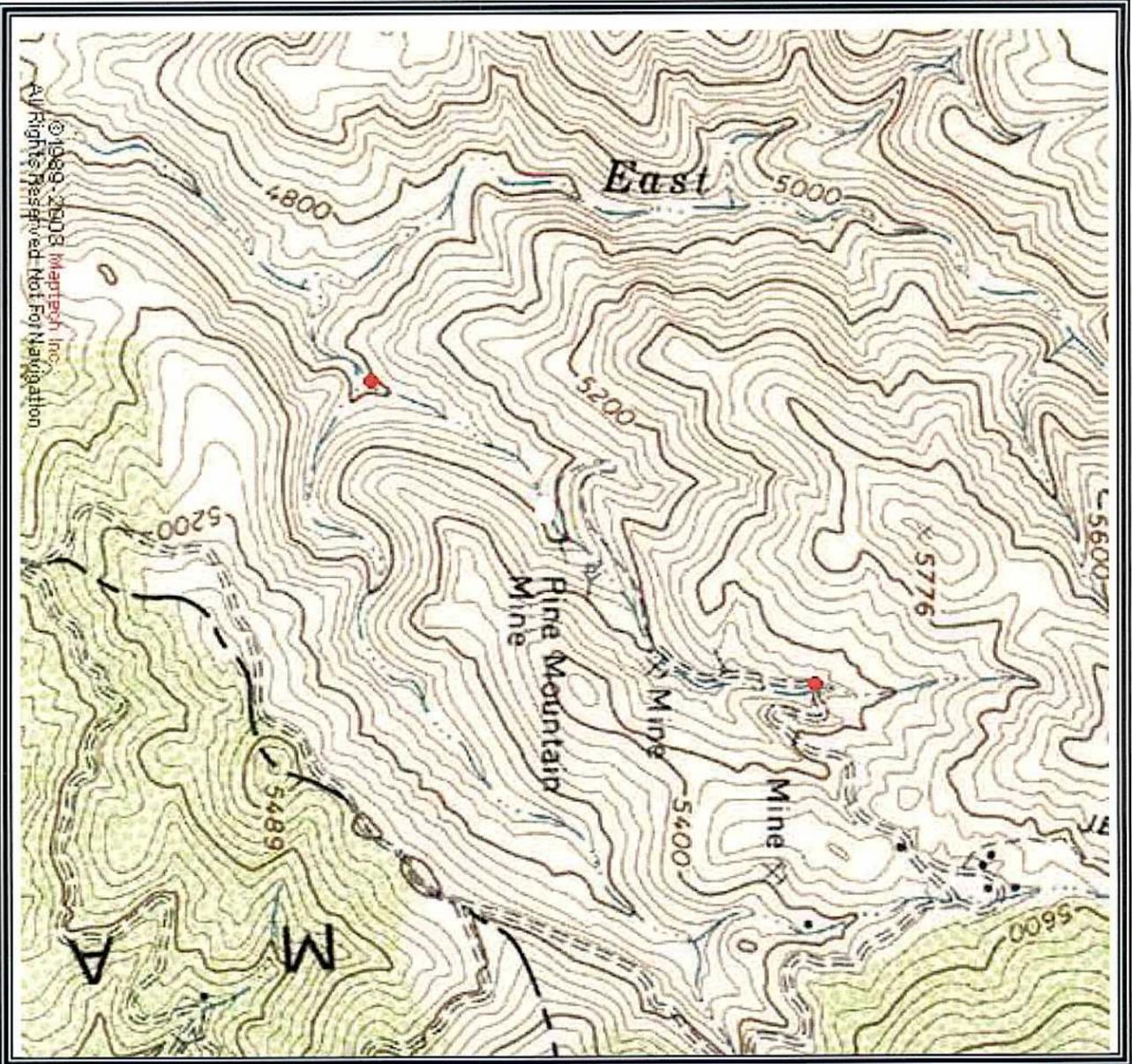


FIGURES



Source: Delorme 3-D TopoQuads, Arizona Region 6, Copyright 1999.

