

LONDON RESOURCES
LONDON RESOURCES FLATBAY #1
CORE #1

52139-96-4748
96-12-14

Top 469.8 ft

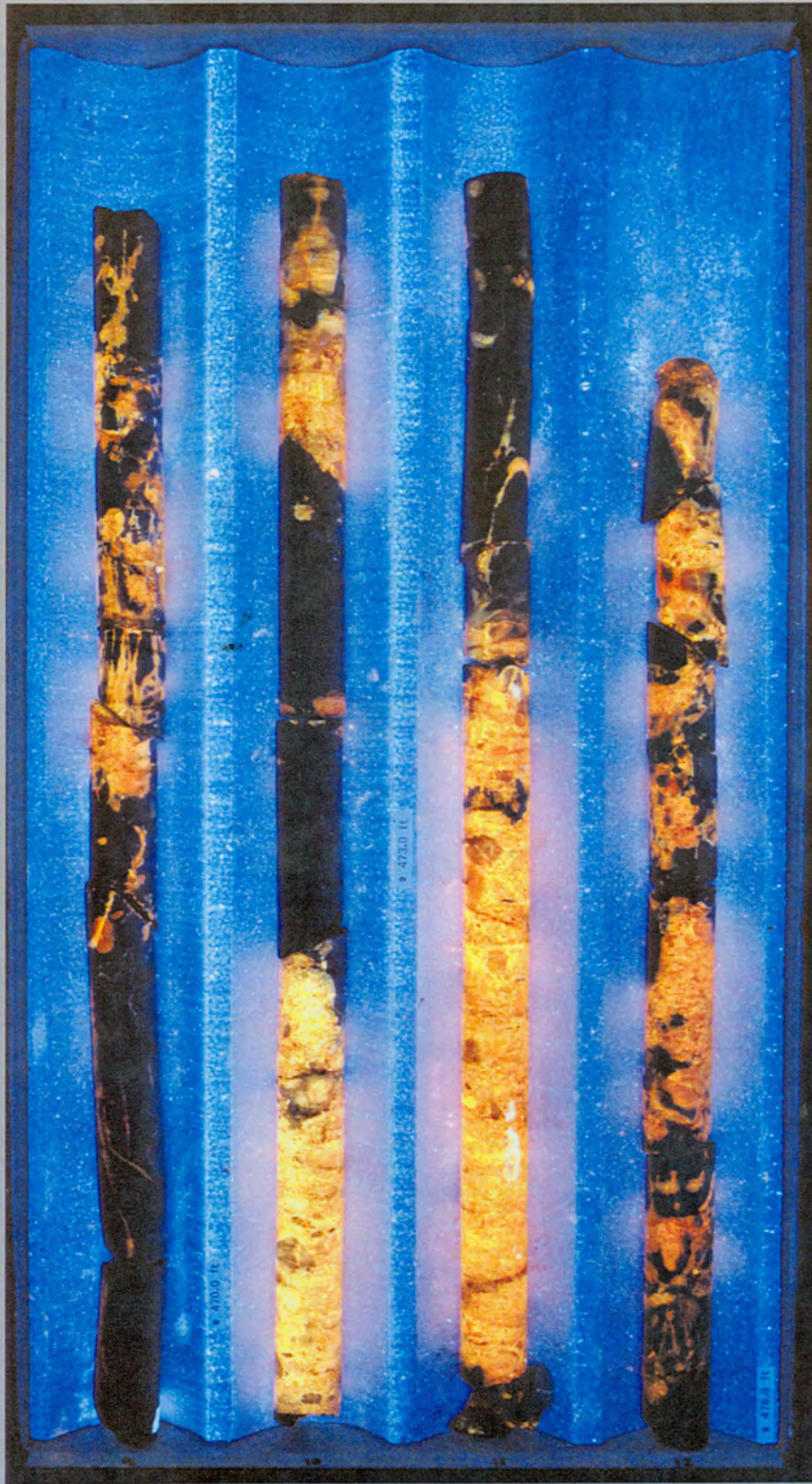


Bottom 478.3 ft

LONDON RESOURCES
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52139-96-4748
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Top 469.8 ft

