APPENDIX D

Pipeline Engineering Strip Maps

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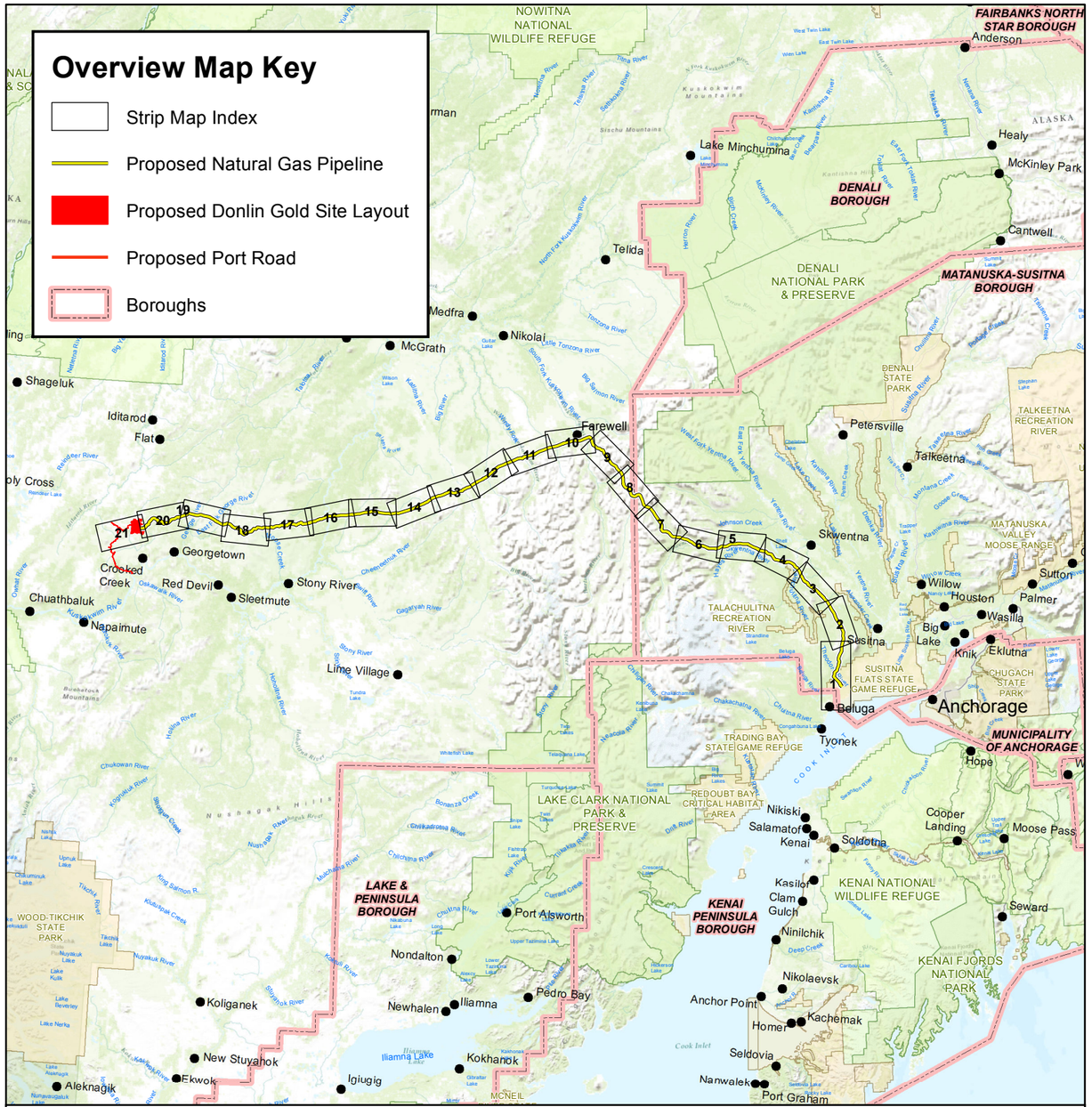
A P P E N D I X D

ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

*EFFECTIVE DATE OF ALIGNMENT JULY 2013



Data Sources: Donlin Gold 2013, ADNR 2013, Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Strip Map Key

Pipeline Engineering Asbuilts

- Gas Line Geoprobe Asbuilt
- Gas Line HDD Boreholes Asbuilt

Pipeline Engineering Features

- Block Valves
- Stream Crossing
- Water Extraction Site
- Above-ground Segment
- Proposed Transmission Line Milepost
- Proposed Transmission Line
- Proposed Natural Gas Pipeline Milepost
- Proposed Natural Gas Pipeline
- Compressor Station
- Distribution Station
- Fault Crossing
- Launcher/Receiver Station

