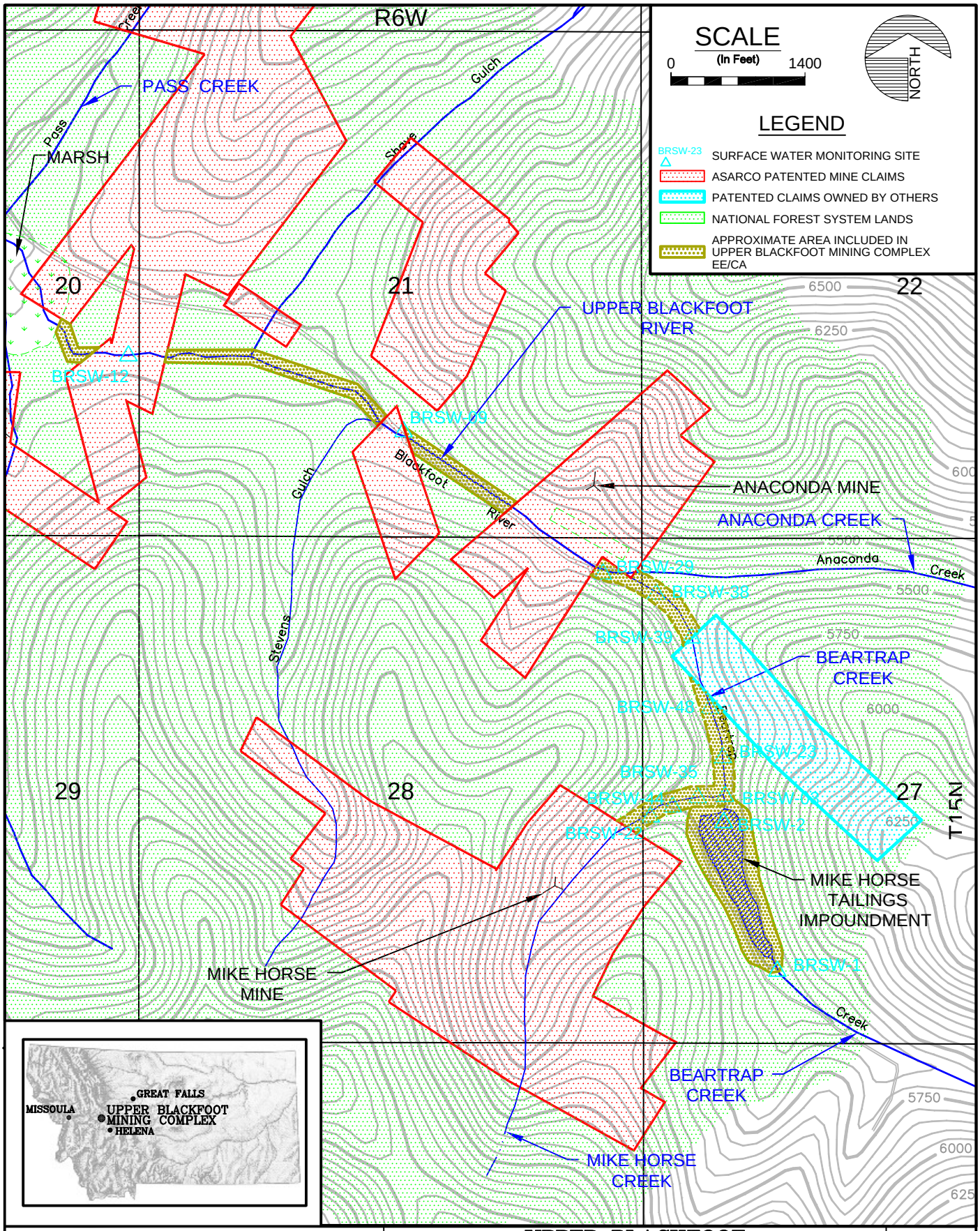

ENGINEERING EVALUATION/COST ANALYSIS FOR THE UPPER BLACKFOOT MINING COMPLEX LEWIS & CLARK COUNTY, MONTANA

