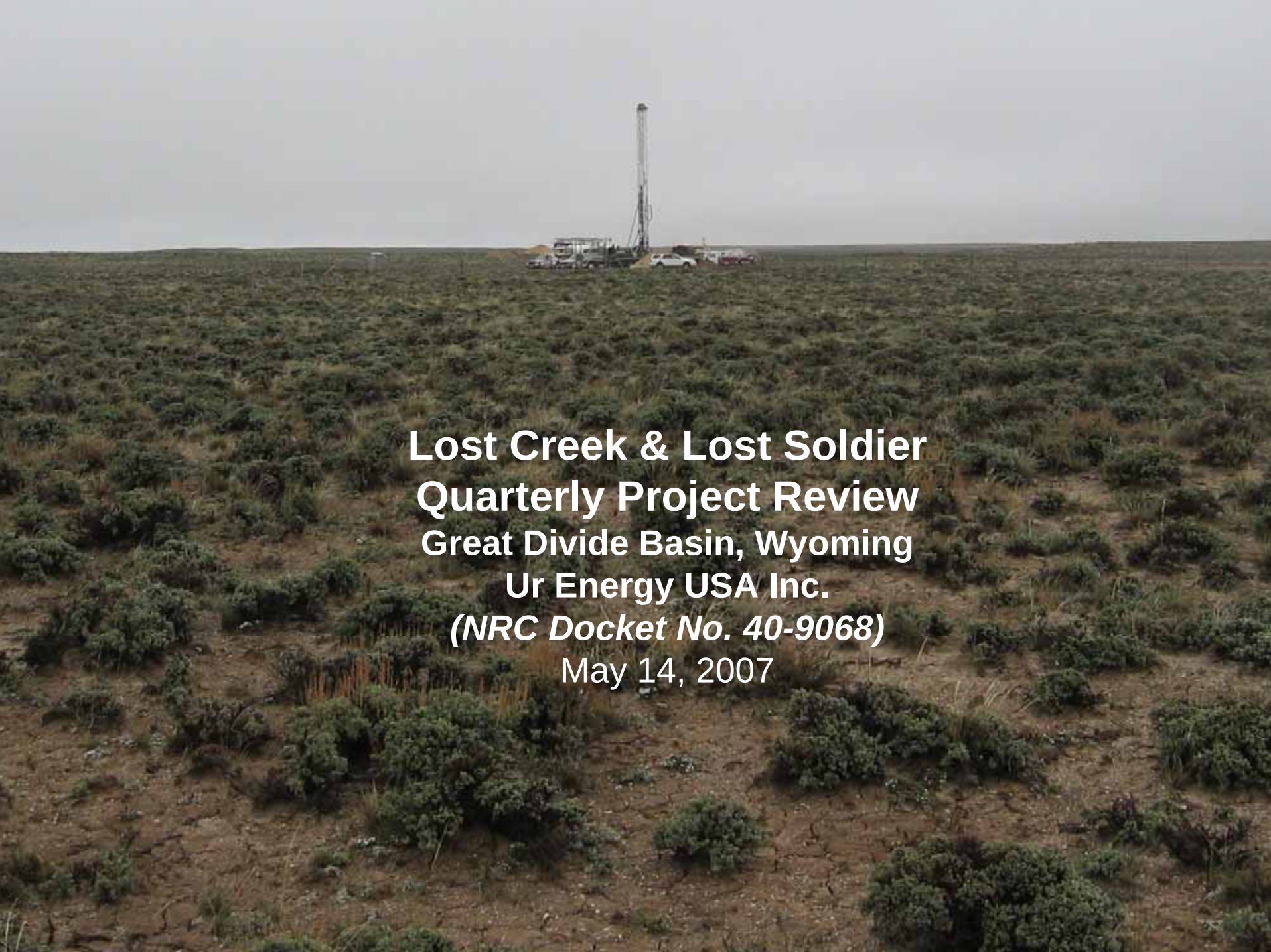


Lost Creek & Lost Soldier Quarterly Project Review

Great Divide Basin, Wyoming

Ur Energy USA Inc.

(NRC Docket No. 40-9068)

May 14, 2007

Project Location
WYOMING
Red Lodge
Powell
Lovell
Sheridan
Cody
Greybull
Buffalo
Gillette
Moorcroft
Spearfish
Sundance
Lead
Belle F
Yellowstone Lake
Jackson Lake
Teton Ra
Anthony
Grand Teton
13770+
Cloud Pk
13167
Bighorn Mts
Bighorn
Worland
Powder
Wright
Newcastle
Custer
Hot Spring
Edge
Thermopolis
Owl Creek Mts
Jackson
Wind River Ra
Boysen Res
Shoshoni
Alpine
Gannett Pk
13804
Riverton
Pinedale
Lander
Casper
North
Douglas
Lusk
Craw
Afton
Wyoming Ra
Big Piney
Granite Mts
Sweetwater
Glendo Res
Platte
Fort Laramie
Torrington
Wheatland
Medicine Bow
Rawlins
Farson
Great Divide Basin
Seminoe Reservoir
Kemmerer
Rock Springs
Green River
Woodruff
Saratoga
Laramie
Cheyenne
Medicine Bow Mts
Flaming Gorge Reservoir
Bridger Pk
11004
Kings Peak
13528
90
25
80

