

SURFACE CASING
 INJECTION OR MONITORING PIPES ARE WELDED TO STANDPIPE TO FORM AN AIR-TIGHT SEAL
 MONITORING OR INJECTION PIPE
 2" RECESSED PLUG
 2" THREADED SLEEVE WELDED TO CAP
 SURFACE
 GROUT
 TOP OF ROCK
 3/8" PLATE
 10'

CHECKER

VEIN



PITTSTON

VEIN

MARCY

VEIN

LEGEND

-  ROCK
-  WASH

TYPICAL INJECTION OR MONITORING BOREHOLE
(NOT TO SCALE)

COMMONWEALTH OF PENNSYLVANIA		
DEPARTMENT OF ENVIRONMENTAL PROTECTION		
ABANDONED MINE RECLAMATION		
CITY OF PITTSBURGH MINE SUBSIDENCE STUDY		
CITY OF PITTSBURGH		
LUZERNE COUNTY, PENNSYLVANIA		
TYPICAL INJECTION OR MONITORING BOREHOLE		
DRAWN BY J.E.S.	DATE AUGUST, 2008	DRAWING NO.
CHECKED BY J.P.S.	SCALE NOT TO SCALE	FIGURE NO. 8