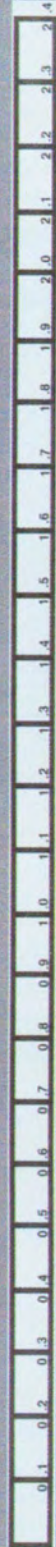


Bottom 478.3 ft

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52139-96-4748
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Top 478.3 ft



Bottom 487.7 ft

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Top 478.3 ft



Bottom 487.7 ft

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96-12-14

Top 452.0 ft



Bottom 460.5 ft

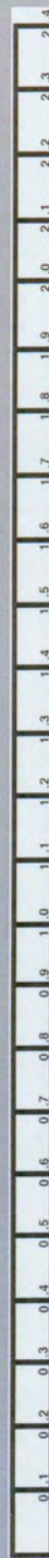
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96-12-14

Top 452.0 ft



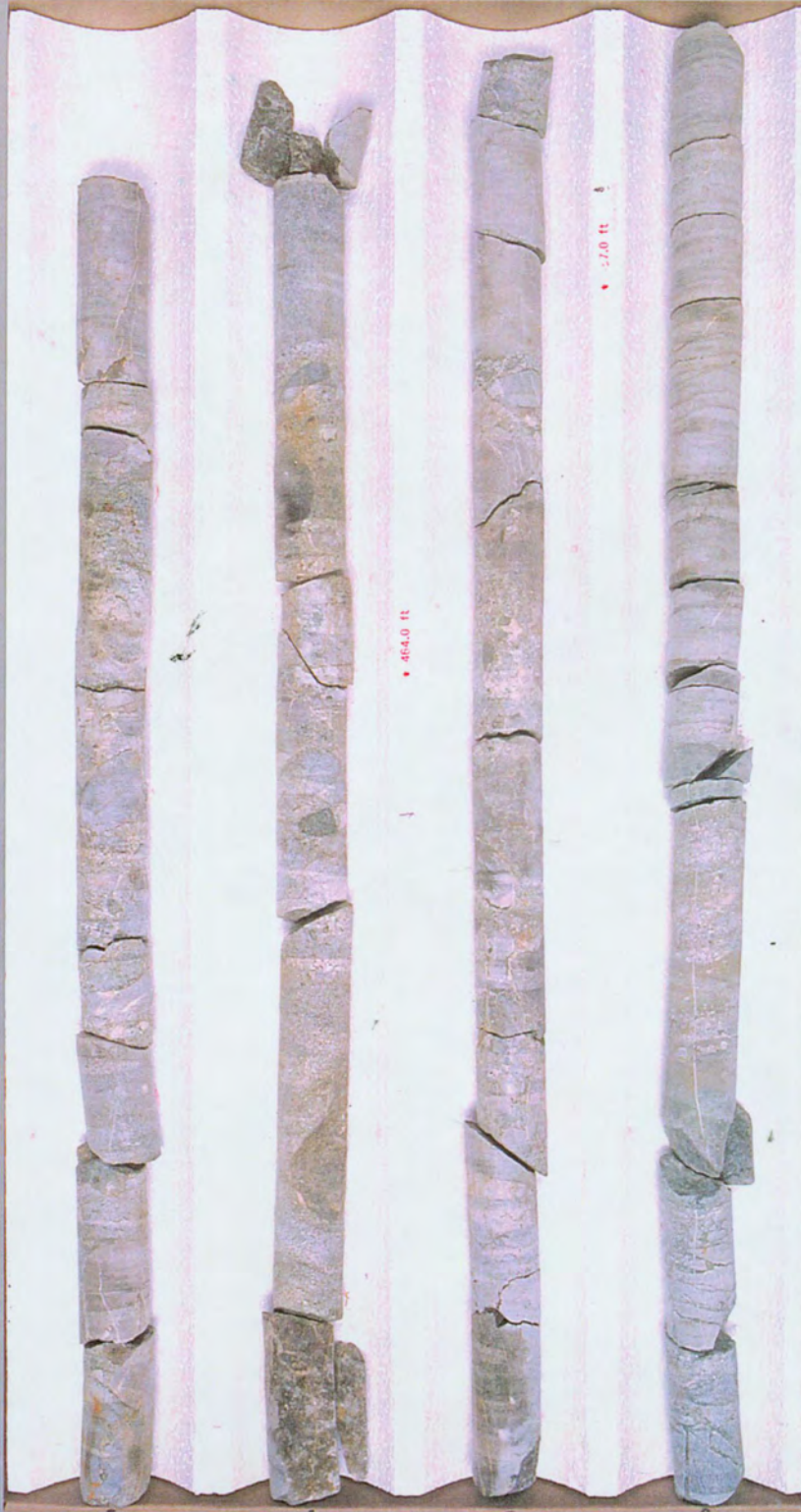
Bottom 460.5 ft



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Top 460.5 ft



Bottom 469.8 ft

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Top 460.5 ft



Bottom 469.8 ft



