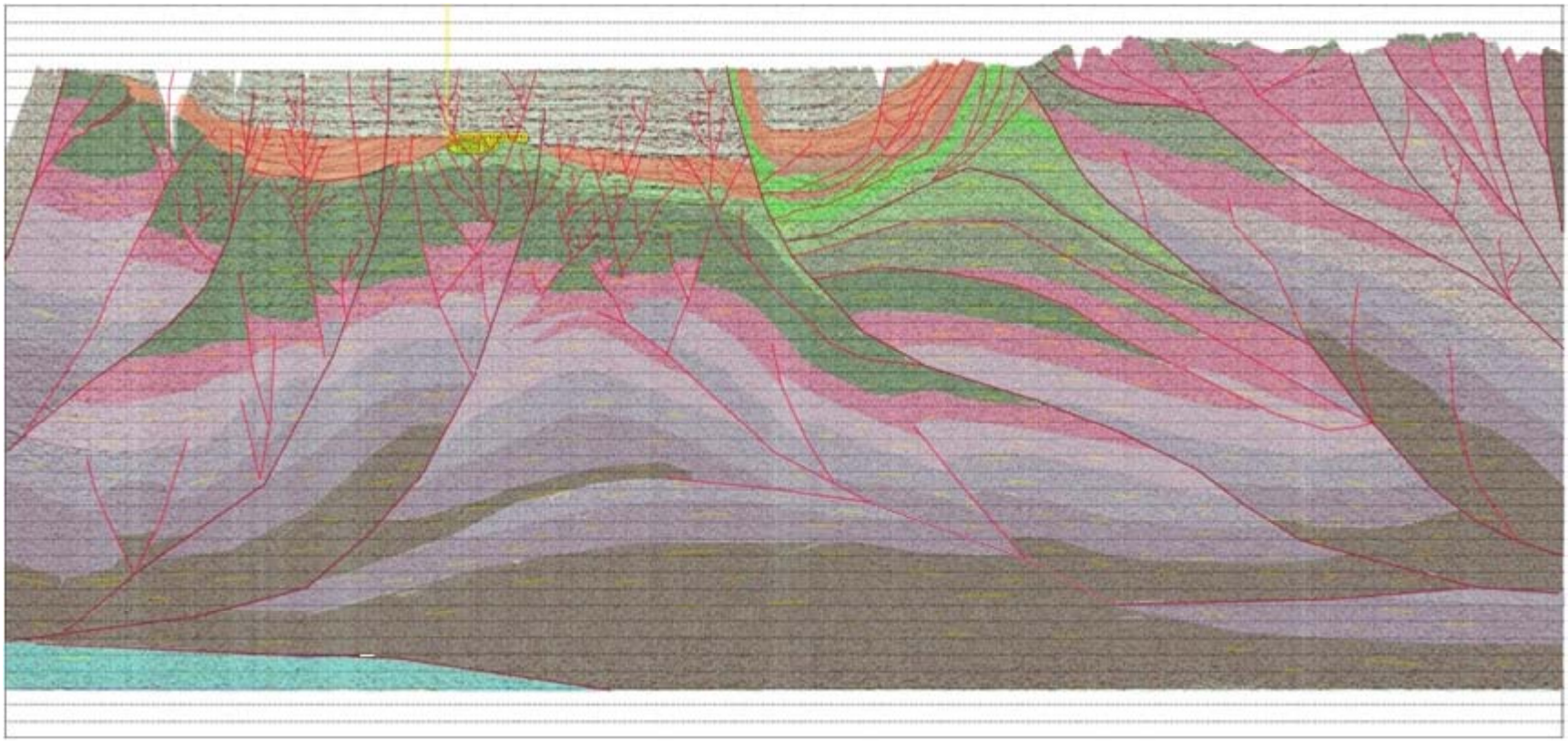
CRETACICO



VMM - CO

INTERPRETACION

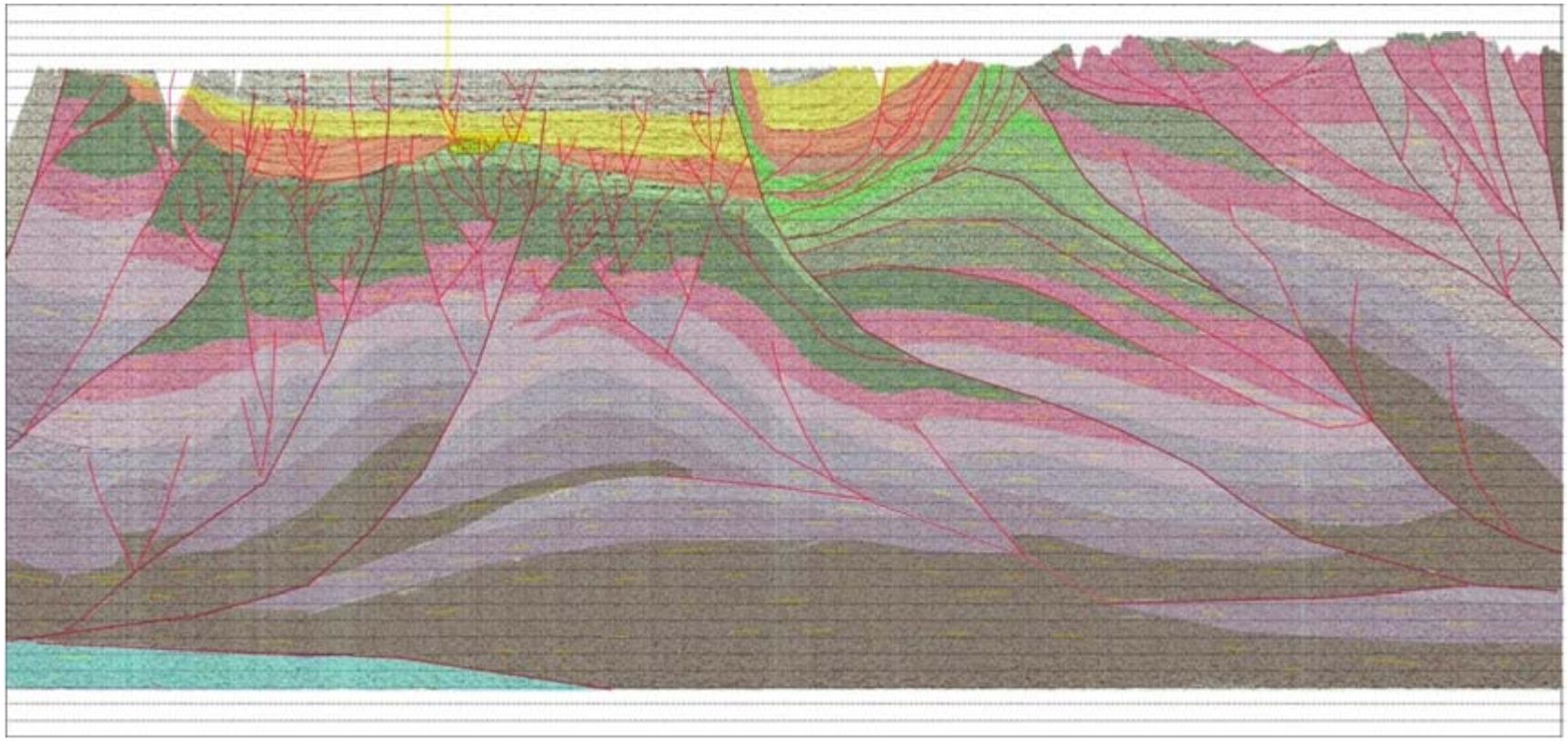
EOCENO SUPERIOR



VMM - CO

INTERPRETACION

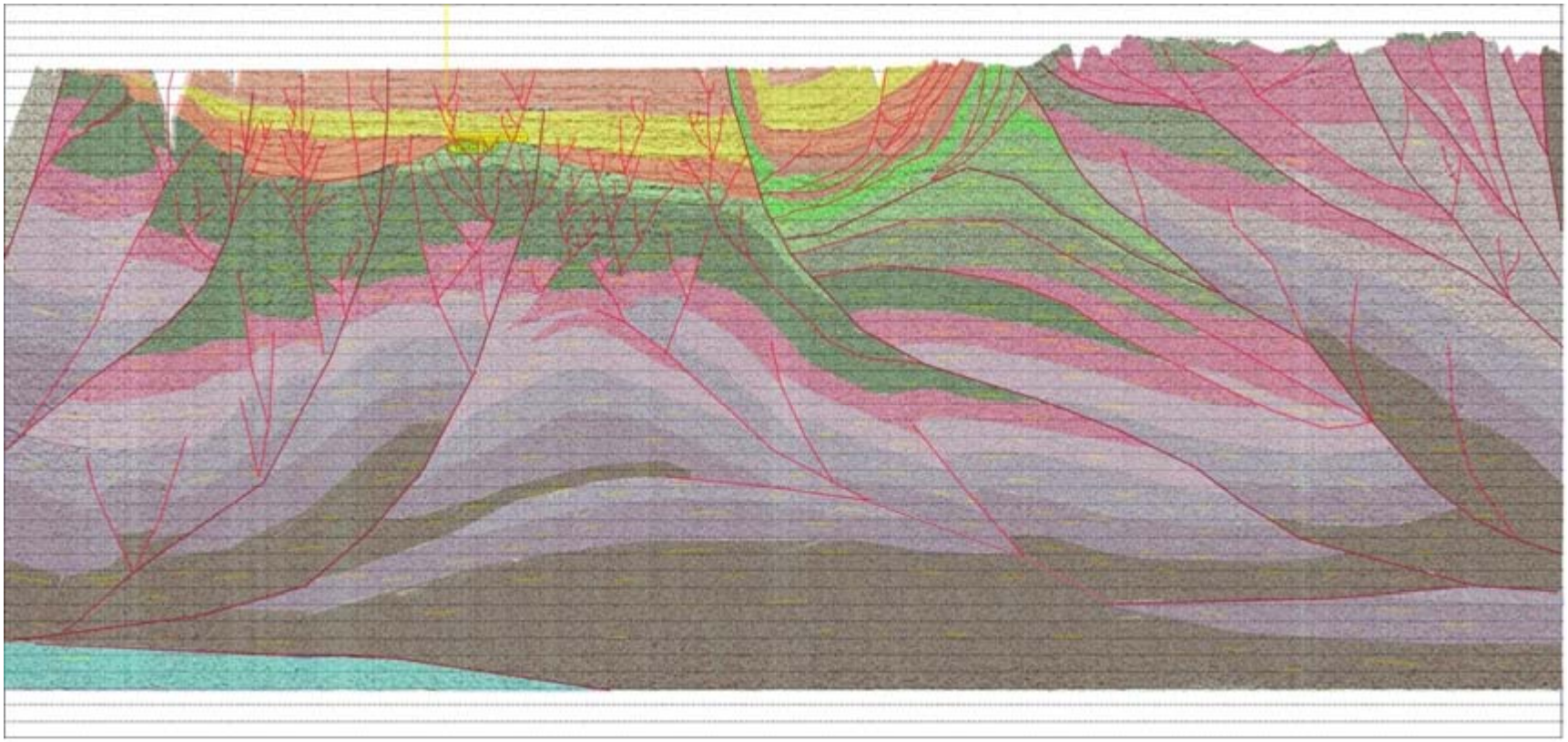
OLIGOCENO



VMM - CO

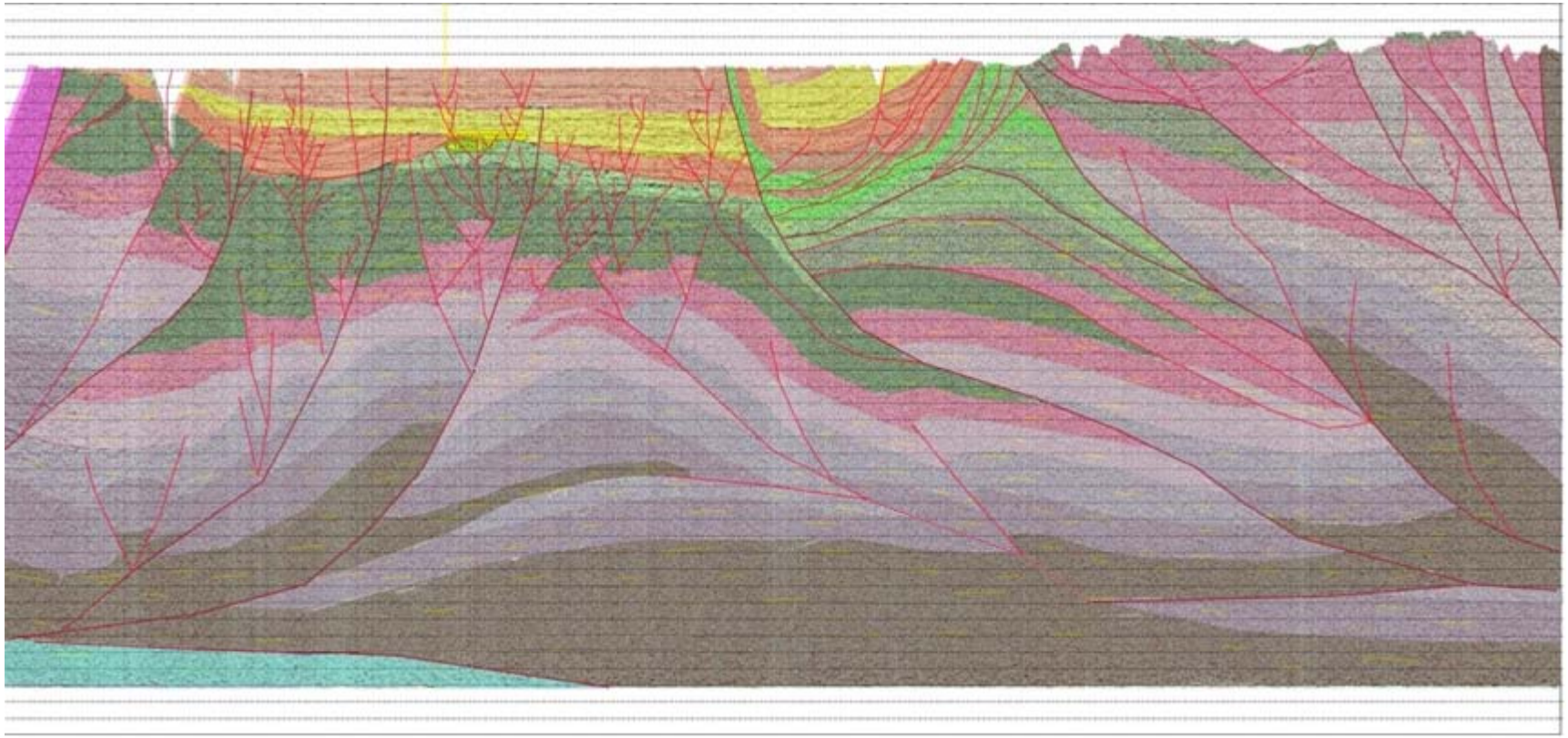