Baseline Studies (I)

- 2006 baseline studies complete
- 2007 baseline studies:
  - ✓ Continued baseline program
    - ➢ Met Station – Lost Soldier: full year of continuous data collected
    - ➢ Surface water - 4 sets of quarterly sampling complete (11 auto-sampled)
    - ➢ Passive Natural Gamma & Radon^{222} Sampling - 2 sets collected
    - ➢ Additional Mini-vol AQ samples collected
    - ➢ Socioeconomics - additional site visit in March
    - ➢ Groundwater – 4 rounds of WQ sampling complete at Lost Creek & Lost Soldier

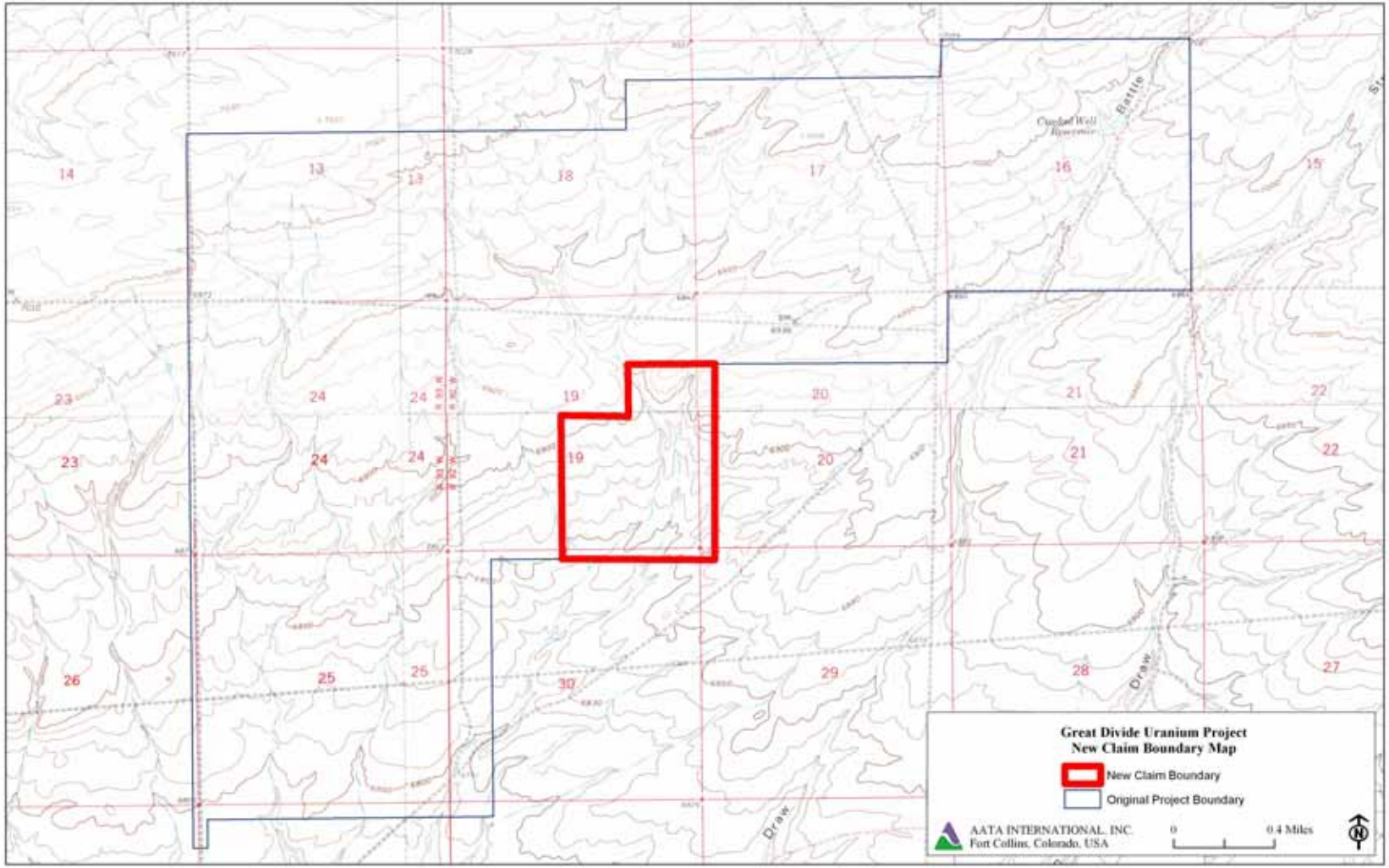
Baseline Studies (II)

- 2007 baseline studies (*continued*):
  - ✓ Baseline survey on new claim areas
    - ➢ Wildlife survey (includes sage grouse) - complete
    - ➢ Radiological survey – Gamma Scanning complete
    - ➢ Vegetation survey – in progress
    - ➢ Archaeological survey – in progress
    - ➢ Surface water – Automatic samplers installed
    - ➢ Soil survey – planning