PHOTO A

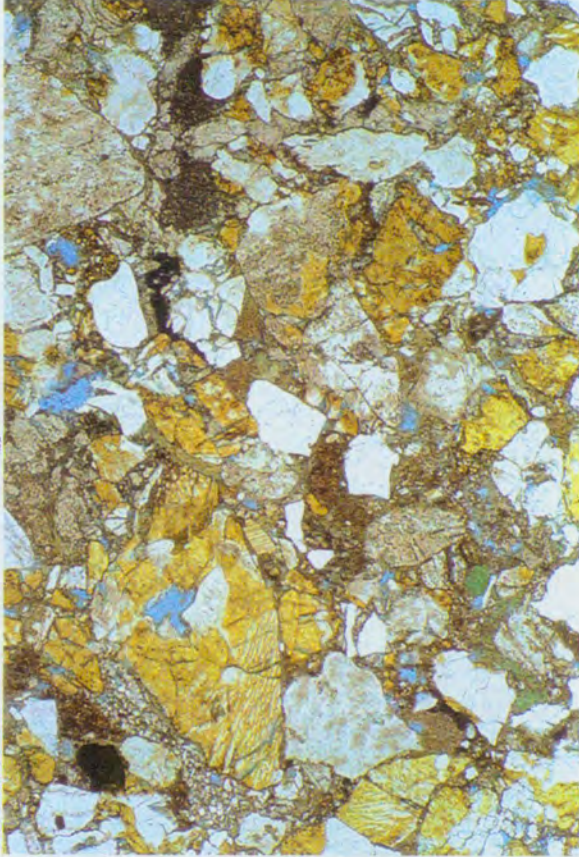


PHOTO B

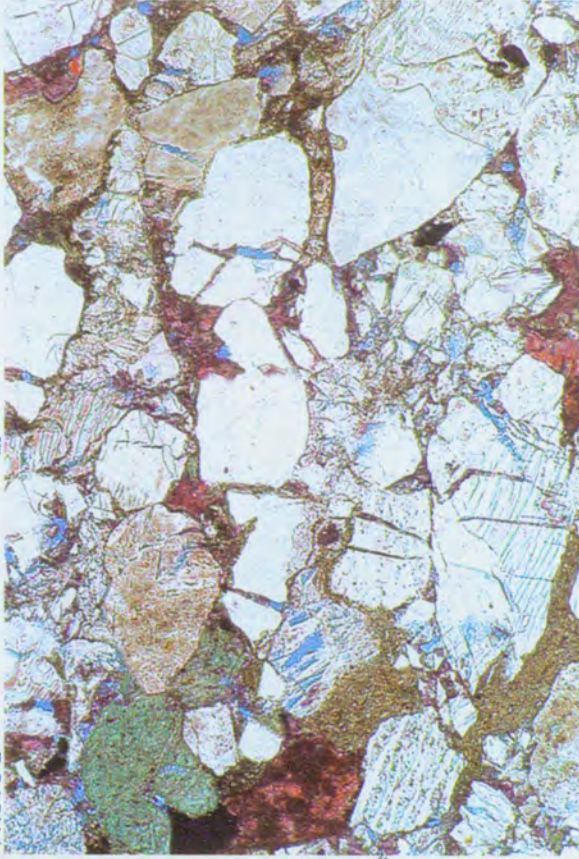


PHOTO C



Sample: TS 2

Depth (ft.): 463.00

TS Porosity (%): 3

Permeability (md): NA

PHOTO A

Low magnification photomicrograph illustrates a moderately sorted, fine to coarse grained, lithic arkose. Thin section (effective) porosity is 3% and secondary porosity (likely after calcite and framework grain dissolution) is the main pore type. Photo A shows the high amount of feldspars, igneous lithoclasts (upper left) and carbonate grains (upper right) in this sample. The provenance is likely a mixed source of igneous and sedimentary terrains. The high amount of feldspar suggests rapid deposition into an arid, continental fluvial system. (32x, magnification)

PHOTO B

Higher magnification photo shows highly altered plagioclase feldspars containing some highly irregular and isolated secondary porosity (blue epoxy). Chlorite (greenish color) is a grain rimming clay (centre) and alteration product of plagioclase (upper left). Note compacted sedimentary grains forming a pseudomatrix. (63x, magnification) High magnification photo shows secondary porosity after calcite dissolution (upper right). Other areas show glauconite (green) and plagioclase (lower centre). Note non-stained dolomite (upper left) with a rhombic crystal morphology. (125x, magnification)

PHOTO C

TERNARY COMPOSITION PLOT
 OF THE ANGUILE FORMATION (HORTON GROUP)
 HUNT OIL COMPANY INC.

