

# NDEP Acid-Base Accounting Form: Nevada Modified Sobek Procedure

NDEP Form 0620

Project Name: \_\_\_\_\_

Permit Number: \_\_\_\_\_

Sample Location: \_\_\_\_\_

Reporting Period (Year): \_\_\_\_\_

| Description           | Units | Qtr. | Qtr. | Qtr. | Qtr. |
|-----------------------|-------|------|------|------|------|
| Nevada Cert. Lab Name | ---   |      |      |      |      |
| Lab Reference #       | ---   |      |      |      |      |
| Sample Date           | ---   |      |      |      |      |
| Lab Test Date         | ---   |      |      |      |      |
| Sampled By            | ---   |      |      |      |      |

### Laboratory Reported Results

| Parameter                      | Units | Result | Result | Result | Result |
|--------------------------------|-------|--------|--------|--------|--------|
| Paste pH                       | S.U.  |        |        |        |        |
| ANP                            | T/kT  |        |        |        |        |
| Total Sulfur                   | %     |        |        |        |        |
| Hot Water Rinse Residue        | %     |        |        |        |        |
| HCl Rinse Residue              | %     |        |        |        |        |
| HNO <sub>3</sub> Rinse Residue | %     |        |        |        |        |

### Alternative 1: Calculations

| Parameter                              | Units | Value | Value | Value | Value |
|--|-------|-------|-------|-------|-------|
| AGP from Total Sulfur                  | T/kT  |       |       |       |       |
| NNP                                    | T/kT  |       |       |       |       |
| ANP/AGP (calculated per Alternative 1) |       |       |       |       |       |

### Alternative 2: Calculations

| Parameter                              | Units | Value | Value | Value | Value |
|--|-------|-------|-------|-------|-------|
| Total Sulfur                           | %     |       |       |       |       |
| H <sub>2</sub> O-Soluble Sulfate       | %     |       |       |       |       |
| Non-H <sub>2</sub> O Sulfate Sulfur    | %     |       |       |       |       |
| Pyritic Sulfur                         | %     |       |       |       |       |
| Non-Extractable Sulfur                 | %     |       |       |       |       |
| Potential Acid Generating Sulfur       | %     |       |       |       |       |
| Calculated AGP                         | T/kT  |       |       |       |       |
| NNP                                    | T/kT  |       |       |       |       |
| ANP/AGP (calculated per Alternative 2) |       |       |       |       |       |

Comments: Complete descriptions of the methods and calculations for Alternative I and Alternative II can be found in the most recent version of the Nevada Modified Sobek Procedure. If either Alternative is not performed, the corresponding cells may be greyed out or left blank.

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