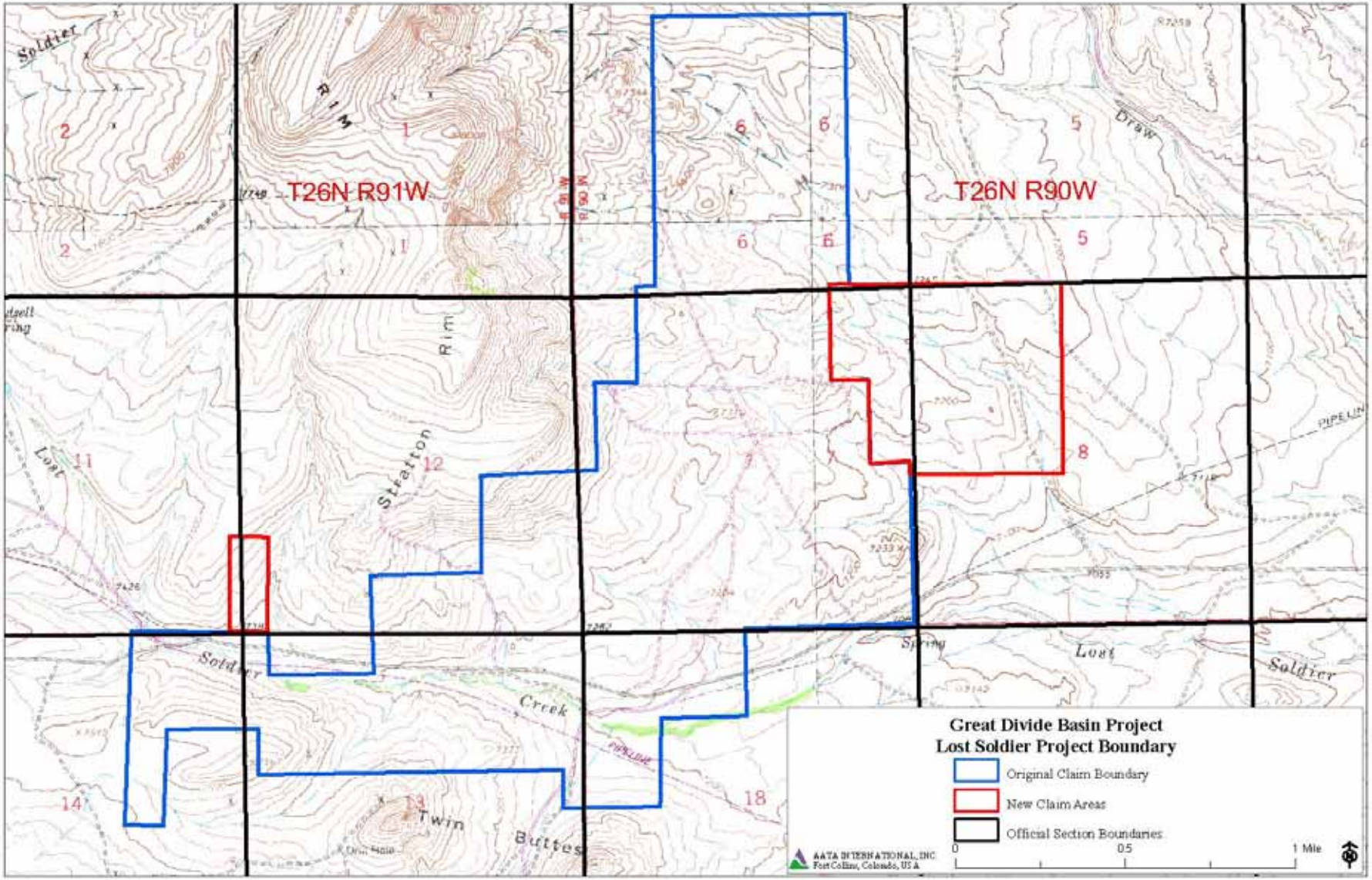
Baseline Studies (III)

- 2007 baseline studies (*continued*):
  - ✓ Additional Activities
    - ➢ Met Station at Lost Creek – installed
    - ➢ High-vol air quality sampling - planned
    - ➢ Bioassays on vegetation and cattle tissue - planned