Construction Infrastructure Access

- Winter Access Route
- Airstrip Access
- Material Site Access
- Shoofly Access
- Water Extraction Site Access
- Work Pad Access

Construction Infrastructure Features

- Airstrip
- Camp
- Material Site
- Pipe Storage Yard
- Temporary HDD Work
- Workpad

Administrative Areas

- Boroughs

See Sheet 2

METERING STATION

COMPRESSOR STATION

FAULT CROSSING

Theodore River

Lewis River

Cook Inlet

Pretty Creek

Beluga River

MATANUSKA-SUSITNA BOROUGH

KENAI PENINSULA BOROUGH

S015N009W

S015N010W

S014N010W

S013N010W

MP-0

MP-1

MP-2

MP-3

MP-4

MP-5

MP-6

MP-7

MP-8

PSY-01

MS-01

MS-00

TL-1

TL-2

TL-3

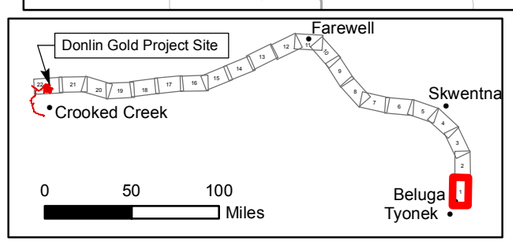
TL-4

TL-5

TL-6

TL-7

Beluga



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Units: Meter

MP-0 to MP-08

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

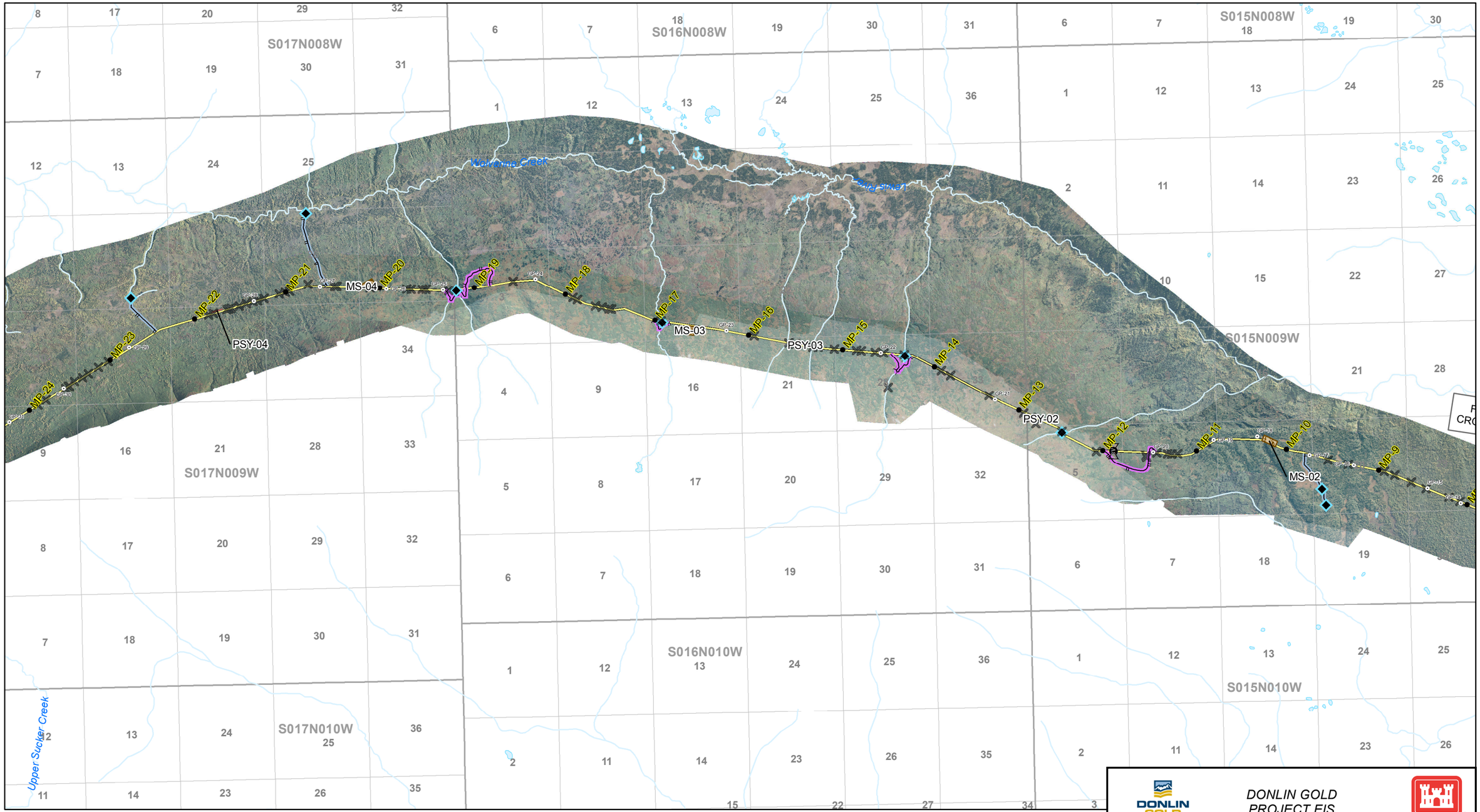
0 0.5 1 2 3 4 Miles

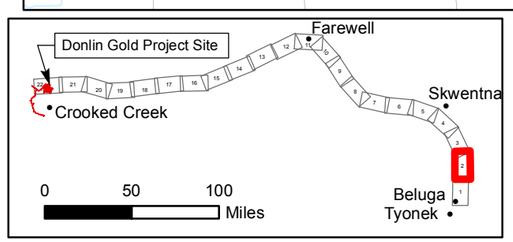
DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

NOVEMBER 2015





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Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-08 to MP-24