UPPER BLACKFOOT MINING COMPLEX AND SURROUNDING AREA

FIGURE 1-1

UPDATE TIME: 2:14PM
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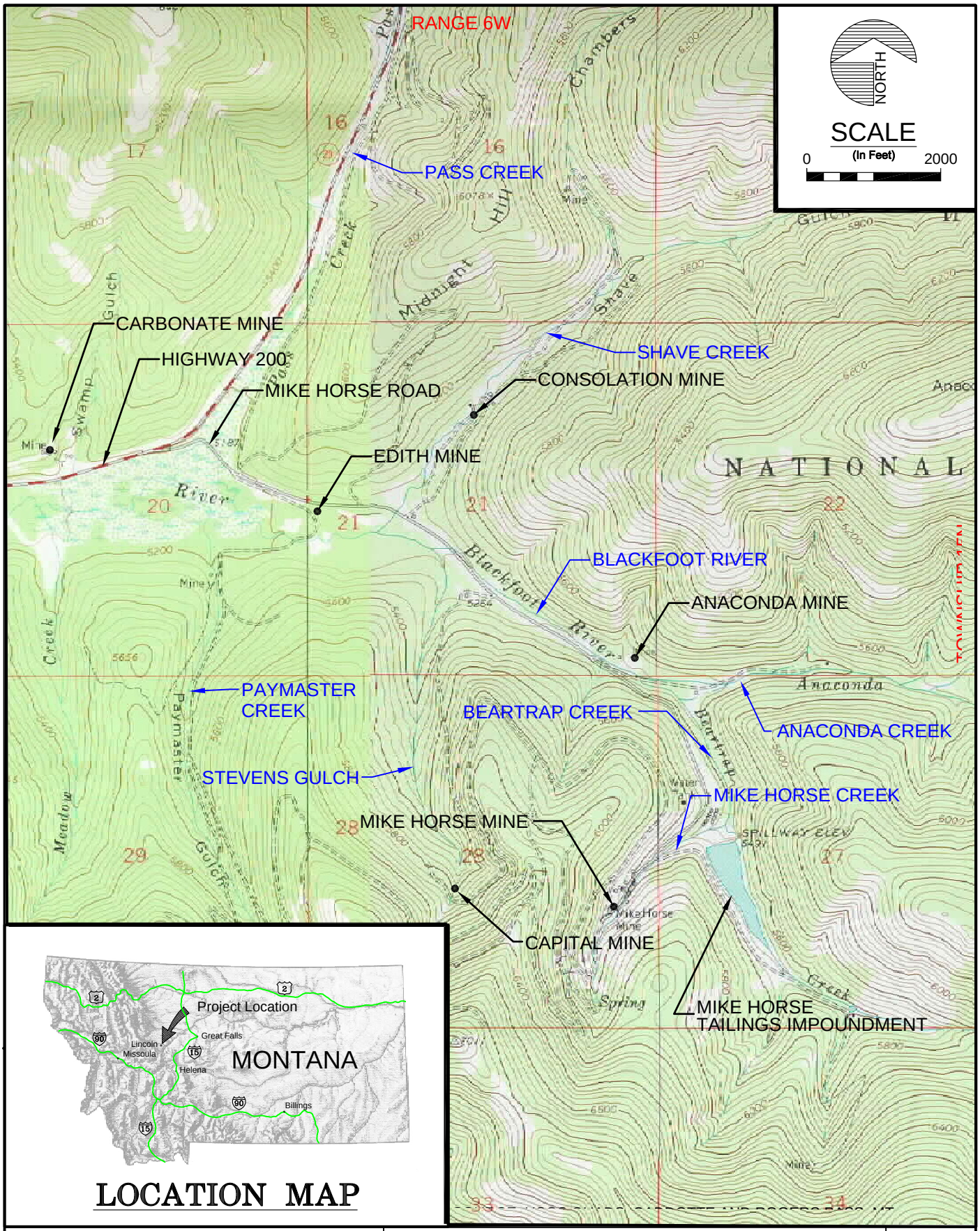