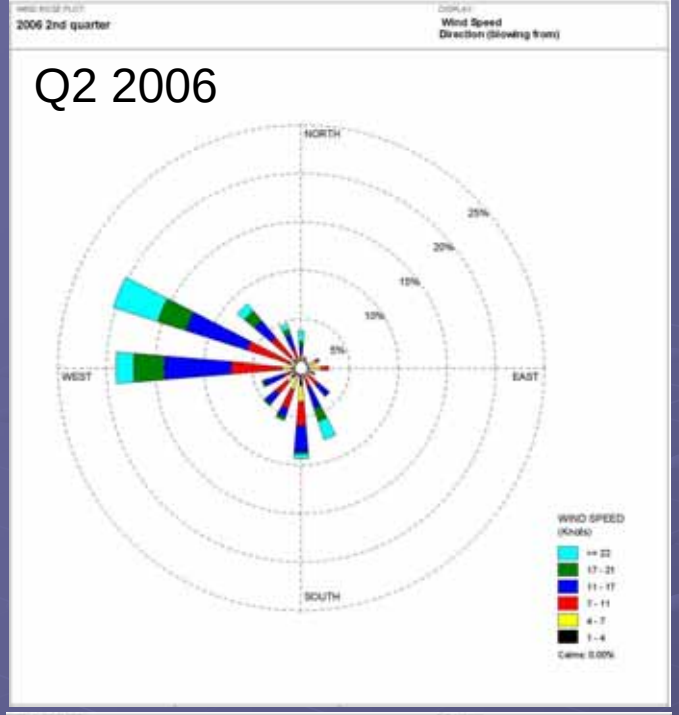
New Claim Area at Lost Creek

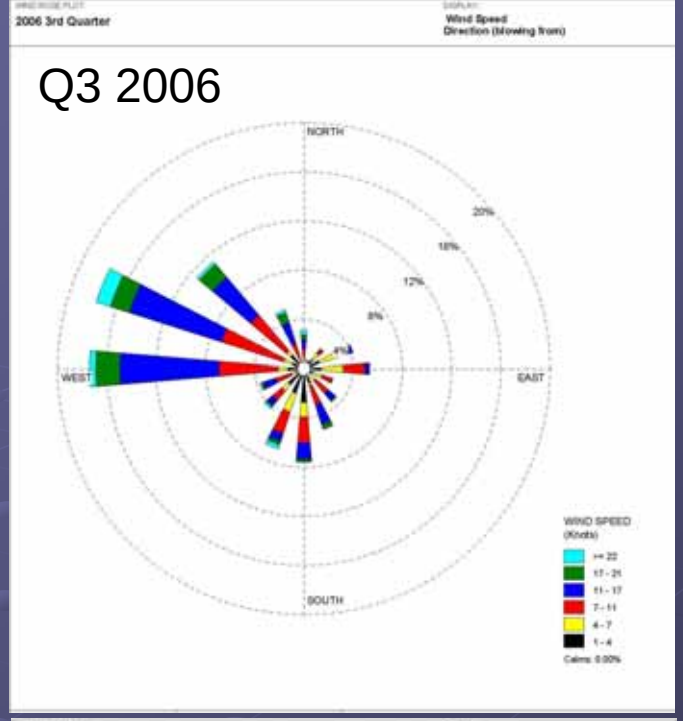


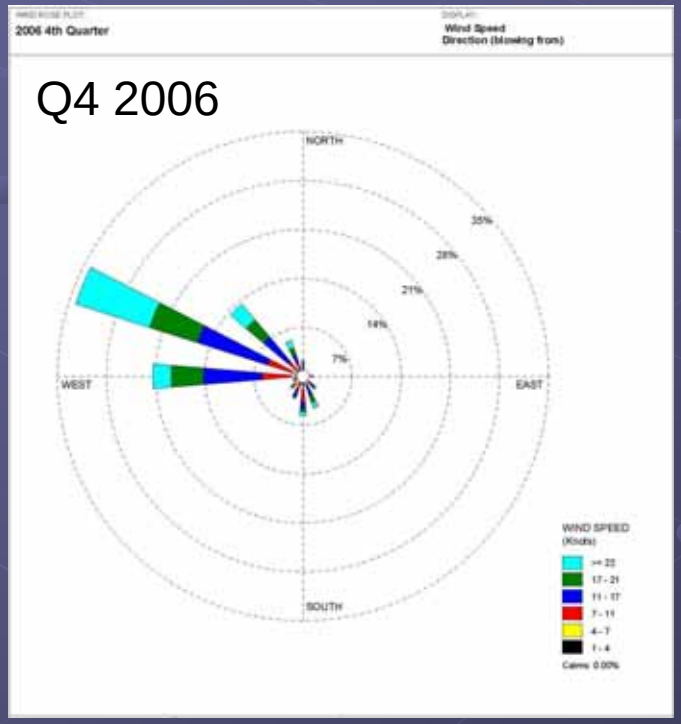
New Claim Areas at Lost Soldier

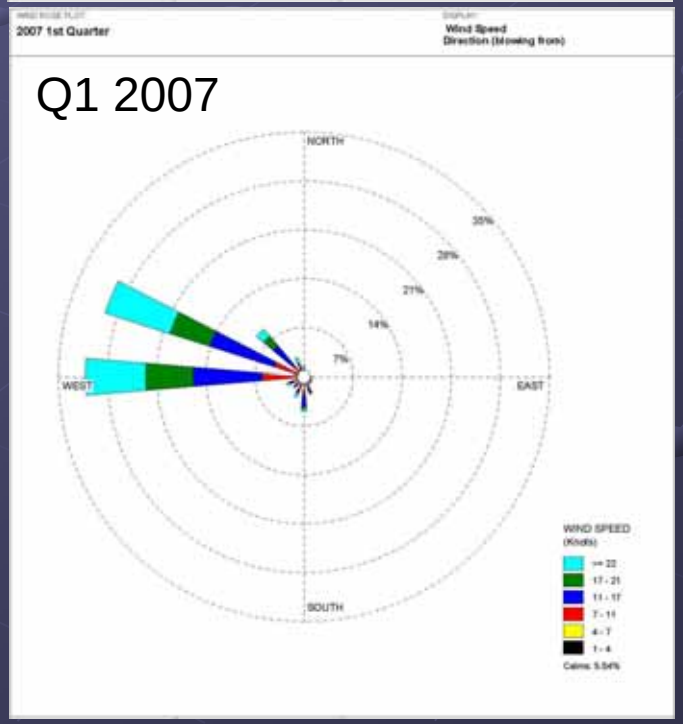


Lost Creek
Met Station
(May 12, 2007)