● Location of Surface Water Sampling Station

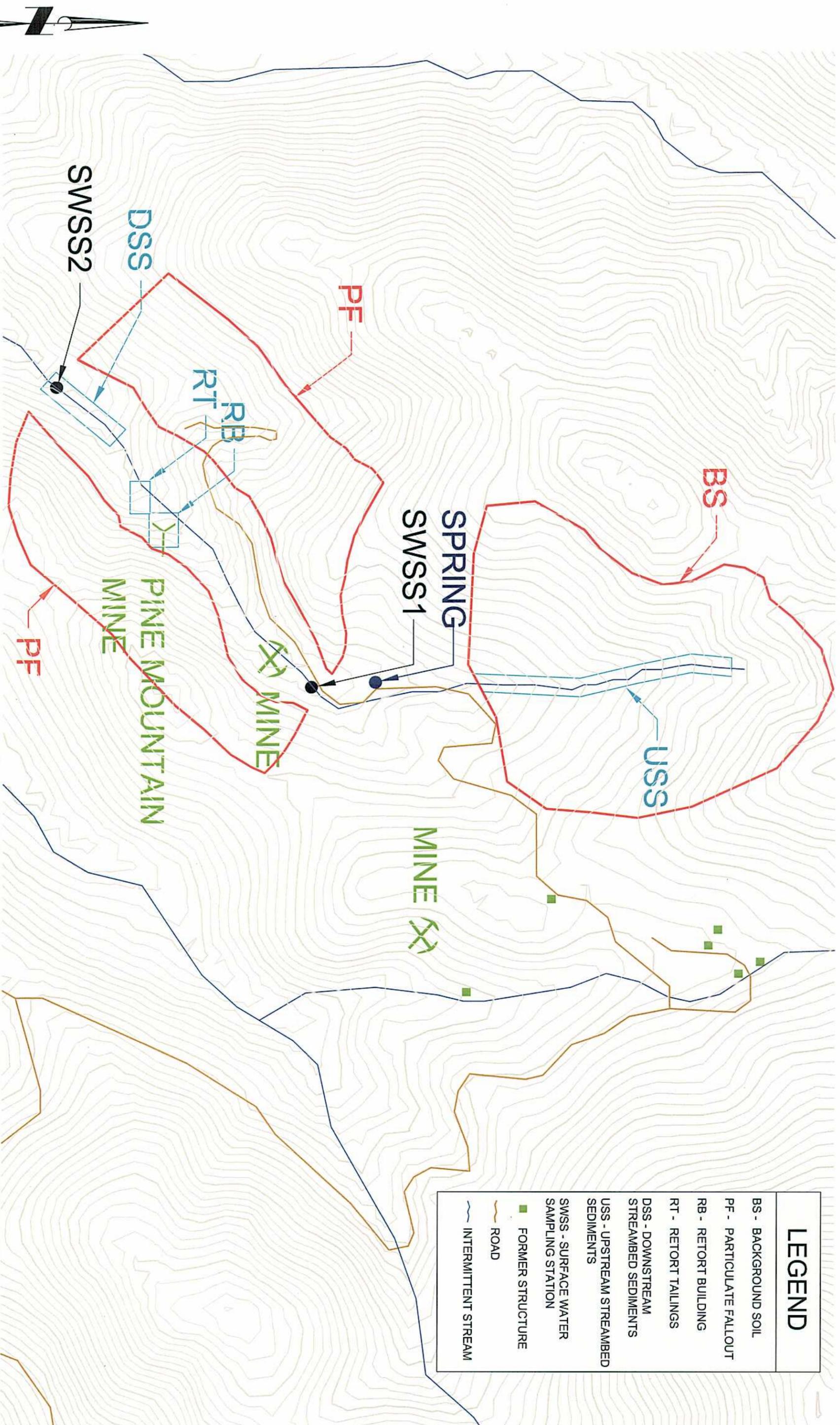
N
NTS

SITE LOCATION MAP

FIGURE 1

PROJECT NAME: Pine Mountain Mine
 PROJECT LOCATION: Maricopa County
 PROJECT NO.: 4972-03-2006
 CHECKED BY: MM DATE: 11/29/07
 REVIEWED BY: MM DATE: 11/29/07



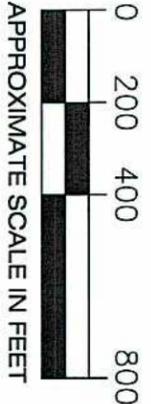


| LEGEND | |
|---------------------------------------|---|
| BS - BACKGROUND SOIL | |
| PF - PARTICULATE FALLOUT | |
| RB - RETORT BUILDING | |
| RT - RETORT TAILINGS | |
| DSS - DOWNSTREAM STREAMBED SEDIMENTS | |
| USS - UPSTREAM STREAMBED SEDIMENTS | |
| SWSS - SURFACE WATER SAMPLING STATION | |
| FORMER STRUCTURE | ■ |
| ROAD | — |
| INTERMITTENT STREAM | ~ |

