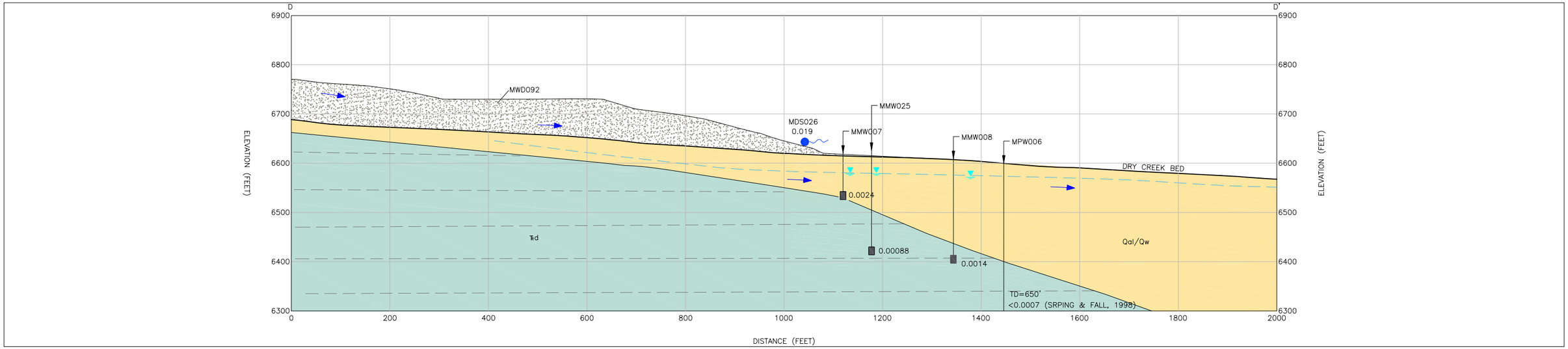
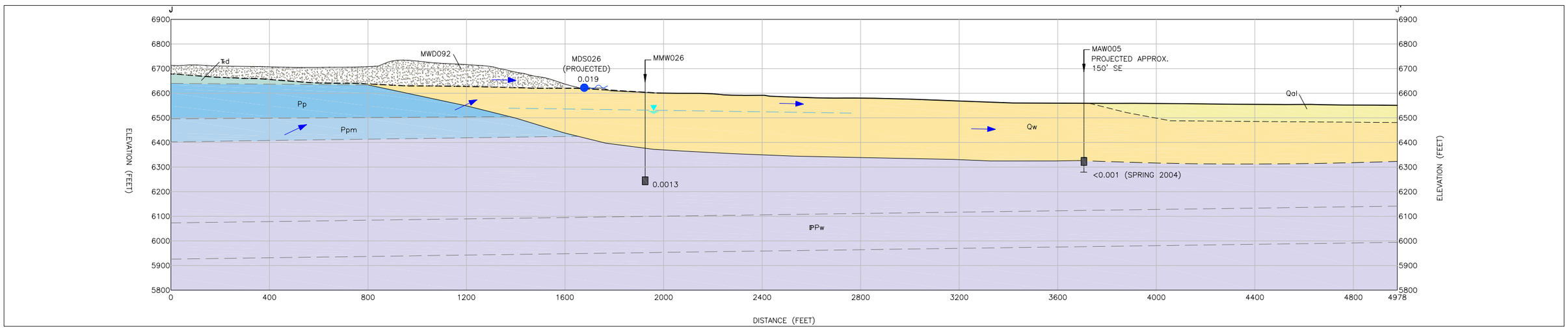


SECTION D - D'

VERTICAL SCALE 100 0 100 FEET — HORIZONTAL SCALE 100 0 100 FEET

VERTICAL EXAGGERATION = 1X



SECTION J - J'

VERTICAL SCALE 200 0 200 FEET — HORIZONTAL SCALE 200 0 200 FEET

VERTICAL EXAGGERATION = 1X

LEGEND:

