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To: Rik Visague  
from: Gregg Jibson

12 Dec 85

019987

re: Robin Tolbert's progress on the F4 model  
geological interpretation.

At the present time the base data  
plots are completed for all cross sections  
and two of the long sections.

A preliminary interpretation of the <sup>pit</sup> geology and  
sectional geometry has been prepared at 1" = 50' on clear  
acetate <sup>cross sections</sup>. He is currently in the process  
of smoothing out the section to section  
interpretation in order to facilitate  
long section interpretation. Once he  
finalizes his interpretation it will be  
necessary to transfer contacts to the  
relevant sections.

I have not yet seen the interpretation  
but Robin indicates that he is stressing  
faults (particularly east-west trending faults) that were  
mapped in the pit) over the large scale folds of previous  
models. His description of the interpretation  
sounds similar to the sections I put  
together for the phase A calculation but  
much more detailed of course.

I will review the sections with Robin  
next Friday (Dec 20<sup>th</sup>) and offer my  
comments at that time.

Robin has informed me that the  
drafting time will be higher than  
anticipated. He originally estimated 785 hr

then revised the estimate downward <sup>to 350 hr</sup> based on the rate Frank Seki was progressing on Gram. This draftsman has reached 398 hours and 150 more are likely. He further suggests that later stage drafting time may make up some of this overrun since the later work is simpler. The hourly cost is \$19/hr rather than the \$20/hr he estimated which may further narrow the difference in cost between projected and actual cost. I have told him to proceed with the drafting.

As far as timing is concerned it seems unlikely that the cross and long sections will be ready in mid January as planned but Robin seems confident he can meet his deadlines.

All in all none of this is either unexpected or particularly alarming and I see no reason not to proceed with this project. The delays that would be encountered if we did not proceed would be much larger than those likely if Robin continues.