LOCATION MAP

ENGINEERING EVALUATION/COST ANALYSIS FOR THE UPPER BLACKFOOT MINING COMPLEX LEWIS & CLARK COUNTY, MONTANA

UPPER BLACKFOOT MINING COMPLEX PROJECT LOCATION AND VICINITY MAP

FIGURE 2-1

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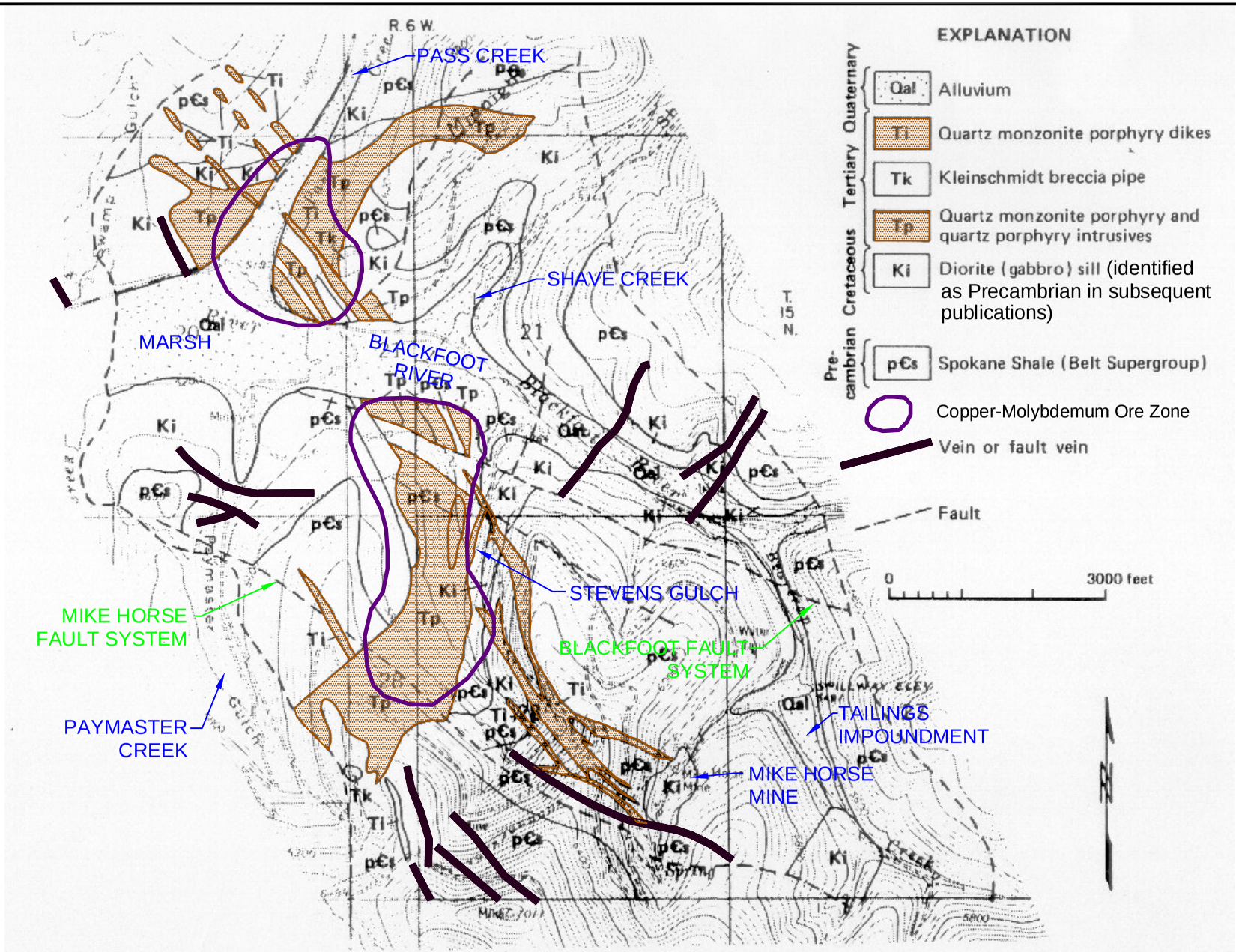