- WASTE ROCK
- PRE–MINE SURFACE (WHERE DIFFERENT FROM CURRENT SURFACE)
- GEOLOGIC CONTACT (DASHED WHERE APPROXIMATE OR INFERRED)
- FAULT, SHOWING DIRECTION OF DISPLACEMENT (DASHED WHERE INFERRED)
- SCHEMATIC GROUNDWATER FLOW VECTOR
- 6236' — MEASURED GROUNDWATER ELEVATION
- PROJECTED POTENTIONMETRIC SURFACE
- DTW=11.9' — DEPTH TO WATER IN FEET (SURVEGED ELEVATION IS NOT AVAILABLE)
- 0.017 — MEASURED TOTAL SELENIUM CONCENTRATION IN mg/L (FALL 2008 SAMPLE, UNLESS OTHERWISE NOTED)
- MONITORING WELL LOCATION SHOWING APPROXIMATE SCREEN LOCATION
- SPRING OR DUMP SEEP

NOTE:

1. SEE DRAWING 14 FOR DESCRIPTION OF GEOLOGIC UNITS AND SECTION LOCATIONS.

ISSUE REV	DESCRIPTION	TECH	ENG	DATE
2	FINAL	CHF	CLF	06/19/09
1	REVISION ISSUED FOR AGENCY REVIEW	CHF	CLF	05/13/09
0	ISSUED DRAFT FOR AGENCY REVIEW	CHF	CLF	03/05/09

DISCLAIMER:
THIS DRAWING WAS DEVELOPED THROUGH THE APPLICATION OF PROFESSIONAL ENGINEERING SKILL AND PROPRIETARY METHODOLOGIES, PROCESSES, AND KNOW HOW OF MWH AS AUTHOR, ALL PURSUANT TO THE TERMS OF A CONTRACTUAL SCOPE OF WORK GOVERNING ITS PREPARATION. THIS DRAWING MAY NOT BE USED OR MODIFIED OTHER THAN IN STRICT ACCORDANCE WITH THE TERMS OF THE GOVERNING CONTRACT AND SCOPE OF WORK OR OTHERWISE ABSENT THE INVOLVEMENT AND CONSENT OF THE AUTHOR. ANY ALTERATION OR ADAPTATION OF THIS DRAWING SHALL BE CONSISTENT WITH THE AUTHOR'S CONTRACTUAL AND PROPRIETARY RIGHTS AND BE AT USER'S SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY OF MWH.

DESIGNED BY	C.FOULK	06/19/09
DRAWN BY	E.MARKS	06/19/09
CHECKED BY	C.FOULK	06/19/09
APPROVED BY	C.FOULK	06/19/09
PROJECT MANAGER	C.FOULK	06/19/09
CLIENT APPROVAL		
CLIENT REFERENCE NO.		

