

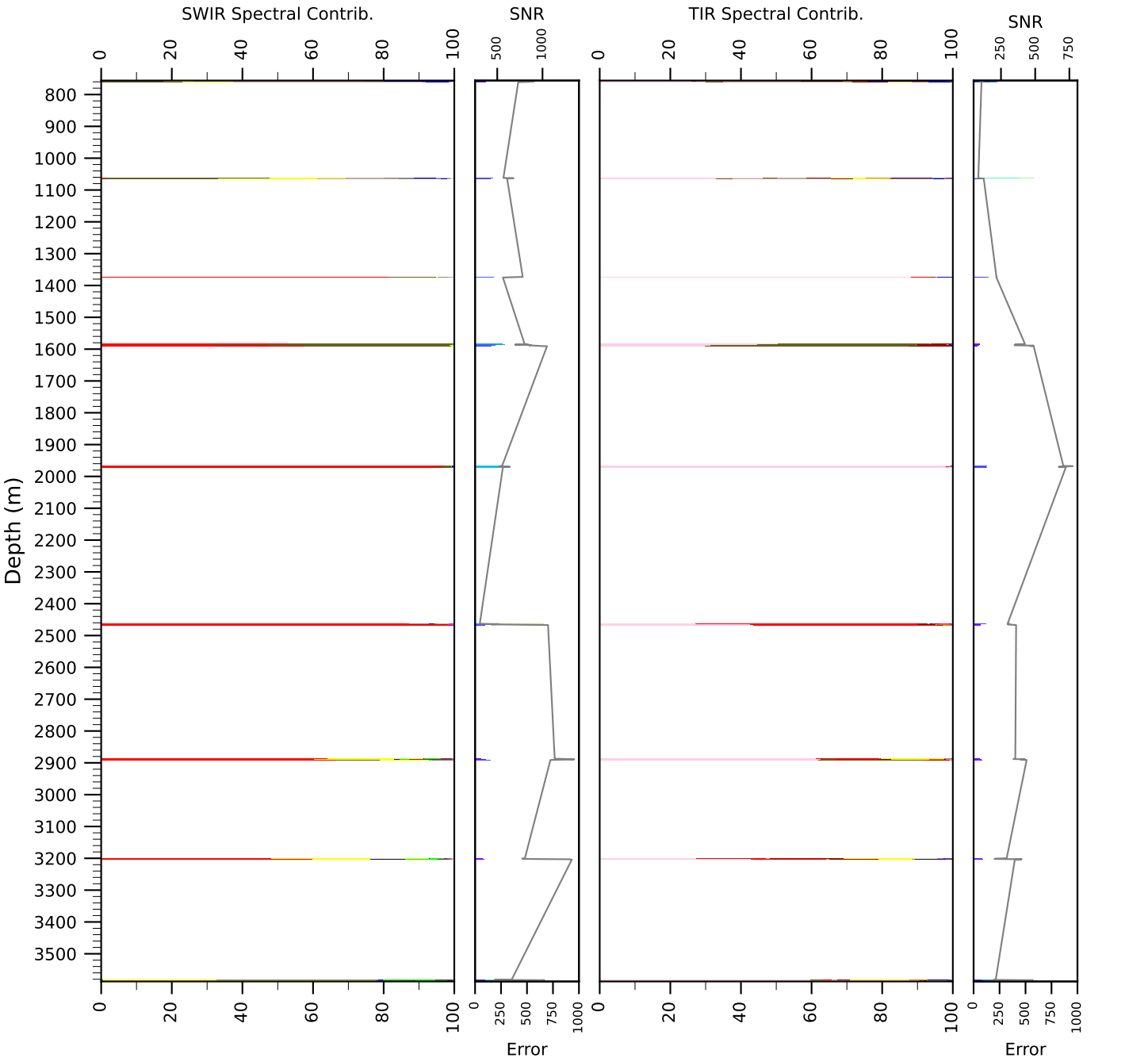
Petrel 1

Borehole ID: Petrel 1
Total Depth (m): 2829.46
Drill type: Diamond Core

Year Drilled: 1969-05-12

Longitude: 128.48
Latitude: -12.83

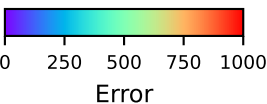
HyLogger™ Hyperspectral Data



SWIR Algorithm: STSAS