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ENGINEERING EVALUATION/COST ANALYSIS FOR THE UPPER BLACKFOOT MINING COMPLEX LEWIS & CLARK COUNTY, MONTANA

GENERAL GEOLOGY OF THE UPPER BLACKFOOT MINING COMPLEX AREA

FIGURE

2-2

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MIKE HORSE DAM DURING CONSTRUCTION (CIRCA LATE 1940'S)

MIKE HORSE DAM AFTER 1975 RECONSTRUCTION

ENGINEERING EVALUATION/COST ANALYSIS FOR THE UPPER BLACKFOOT MINING COMPLEX LEWIS & CLARK COUNTY, MONTANA	**MIKE HORSE TAILINGS IMPOUNDMENT**	**FIGURE** **2-3**

UPDATE TIME: 1:32PM
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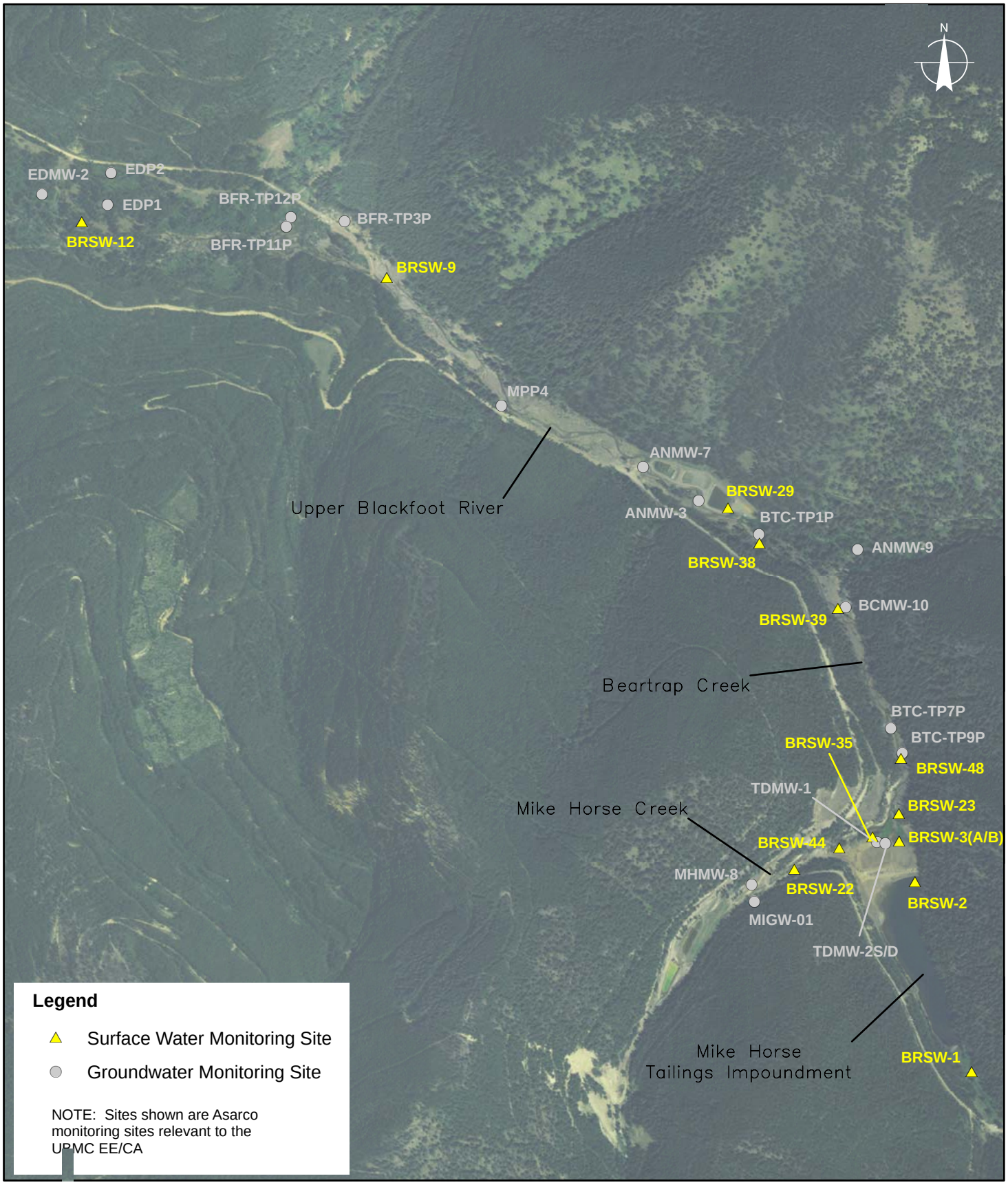
2005 Color Aerial Photo from Montana NRIS (http://nris.mt.gov/nsdi/orthophotos/naip_2005.asp)



