

**Cameco Australia Pty. Ltd.**

**Nabarlek Project EL's 10176, 24371, 24372 - Outcrop Sample TSA Minerals - 2007**

| Sample Number | Lithology | TSA Mineral 1 | TSA Weight 1 | TSA Mineral 2 | TSA Weight 2 | TSA Error | Signal to Noise | AlOH Crystallinity | Kaolinite Crystallinity |
|---------------|-----------|---------------|--------------|---------------|--------------|-----------|-----------------|--------------------|-------------------------|
| NA070001      | SDST      | Kaolinite     | 0.691        | Siderite      | 0.309        | 5000      | 2448.66         | 1.253              | 2.38                    |
| NA070002      | FER       | Aspectral     | NULL         | NULL          | NULL         | 106.97    | 2424.88         | 0.111              | 1.555                   |
| NA070003      | SDST      | Kaolinite     | 1            | NULL          | NULL         | 495.85    | 2520.85         | 1.867              | 3.402                   |
| NA070004      | SDST      | Illite        | 1            | NULL          | NULL         | 1841.84   | 2614.41         | 0.589              | 3.269                   |
| NA070005      | SDST      | Illite        | 1            | NULL          | NULL         | 211.75    | 2263.42         | 0.576              | 1.911                   |
| NA070006      | SDST      | Halloysite    | 0.592        | K_Alunite     | 0.408        | 762.57    | 1406.9          | 0.66               | 2.837                   |
| NA070007      | FER       | Halloysite    | 1            | NULL          | NULL         | 217.27    | 1730.05         | 0.868              | 1.979                   |
| NA070008      | FER       | Kaolinite     | 1            | NULL          | NULL         | 179.84    | 1778.77         | 1.897              | 2.246                   |
| NA070009      | FER       | Kaolinite     | 0.511        | Halloysite    | 0.489        | 5000      | 1776.44         | 0.668              | 1.604                   |
| NA070010      | SDST      | Aspectral     | NULL         | NULL          | NULL         | 42.839    | 2327.01         | 1.07               | 1.389                   |
| NA070011      | AMPH      | Kaolinite     | 0.551        | Opal          | 0.449        | 110.88    | 1828.88         | 0.942              | 1.923                   |
| NA070012      | SCH       | Illite        | 1            | NULL          | NULL         | 350.99    | 3034.2          | 1.157              | 2.534                   |
| NA070013      | FER       | Halloysite    | 1            | NULL          | NULL         | 103.13    | 1971.95         | 0.646              | 1.231                   |
| NA070014      | QZBX      | Muscovite     | 1            | NULL          | NULL         | 69.061    | 2579.81         | 1.492              | 5.395                   |