INTERPRETACION

MIOCENO SUPERIOR



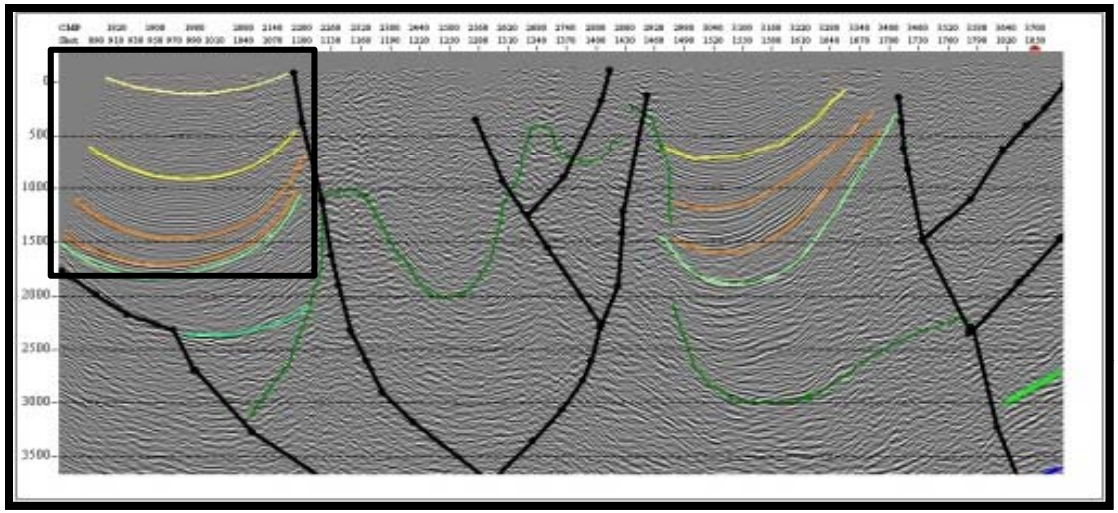
VMM - CO

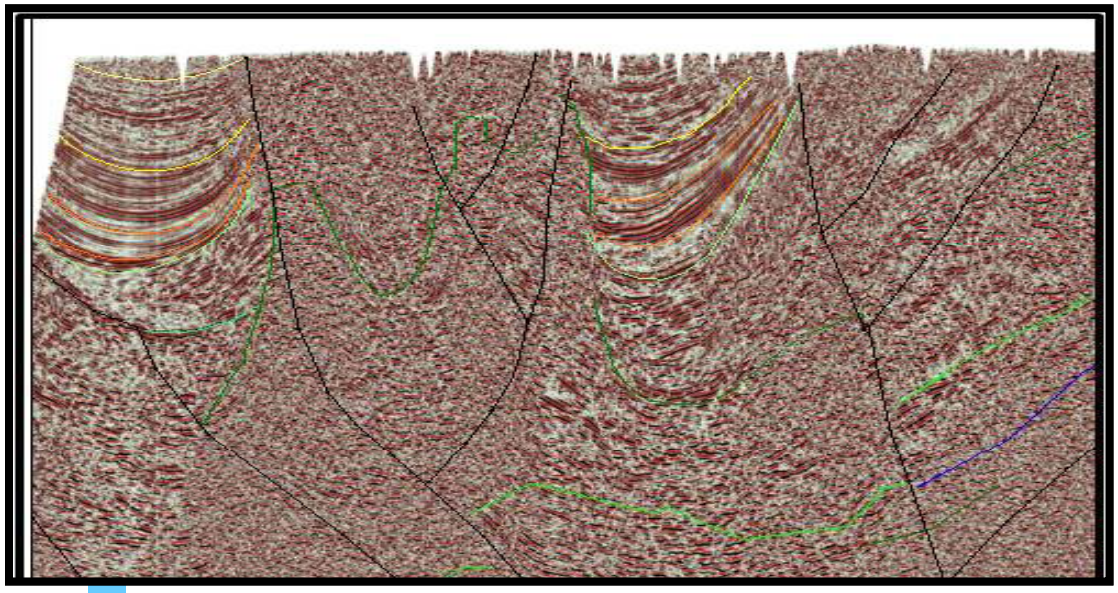
LINEA VMM CORDILLERA ORIENTAL INTERPRETADA

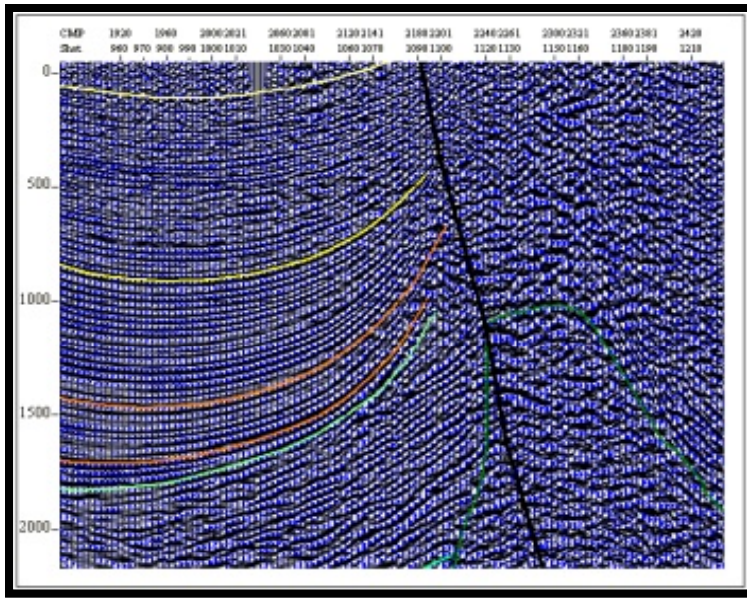


OPORTUNIDADES IDENTIFICADAS

