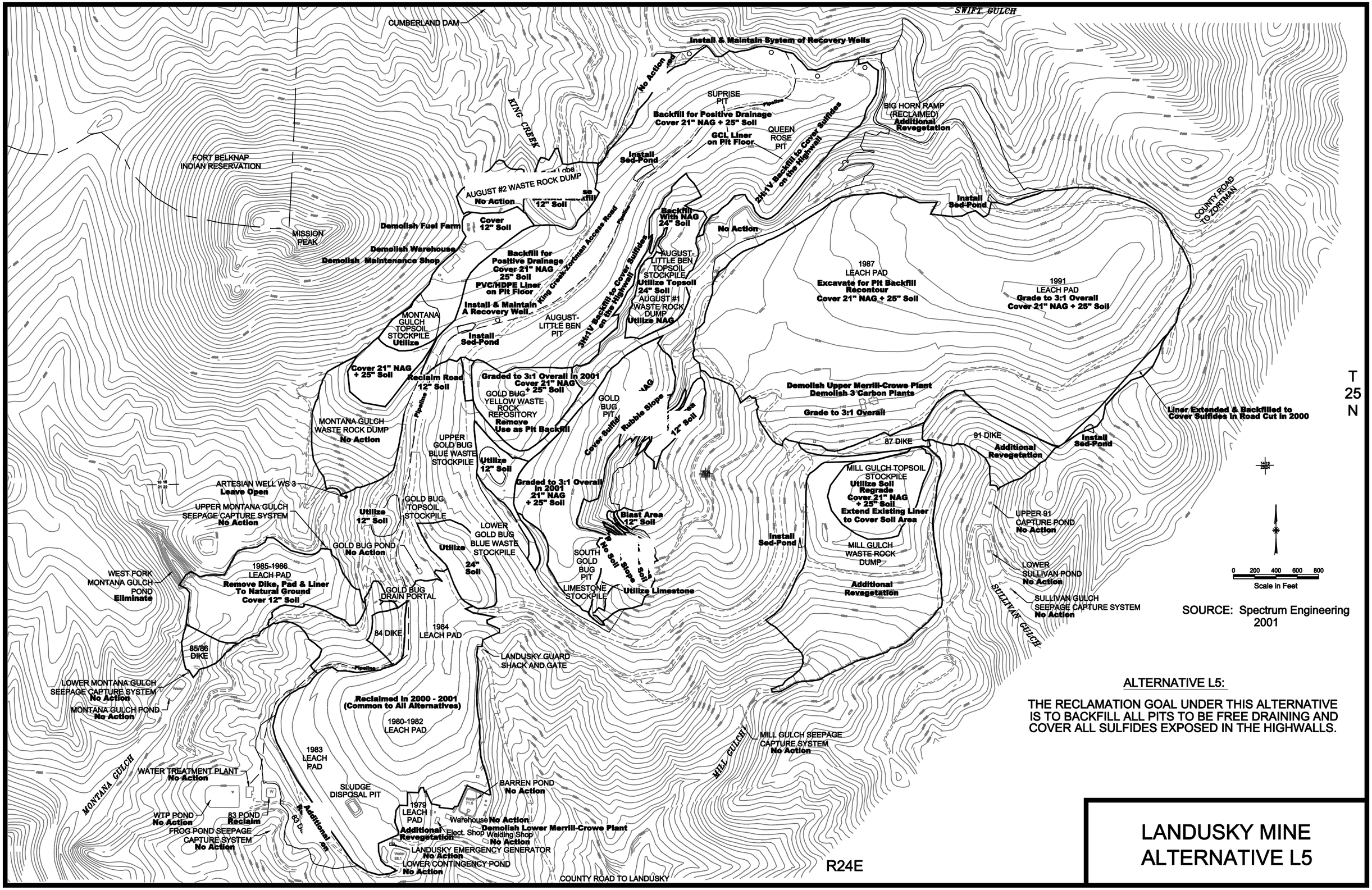
SWIFT GULCH
CUMBERLAND DAM
Install & Maintain System of Recovery Wells
KING CREEK
No Action
SUPRISE PIT
Backfill for Positive Drainage
Cover 21" NAG + 25" Soil
GCL Liner on Pit Floor
QUEEN ROSE PIT
24H:1V Backfill to Cover Sulfides on the Highwall
BIG HORN RAMP (RECLAIMED)
Additional Revegetation
FORT BELKNAP INDIAN RESERVATION
Install Sed-Pond
AUGUST #2 WASTE ROCK DUMP
No Action
12" Soil
Cover 12" Soil
Demolish Fuel Farm
Demolish Warehouse
Demolish Maintenance Shop
MISSION PEAK
Backfill for Positive Drainage
Cover 21" NAG 25" Soil
PVC/HDPE Liner on Pit Floor
Install & Maintain A Recovery Well
King Creek-Zortman Access Road
Backfill With NAG 24" Soil
No Action
AUGUST-LITTLE BEN TOPSOIL STOCKPILE
Utilize Topsoil 24" Soil
AUGUST #1 WASTE ROCK DUMP
Utilize NAG
3H:1V Backfill to Cover Sulfides on the Highwall
AUGUST-LITTLE BEN PIT
Install Sed-Pond
1987 LEACH PAD
Excavate for Pit Backfill
Recontour
Cover 21" NAG + 25" Soil
1991 LEACH PAD
Grade to 3:1 Overall
Cover 21" NAG + 25" Soil
COUNTY ROAD TO ZORTMAN
MONTANA GULCH TOPSOIL STOCKPILE
Utilize
Cover 21" NAG + 25" Soil
Reclaim Road
12" Soil
Graded to 3:1 Overall in 2001
Cover 21" NAG + 25" Soil
GOLD BUG YELLOW WASTE ROCK REPOSITORY
Remove
Use as Pit Backfill
GOLD BUG PIT
Rubble Slope
Cover Sulfides
Demolish Upper Merrill-Crowe Plant
Demolish 3 Carbon Plants
Grade to 3:1 Overall
Liner Extended & Backfilled to Cover Sulfides in Road Cut in 2000
MONTANA GULCH WASTE ROCK DUMP
No Action
UPPER GOLD BUG BLUE WASTE STOCKPILE
Utilize 12" Soil
87 DIKE
91 DIKE
Additional Revegetation
Install Sed-Pond
ARTESIAN WELL WS 3
Leave Open
UPPER MONTANA GULCH SEEPAGE CAPTURE SYSTEM