K:\PROJECT\1290\2006 EECA\REPORT\FIG3-1.MXD

Figure 3-1
UBMC Surface Water and Groundwater Monitoring Sites

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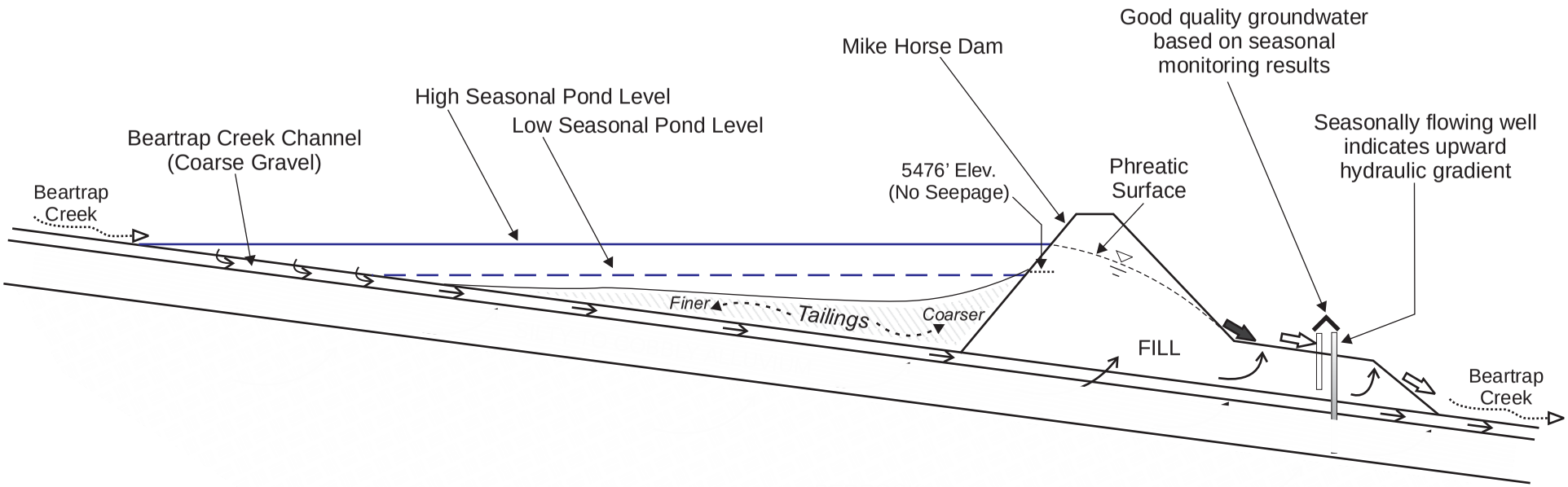