1 Sinu

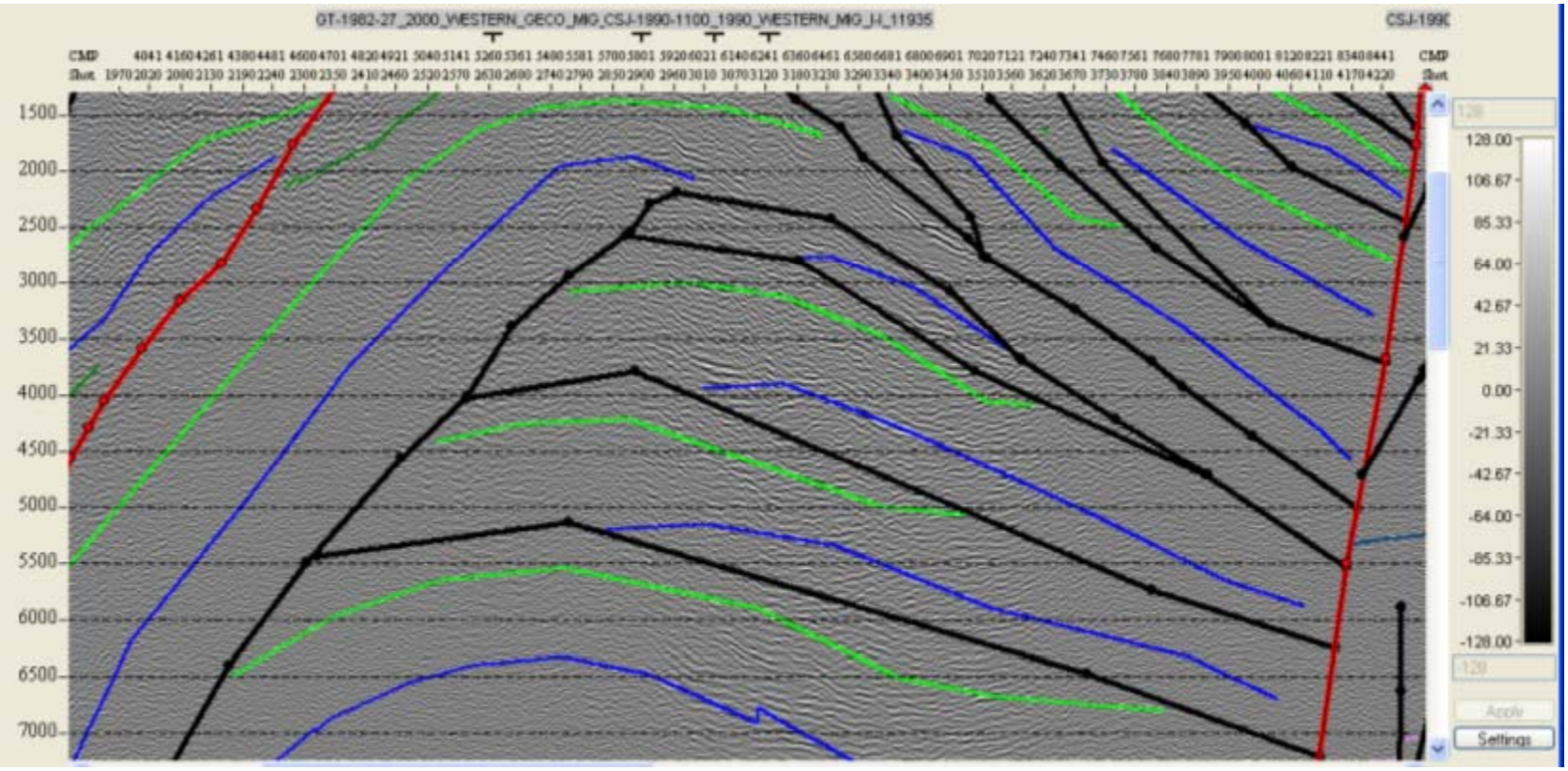






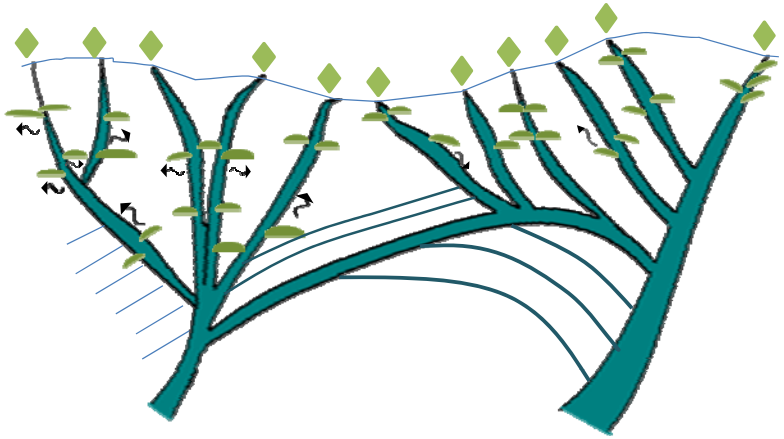
OPORTUNIDADES IDENTIFICADAS

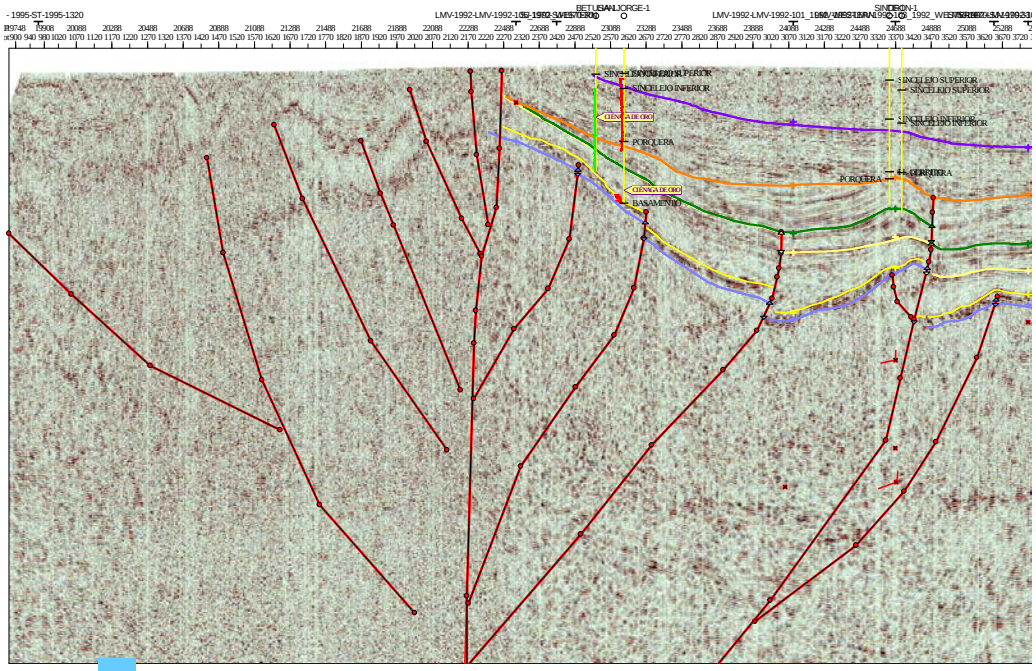
2 San Jacinto

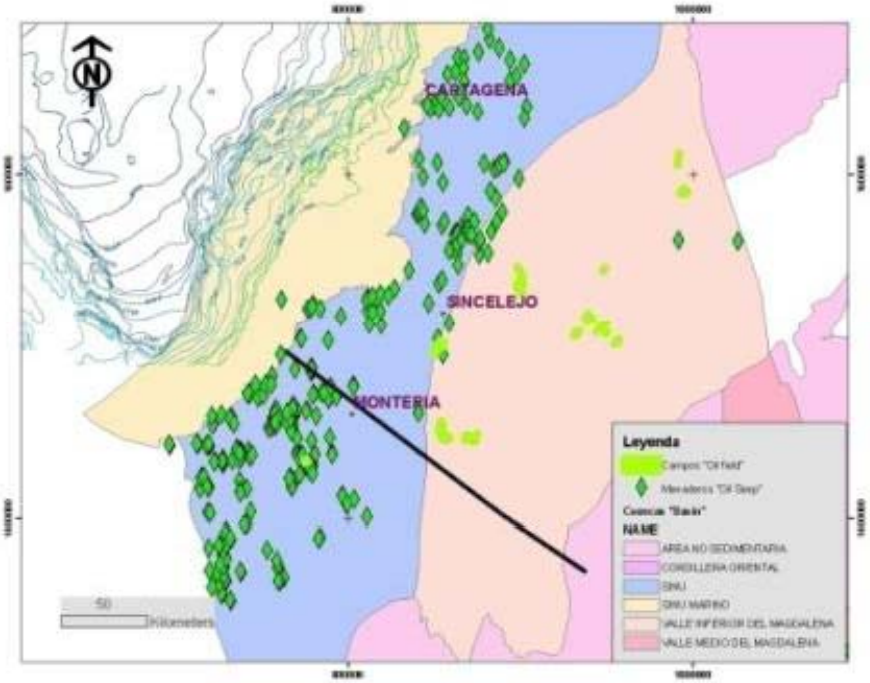


OPORTUNIDADES IDENTIFICADAS