TIR Algorithm: sjCLST

Signal to Noise Ratio (SNR): —



- | | | | |
|------------|------------|-------------|------------|
| KAOLIN | CHLORITE | EPIDOTE | GARNET |
| SULPHATE | DARK-MICA | SILICA | OXIDE |
| WHITE-MICA | NOTAROK | PLAGIOCLASE | PHOSPHATE |
| SMECTITE | TOURMALINE | K-FELDSPAR | OLIVINE |
| INVALID | AMPHIBOLE | PYROXENE | SERPENTINE |
| CARBONATE | OTHER-ALOH | | |

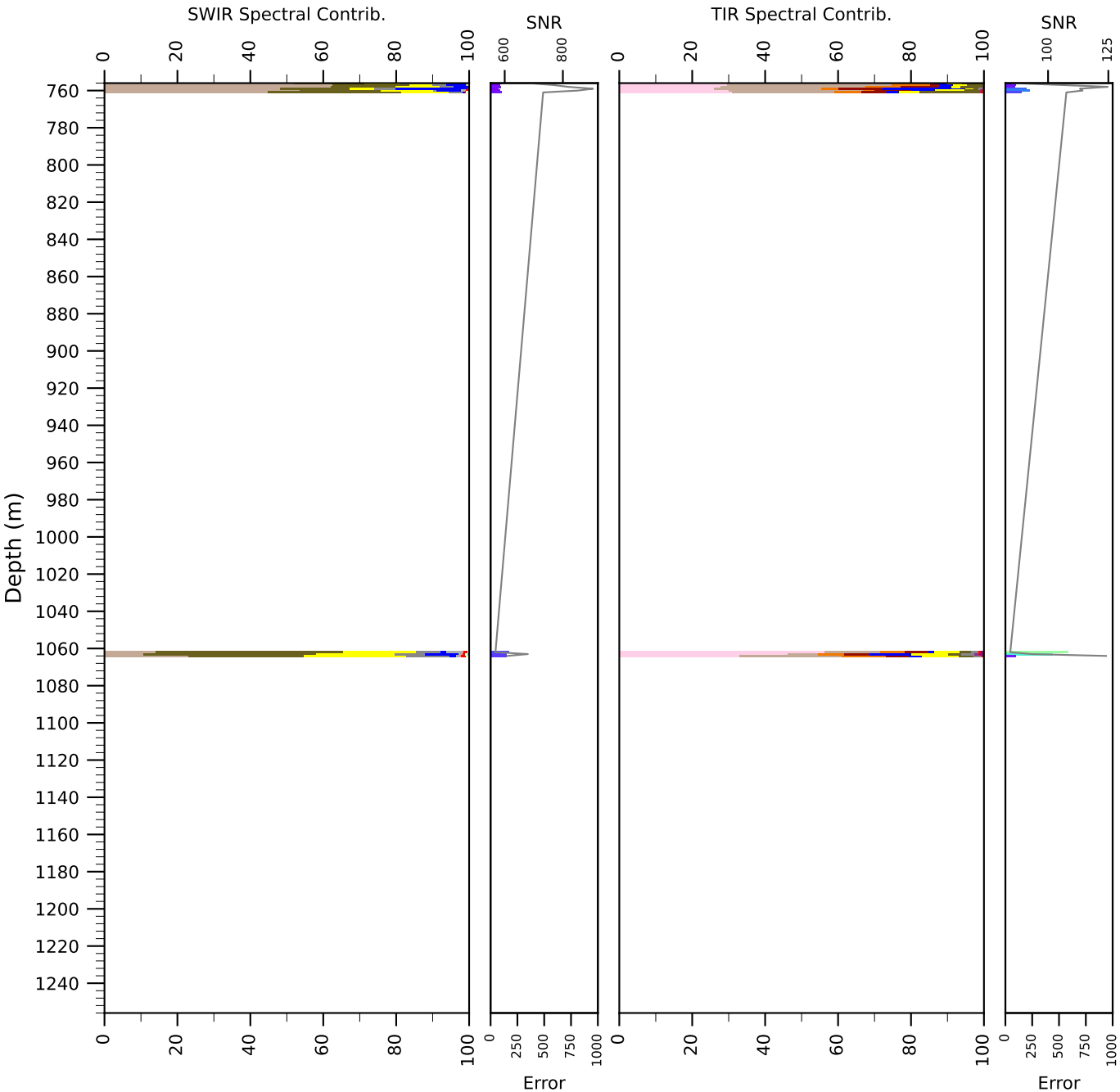
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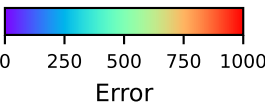
HyLogger™ Hyperspectral Data



