

WM File 101

# CONVERSATION RECORD

TIME 7:00 PM DATE 2/9/84

TYPE  VISIT  CONFERENCE  TELEPHONE  INCOMING  OUTGOING

ROUTING	
NAME/SYMBOL	INT
REBrowning	
HMiller	
MJBell	
RJWright	
MSNataraja	

Location of Visit/Conference:  
NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU: Dr. Neville Cook  
ORGANIZATION (Office, dept., bureau, etc.): Univ. of Calif., Berkeley  
TELEPHONE NO.: (415) 642-5609

SUBJECT: Constructability Under High In Situ Stress Conditions, Discing, Spalling

SUMMARY  
 I called Dr. Cook to ask him if he could discuss the above subject and possibly identify any key references on it (Dr. Cook is an expert on construction in deep mines under high stress conditions). Dr. Cook noted that it is very difficult to work under these conditions. Construction problems become horrendous. This type of ground should be avoided unless you are mining something like precious metals. Under these conditions a serious increase in injuries to workers can be expected.

Dr. Cook stated that he had been to BWIP and provided the project with a letter identifying that the BWIP conditions fall into the "serious damage" zone when plotted on the chart in Hoek and Brown's text. Upon learning this I advised Dr. Cook that it would not be appropriate for us to discuss BWIP specifically, since he had (or is) consulting for them. (i.e., this could be a conflict of interest). He responded that that was not the case. He had no past or current contracts with BWIP. He only was responding to questions similar to my phone call. No compensation was involved. (Continued on attached sheet)

ACTION REQUIRED

None.

NAME OF PERSON DOCUMENTING CONVERSATION: John T. Greeves  
 SIGNATURE: *John T. Greeves*  
 DATE: 2/10/84

ACTION TAKEN  
 WM Record File 101  
 WM Project 10  
 Docket No. \_\_\_\_\_  
 PDR   
 LPDR

8403220320 840209  
 PDR WASTE  
 WM-10 PDR

SIGNATURE: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: 00692

Distribution:  
 50271-101  
 (Return to WM, 623-SS)

CONVERSATION RECORD

OPTIONAL FORM 271 (12-76) DEPARTMENT OF DEFENSE

Dr. Cook offered to send me his plot of the BWIP stress conditions. He will send this in a letter to me. I offered to brief Dr. Cook on NRC activities the next time he comes to Washington, DC. He said he would call me prior to his next visit.