



**Southwest Research Institute®  
Nonconformance Report**



| IDENTIFICATION   |                        |  |
|--|------------------------|--|
| <b>Submitted By:</b> Brient, Robert D.   | <b>Date:</b> 16-JUL-09 | <b>Report Number:</b> 2009-NCR-0209      |
| <b>Division:</b> 20 - GEOSCIENCES & ENGINEERING<br>01.20: GEOCHEMISTRY   |                        | <b>Project Number:</b> 14002.01.353      |
| <b>Quality Program:</b> GED (20) QAM   |                        |  |
| <b>Associated Report:</b> N/A  |                        |  |
| <b>Defect Code:</b> Failure to follow procedure  |                        |  |
| <b>10 CFR Part 21 Reportable:</b> No   |                        |  |
| <b>Description of the Nonconformance:</b><br><br>Contrary to TOP-018, 3.1, OLI Analyzer version 3 was used to perform geochemical calculations without having been placed under control and validated. |                        |  |
| <b>Issued To:</b> Roberto Pabalan  |                        | <b>Response Due Date:</b> 23-JUL-09      |
| <b>SwRI cc:</b> Patrick, Wesley C. (20), Percy, English C. (20), Sagar, Budhi (20), Wittmeyer, Gordon W. (20)  |                        |  |
| RESPONSE(S)  |                        |  |
| <b>Disposition:</b> Repair   |                        |  |
| <b>Customer Approval of Disposition Required?</b> NO   |                        |  |
| <b>Proposed Action to Address Nonconformance:</b><br><br>OLI Analyzer Version 3.0 will be placed under control and validated.  |                        |  |
| <b>Response By:</b> Pabalan, Roberto T.  | <b>Date:</b> 16-JUL-09 | <b>Target Date for Action:</b> 23-JUL-09 |
| APPROVALS  |                        |  |
| <b>Management Approval:</b> Percy, English C.  |                        | <b>Date:</b> 16-JUL-09                   |
| <b>QA Approval:</b> Brient, Robert D.  |                        | <b>Date:</b> 16-JUL-09                   |
| VERIFICATION   |                        |  |
| <b>Verification of Action Taken:</b><br>The software was placed under control and validated in accordance with TOP-018.<br><br>Pat Mackin  |                        |  |
| <b>Verified By:</b> Mackin, Patrick C.   |                        | <b>Date:</b> 20-JUL-09                   |