3 San Jacinto - VIM

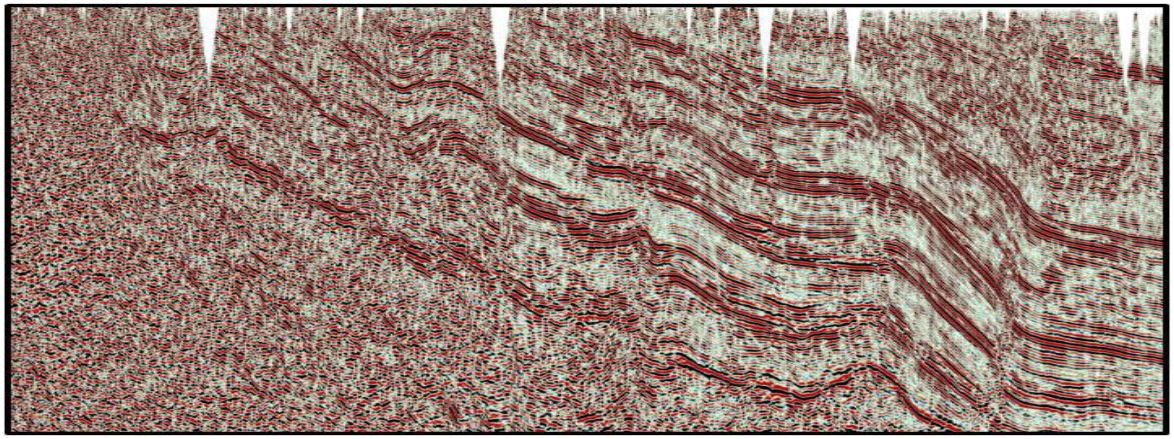




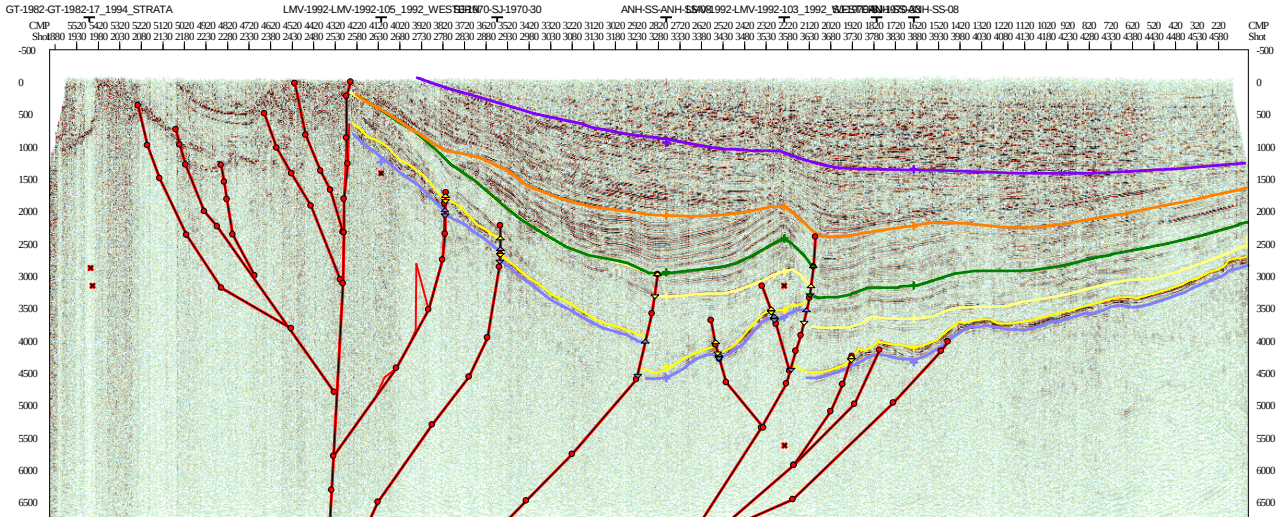


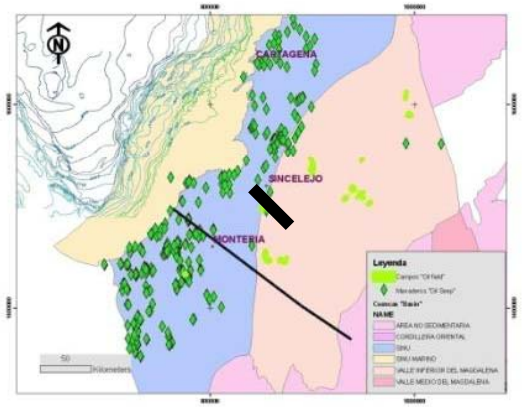
OPORTUNIDADES IDENTIFICADAS

4 VIM



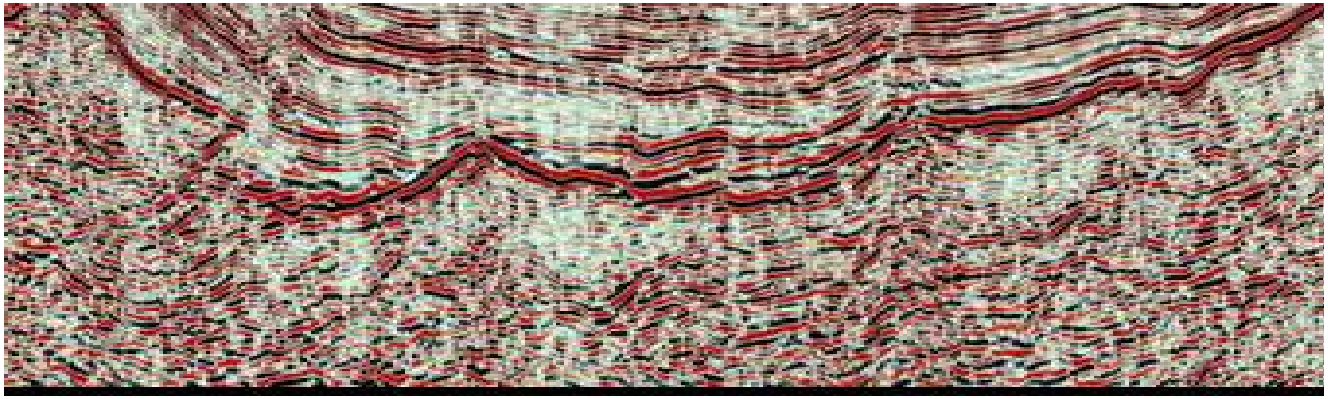
LMV-1992-101