52135-97-3128

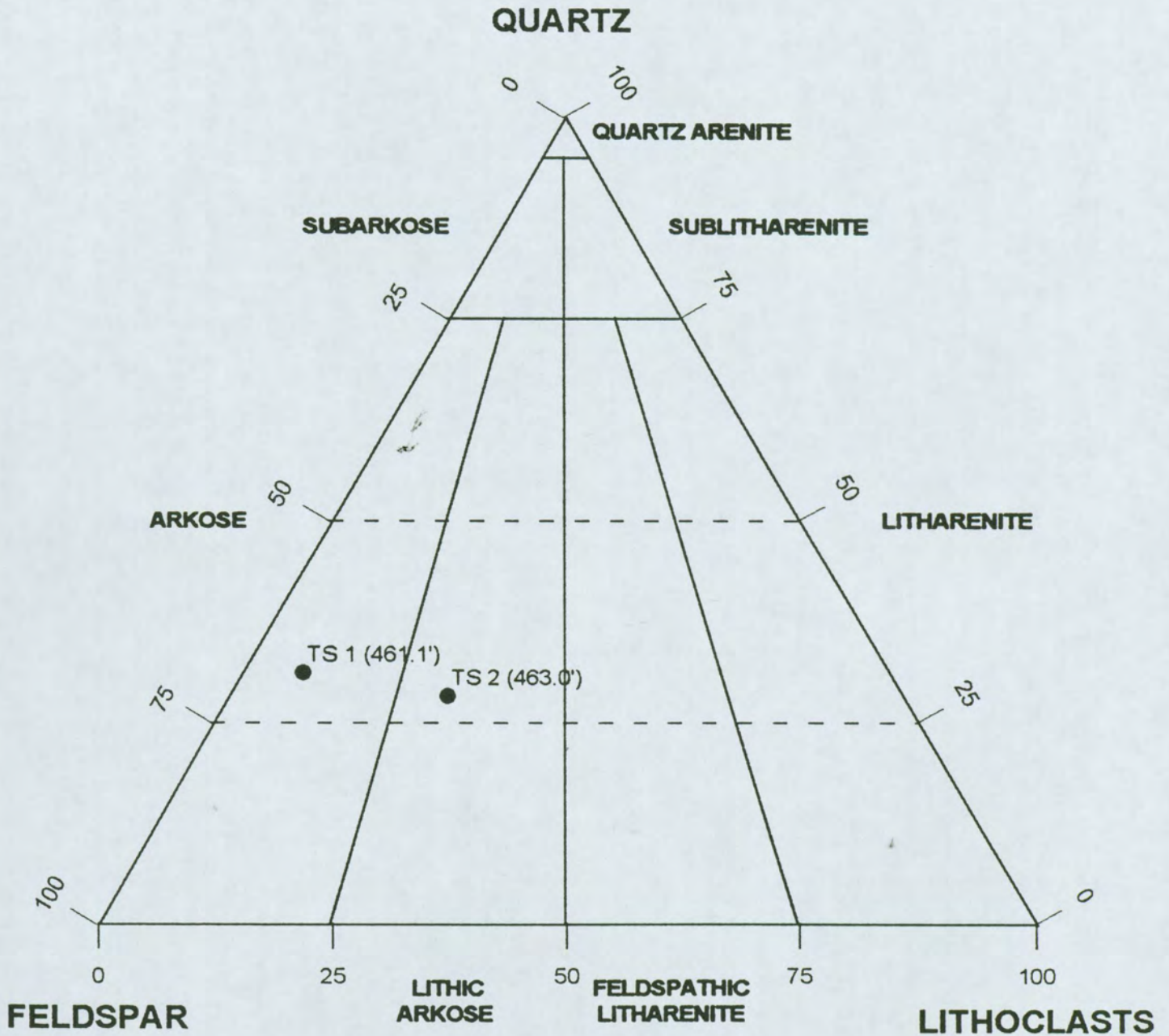


Figure 1 (Folk, 1968)

HUNT OIL COMPANY INC.
ANGUILLE FORMATION (HORTON GROUP)
ROCK TYPE: ARKOSE

52135-97-3128



CORELAB

SAMPLE # TS 1 (461.1')