2006 2nd quarter
Wind Speed
Direction (blowing from)
Q2 2006
NORTH
SOUTH
WEST
EAST
5%
10%
15%
20%
25%
WIND SPEED
(Knots)
>= 22
17 - 21
11 - 17
7 - 11
4 - 7
1 - 4
Calms: 0.00%

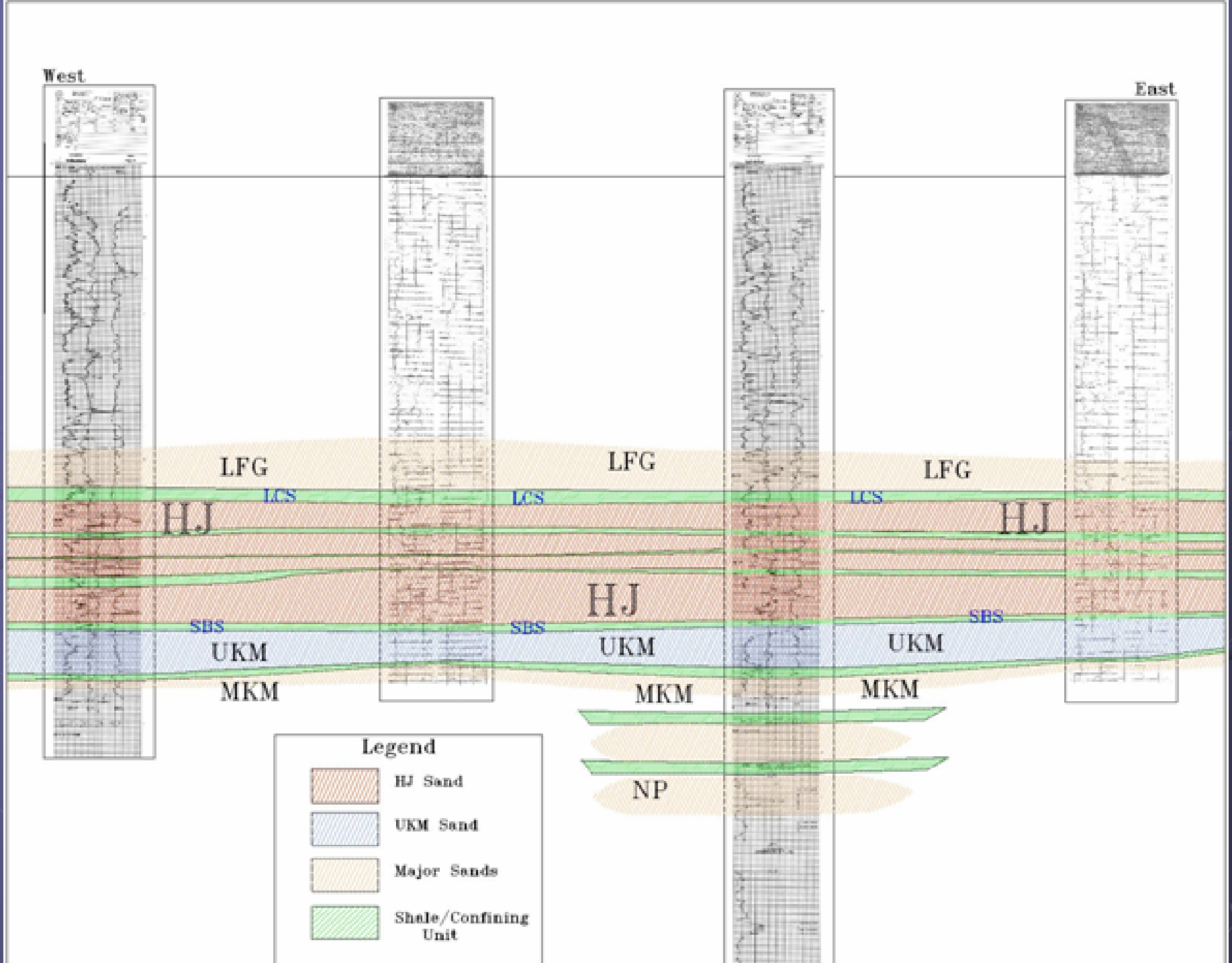

2006 3rd Quarter
Wind Speed
Direction (blowing from)
Q3 2006
NORTH
SOUTH
WEST
EAST
4%
8%
12%
16%
20%
WIND SPEED
(Knots)
>= 22
17 - 21
11 - 17
7 - 11
4 - 7
1 - 4
Calms: 0.00%