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TIR Algorithm: sjCLST

Signal to Noise Ratio (SNR): —



SMECTITE
SULPHATE
WHITE-MICA
INVALID
CARBONATE
NOTAROK

HyLogger™ Spectral Groups

KAOLIN
OTHER-ALOH
EPIDOTE
TOURMALINE
CHLORITE
DARK-MICA

AMPHIBOLE
SILICA
K-FELDSPAR
PLAGIOCLASE
PYROXENE

GARNET
OLIVINE
SERPENTINE
PHOSPHATE
OXIDE

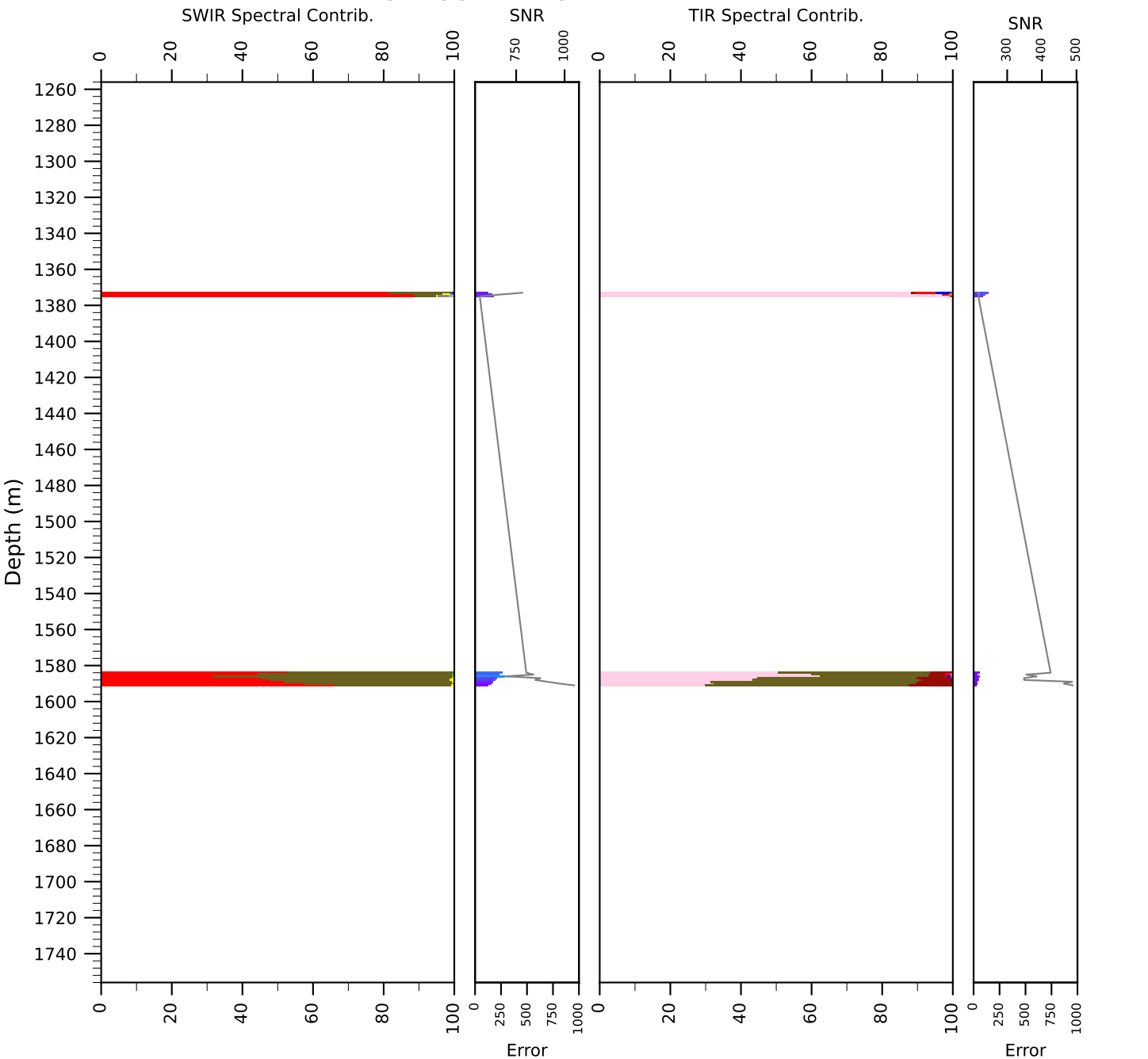
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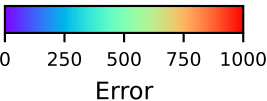
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HyLogger™ Spectral Groups