TS POROSITY

1.0%





PHOTO A



PHOTO B



PHOTO C



PHOTO A

PHOTO B

PHOTO C

Sample: TS 1

Depth (ft.): 461.10

TS Porosity (%): 1

Permeability (md): NA

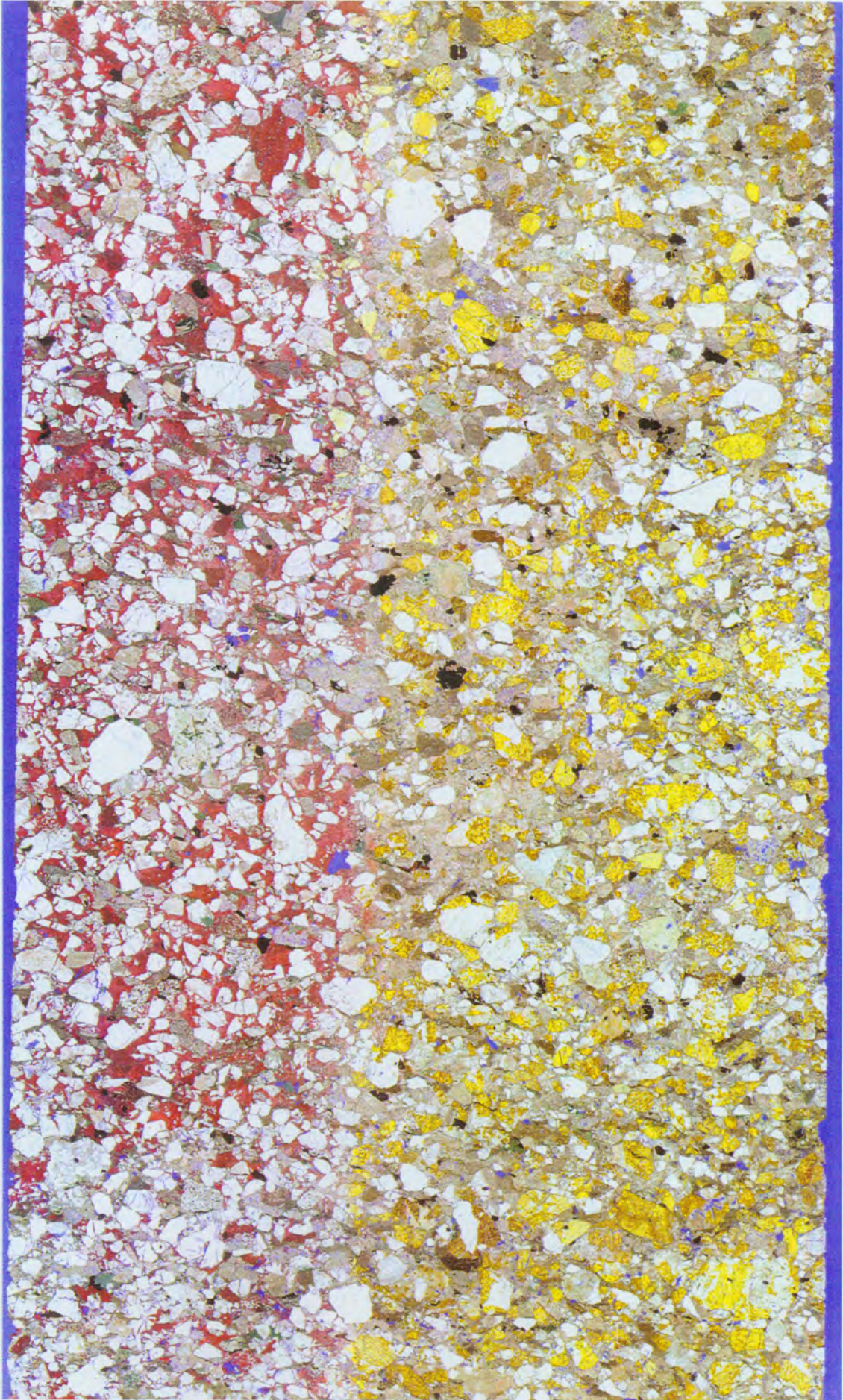
Low magnification photomicrograph illustrates a moderately sorted, medium to coarse grained arkose. Thin section (effective) porosity is 1% and fracture porosity is the main pore type. Photo A shows an open fracture (90% calcite mineralization) in the upper left and right centre portions of the photo which is truncated by a younger, clay filled fracture (oblique feature). Other areas show the high amount of alkali feldspar (yellow) and plagioclase (clay inclusions).

Higher magnification photo shows fracture porosity associated with open fractures. Calcite mineralization is abundant (90-100%) in the fractures. Framework grains are well cemented with calcite. Opaque heavy minerals (leucoxene?) account for 5% of the rock volume. (63x, magnification)

High magnification photo shows clay (chlorite) filled fractures which contain minor ferroan calcite (mauve stained). At least two phases of calcite cement is evident (i.e. non-ferroan, pink stained calcite and ferroan, mauve stained calcite). Low reservoir quality reflects a high amount of calcite cement. (125x, magnification)

52135-97-3128

HUNT OIL COMPANY INC.
ANGUILLE FORMATION (HORTON GROUP)
ROCK TYPE: LITHIC ARKOSE



4 mm



SAMPLE # TS 2 (463.0')