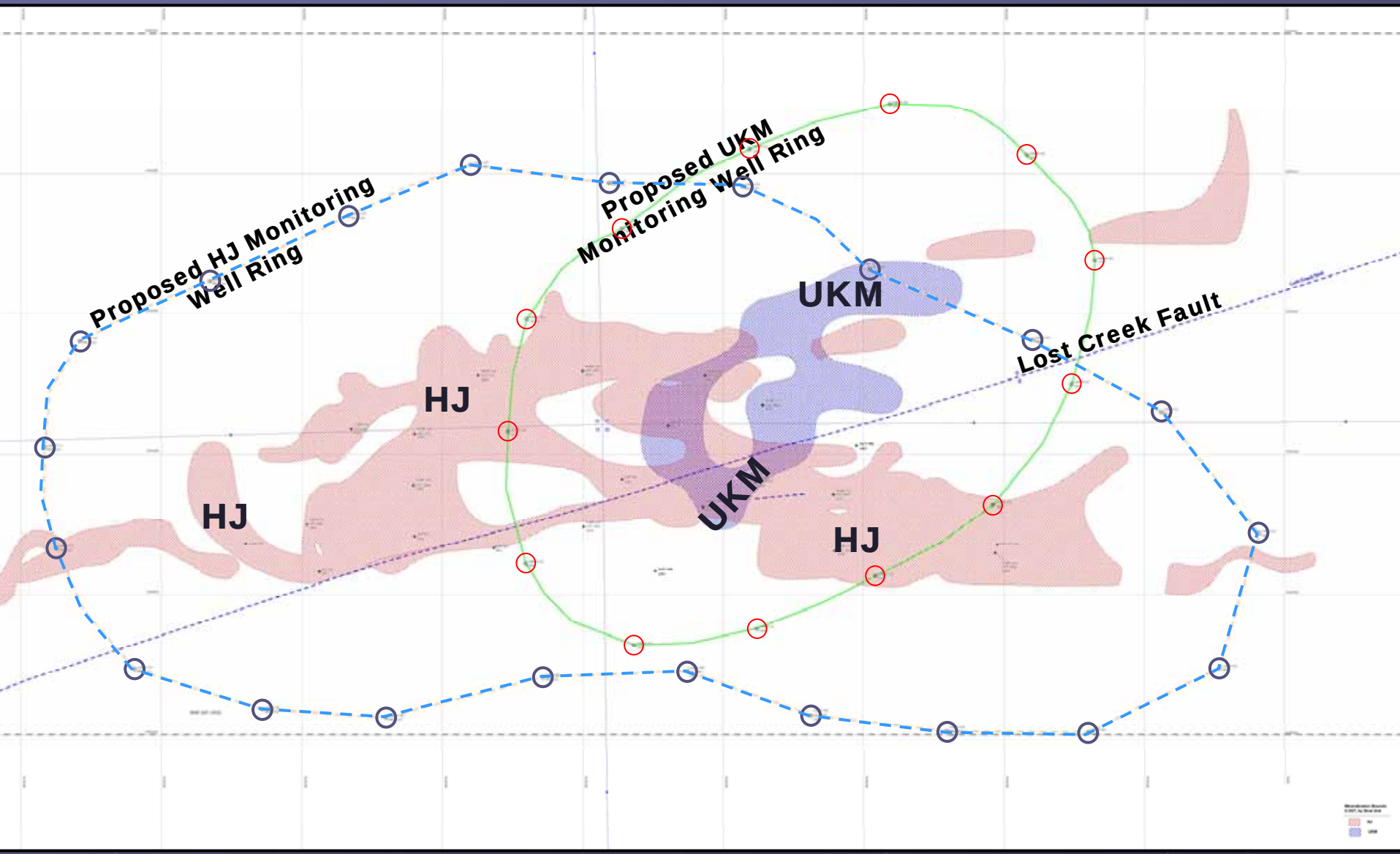

2006 4th Quarter
Wind Speed
Direction (blowing from)
Q4 2006
NORTH
SOUTH
WEST
EAST
7%
14%
21%
28%
35%
WIND SPEED
(Knots)
>= 22
17 - 21
11 - 17
7 - 11
4 - 7
1 - 4
Calms: 0.00%


2007 1st Quarter
Wind Speed
Direction (blowing from)
Q1 2007
NORTH
SOUTH
WEST
EAST
7%
14%
21%
28%
35%
WIND SPEED
(Knots)
>= 22
17 - 21
11 - 17
7 - 11
4 - 7
1 - 4
Calms: 5.54%

LOST CREEK QUARTERLY BASELINE GROUNDWATER SUMMARY

- Ur-Energy Completed the 3rd Quarter Sampling 2nd week February 2007
- Analytical Sample Results Appear Consistent with Previous Sample Events
- Groundwater Levels are Lower by Approximately 1.5 feet from 2nd Quarter
- Quarterly Groundwater Flow and Gradient Appear Consistent in Each Aquifer
- Ur-Energy Completed the 4th Quarter Sampling 1st week May 2007


West
East
LFG
LFG
LFG
LCS
LCS
LCS
HJ
HJ
HJ
SBS
SBS
SBS
UKM
UKM
UKM
MKM
MKM
MKM
NP
Legend
HJ Sand
UKM Sand
Major Sands
Shale/Confining Unit