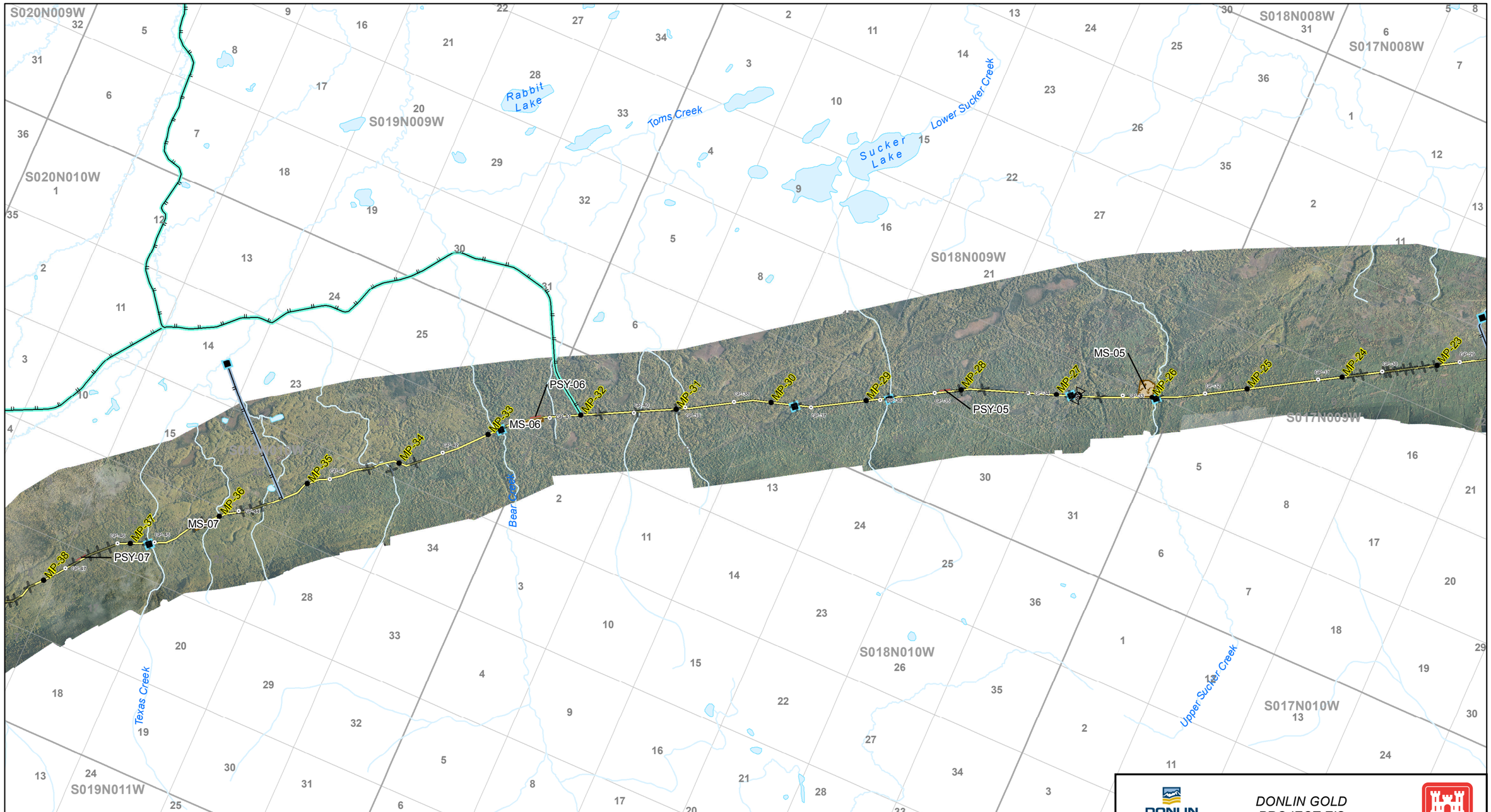
0 0.5 1 2 3 4 Miles

DONLIN GOLD

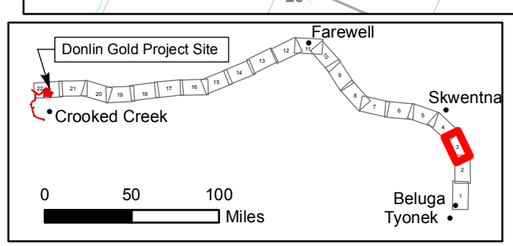
DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

See Sheet 4



See Sheet 2



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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