OPORTUNIDADES IDENTIFICADAS

5 VIM



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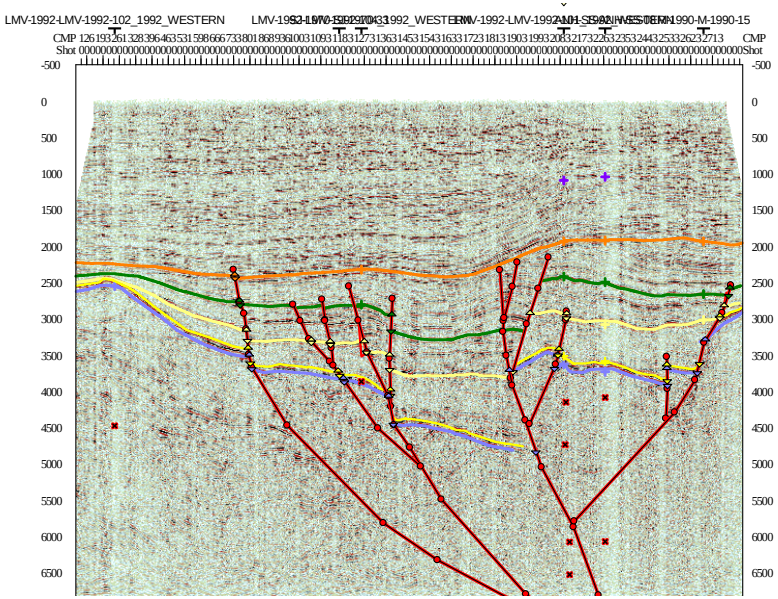
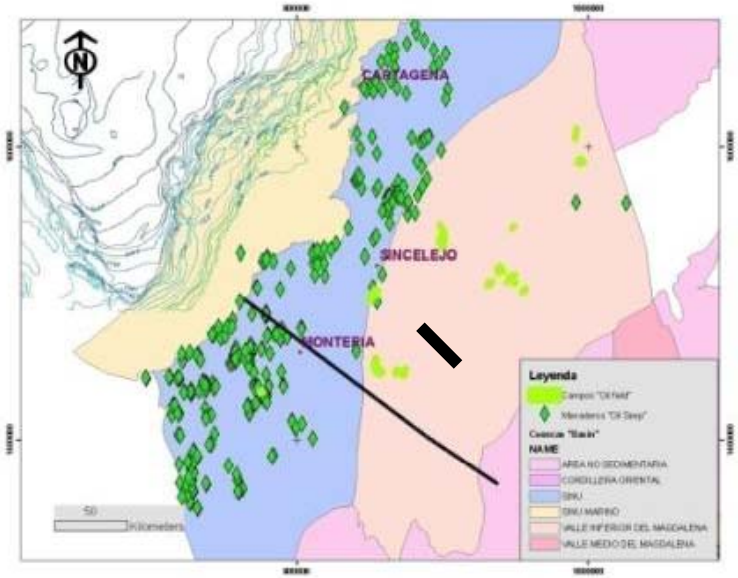
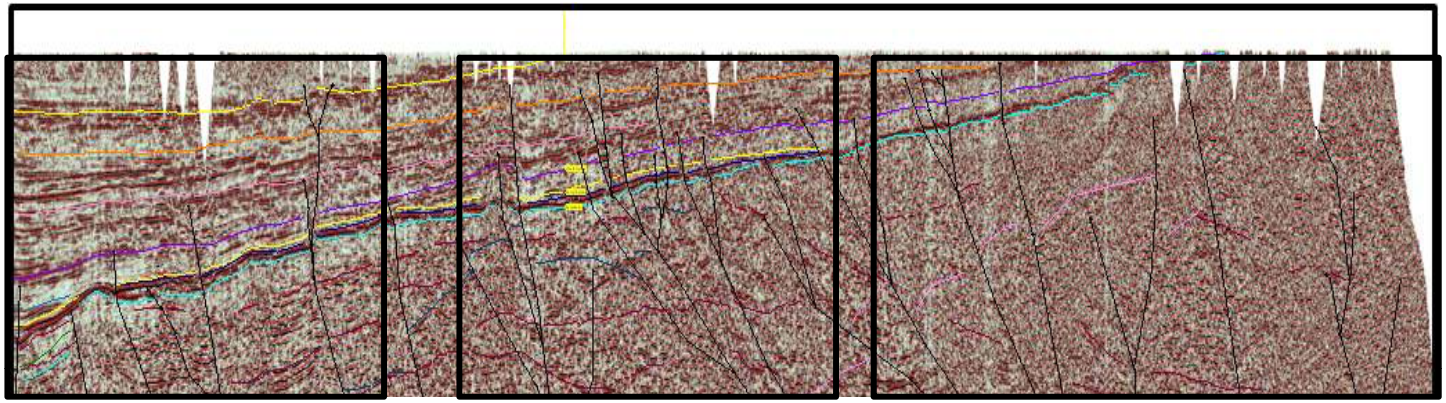
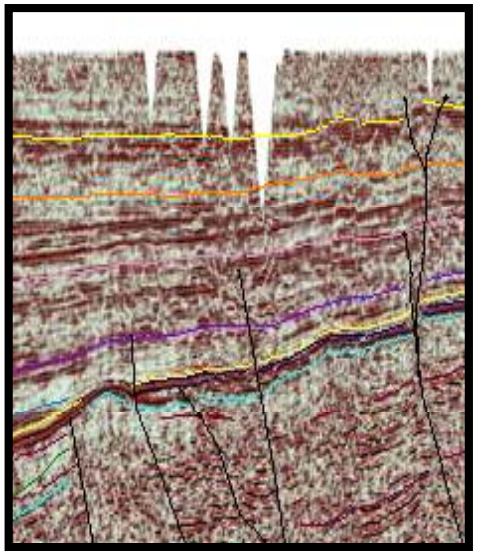