P4 PRODUCTION
SITE INVESTIGATION

PROJECT LOCATION: BALLARD, HENRY AND ENOCH VALLEY MINES

PROJECT: 2007 AND 2008 DATA SUMMARY REPORT

TITLE: ENOCH VALLEY MINE - GEOLOGIC SECTIONS D AND J

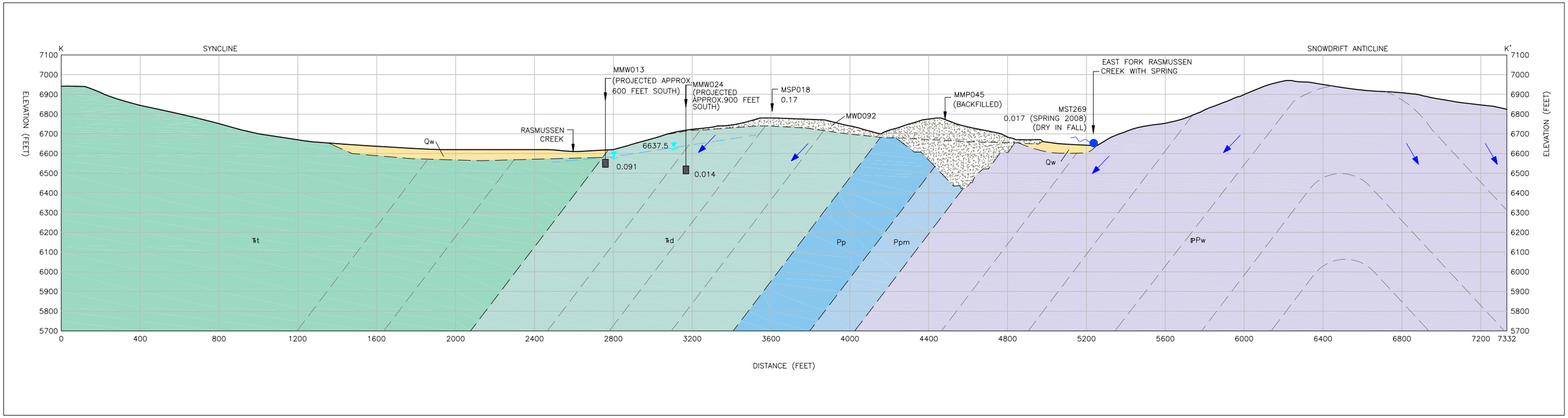
MWH

SHEET: 21 of 30

REVISION: 2

FILE NAME: 1005813D106

N:\Design-Drafting\Clients I-P\Monsanto-P4 Production\1005813 2008 DSR\013-Sheet Set\1005813D106



SECTION K - K'

VERTICAL SCALE 250 0 250 FEET
HORIZONTAL SCALE 250 0 250 FEET
VERTICAL EXAGGERATION = 1X

LEGEND:

- WASTE ROCK
- PRE–MINE SURFACE (WHERE DIFFERENT FROM CURRENT SURFACE)
- GEOLOGIC CONTACT (DASHED WHERE APPROXIMATE OR INFERRED)
- FAULT, SHOWING DIRECTION OF DISPLACEMENT (DASHED WHERE INFERRED)
- SCHEMATIC GROUNDWATER FLOW VECTOR
- 6236' — MEASURED GROUNDWATER ELEVATION
- PROJECTED POTENTIONMETRIC SURFACE
- DTW=11.9' — DEPTH TO WATER IN FEET (SURVEGED ELEVATION IS NOT AVAILABLE)
- 0.017 — MEASURED TOTAL SELENIUM CONCENTRATION IN mg/L (FALL 2008 SAMPLE, UNLESS OTHERWISE NOTED)
- MONITORING WELL LOCATION SHOWING APPROXIMATE SCREEN LOCATION
- SPRING OR DUMP SEEP

NOTE:

1. SEE DRAWING 14 FOR DESCRIPTION OF GEOLOGIC UNITS AND SECTION LOCATIONS.

REV	DESCRIPTION	TECH	ENG	DATE
2	FINAL	CHF	CLF	06/19/09
1	REVISION ISSUED FOR AGENCY REVIEW	CHF	CLF	05/13/09
0	ISSUED DRAFT FOR AGENCY REVIEW	CHF	CLF	03/05/09

DISCLAIMER:
THIS DRAWING WAS DEVELOPED THROUGH THE APPLICATION OF PROFESSIONAL ENGINEERING SKILL AND PROPRIETARY METHODOLOGIES, PROCESSES, AND KNOW HOW OF MWH AS AUTHOR, ALL PURSUANT TO THE TERMS OF A CONTRACTUAL SCOPE OF WORK GOVERNING ITS PREPARATION. THIS DRAWING MAY NOT BE USED OR MODIFIED OTHER THAN IN STRICT ACCORDANCE WITH THE TERMS OF THE GOVERNING CONTRACT AND SCOPE OF WORK OR OTHERWISE ABSENT THE INVOLVEMENT AND CONSENT OF THE AUTHOR. ANY ALTERATION OR ADAPTATION OF THIS DRAWING SHALL BE CONSISTENT WITH THE AUTHOR'S CONTRACTUAL AND PROPRIETARY RIGHTS AND BE AT USER'S SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY OF MWH.

