

# INTERIM 4-EXTENSION PROFILE

2004

## HUEYATLACO SITE, PUEBLA, MEXICO

With Van Landingham and Steen-McIntyre Sample Locations

Redrafted by Steen-McIntyre April, 2005

Modified January, 2008

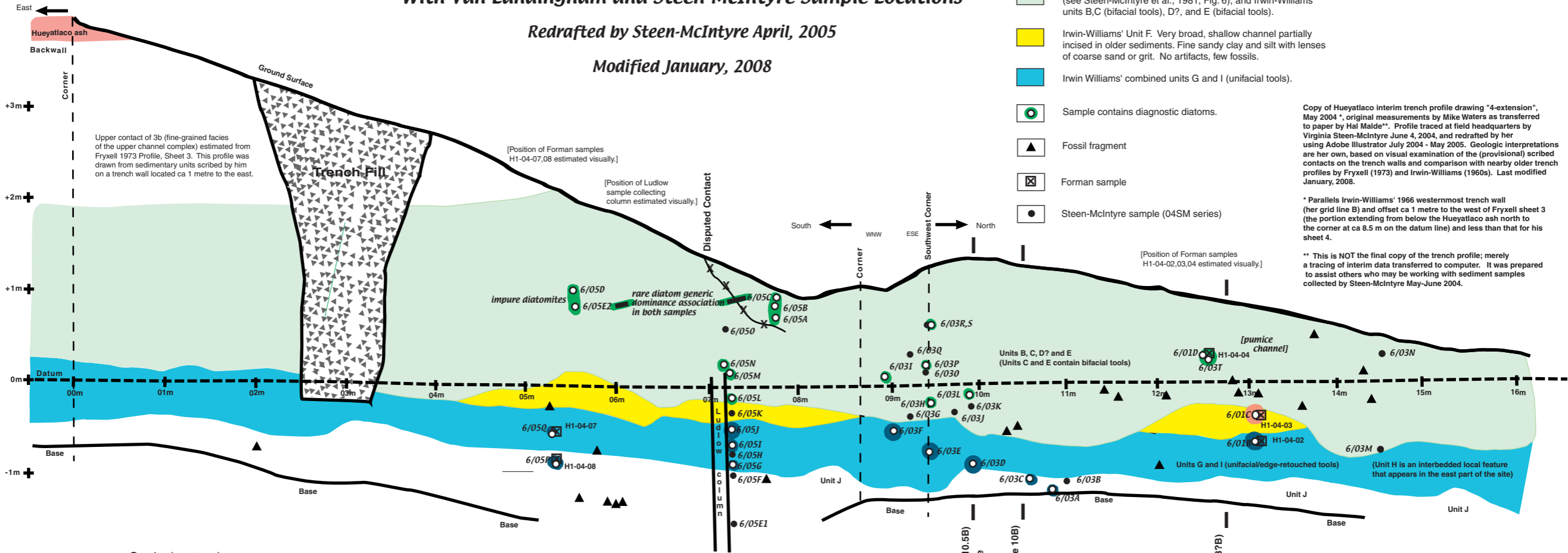
### EXPLANATION

- Hueyatlatco Ash
- Upper channel complex and time-equivalent fine-grained facies. Includes "sand grading laterally to clay" (see Steen-McIntyre et al., 1981, Fig. 6), and Irwin-Williams' units B,C (bifacial tools), D?, and E (bifacial tools).
- Irwin-Williams' Unit F. Very broad, shallow channel partially incised in older sediments. Fine sandy clay and silt with lenses of coarse sand or grit. No artifacts, few fossils.
- Irwin Williams' combined units G and I (unifacial tools).
- Sample contains diagnostic diatoms.
- Fossil fragment
- Forman sample
- Steen-McIntyre sample (04SM series)

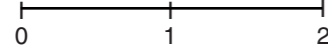
Copy of Hueyatlatco interim trench profile drawing "4-extension", May 2004\*, original measurements by Mike Waters as transferred to paper by Hal Malde\*\*. Profile traced at field headquarters by Virginia Steen-McIntyre June 4, 2004, and redrafted by her using Adobe Illustrator July 2004 - May 2005. Geologic interpretations are her own, based on visual examination of the (provisional) scribed contacts on the trench walls and comparison with nearby older trench profiles by Fryxell (1973) and Irwin-Williams (1960s). Last modified January, 2008.

\* Parallels Irwin-Williams' 1966 westernmost trench wall (her grid line B) and offset ca 1 metre to the west of Fryxell sheet 3 (the portion extending from below the Hueyatlatco ash north to the corner at ca 8.5 m on the datum line) and less than that for his sheet 4.

\*\* This is NOT the final copy of the trench profile; merely a tracing of interim data transferred to computer. It was prepared to assist others who may be working with sediment samples collected by Steen-McIntyre May-June 2004.



Scale (metres)



(For best results, view profile at a scale of 1:50 (2 cm:1m) or larger.)

Fryxell Sheet 4, SW corner (line 10.5B) connects approximately here

Irwin-Williams 1966 Profile 10/B-J (line 10B) connects approximately here

Irwin-Williams 1964? Profile 8?/B- (line 8?B) connects approximately here