No Action
Utilize 12" Soil
GOLD BUG TOPSOIL STOCKPILE
Graded to 3:1 Overall in 2001
21" NAG + 25" Soil
Blast Area 12" Soil
MILL GULCH TOPSOIL STOCKPILE
Utilize Soil
Regrade
Cover 21" NAG + 25" Soil
Extend Existing Liner to Cover Soil Area
UPPER 91 CAPTURE POND
No Action
GOLD BUG POND
No Action
Utilize
LOWER GOLD BUG BLUE WASTE STOCKPILE
24" Soil
No Soil
Slope
SOUTH GOLD BUG PIT
LIMESTONE STOCKPILE
Utilize Limestone
Install Sed-Pond
MILL GULCH WASTE ROCK DUMP
Additional Revegetation
LOWER SULLIVAN POND
No Action
SULLIVAN GULCH
SULLIVAN GULCH SEEPAGE CAPTURE SYSTEM
No Action
WEST FORK MONTANA GULCH POND
Eliminate
1985-1986 LEACH PAD
Remove Dike, Pad & Liner To Natural Ground
Cover 12" Soil
GOLD BUG DRAIN PORTAL
84 DIKE
1984 LEACH PAD
85/86 DIKE
LANDUSKY GUARD SHACK AND GATE
LOWER MONTANA GULCH SEEPAGE CAPTURE SYSTEM
No Action
MONTANA GULCH POND
No Action
Reclaimed in 2000 - 2001
(Common to All Alternatives)
1980-1982 LEACH PAD
MILL GULCH SEEPAGE CAPTURE SYSTEM
No Action
MILL GULCH
1983 LEACH PAD
MONTANA GULCH
WATER TREATMENT PLANT
No Action
SLUDGE DISPOSAL PIT
BARREN POND
No Action
1979 LEACH PAD
Warehouse No Action
Demolish Lower Merrill-Crowe Plant
Additional Revegetation
Elect. Shop
Welding Shop
No Action
WTP POND
No Action
83 POND
Reclaim
FROG POND SEEPAGE CAPTURE SYSTEM
No Action
LANDUSKY EMERGENCY GENERATOR
No Action
LOWER CONTINGENCY POND
No Action
COUNTY ROAD TO LANDUSKY
R24E
T 25 N
0 200 400 600 800
Scale in Feet
SOURCE: Spectrum Engineering 2001
ALTERNATIVE L5:
THE RECLAMATION GOAL UNDER THIS ALTERNATIVE IS TO BACKFILL ALL PITS TO BE FREE DRAINING AND COVER ALL SULFIDES EXPOSED IN THE HIGHWALLS.
LANDUSKY MINE
ALTERNATIVE L5

FIGURE 2.4-13