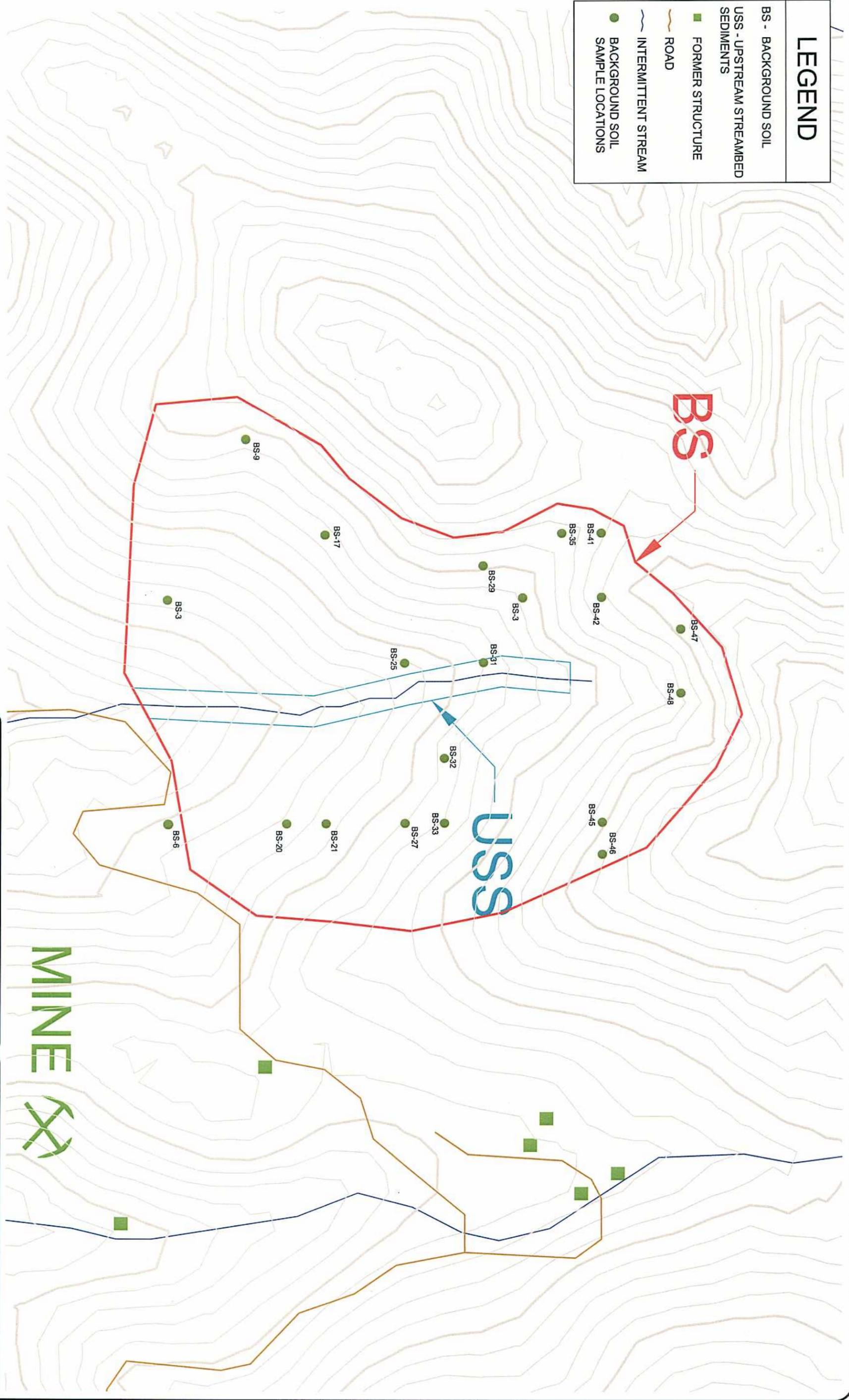
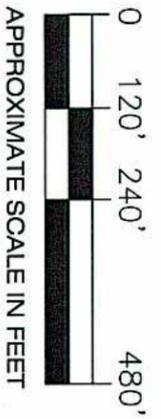
SITE AND VICINITY MAP

MACTEC PROJECT NAME: PINE MOUNTAIN MINE
 PROJECT LOCATION: PINE MOUNTAIN, ARIZONA
 DATE: 01/30/2007 E-FILE: (SEE FILE PATH - LEFT SIDE OF DRAWING)
 DRAWN BY: GJE PROJECT #: 4972-03-2008

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 PHONE: (602) 437-0250 FAX: (602) 437-3675



| LEGEND | |
|------------------------------------|---|
| BS - BACKGROUND SOIL | |
| USS - UPSTREAM STREAMBED SEDIMENTS | |
| FORMER STRUCTURE | ■ |
| ROAD | — |
| INTERMITTENT STREAM | ~ |
| BACKGROUND SOIL SAMPLE LOCATIONS | ● |



