

U.S. GEOLOGICAL SURVEY
FIELD RECORDS LIBRARY
DENVER, COLORADO

HAROLD EDWIN MALDE
(1923-)

GEOLOGY AND STRATIGRAPHY OF THE VALSEQUILLO
AREA, PUEBLA, MEXICO.

1964-1966, 1968, 1970, 1973

Item numbers NO-7158 through NO-7171 (1.3 linear ft.),
Map folder MA-1088 (ca. 50 items) and Map roll RO-52 (1 item)

INVENTORY

by

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U.S. Geological Survey Field Records Library
MS 914, Box 25046, Federal Center
Denver, CO 80225-0046
February 2003

Coworkers with Malde who also authored material in this project include Roald Fryxell and Virginia Steen-McIntyre.

Publications include:

- Geological Society of America. Special Paper 121 (1969), pp. 186-187.
Geological Society of America. Abstracts with Programs, v. 5, no. 7 (1973), pp. 820-821;
Quaternary Research (New York), v. 16, no. 1 (1981), pp. 1-15.
Quaternary Research (New York), v. 16, no. 3 (1981), pp. 418-421.

<u>Item Number</u>	<u>Description</u>
NO-7158	Field notebook with geologic notes, sketches, measured section data, photo information, and sample listing and descriptions, many on the Tetela peninsula. Sample numbers 64M1—135, 65M1—173. 1964-1965.
NO-7159	Field notebook with geologic notes, measured section data, sketches, photo information, and sample listing and description for the Bca. Buena Vista locale and other areas. Sample numbers 65M174-263, 66M1—186. 1965-1966.
NO-7160	Field notebook with geologic notes, sketches, measured section data, photo information, and sample listing and description for the Tetela peninsula and vicinity. Sample numbers 66M188 – 298. 1966.
NO-7161	Field notebook with geologic notes, photo information, and sample data. Sample numbers 65M1 – 53. Valsequillo, 1968. Book 1.
NO-7162	Envelope with field notebook and loose sheets with geologic notes, altitude information, photo information, and sample descriptions. Sample numbers 67M54 – 103, 70M3 – 12. Valsequillo, 1968. Book 2. 1970.
NO-7163	Field notebook with geologic notes, survey data, photo information, and sample descriptions. Sample numbers 73M5, 15 and 16. Valsequillo, 1973.

<u>Item Number</u>	<u>Description</u>
NO-7164 Manuscript box	Materials in folders 3-6 were former in map folder MA-1088.
	with:
	- Folder #1 – memo from Ray Wilcox (13 June 1968) concerning petrographic examination of a sample of basaltic tuff, 64M60; geologic and stratigraphic notes; notes on illustrations and place names;
	- folder # 2 - typed Preliminary Draft, "Stratigraphy of Valsequillo region (except Valsequillo Gravel, volcanic ash stratigraphy, etc)" by Harold E. Malde, May 1968;
	- folder #3 – photocopy of typed Preliminary Draft in folder 2, with editing notes and at least 1 illustration not in folder 2 copy;
	- folder #4 –
	o List with descriptions: Steen-McIntyre samples collected on Tetela Peninsula, Valsequillo area, Puebla, Mexico, May 1973; Valsequillo Formation, Buena Vista area – description of beds with corresponding Malde sample numbers, and maximum bed thickness information;
	o Map, Form Lines at Base of Tetela Mud Member of Valsequillo gravels, Tetela Peninsula, Valsequillo Reservoir;
	o Map, Buena Vista area, Tetela Peninsula. Bottom Contour, Tetela Mud Member, Valsequillo Gravels. Contours, Map, and Outline of Geologic Bodies by H.E. Malde, 1970;
	o Map, Position of representative samples of lapilli and ash in Valsequillo gravels at Buena Vista Tetela;
	o Two similar geologic maps of Buena Vista Tetela area; one with annotations;
	- folder #5 –
	o Index map of southwest part of La Malinche
	o La Malinche Volcanic Ash stratigraphy;
	o Correlation chart, La Malinche-Tetela-Rio Frio-Caulapan;
	- folder #6 – Six (6) sheets of notes and sketches on samples of Virginia Steen-McIntyre and Harold E. Malde; cover sheet says "Bca. Xotanacatla."
NO-7165	Expandable envelope with contents list and 118 aerial photographs dated 1965.
	Flight 1805 numbers: 12:1-5, 13: 1-5, 14: 1-6, 15: 1-9, 16:1-10, 17: 1-25, 18: 1-19, 19: 1-20, 20: 1-19.
NO-7166	Expandable envelope with 63 aerial photographs dated 1965.
Flight 1805	numbers 21: 1-15, 22: 1-18, 23: 1-10, 24: 1-9, 25: 1-11. (Index map in
MA-	1088).

