DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

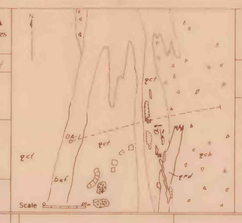
KINGDOM OF SAUDI ARABIA
MINISTRY OF PETROLEUM AND MINERAL RESOURCES

UNITED STATES GEOLOGICAL SURVEY
OPEN-FILE REPORT 81-561

TECHNICAL RECORD 5
SA(IR) - 343
PLATE 2

KINGDOM OF SAUDI ARABIA
Ministry of Petroleum and Mineral Resources
Directorate General of Mineral Resources

Organization: U.S. GEOLOGICAL SURVEY
Mineral Occurrence: EAST DHAHAR
Drill Hole Number: DA-1
References:
Logged by: CHARLES W. SMITH



Date Started: NOV. 5, 1977 Hole Size: Nx 0-603.5
Date Completed: DEC. 12, 1977 Bx 603.5-787.20
Driller: ADC Ax

Survey Data
Collar Coord: Lat 18°13'25.5"N Long 43°44'30"E
Grid Reference: GREENWICH Elevation: 1907m

Subsurface (Tropari or)

Depth	Inclination	Azimuth	Depth	Inclination	Azimuth
83m	-46°				
150m	-40°	72°			
150m	-36°	76°			
225m	-40°	76°			

KINGDOM OF SAUDI ARABIA
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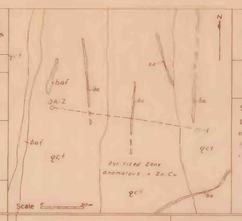
Organization: U.S. GEOLOGICAL SURVEY
Mineral Occurrence: WEST DHAHAR
Drill Hole Number: DA-2
References:
Logged by: CHARLES W. SMITH



Date Started: DEC. 12, 1977 Hole Size: Nx 0-610m
Date Completed: JAN 15, 1978 Bx 610-814.30
Driller: ADC Ax

Survey Data
Collar Coord: Lat 18°13'25.5"N Long 43°44'15"E
Grid Reference: GREENWICH Elevation:

Subsurface (Tropari or)

Depth	Inclination	Azimuth	Depth	Inclination	Azimuth
0-91.50	-34°	84°			
91.50-152.50	-32°	95°			
152.50-213.50	-26°	94°			

KINGDOM OF SAUDI ARABIA
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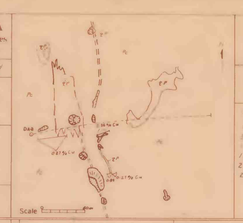
Organization: U.S. GEOLOGICAL SURVEY
Mineral Occurrence: AL HAJRAH
Drill Hole Number: DA-3
References:
Logged by: CHARLES W. SMITH