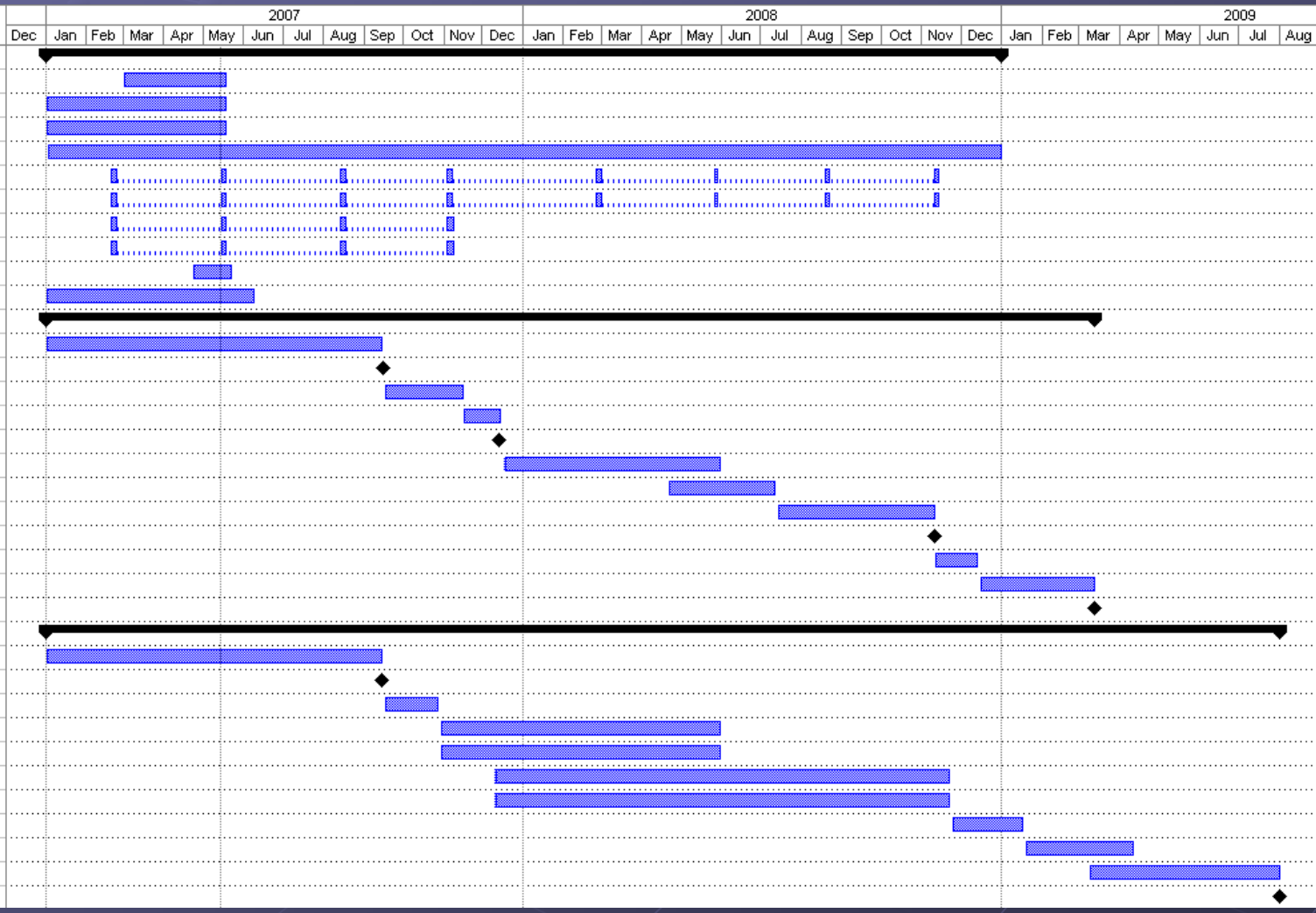

Proposed HJ Monitoring Well Ring
Proposed UKM Monitoring Well Ring
UKM
Lost Creek Fault
HJ
HJ
UKM
HJ