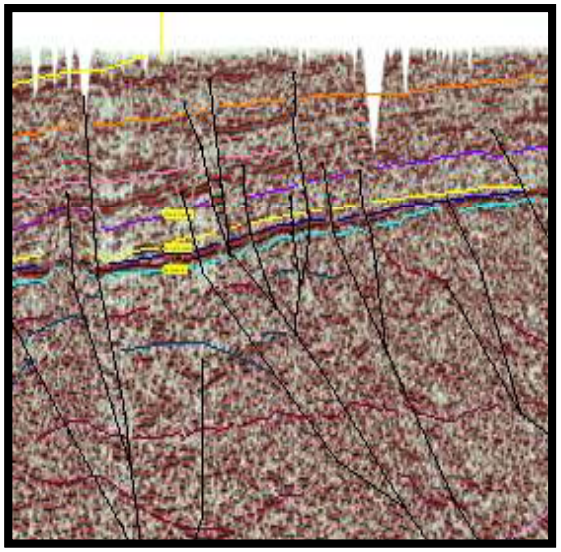


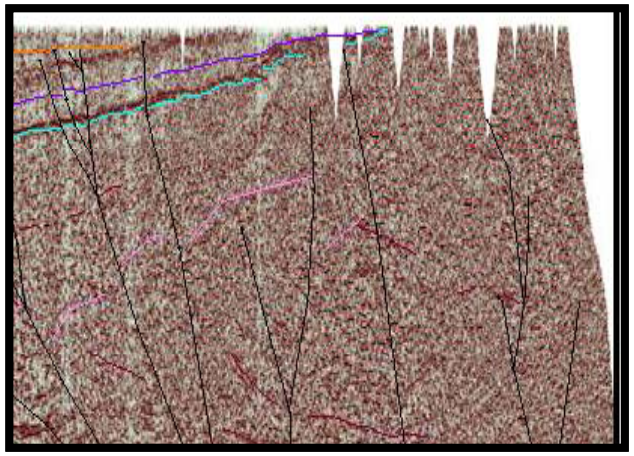
OPORTUNIDADES IDENTIFICADAS

6 VIM



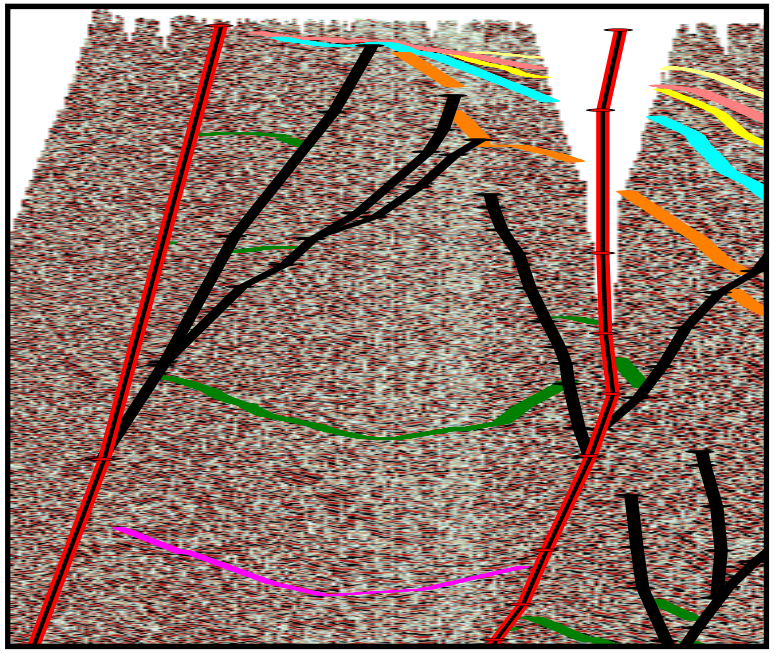


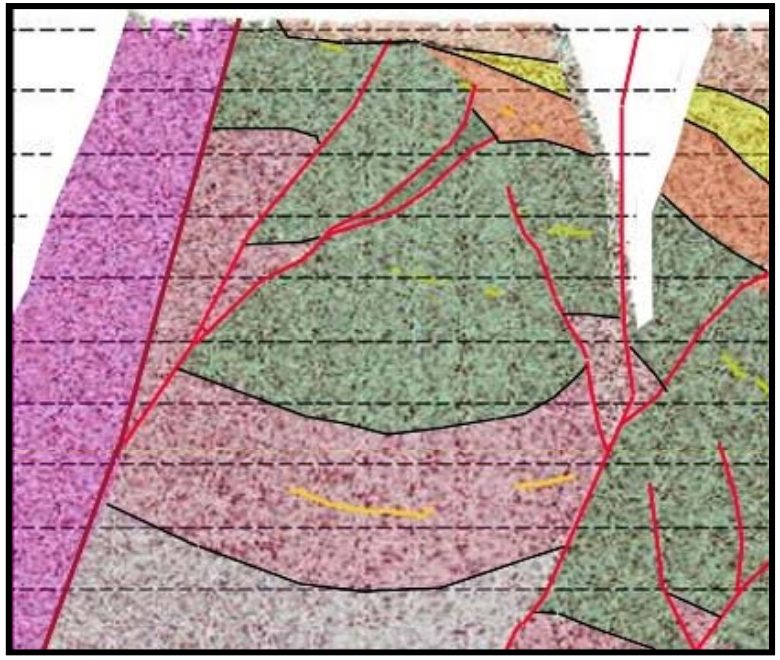