- | | | | |
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| KAOLIN | CHLORITE | DARK-MICA | OXIDE |
| SULPHATE | OTHER-ALOH | SILICA | GARNET |
| WHITE-MICA | SMECTITE | PLAGIOCLASE | OLIVINE |
| INVALID | TOURMALINE | K-FELDSPAR | SERPENTINE |
| NOTAROK | EPIDOTE | PYROXENE | PHOSPHATE |
| CARBONATE | AMPHIBOLE | | |

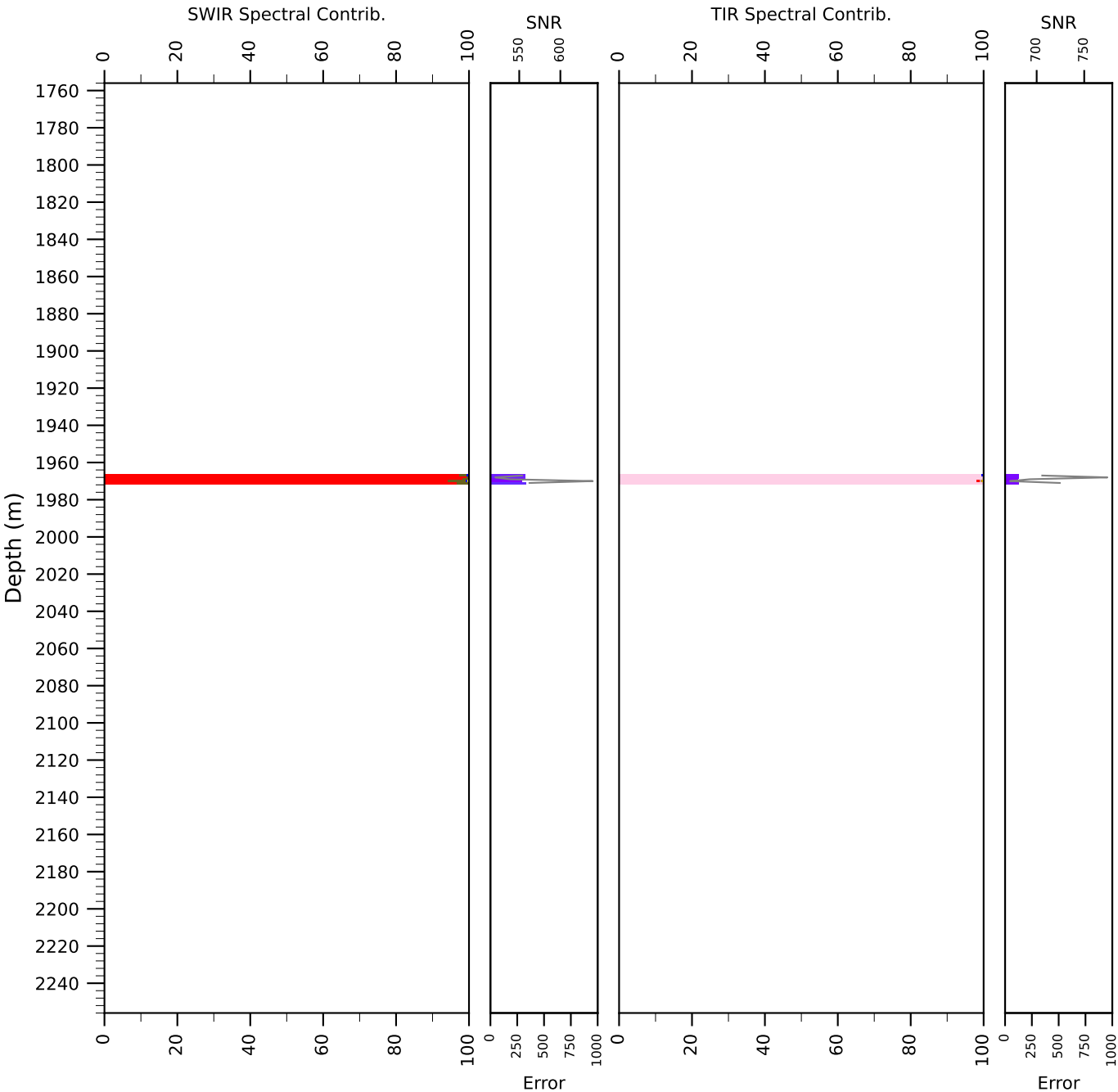
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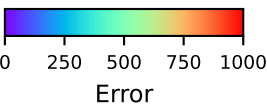
HyLogger™ Hyperspectral Data



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HyLogger™ Spectral Groups

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| SULPHATE | DARK-MICA | SILICA | OLIVINE |
| CARBONATE | AMPHIBOLE | K-FELDSPAR | SERPENTINE |
| WHITE-MICA | TOURMALINE | PLAGIOCLASE | PHOSPHATE |
| SMECTITE | EPIDOTE | GARNET | OXIDE |
| CHLORITE | NOTAROK | | |

