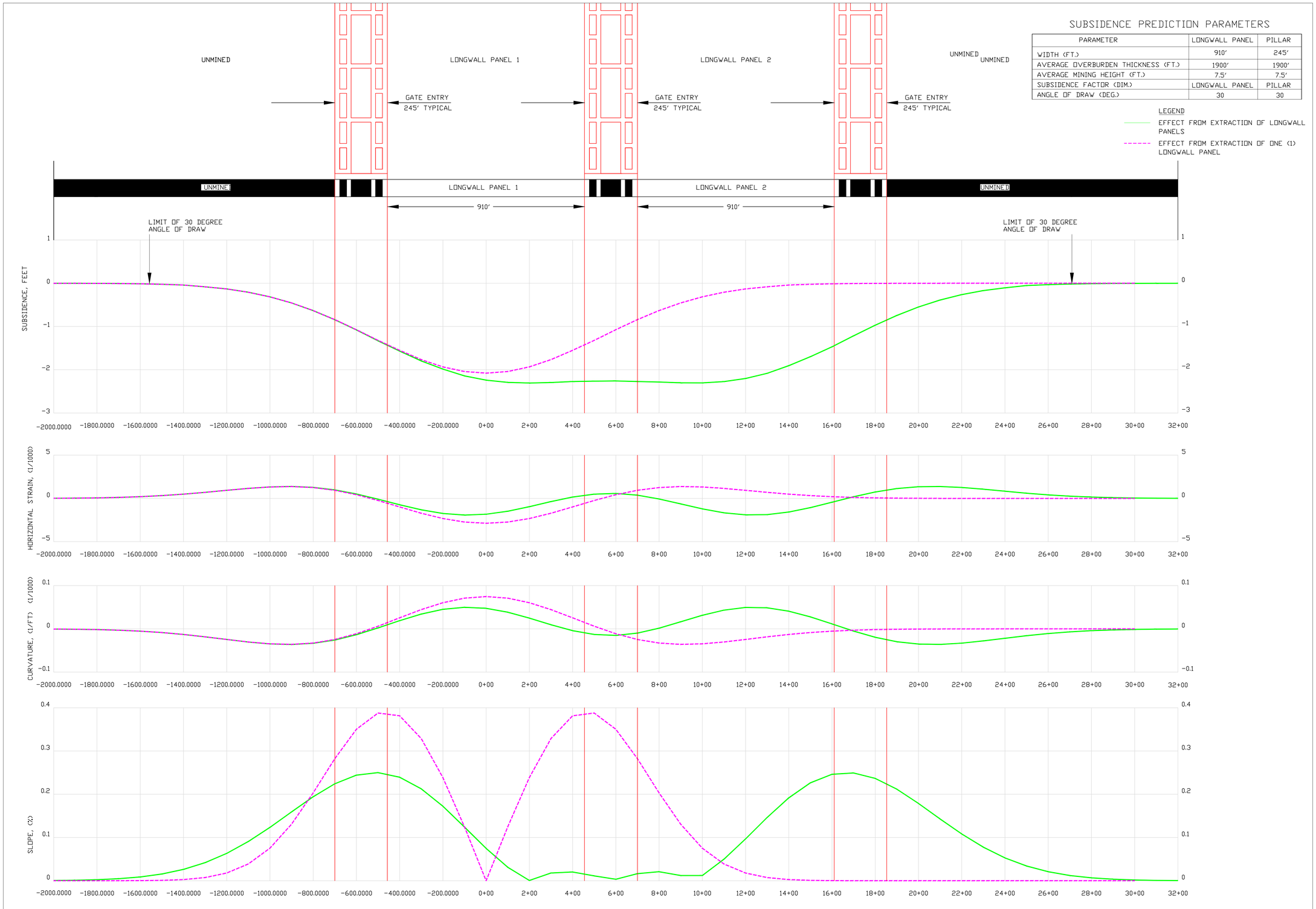

SUBSIDENCE PREDICTION PARAMETERS

PARAMETER	LONGWALL PANEL	PILLAR
WIDTH (FT.)	910'	245'
AVERAGE OVERBURDEN THICKNESS (FT.)	1900'	1900'
AVERAGE MINING HEIGHT (FT.)	7.5'	7.5'
SUBSIDENCE FACTOR (DIM.)	LONGWALL PANEL	PILLAR
ANGLE OF DRAW (DEG.)	30	30

jim walter resources, inc.
ENVIRONMENTAL ENGINEERING DEPARTMENT
P.O. BOX 133
BROOKWOOD, ALABAMA 35444
TELEPHONE: (205) 554-6297

Release Date: 08-22-12
Scale: 1"=200'
Drawing No.:
Revision No.: NA
Drawn By: McGehee Engineering Corp.
Comments:

EXHIBIT NO. 5
MINE NO. 4
SUBSIDENCE PLAN

PREDICTED GROUND RESPONSE
EXTRACTION THICKNESS OF 7.5 FEET
OVERBURDEN THICKNESS OF 1,900 FEET
PANEL WIDTH 910'
LONGWALL MINING

mcgehee engineering corp
post office box 3431
jasper, alabama 35502-3431
telephone: (205) 221-0686 fax: 221-7721
email: cw@mcgehee.org