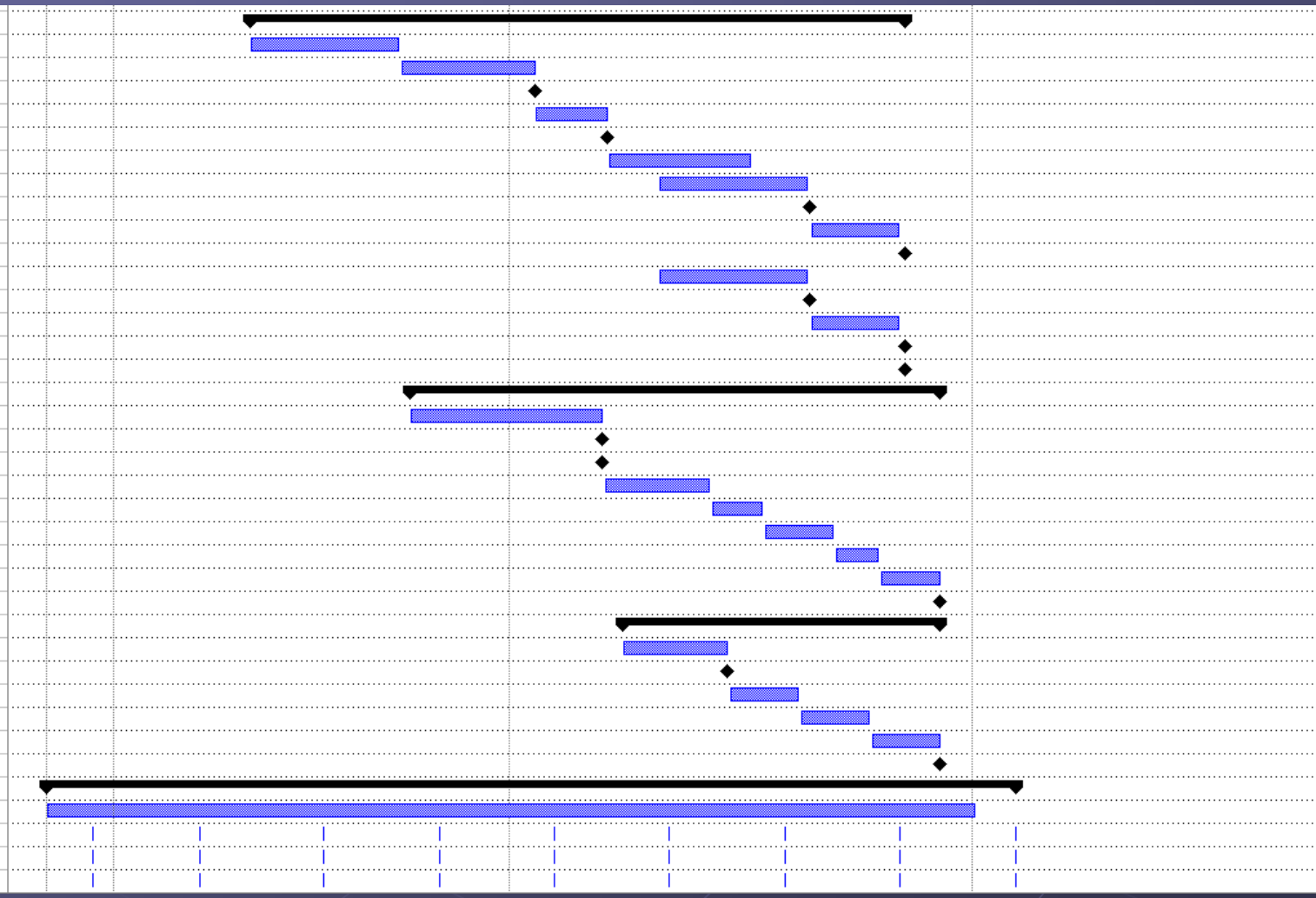
Agency Liaison & Permit Application Preparation

- NRC briefing in February 07
- WDEQ & BLM briefing March 07
- WDEQ Permit to Mine Application -
  - ✓ Presented & finalized detailed outline of the application package
  - ✓ Discussed report format (e.g., digital vs. hard copies)
  - ✓ Discussed aquifer exemption issues (with WDEQ as well as EPA)
- NRC Source Material License Application -
  - ✓ Presented detailed Environmental Report outline
  - ✓ Discussed licensing options vs. permitting schedule
  - ✓ Report format (e.g., digital vs. hard copies) to be finalized

Permitting Schedule for Lost Creek (1)

ID	Task Name
1	**Baseline Data Collection & Reporting**
2	Baseline Surveys on New Claim Area
3	Archaeological Report
4	Socio-Economic Program
5	Meteorological Data
6	Surface Water Sampling
7	Groundwater Sampling
8	Mini-Vol PM10 Sampling
9	Natural Gamma & Radon Sampling
10	MILDOS Modeling
11	Work with GW & Engineering Team
12	**WDEQ Permit Application**
13	Application Package Preparation
14	Submit Permit Application
15	WDEQ Completeness Review
16	Response to Comments
17	Public Notice
18	WDEQ Technical Review
19	Response to Comments
20	WDEQ Final Review
21	WDEQ Approval
22	Public Notice
23	Public Comments & Response
24	WDEQ Permit Issued
25	**NRC Own License Application**
26	Application Package Preparation
27	Submit License Application
28	Acceptance Review
29	Technical Review
30	Environmental Review
31	NRC Developing Draft EIS
32	Responses to NRC Comments
33	Public Review & Comments
34	Responses to Public Comments
35	NRC Developing Final EIS
36	Application Approved & ROD Issued



Permitting Schedule for Lost Creek (2)

45	**First Mine Unit (MU)**
46	MU Designed
47	MU Plan Prepared
48	MU Plan Submitted
49	MU Plan Reviewed by WDEQ
50	MU Plan Approved
51	MU Wells Installed
52	MU Pump Test
53	MU Pump Test Report Submitted
54	MU Pump Test Reviewed by WDEQ
55	MU Pump Test Report Approved
56	MU WQ/UCL Sampling
57	MU WQ/UCLReport Submitted
58	MU WQ/UCL Rpt. Reviewed by WDEQ
59	MU WQ/UCL Report Approved
60	MU Permit Issued
61	**UIC Permit Application**
62	Application Package Preparation
63	Submit Permit Application
64	Public Notice
65	WDEQ/EPA Review
66	Response to Comments
67	WDEQ/EPA Final Review
68	Public Comments
69	Response to Public Comments
70	WDEQ/EPA Approval
71	**NPDES / Other Permit Applications**
72	Application Preparation
73	Submit Permit Application
74	Agency Review
75	Response to Comments
76	Agency Final Review
77	Agency Approval
78	**Agency Coordination and Meetings**
79	Consultation and Coordination
80	Meetings with WDEQ
90	Meetings with BLM
108	Meetings with NRC