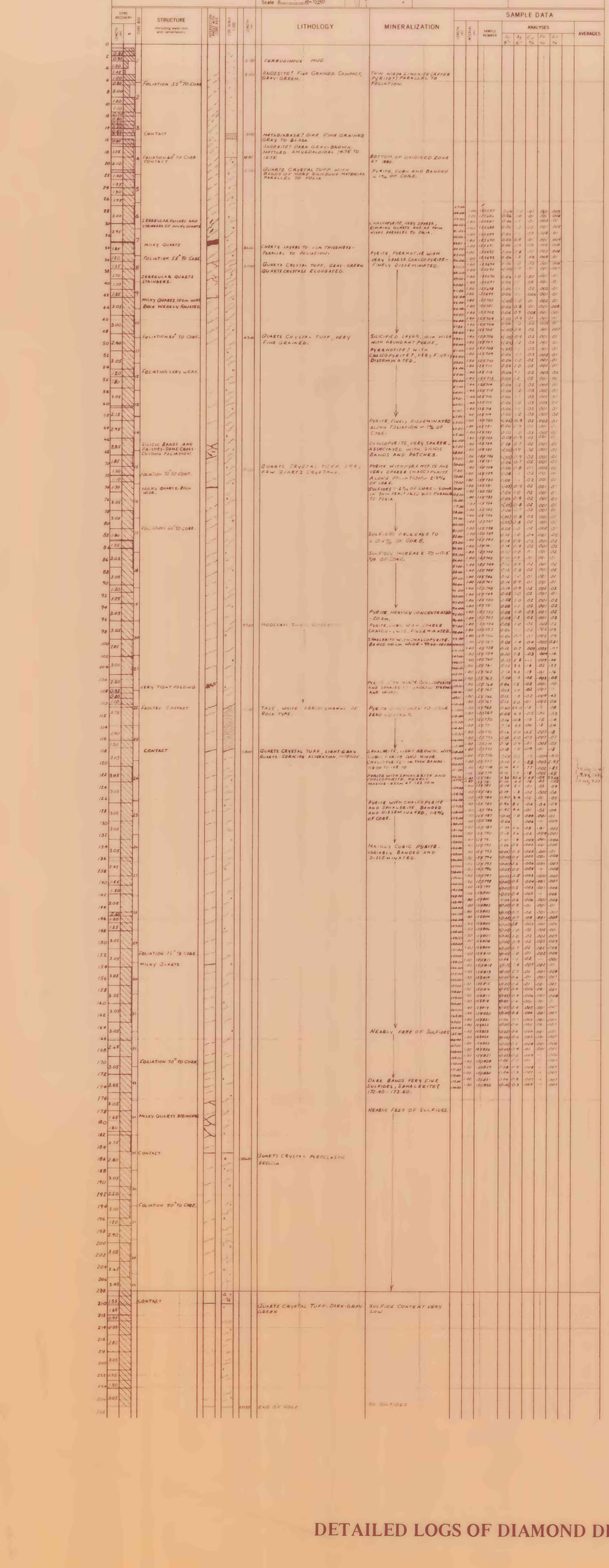


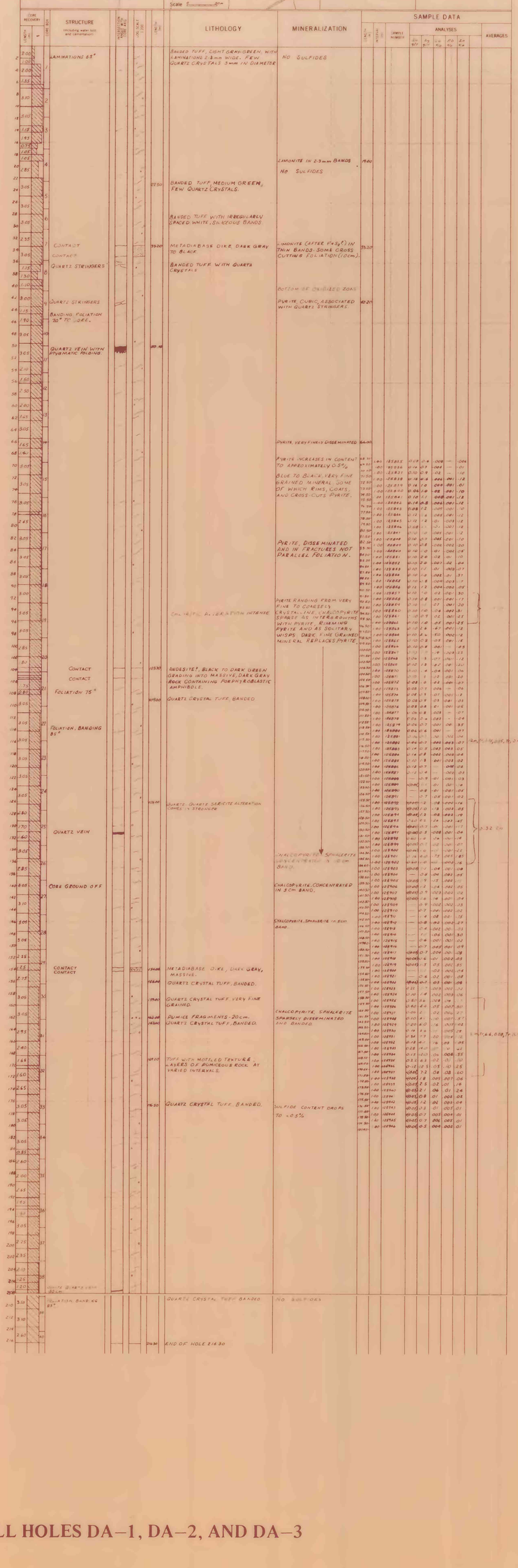
Date Started: JAN 19, 1978 Hole Size: Nx 0-51.40
Date Completed: FEB. 25, 1978 Bx 51.40-250.00
Driller: ADC Ax