NO-7167 Expandable envelope with 73 aerial photographs dated 1959.
Flight 1452
 numbers 39-54, 59-62, 75-110, 113-120. (Index map in MA-1088).

<u>Item Number</u>	<u>Description</u>
NO-7168	Expandable envelope with "La Malinche" photo and 44 aerial photographs dated 1955. Flight 1230 numbers 1-44.
NO-7169	Expandable envelope with 98 aerial photographs, "La Malinche West", dated 1963. Flight 1687 numbers 1-98. (Index map in MA-1088)
NO-7170	Expandable envelope with 73 aerial photographs, "La Malinche East" dated 1963. Flight 1687 numbers 99-171. (Index map in MA-1088).
NO-7171	Expandable envelope with 59 aerial photographs, "Presa Valsequillo". Flight P-64 numbers F1: 1-10; F2: 1-13; F3: 1-12; F4: 1, 3-10; F5: 1-6, 8-14. (Index map in MA-1088)

MAP FOLDER

<u>Item Number</u>	<u>Description</u>
MA-1088	Map folder with: <ul style="list-style-type: none"> - unlabeled pencil sketch map – Buena Vista area? - Aerial photo index maps for Valle de Puebla, Carretera de Puebla, Presa Valsequillo PUE, and La Malinche; - 3 black and white vertical aerial photographs of the Buena Vista area, Tetela Peninsula – 2 have annotations; - sheet with: Fryxell samples collected at Hueyatlaco, Valsequillo, May 1973; - sheet with Monoliths collected at Hueyatlaco, May 1973; - paper sheet, Hueyatlaco Trench Diagrams-Key; - 2 unlabeled mylar trench diagrams; - copy of first set of Hueyatlaco measurements, ca 1973; - second set of measurements 5/28/73; - 2 similar geologic maps of Buena Vista Tetela area; - 4 sample locality maps; - one large and one smaller paper geologic map of the Puebla-Atlixco area, by Harold E. Malde, 1968; - 2 copies of the geologic map of the Puebla-Atlixco area, by Harold E. Malde, with accompanying legend on the same sheet;

- 2 copies of the legend only for the geologic map of the Puebla-Atlixco area;
- mylar geologic map of the Valsequilla area by Harold E. Malde, May 1968, plus 2 paper copies in different sizes;
- 1-sheet explanatory text on Historic Gully Erosion (2 copies), plus photocopy with map and explanatory text on one sheet;
- Radiocarbon age determination for mollusk shell specimen, plus 2 stratigraphic drawings showing the sample location, Barranca Caulapan, loc. 66R14;
- 4 sheets, Valsequillo Project, Stratigraphy and Surveying, May 1973, by R. Fryxell, H. Malde, and V. Steen-McIntyre;
- copy of letter from Mario Richardo (19 August 1968) with list of Vertebrate Collecting Localities, Valsequillo, and paper geologic map of the Valsequillo area with vertebrate localities shown
- paper copy, in 5 pieces, of geologic map of the Valsequilla area, including legend, with color added by Steen-McIntyre, to show "units of interest to the archeologist (email, Feb. 16, 2003);
- paper color copies of the 4 Hueyatenco archeological site 1973 trench profiles, showing stratigraphic relationships.

ROLLED MAP

RO-52 Large mylar geologic map of the Puebla-Atlixco area, 1968.