



|                                           |                                                                |                                                |                 |           |
|-------------------------------------------|----------------------------------------------------------------|------------------------------------------------|-----------------|-----------|
| Container Identification<br>PB 1A         |                                                                | Laboratory Number<br>WE70314A                  |                 |           |
| Operator Name<br>PARAMOUNT RESOURCES LTD. |                                                                |                                                |                 |           |
| Unique Well Identifier<br>A-73            | Well Name<br>A-73 ET AL SWEDE                                  | Elevation<br>KB m      GRD m                   |                 |           |
| Field or Area<br>SWEDE                    | Pool or Zone<br><del>SLAVE POINT</del><br><i>Sulphur Point</i> | Sampler's Company<br>SOLID PRODUCTION SERVICES |                 |           |
| Test Type                                 | Test No.                                                       | Test Recovery<br>SP: BOTTOM SIGHT GLASS        | Name of Sampler |           |
| Test Interval or Perfs                    |                                                                | Sampling Point<br>BOTTOM                       | Separator       | Reservoir |
|                                           |                                                                | Pressure (kPa)                                 | Source          | Sampled   |
|                                           |                                                                | Temperature (°C)                               | Received        |           |
| Date Sampled<br>Mar 10, 2001              | Date Received<br>Mar 30, 2001                                  | Date Reported<br>Apr 09, 2001                  | Analyst<br>LN   |           |
| Other Information<br>12:00                |                                                                |                                                |                 |           |

### Cations

| ION | mg/L   | Mass Fraction | mmol/L |
|-----|--------|---------------|--------|
| Na  | 2810.0 | 0.322         | 122.2  |
| K   | 457.0  | 0.052         | 11.7   |
| Ca  | 12.0   | 0.001         | 0.3    |
| Mg  | 12.4   | 0.001         | 0.5    |
| Fe  | 4.4    | 0.001         | 0.1    |

### Anions

| ION              | mg/L   | Mass Fraction | mmol/L |
|------------------|--------|---------------|--------|
| Cl               | 4188.0 | 0.479         | 118.1  |
| HCO <sub>3</sub> | 1235.3 | 0.141         | 20.2   |
| SO <sub>4</sub>  | 18.9   | 0.002         | 0.2    |
| CO <sub>3</sub>  | Nil    | Nil           | Nil    |
| OH               | Nil    | Nil           | Nil    |

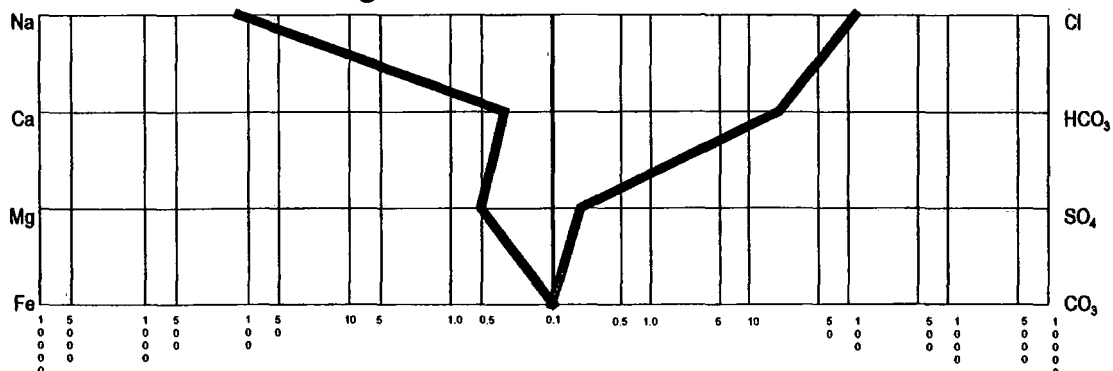
### Other Measurements

| Measurement                              | Value |
|------------------------------------------|-------|
| Total Dissolved Solids (Calculated) mg/L | 8738  |
| Observed pH                              | 8.06  |
| H <sub>2</sub> S (25°C) mg/L             | N/D   |
| Relative Density (25°C)                  | 1.006 |
| Resistivity / OHM·m (25°C)               | 0.877 |
| Salinity %                               | 0.75  |

Total Cations 135.7

Total Anions 138.8

### Logarithmic Pattern mmol/L





|                          |
|--------------------------|
| Container Identification |
| PB 1A                    |

|                   |
|-------------------|
| Laboratory Number |
| WE70314A          |

|                          |
|--------------------------|
| Operator Name            |
| PARAMOUNT RESOURCES LTD. |

|                        |                  |                                                      |
|------------------------|------------------|------------------------------------------------------|
| Unique Well Identifier | Well Name        | Elevation                                            |
| A-73                   | A-73 ET AL SWEDE | KB m <input type="text"/> GRD m <input type="text"/> |

|               |                                         |                           |
|---------------|-----------------------------------------|---------------------------|
| Field or Area | Pool or Zone                            | Sampler's Company         |
| SWEDE         | <del>SLAVE POINT</del><br>Sulphur Point | SOLID PRODUCTION SERVICES |

|           |          |                        |                 |
|-----------|----------|------------------------|-----------------|
| Test Type | Test No. | Test Recovery          | Name of Sampler |
|           |          | SP: BOTTOM SIGHT GLASS |                 |

|                        |                |                  |           |        |         |          |
|------------------------|----------------|------------------|-----------|--------|---------|----------|
| Test Interval or Perfs | Sampling Point | Separator        | Reservoir | Source | Sampled | Received |
|                        | BOTTOM         | Pressure (kPa)   |           |        |         |          |
|                        |                | Temperature (°C) |           |        |         |          |

|              |               |               |         |
|--------------|---------------|---------------|---------|
| Date Sampled | Date Received | Date Reported | Analyst |
| Mar 10, 2001 | Mar 30, 2001  | Apr 09, 2001  | LN      |

|                   |
|-------------------|
| Other Information |
| 12:00             |

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| SO <sub>4</sub>  | 18.9   | 0.002         | 0.2    |
| CO <sub>3</sub>  | NII    | NII           | NII    |
| OH               | NII    | NII           | NII    |

### Other Measurements

| Measurement                              | Value |
|------------------------------------------|-------|
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Total Cations

Total Anions

### Logarithmic Pattern mmol/L