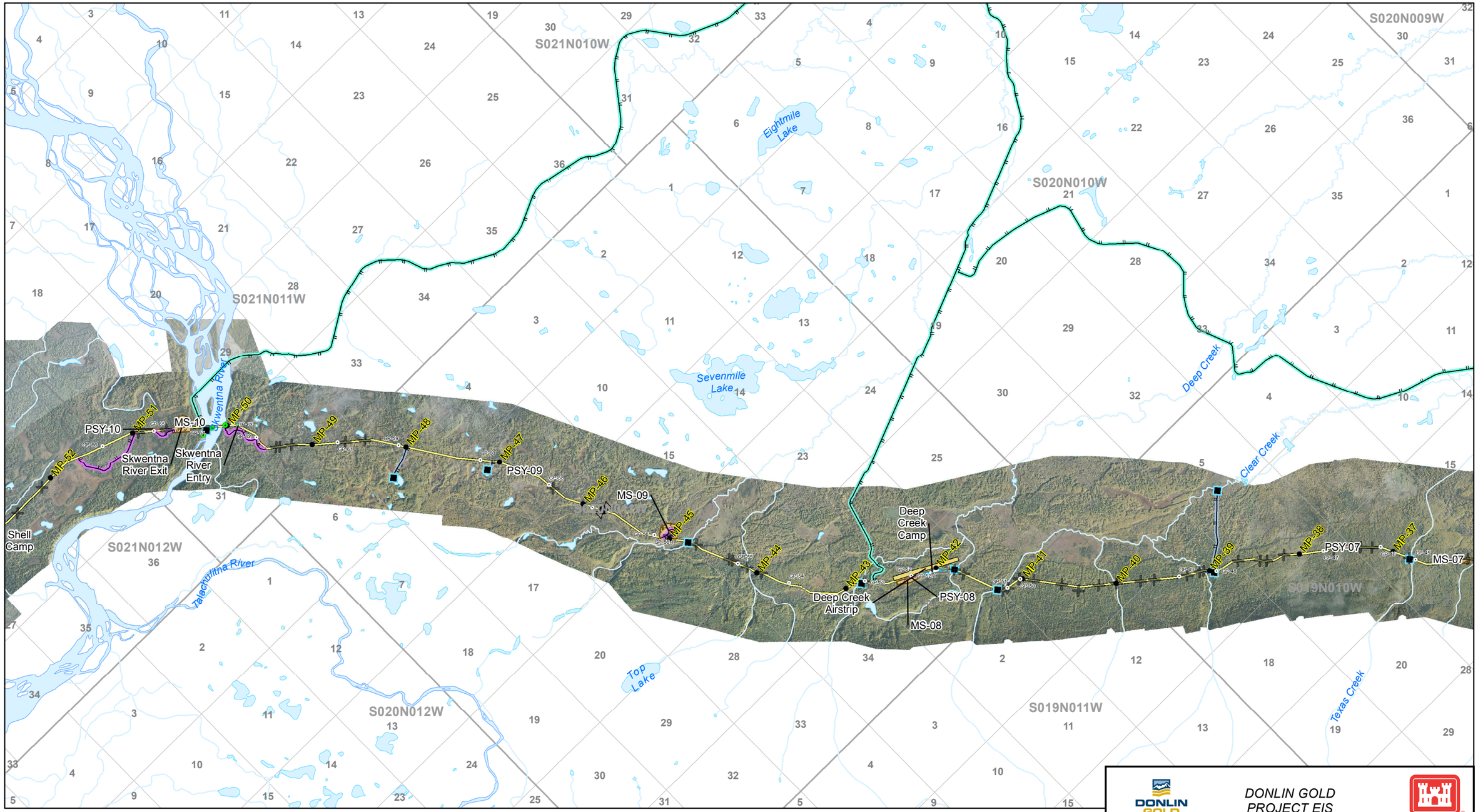
MP-23 to MP-38

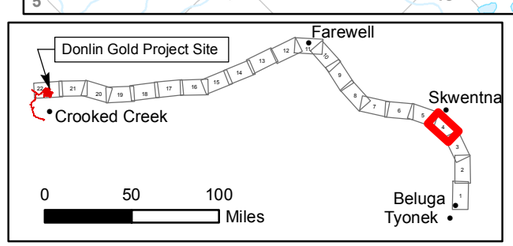
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE





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Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

