



CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

23/25

PROJECT NO.:20-5702-154

REPORT NO.:95-01

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PERSONS CONDUCTING TEST/EXAM/ACTIVITY: R. Green, K. Meyer, B. Hill, C. Connor, D. Dunn, S. Mohanty, S. Hsiung, J. Prikryl, M. Ahola, P. Bertetti, R. Pabalan, D. Ferrill, S. Jones, K. Spivy.

SATISFACTORY FINDINGS:

Source reagents and measuring and test equipment used in the preparation of laboratory reagents and standards are being annotated in scientific notebooks. The label for each laboratory reagent and standard is being annotated with the date of preparation, identification, and expiration date when applicable.

Samples control logs contain the sample identification number, date of receipt and entry, person making the entry, and storage location. Sample control logs accurately reflect sample status. Samples are protected from the deterioration or damage. Storage location have limited and/or controlled access.

UNSATISFACTORY FINDINGS:

The labels for reagents and standards in the Sorption Lab do not reference the Scientific Notebook entry of the preparation by notebook control number and page number. Labels will be corrected as these reagents and standards are refreshed.

The storage location in the Sample Control Log for Analog samples is not current due to the sample storage units being moved to a different building. A student will be assigned to make the necessary corrections to the sample control log.

NONCONFORMANCE REPORT NO.: NCR No. 95-1

ATTACHMENTS: CNWRA Surveillance Worksheet, NCR No. 95-1

RECOMMENDATIONS/ACTIONS:

Update the attachments to TOP-012 and delete the requirement for the label for chemical reagents and standards to contain a reference to the Scientific Notebook number and page.

Sample control for Volcanology needs to be assessed at the Smithsonian.

Follow-up on actions noted above by June 30, 1995.

APPROVED:

Bruce Mahan
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE:

4/27/95

DISTRIBUTION: ORIGINAL - CENTER QA DIRECTOR
ORIGINATOR

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**CNWRA Surveillance Worksheet
TOP-012, Revision 1**

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Element	Lab	Reagent/Standard Checked	Sample Numbers Checked	Storage/ Environment
Volcanology	Storeroom A249	N/A	102795-2 2695B-2 2695B-1	OK
Tectonics	Rock Mechanics Lab	N/A	DBMF 5.4.1 DIP-I DBMF 5.4.1 BED-I DBMF 5.4.1 Strike -1 BME-14 BMN-21	OK
Analogs	GeoChem Lab	Cerous Nitrate Hydrazine Dihydrochloride Ceric Hydroxide Sodium Hexametaphosphate	NOPI-405, 307, 400 SAN-040 SAN94-030, 040	OK
Rock mechanics	Rock Mechanics Lab	N/A	SRM 26.2.2/26.2.3 SRM 22.2.2/22.3.3	OK
Thermo	HC Lab	NaOH, KCl, NaCl, KI, MgCl	Sinch*5 SA*1 C3-B2-3	OK
IWPE	IWPE Lab	SO ₂ , NO ₂ , NaOH, 20% HNO ₃	P80746 T0954 HH4371 FG	OK

24/1/15

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Element	Lab	Reagent/Standard Checked	Sample Numbers Checked	Storage/ Environment
Sorption	Geochemistry Lab	NaNO ₃	W510*60/100*UC*R Fe*HL*325/pan*UC SAZ*Na*	OK

Signed Randy Tolch
Date 4/25/95

4/25/95