DESIGNED BY	C.FOULK	06/19/09
DRAWN BY	E.MARKS	06/19/09
CHECKED BY	C.FOULK	06/19/09
APPROVED BY	C.FOULK	06/19/09
PROJECT MANAGER	C.FOULK	06/19/09
CLIENT APPROVAL		
CLIENT REFERENCE NO.		

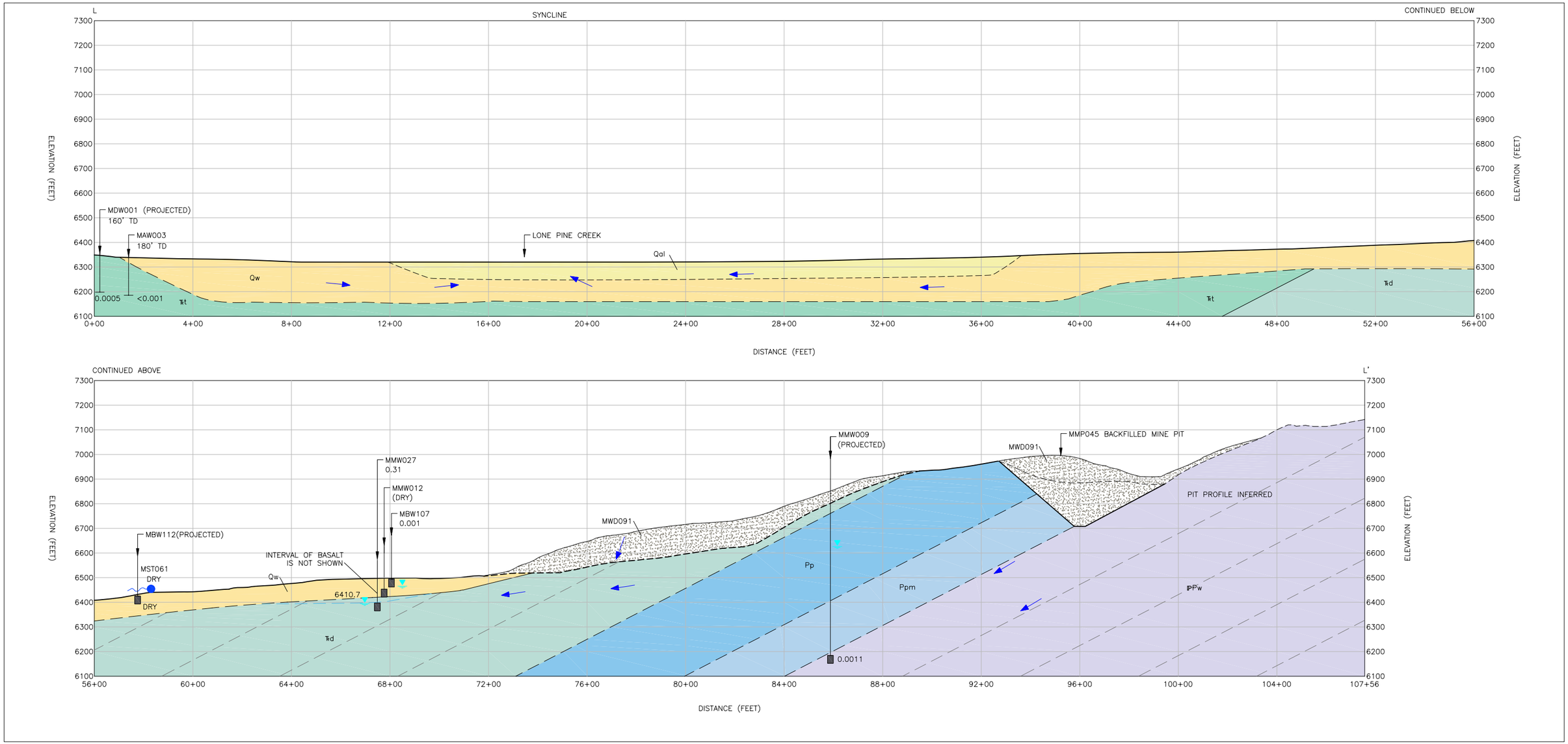
P4 PRODUCTION
SITE INVESTIGATION

PROJECT LOCATION: BALLARD, HENRY AND ENOCH VALLEY MINES
PROJECT: 2007 AND 2008 DATA SUMMARY REPORT
TITLE: ENOCH VALLEY MINE - GEOLOGIC SECTION K