AREA BS SAMPLES

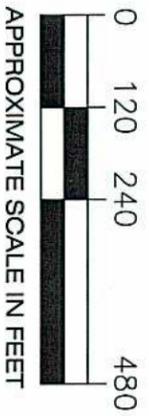
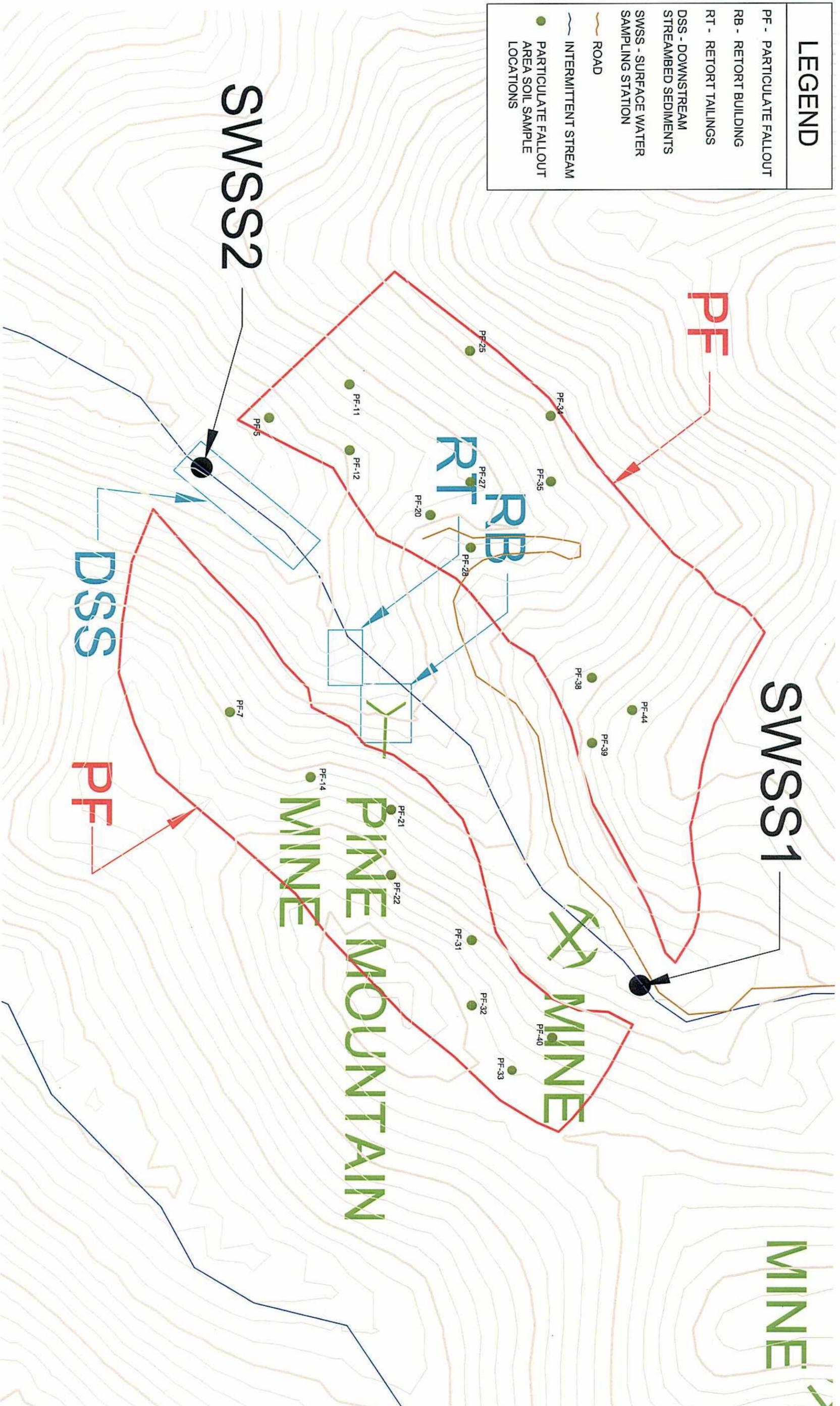
MACTEC PROJECT NAME: PINE MOUNTAIN MINE
 PROJECT LOCATION: PINE MOUNTAIN, ARIZONA
 DATE: 01/26/07 E-FILE: (SEE FILE PATH - LEFT SIDE OF DRAWING)
 DRAWN BY: CJE PROJECT #: 4972-03-2006

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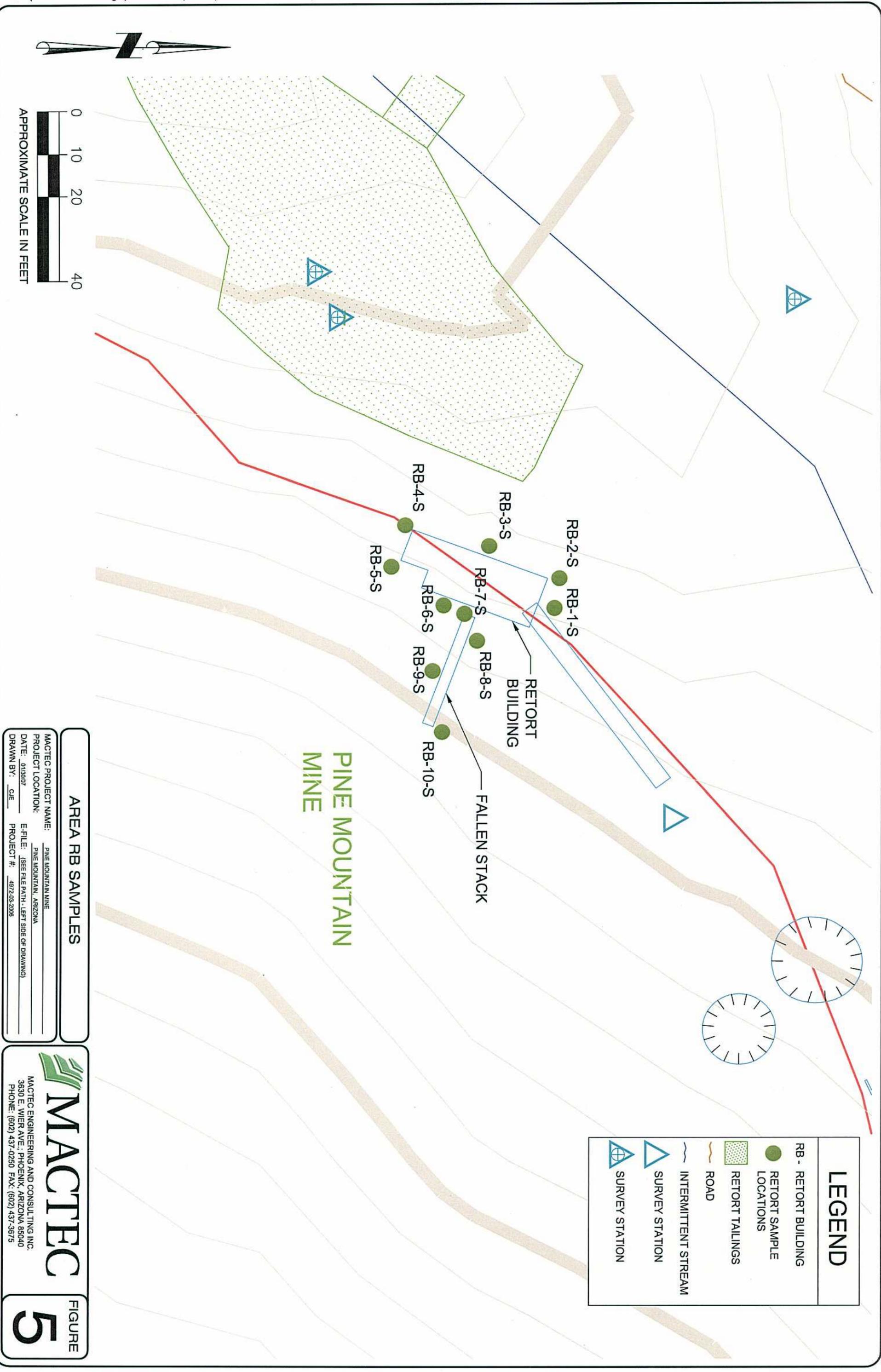
FIGURE **3**

