



**ANALOGS USED IN ESTIMATING INPUT**

<u>Purpose</u>	<u>Analog or Analog Set</u>
1 <u>Number of Accumulations</u>	<u>Strike-Slip</u> _____ _____ _____
2 <u>Sizes of Accumulations</u>	<u>Strike-Slip</u> _____ _____ _____
3 <u>Ancillary Data</u>	<u>World averages</u> _____ _____ _____
4 _____	_____ _____ _____
Assessment Unit (name, no.)	<u>Greater Ungava Fault Zone, 52080105</u>
Scenario (name, no.)	_____

**Scenario Probability:** Probability of occurrence (0-1.0)  
\_\_\_\_\_

**Assessment-Unit Probabilities:** (Adequacy for at least one undiscovered field of minimum size)

<u>Attribute</u>	<u>Probability of occurrence (0-1.0)</u>
1. <b>CHARGE:</b> Adequate petroleum charge:	<u>0.5</u>
2. <b>ROCKS:</b> Adequate reservoirs, traps, and seals:	<u>1.0</u>
3. <b>TIMING OF GEOLOGIC EVENTS:</b> Favorable timing:	<u>0.6</u>
<b>Assessment-Unit GEOLOGIC Probability</b> (Product of 1, 2, and 3):	<u>0.30</u>

## UNDISCOVERED ACCUMULATIONS

**Number of Undiscovered Accumulations:** How many undiscovered accumulations exist that are at least the minimum size?: (uncertainty of fixed but unknown values)

Total Accumulations:	minimum (>0)	<u>1</u>	median	<u>50</u>	maximum	<u>150</u>
Oil/Gas Mix:	minimum (>0)	<u>10</u>	mode	<u>50</u>	maximum	<u>90</u>
	X	no. of oil accumulations / no. of total accumulations				
		no. of oil accumulations / no. of gas accumulations				
		no. of gas accumulations / no. of oil accumulations				
Oil Accumulations:	minimum (>0)	<u>1</u>	median	<u>25</u>	maximum	<u>135</u>
Gas Accumulations:	minimum (>0)	<u>1</u>	median	<u>25</u>	maximum	<u>135</u>

**Sizes of Undiscovered Accumulations:** What are the sizes (**grown**) of the above accumulations?: (variations in the sizes of undiscovered accumulations)

Oil in Oil Accumulations (MMBO):	minimum	<u>50</u>	median	<u>100</u>	maximum	<u>5000</u>
Gas in Gas Accumulations (BCFG):	minimum	<u>300</u>	median	<u>600</u>	maximum	<u>30000</u>

## RATIOS FOR UNDISCOVERED ACCUMULATIONS, TO ASSESS COPRODUCTS

(variations in the properties of undiscovered accumulations)

<u>Oil Accumulations:</u>	minimum	median	maximum
Gas/oil ratio (CFG/BO):	<u>50</u>	<u>1700</u>	<u>15000</u>
NGL/gas ratio (BNGL/MMCFG):	<u>5</u>	<u>16</u>	<u>60</u>
<u>Gas Accumulations:</u>	minimum	median	maximum
Liquids/gas ratio (BLIQ/MMCFG):	<u>10</u>	<u>20</u>	<u>52</u>

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## SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS

(variations in the properties of undiscovered accumulations)

<u>Oil Accumulations:</u>	minimum		median		maximum
API gravity (degrees):	<u>23</u>		<u>40</u>		<u>55</u>
Viscosity (centipoise)	<u>120</u>		<u>280</u>		<u>8200</u>
Sulfur content of oil (%):	<u>0.24</u>		<u>0.7</u>		<u>5</u>
Depth (m) of water (if applicable):	<u>0</u>		<u>500</u>		<u>800</u>
Drilling Depth (m):	minimum	F75	median	F25	maximum
	<u>500</u>		<u>2000</u>		<u>5000</u>

<u>Gas Accumulations:</u>	minimum		median		maximum
Inert gas content (%):	<u>1.5</u>		<u>3.8</u>		<u>17</u>
Carbon dioxide content (%):	<u>1.4</u>		<u>5</u>		<u>28</u>
Hydrogen sulfide content (%):	<u>0.7</u>		<u>1.5</u>		<u>6</u>
Depth (m) of water (if applicable):	<u>0</u>		<u>500</u>		<u>800</u>
Drilling Depth (m):	minimum	F75	median	F25	maximum
	<u>500</u>		<u>2500</u>		<u>8000</u>

Assessment Unit (name, no.)	<u>Greater Ungava Fault Zone, 52080105</u>
Scenario (name, no.)	<u> </u>

## ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ARCTIC AREA

### 1 North of Arctic Circle

59.16 area % of the AU

Oil in Oil Accumulations:	<u>59.16</u>	volume % of the AU
Gas in Gas Accumulations:	<u>59.16</u>	volume % of the AU

### 2 South of Arctic Circle

40.84 area % of the AU

Oil in Oil Accumulations:	<u>40.84</u>	volume % of the AU
Gas in Gas Accumulations:	<u>40.84</u>	volume % of the AU

Assessment Unit (name, no.)	<u>Greater Ungava Fault Zone (52080105)</u>
Scenario (name, no.)	<u> </u>

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES**

1 Offshore portion of

96.8 area % of the AU

Oil in Oil Accumulations: 96.8 volume % of the AU

Gas in Gas Accumulations: 96.8 volume % of the AU

2 Onshore portion of:

Greenland

3.2 area % of the AU

Oil in Oil Accumulations: 3.2 volume % of the AU

Gas in Gas Accumulations: 3.2 volume % of the AU

3 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

4 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

5 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

6 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

Assessment Unit (name, no.)

Greater Ungava Fault Zone, 52080105

Scenario (name, no.)

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**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES**

1 ONSHORE portion of: West Greenland-East Canada

3.2 area % of the AU

Oil in Oil Accumulations: 3.2 volume % of the AU  
 Gas in Gas Accumulations: 3.2 volume % of the AU

OFFSHORE portion of: West Greenland-East Canada

96.8 area % of the AU

Oil in Oil Accumulations: 96.8 volume % of the AU  
 Gas in Gas Accumulations: 96.8 volume % of the AU

2 ONSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
 Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

OFFSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
 Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

3 ONSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
 Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

OFFSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
 Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

Assessment Unit (name, no.) Greater Ungava Fault Zone, 52080105  
 Scenario (name, no.) \_\_\_\_\_

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES**

4 ONSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

OFFSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

5 ONSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

OFFSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

6 ONSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

OFFSHORE portion of: \_\_\_\_\_

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

Assessment Unit (name, no.)  
Scenario (name, no.)

Greater Ungava Fault Zone, 52080105

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ICE CONDITIONS**

1 Province: \_\_\_\_\_

Permanent sea ice \_\_\_\_\_ area % of the AU  
Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

Semi-permanent sea ice 100 area % of the AU  
Oil in Oil Accumulations: 100 volume % of the AU  
Gas in Gas Accumulations: 100 volume % of the AU

2 Province: \_\_\_\_\_

Permanent sea ice \_\_\_\_\_ area % of the AU  
Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

Semi-permanent sea ice \_\_\_\_\_ area % of the AU  
Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

3 Province: \_\_\_\_\_

Permanent sea ice \_\_\_\_\_ area % of the AU  
Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

Semi-permanent sea ice \_\_\_\_\_ area % of the AU  
Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU  
Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

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