OPORTUNIDADES IDENTIFICADAS

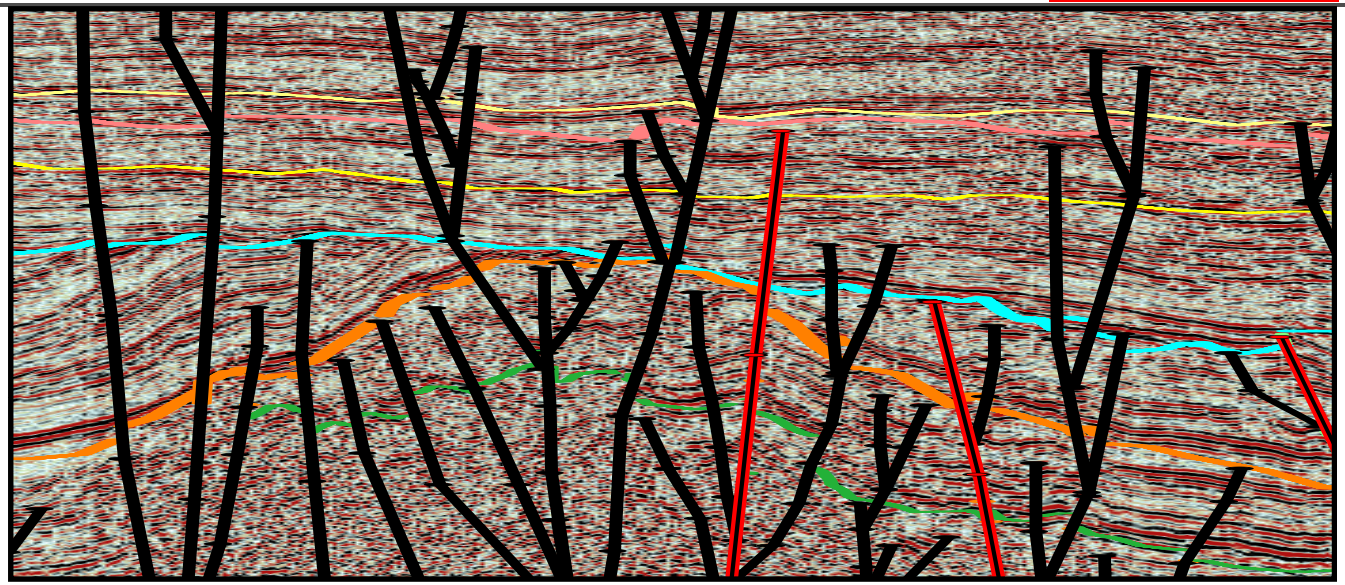
1 VMM

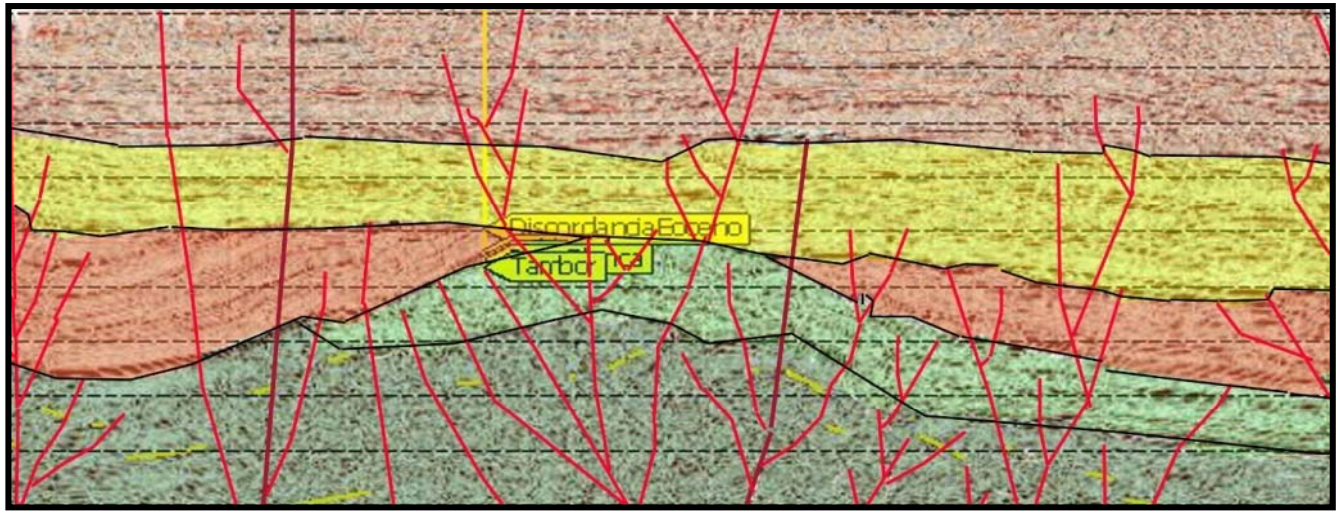




OPORTUNIDADES IDENTIFICADAS

2 VMM

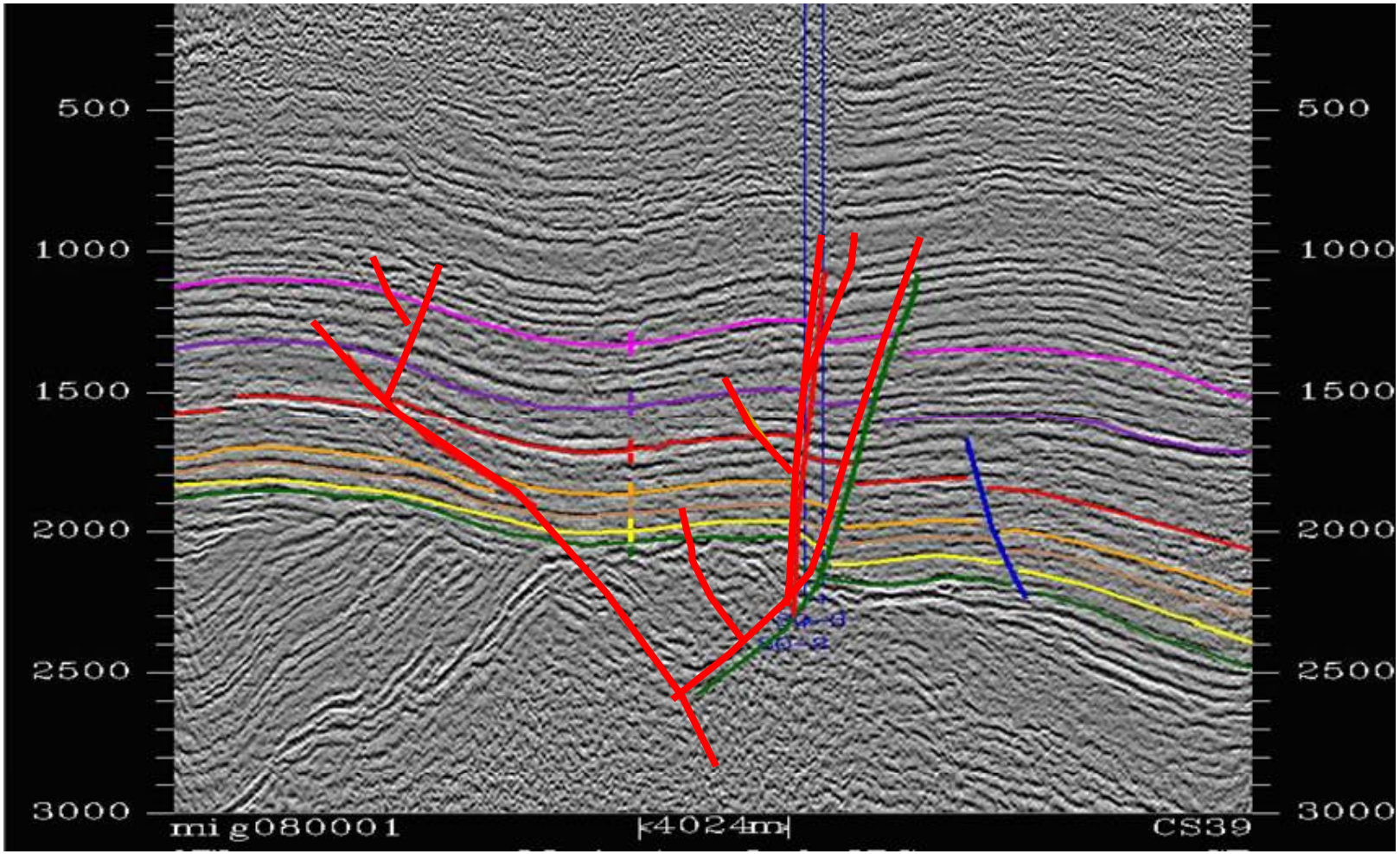