| LEGEND | |
|--|--|
| PF - PARTICULATE FALLOUT | |
| RB - RETORT BUILDING | |
| RT - RETORT TAILINGS | |
| DSS - DOWNSTREAM STREAMBED SEDIMENTS | |
| SWSS - SURFACE WATER SAMPLING STATION | |
| ROAD | |
| INTERMITTENT STREAM | |
| PARTICULATE FALLOUT AREA SOIL SAMPLE LOCATIONS | |



| AREA PF SAMPLES | |
|----------------------|--|
| MACTEC PROJECT NAME: | PINE MOUNTAIN MINE |
| PROJECT LOCATION: | PINE MOUNTAIN, ARIZONA |
| DATE: | 01/20/07 |
| E-FILE: | (SEE FILE PATH - LEFT SIDE OF DRAWING) |
| DRAWN BY: | CJE |
| PROJECT #: | 4972-03-2006 |

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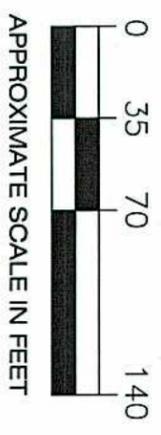
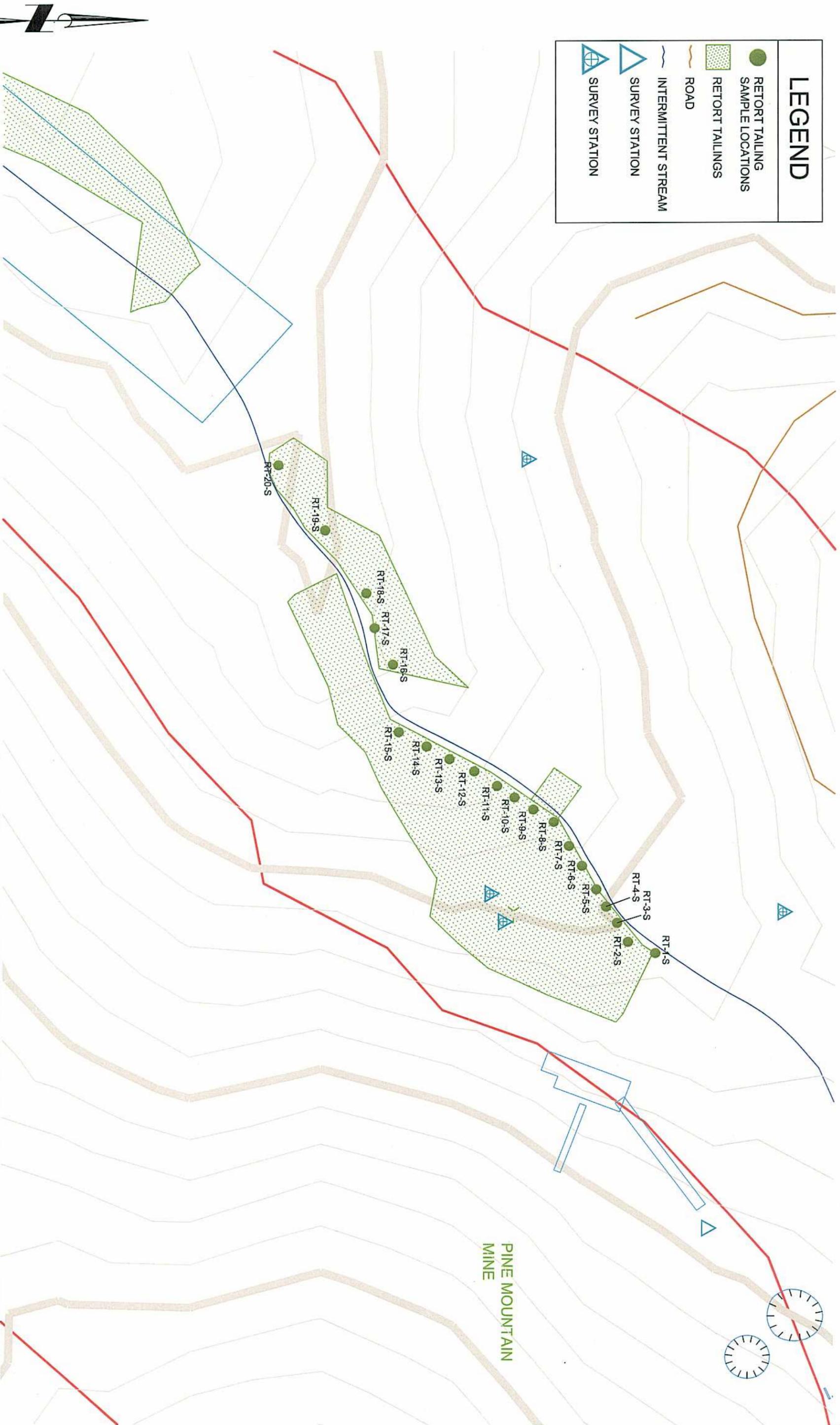
| LEGEND | |
|--------|-------------------------|
| | RB - RETORT BUILDING |
| | RETORT SAMPLE LOCATIONS |
| | RETORT TAILINGS |
| | ROAD |
| | INTERMITTENT STREAM |
| | SURVEY STATION |
| | SURVEY STATION |