Not To Scale

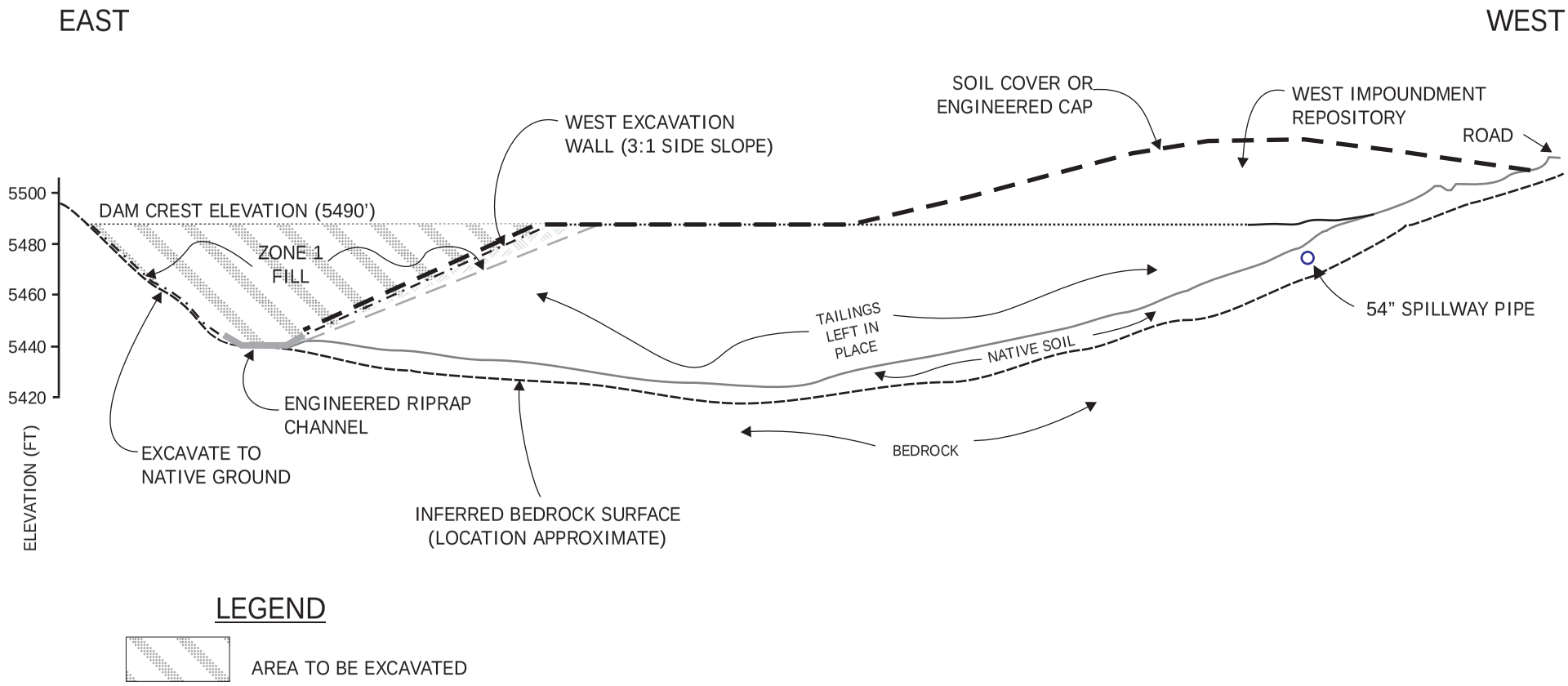
Spring Season Groundwater Flow Direction

Good Quality Seepage

Poor Quality Seepage

Figure 3-2.
Conceptual Model of Mike Horse Tailings Impoundment Hydrology

K:\PROJECT\1290\2006 EECA\FIG3-2.CDR



LEGEND

AREA TO BE EXCAVATED

APPROXIMATE SCALE: 1"=65'