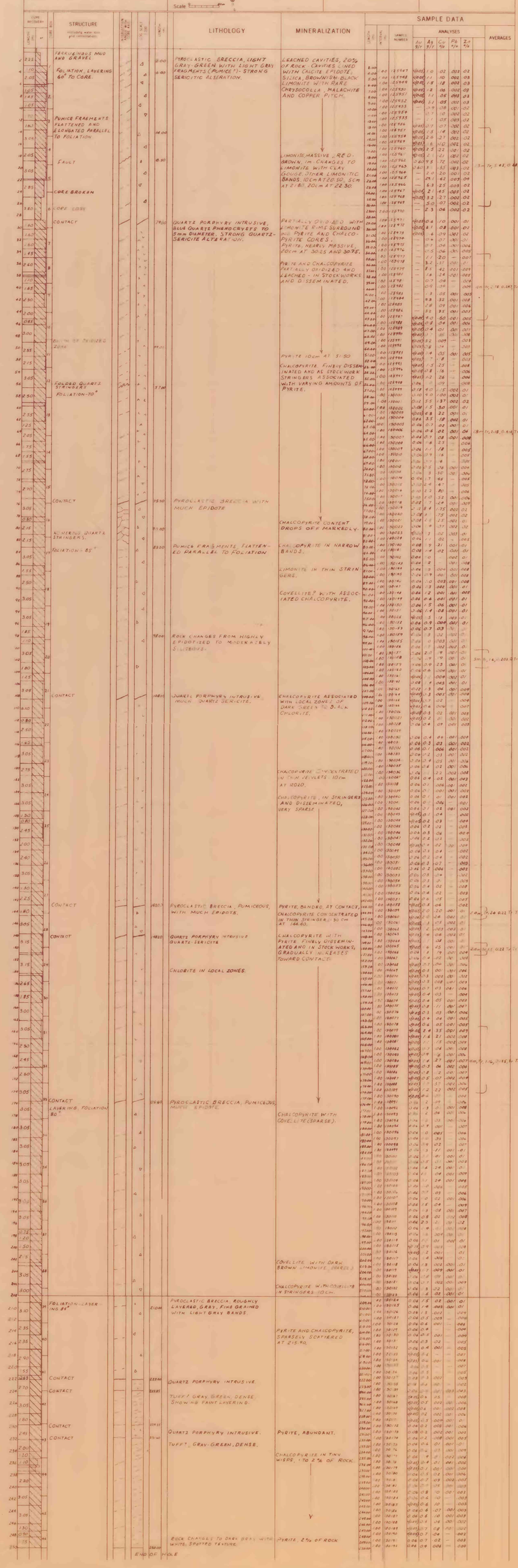
Survey Data
Collar Coord: Lat 18°11'00"N Long 43°43'00" (APPROX.)
Grid Reference: GREENWICH Elevation: 2010m

Subsurface (Tropari or)

Depth	Inclination	Azimuth	Depth	Inclination	Azimuth
45m	-0°	82°			
90m	-1°	84°			
150m	-31°	80°			
200m	-27°	81°			
250m	-43°	89°			







DETAILED LOGS OF DIAMOND DRILL HOLES DA–1, DA–2, AND DA–3

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.