AREA RB SAMPLES

MACTEC PROJECT NAME: PINE MOUNTAIN MINE
 PROJECT LOCATION: PINE MOUNTAIN, ARIZONA
 DATE: 01/30/07
 E-FILE: (SEE FILE PATH - LEFT SIDE OF DRAWING)
 DRAWN BY: CJE PROJECT #: 4972-03-2008

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| LEGEND | |
|---|---------------------------------|
|  | RETORT TAILING SAMPLE LOCATIONS |
|  | RETORT TAILINGS |
|  | ROAD |
|  | INTERMITTENT STREAM |
|  | SURVEY STATION |
|  | SURVEY STATION |

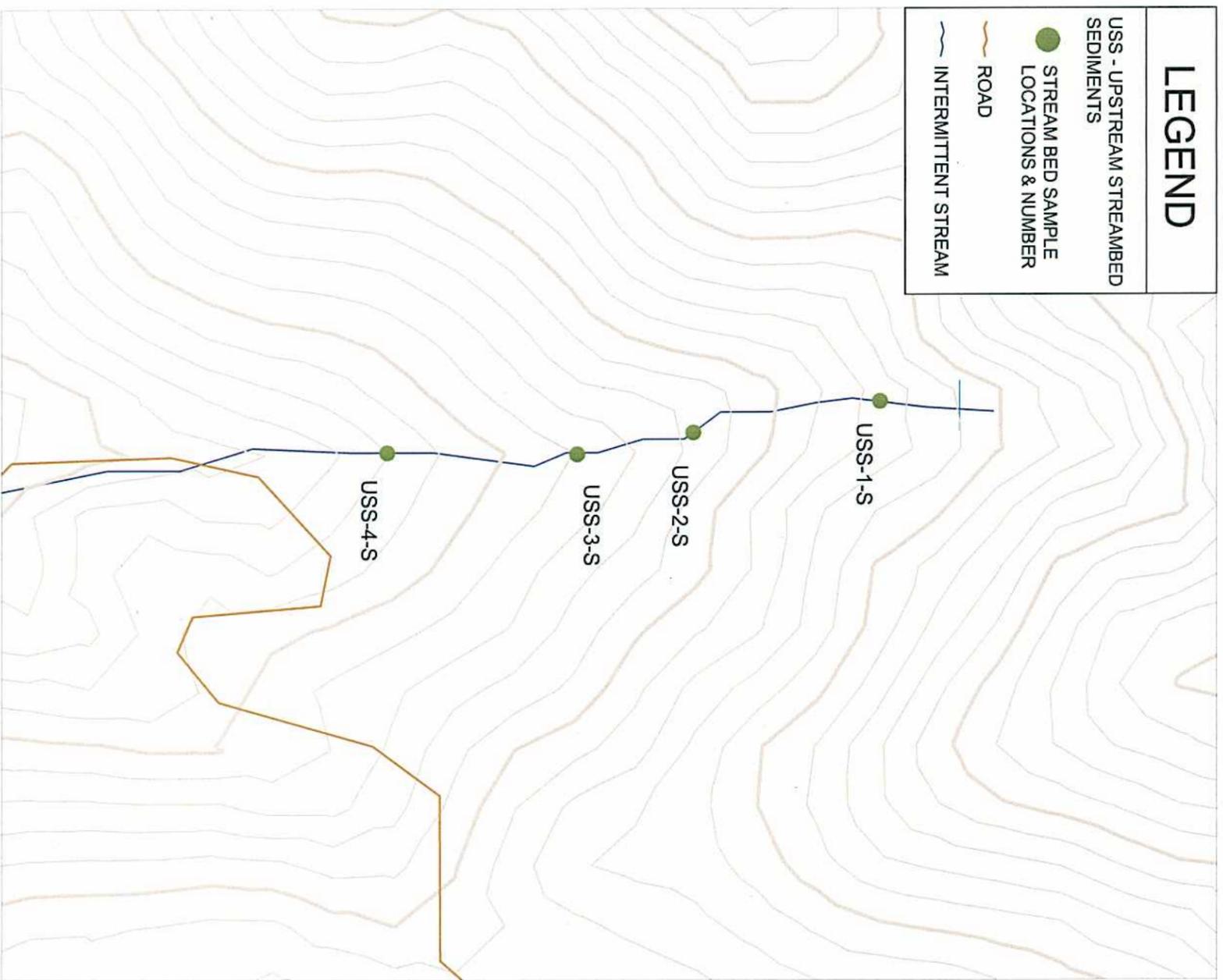


AREA RT SAMPLES

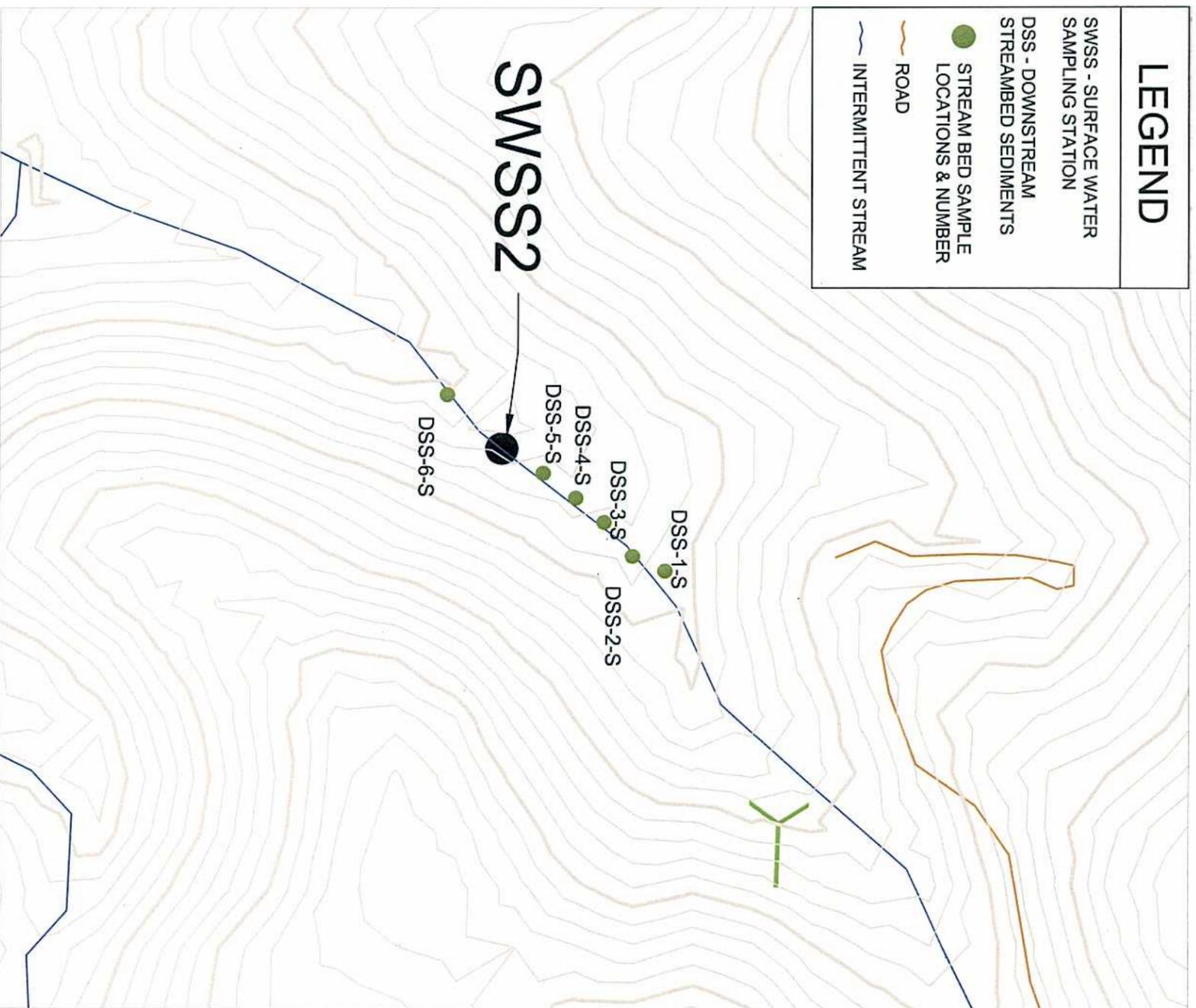
MACTEC PROJECT NAME: PINE MOUNTAIN MINE
 PROJECT LOCATION: PINE MOUNTAIN, ARIZONA
 DATE: 01/30/07 E-FILE: (SEE FILE PATH - LEFT SIDE OF DRAWING)
 DRAWN BY: CJE PROJECT #: 4972-03-2008