TS POROSITY

3.0%

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Top 487.7 ft

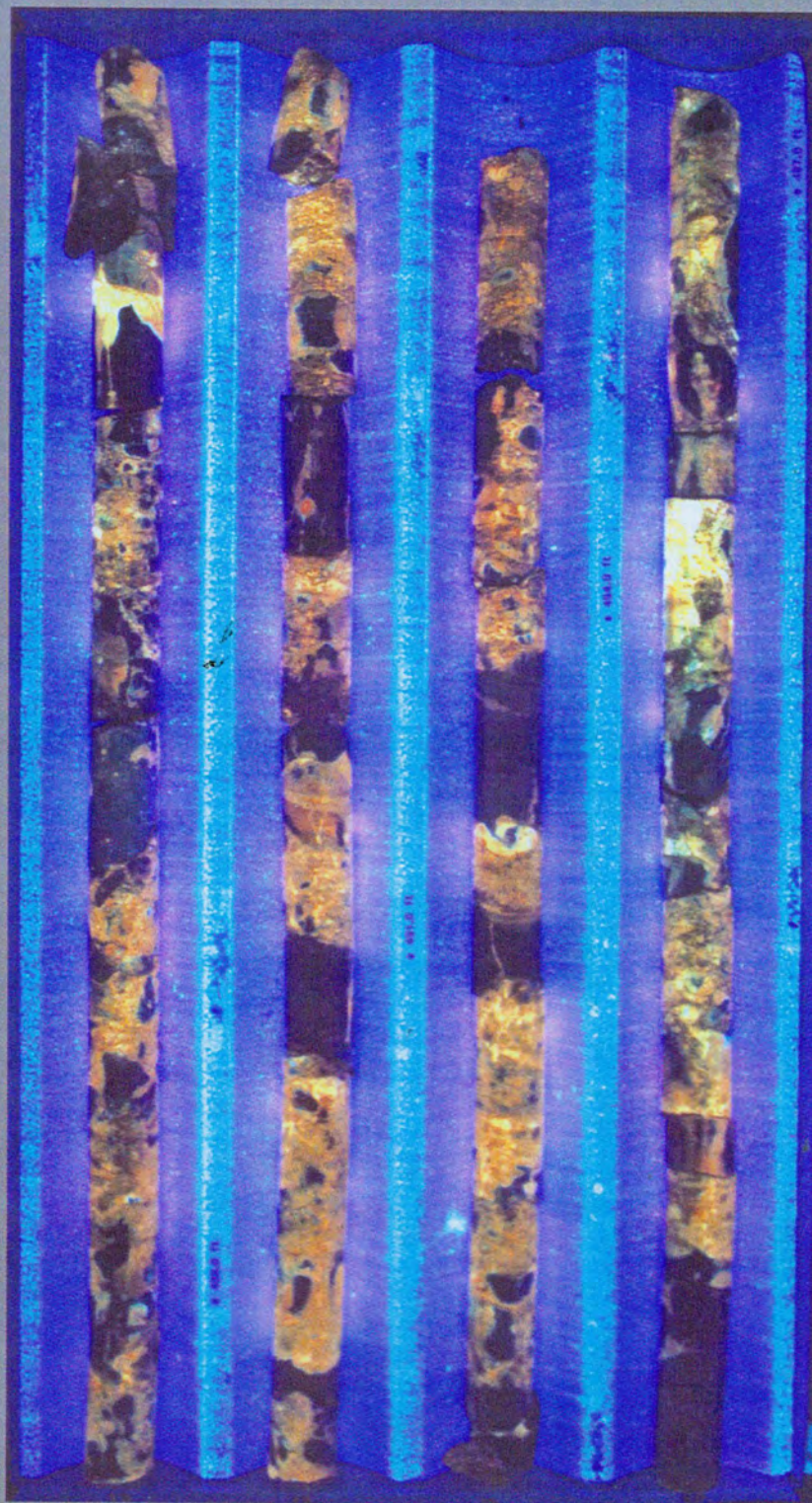


Bottom 497.2 ft

LONDON RESOURCES
LONDON RESOURCES FLATBAY #1
CORE #1

52139-96-4748
96-12-14

Top 487.7 ft



Bottom 497.2 ft

LONDON RESOURCES
LONDON RESOURCES FLATBAY #1
CORE #1

52139-96-4748
96-12-14

Top 497.2 ft



Bottom 499.2 ft

LONDON RESOURCES
LONDON RESOURCES FLATBAY #1
CORE #1

52139-96-4748
96-12-14

Top 497.2 ft



Bottom 499.2 ft