



Southwest Research Institute® Nonconformance Report



IDENTIFICATION		
Submitted By: Bannon, Donald R.	Date: 06-JUN-08	Report Number: 2008-NCR-0223
Division: 20 - GEOSCIENCES & ENGINEERING 01.50: CORR. SCI. & PROC. ENGR.	Project Number: OHD20.131	
Quality Program: NQA-1		
Associated Report: N/A		
Defect Code: Calibration		
10 CFR Part 21 Reportable: No		
Description of the Nonconformance: Keithley Picoammeter Model 485, s/n 509163, AN001437 was found to be out of tolerance by SwRI Calibration Laboratory during routine calibration. Test points at 19.0 nAmp, 1.90 nAmp, -19.0 nAmp, and -1.90 nAmp were out of tolerance. The instrument was adjusted and upon recheck, was found to be in tolerance.		
Issued To: Xihua He	Response Due Date: 13-JUN-08	
SwRI cc: Axler, Keith M (20)		
RESPONSE(S)		
Disposition: Accept as is		
Customer Approval of Disposition Required? NO		
Proposed Action to Address Nonconformance: No measurements were affected by this out of tolerance condition. Keithley Picoammeter was found to be out of tolerance in nano-Amp range at 19.0 nAmp, 1.90 nAmp, -19.0 nAmp, and -1.90 nAmp. The picoammeter was not used to collect data for Geosciences and Engineering Division projects since the last calibration. Picoammeter was adjusted to within tolerance by SwRI Calibration Lab. Instrument is placed into service. If the instrument is not used and continues fail calibration, it will be removed from the system.		
Response By: He, Xihua	Date: 12-JUN-08	Target Date for Action: 19-JUN-08
APPROVALS		
Management Approval: Axler, Keith M	Date: 12-JUN-08	
QA Approval: Brient, Robert D.	Date: 12-JUN-08	
VERIFICATION		
Verification of Action Taken: Actions are adequately discribed in the Response.		
Verified By: Simpson, Michael T	Date: 20-JUN-08	