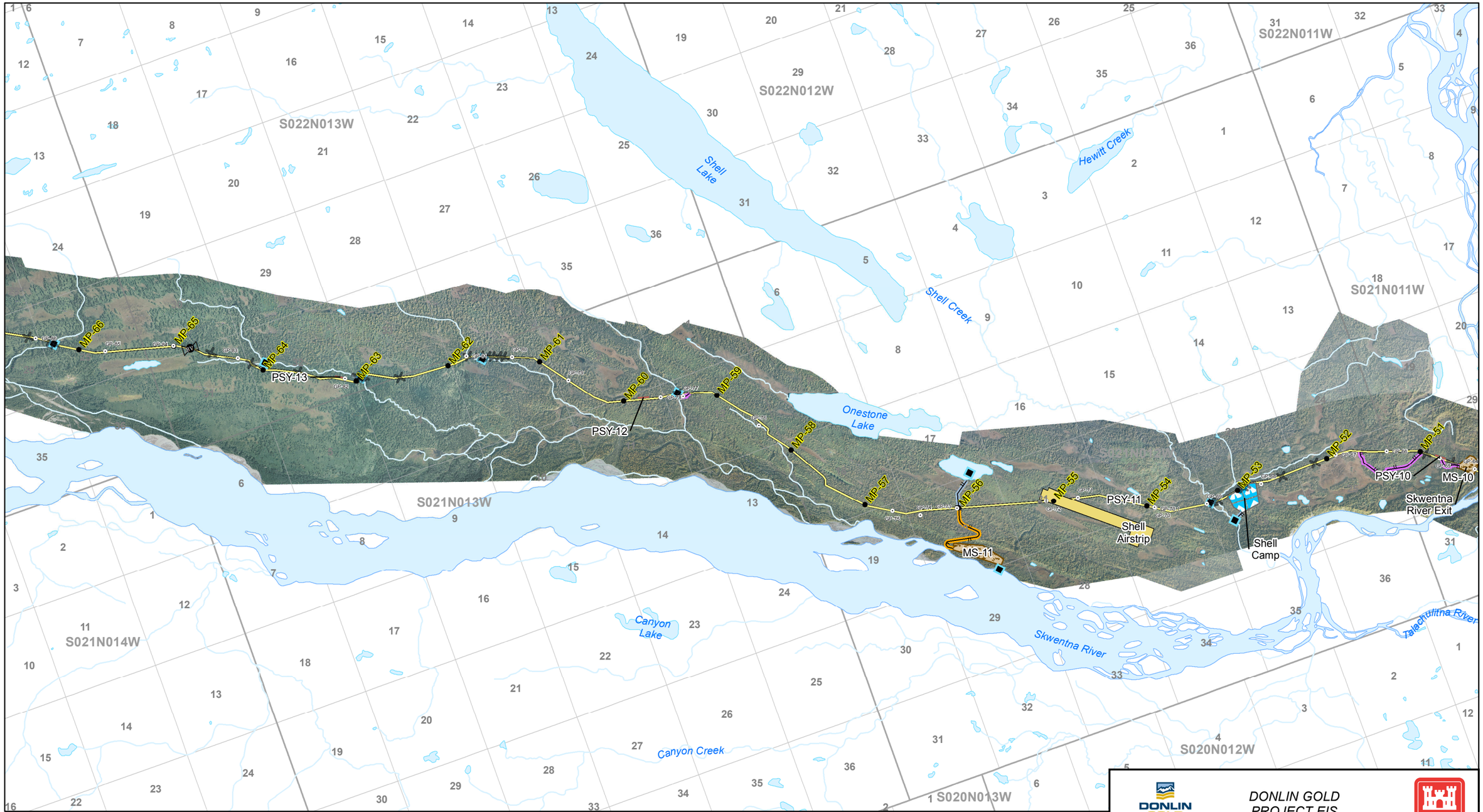
MP-36 to MP-53

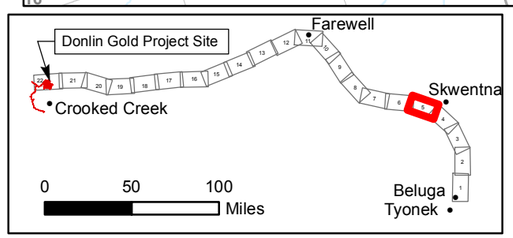
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE





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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-51 to MP-67

0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

See Sheet 7

See Sheet 5

S023N016W
S023N015W
S022N014W
S022N013W
S022N016W
S022N015W
S021N016W
S021N015W
S021N014W

Red Lake
Finger Lake
Skwentna River
Hayes River

MP-66
MP-67
MP-68
MP-69
MP-70
MP-71
MP-72
MP-73
MP-74
MP-75
MP-76
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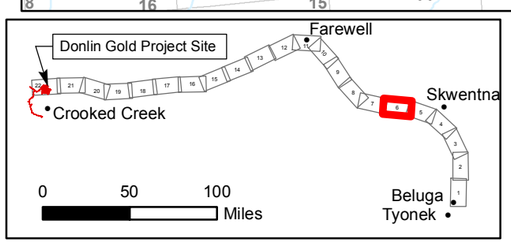
MP-78
MP-79
MP-80
MP-81

PSY-14
PSY-15
PSY-16
PSY-17
MS-12



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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-66 to MP-82

N

0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

NOVEMBER 2015

See Sheet 8

See Sheet 6

S023N018W

S023N017W

S023N016W

S022N018W

S022N017W

S022N016W

S022N019W

S021N017W

S021N016W

MP-97

PSY-20

MP-96

MP-95

MP-94