OPORTUNIDADES IDENTIFICADAS

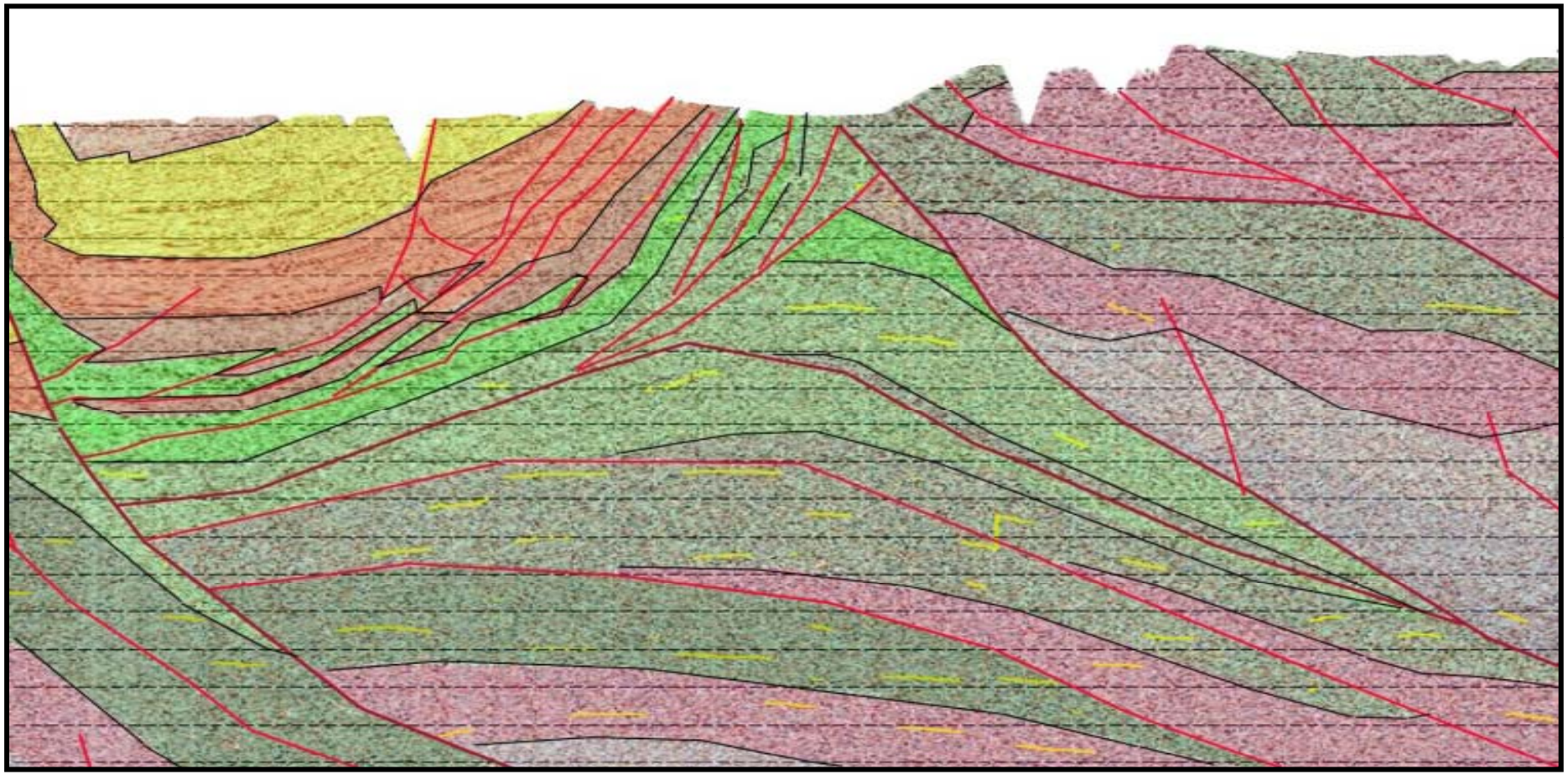
3 VMM

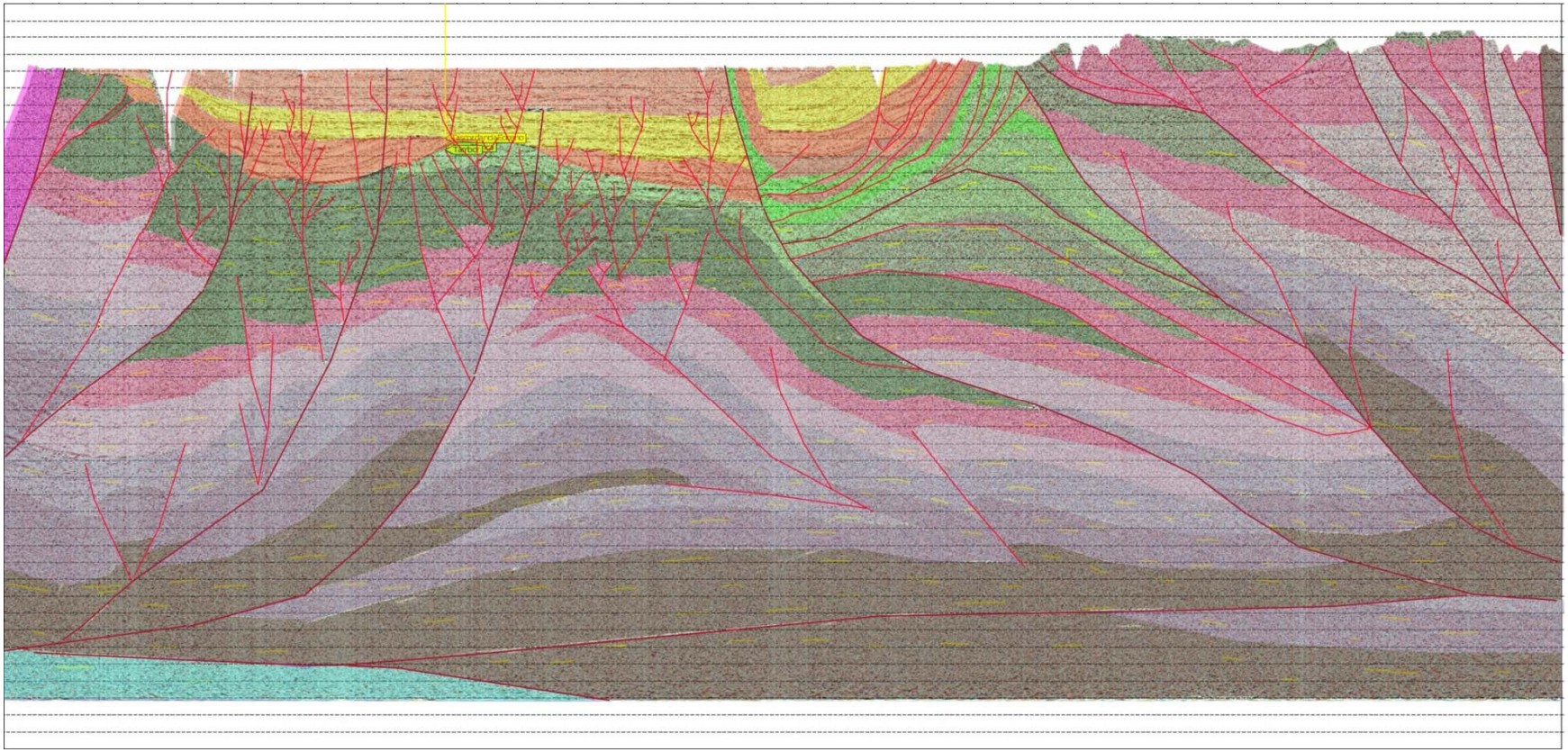
VMM al SW



OPORTUNIDADES IDENTIFICADAS

4 VMM - CO





SU AMABLE ATENCION