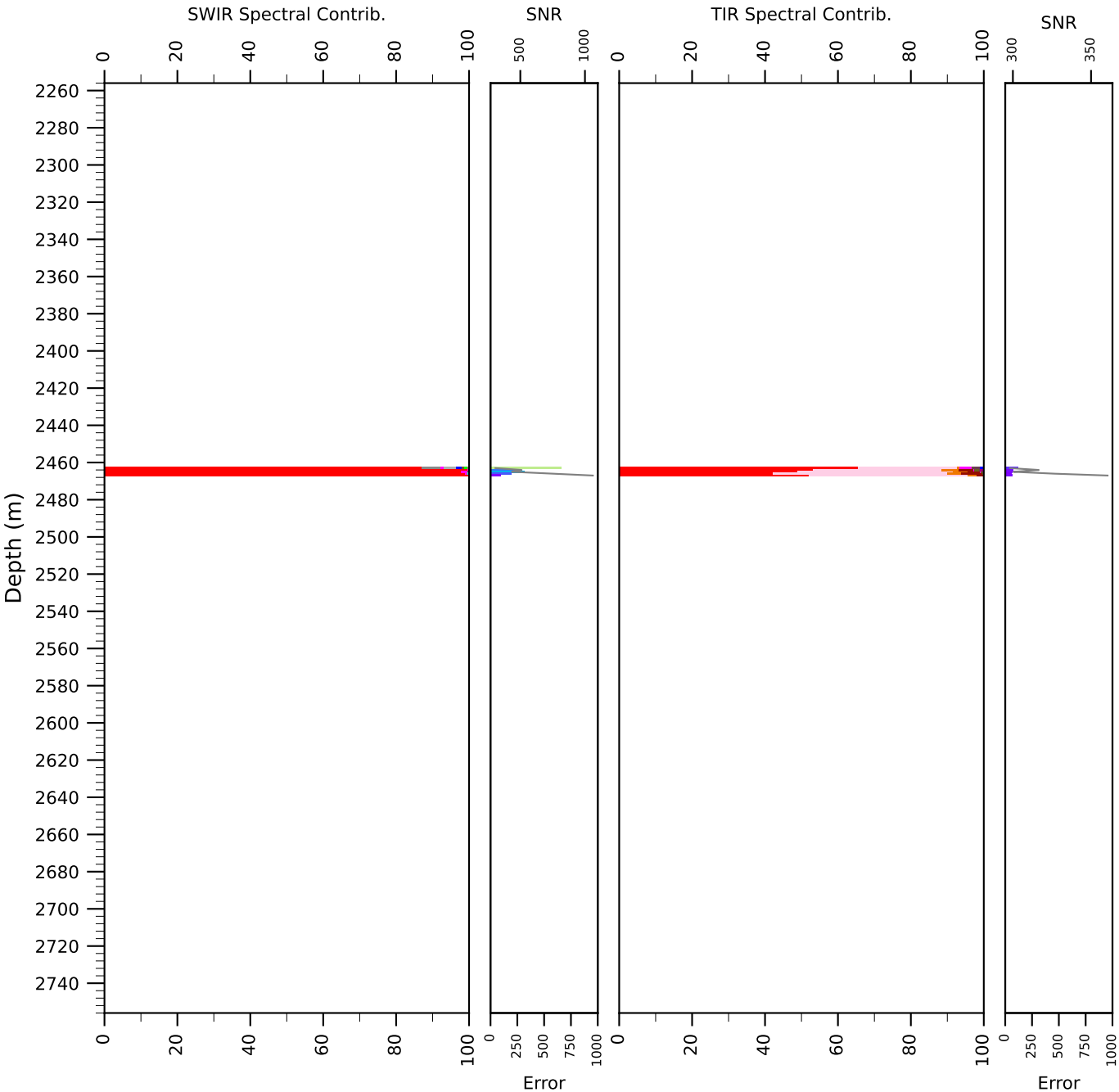
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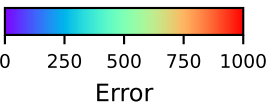
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HyLogger™ Spectral Groups

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| NOTAROK | DARK-MICA | PLAGIOCLASE | PHOSPHATE |
| CARBONATE | OTHER-ALOH | GARNET | OXIDE |
| SULPHATE | WHITE-MICA | | |