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USS STREAM BED SAMPLE LOCATIONS



DSS STREAM BED SAMPLE LOCATIONS

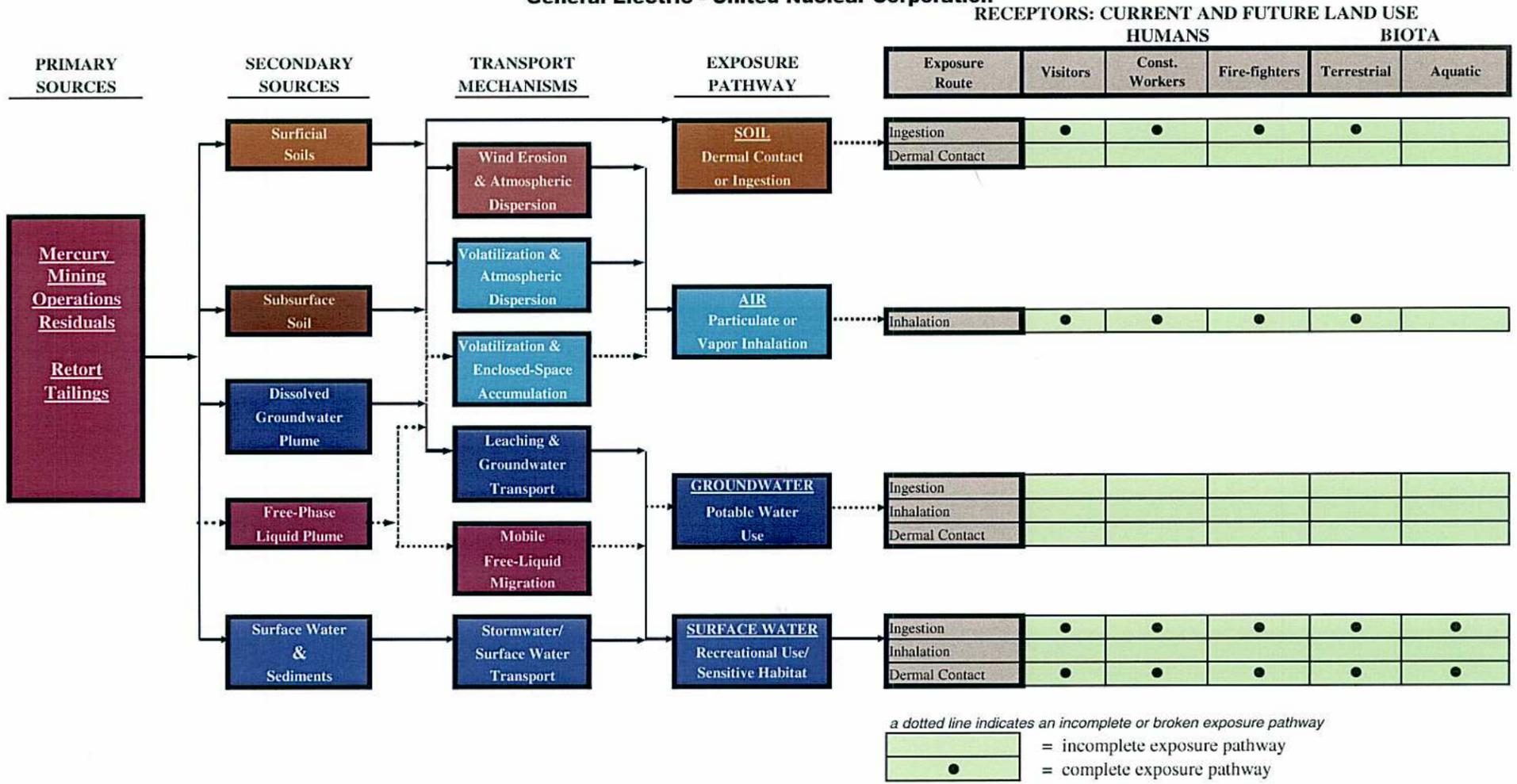
STREAM SEDIMENT SAMPLES

MACTEC PROJECT NAME: PINE MOUNTAIN MINE
 PROJECT LOCATION: PINE MOUNTAIN, ARIZONA
 DATE: 01/30/2007 E-FILE: (SEE FILE PATH - LEFT SIDE OF DRAWING)
 DRAWN BY: CJE PROJECT #: 4972-03-2006



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**Figure 8. Retort Building and Tailings
Mercury Conceptual Site Preliminary Conceptual Model
Pine Mountain Mine
General Electric - United Nuclear Corporation**



MACTEC PROJECT NAME: RETORT BUILDING VAPOR SAMPLE LOCATIONS
MACTEC PROJECT NO: 4972-03-2006.04
DATE: 01/29/07
DRAWN BY: *LS E*

SITE PLAN AND SAMPLE LOCATIONS
FIGURE 9

E-FILE: 32006.04
CHECKED BY: *pm*

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