MWH

SHEET: 22 of 30
REVISION: 2
FILE NAME: 1005813D107

N:\Design-Drafting\Clients I-P\Monsanto-P4 Production\1005813 2008 DSR\013-Sheet Set\1005813D107



LEGEND:

- WASTE ROCK
- PRE–MINE SURFACE (WHERE DIFFERENT FROM CURRENT SURFACE)
- GEOLOGIC CONTACT (DASHED WHERE APPROXIMATE OR INFERRED)
- FAULT, SHOWING DIRECTION OF DISPLACEMENT (DASHED WHERE INFERRED)
- SCHEMATIC GROUNDWATER FLOW VECTOR
- 6236' MEASURED GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- PROJECTED POTENTIONMETRIC SURFACE
- 0.017 MEASURED TOTAL SELENIUM CONCENTRATION IN mg/L (FALL 2008 SAMPLE, UNLESS OTHERWISE NOTED)
- MONITORING WELL LOCATION SHOWING APPROXIMATE SCREEN LOCATION
- SPRING OR DUMP SEEP

SECTION L - L'

VERTICAL SCALE: 200 0 200 FEET
HORIZONTAL SCALE: 200 0 200 FEET
VERTICAL EXAGGERATION = 1X

NOTE:

1. SEE DRAWING 14 FOR DESCRIPTION OF GEOLOGIC UNITS AND SECTION LOCATIONS.
2. WATER IN MBW107 APPEARS TO HAVE BEEN IN A PERCHED ZONE.

REV	DESCRIPTION	TECH	ENG	DATE
2	FINAL	CHF	CLF	06/19/09
1	REVISION ISSUED FOR AGENCY REVIEW	CHF	CLF	05/13/09
0	ISSUED DRAFT FOR AGENCY REVIEW	CHF	CLF	03/05/09

DISCLAIMER:
THIS DRAWING WAS DEVELOPED THROUGH THE APPLICATION OF PROFESSIONAL ENGINEERING SKILL AND PROPRIETARY METHODOLOGIES, PROCESSES, AND KNOW HOW OF MWH AS AUTHOR, ALL PURSUANT TO THE TERMS OF A CONTRACTUAL SCOPE OF WORK GOVERNING ITS PREPARATION. THIS DRAWING MAY NOT BE USED OR MODIFIED OTHER THAN IN STRICT ACCORDANCE WITH THE TERMS OF THE GOVERNING CONTRACT AND SCOPE OF WORK OR OTHERWISE ABSENT THE INVOLVEMENT AND CONSENT OF THE AUTHOR. ANY ALTERATION OR ADAPTATION OF THIS DRAWING SHALL BE CONSISTENT WITH THE AUTHOR'S CONTRACTUAL AND PROPRIETARY RIGHTS AND BE AT USER'S SOLE RISK AND WITHOUT ANY LIABILITY OR LEGAL RESPONSIBILITY OF MWH.

DESIGNED BY	C.FOULK	06/19/09
DRAWN BY	E.MARKS	06/19/09
CHECKED BY	C.FOULK	06/19/09
APPROVED BY	C.FOULK	06/19/09
PROJECT MANAGER	C.FOULK	06/19/09
CLIENT APPROVAL		
CLIENT REFERENCE NO.		

P4 PRODUCTION
SITE INVESTIGATION

PROJECT LOCATION: BALLARD, HENRY AND ENOCH VALLEY MINES
PROJECT: 2007 AND 2008 DATA SUMMARY REPORT
TITLE: ENOCH VALLEY MINE - GEOLOGIC SECTION L

MWH

SHEET: 23 of 30
REVISION: 2
FILE NAME: 1005813D108

N:\Design-Drafting\Clients I-P\Monsanto-P4 Production\1005813 2008 DSR\013-Sheet Set\1005813D108