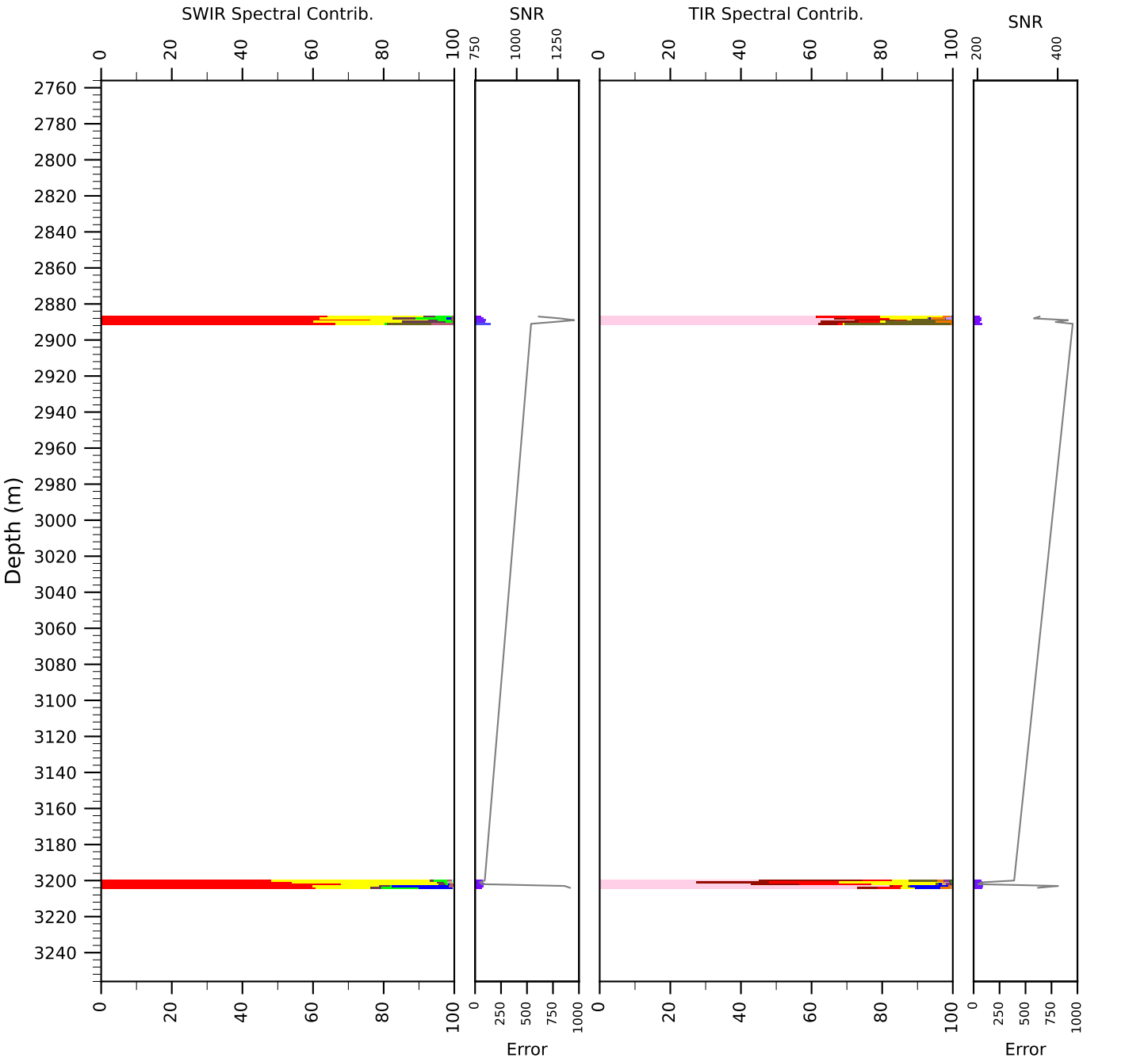
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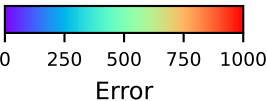
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| DARK-MICA | OTHER-ALOH | PLAGIOCLASE | GARNET |
| CHLORITE | EPIDOTE | K-FELDSPAR | SERPENTINE |
| CARBONATE | NOTAROK | PYROXENE | OXIDE |
| SULPHATE | AMPHIBOLE | | |

