

## TOTAL ORGANIC CARBON DATA

## CAPE SORELL #1

| DEPTH<br>(Feet) | TOC<br>(%) | DEPTH<br>(Feet) | TOC<br>(%) |
|-----------------|------------|-----------------|------------|
| 10503           | 1.89 ✓     | 11242           | 1.36 ✓     |

## ROCK-EVAL PYROLYSIS RAW DATA

## CAPE SORELL #1

| DEPTH (FEET) | S1    | S2                | S3    | S2/S3              | S1/(S1+S2) | T-MAX          |
|--------------|-------|-------------------|-------|--------------------|------------|----------------|
| 10503        | 0.650 | 3.767 <i>many</i> | 0.163 | 23.082 ✓ <i>ok</i> | 0.147      | 421 <i>mat</i> |
| 11242        | 0.166 | 1.402 <i>post</i> | 0.159 | 8.801 ✓ <i>ok</i>  | 0.106      | 437 <i>ok</i>  |

HYDROGEN AND OXYGEN INDICES FROM ROCK-EVAL  
PYROLYSIS DATA, WITH TOC DATA

## CAPE SORELL #1

| DEPTH<br>(FEET) | HYDROGEN INDEX<br>(mg HC/g TOC) | OXYGEN INDEX<br>(mg CO <sub>2</sub> /g TOC) | TOC<br>(%) |
|-----------------|---------------------------------|---|------------|
| 10503           | 199                             | 9   | 1.89       |
| 11242           | 103                             | 12  | 1.36       |