ENGINEERING EVALUATION/COST
ANALYSIS FOR THE UPPER
BLACKFOOT MINING COMPLEX
LEWIS & CLARK COUNTY, MONTANA

MIKE HORSE DAM
CROSS SECTION SHOWING
OPTION 3 DETAILS

FIGURE
6-1

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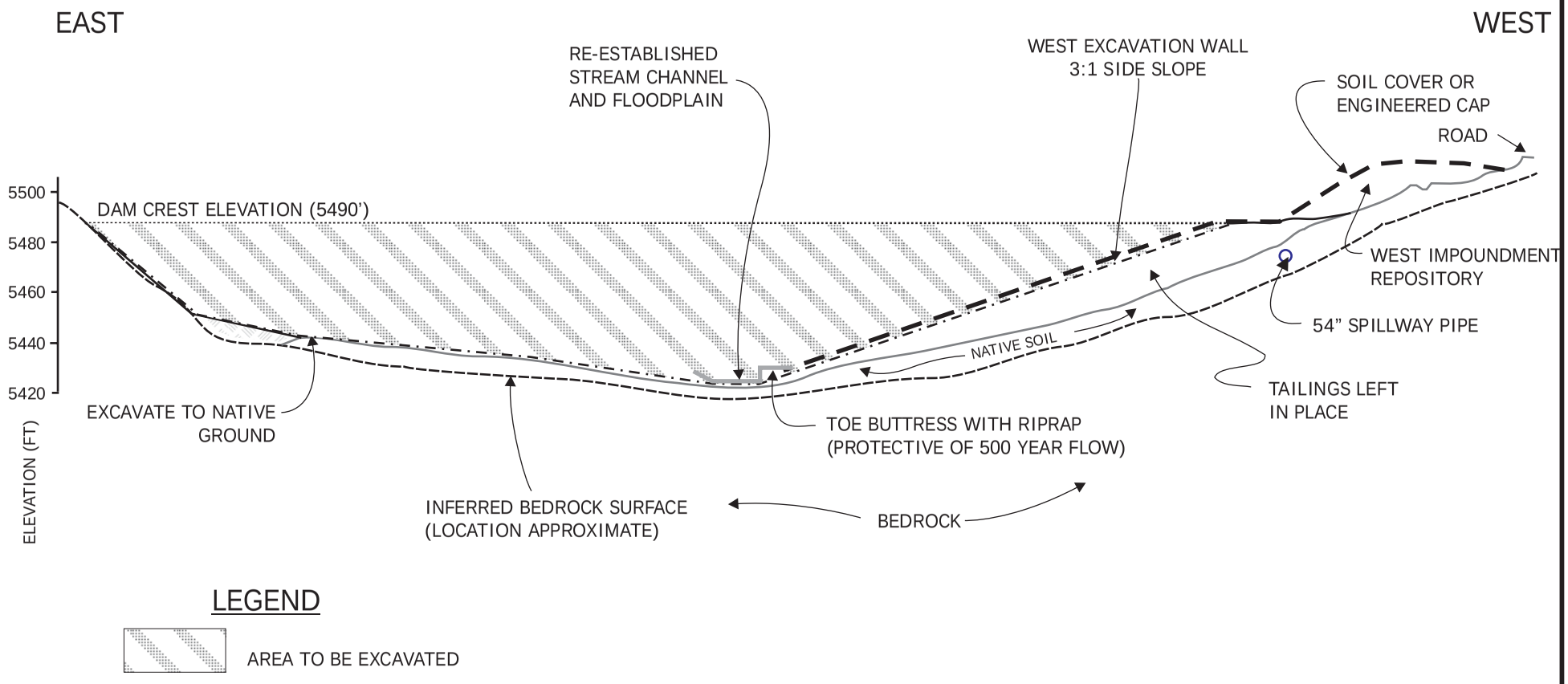

LEGEND

AREA TO BE EXCAVATED

APPROXIMATE SCALE: 1"=65'

ENGINEERING EVALUATION/COST ANALYSIS FOR THE UPPER BLACKFOOT MINING COMPLEX LEWIS & CLARK COUNTY, MONTANA	**MIKE HORSE DAM CROSS SECTION SHOWING OPTION 4 DETAILS**	**FIGURE** **6-2**

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