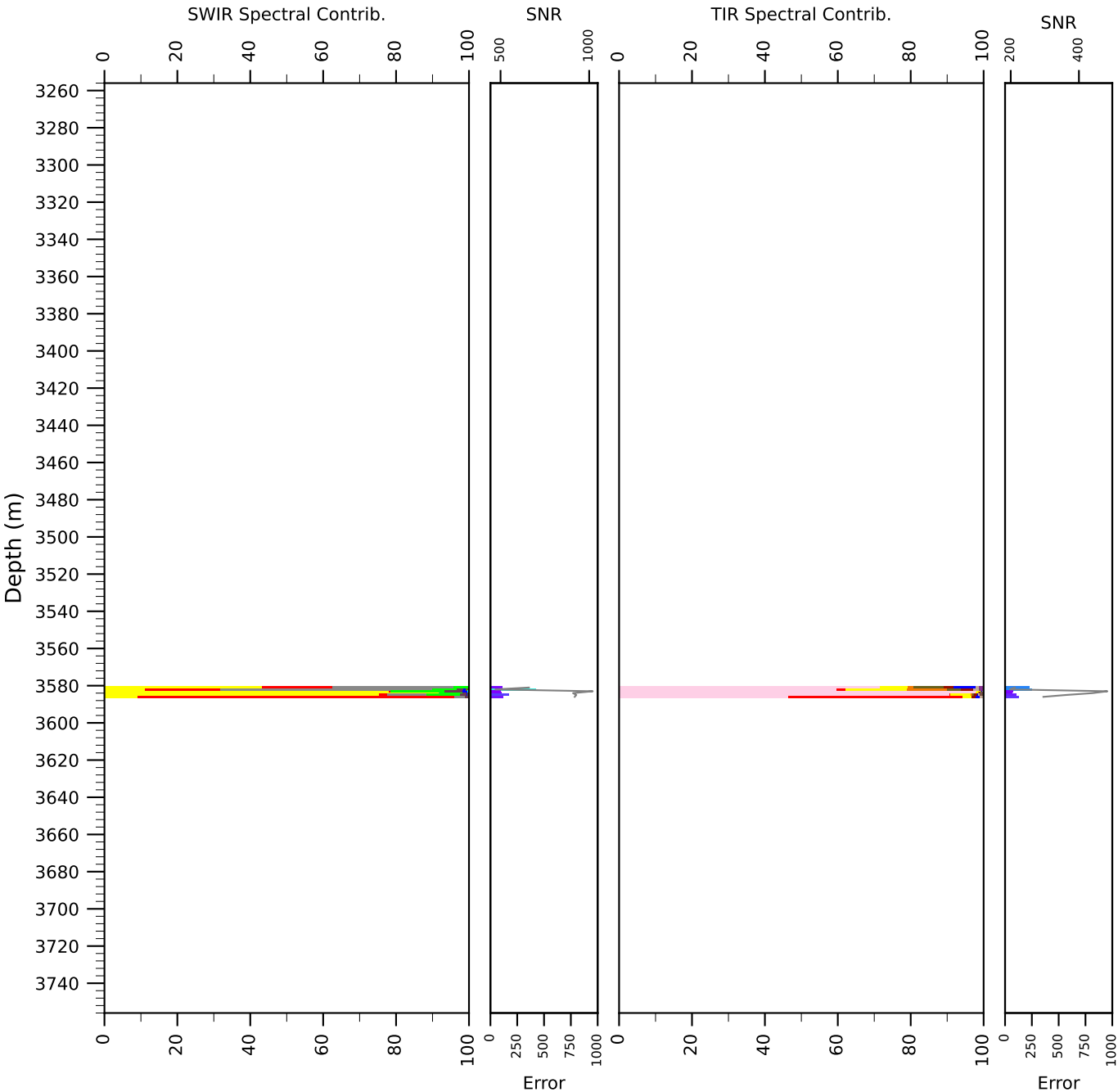
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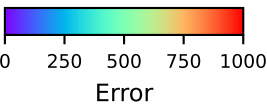
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