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MEMORANDUM

DATE: December 22, 2000
TO: Mal Murphy [malmurphy@home.com]
CC: Danielle Fife [dfife@nrff.com]
RE: **SATURATED ZONE FLOW & TRANSPORT AMR Reviews**
Saturated Zone Colloid-Facilitated Transport
ANL-NBS-HS-000031

Key Items are:

1. No actual alluvial characterization exists for YMP, so used analogues (p. 7, Section 1, paragraph 3; Table 2, last section on p. p. 13; p. 28, Section 6.2.1). **The assumed grain size and porosity distributions should be compared to EWDP #19D and 19P results for validation.**
 2. Table 2, first section on p. 13. Infers different pathways in Bullfrog Tuff tracer test resulted from density effects in the wellbore rather than “natural phenomena”. This should be reviewed.
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