Happy River

MP-93

MP-92

MP-91

PSY-19

MP-90

Finnbear Lake

MP-89

MP-88

MS-14

Shirley Lake

MP-87

PSY-18

MP-86

Happy River Exit

Happy River Entry

Happy River Airstrip

MS-13

Happy River Camp

MP-85

MP-84

MP-83

MP-82

Skwentna River

Chickek River

Donlin Gold Project Site

Farewell

Skwentna

Crooked Creek

Beluga

Tyonek

0 50 100 Miles

Coordinate System: NAD 1983 UTM Zone 5N
Projection: Transverse Mercator
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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-81 to MP-97

0 0.5 1 2 3 4 Miles

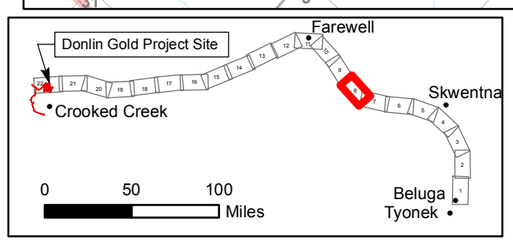
DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

See Sheet 9

See Sheet 7



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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-94 to MP-111

0 0.5 1 2 3 4 Miles

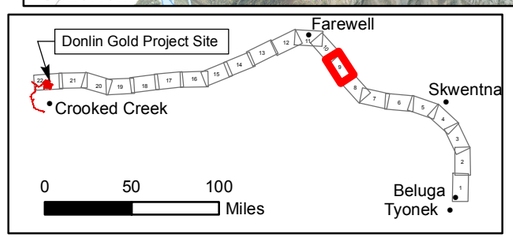
DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

See Sheet 10

See Sheet 8



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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

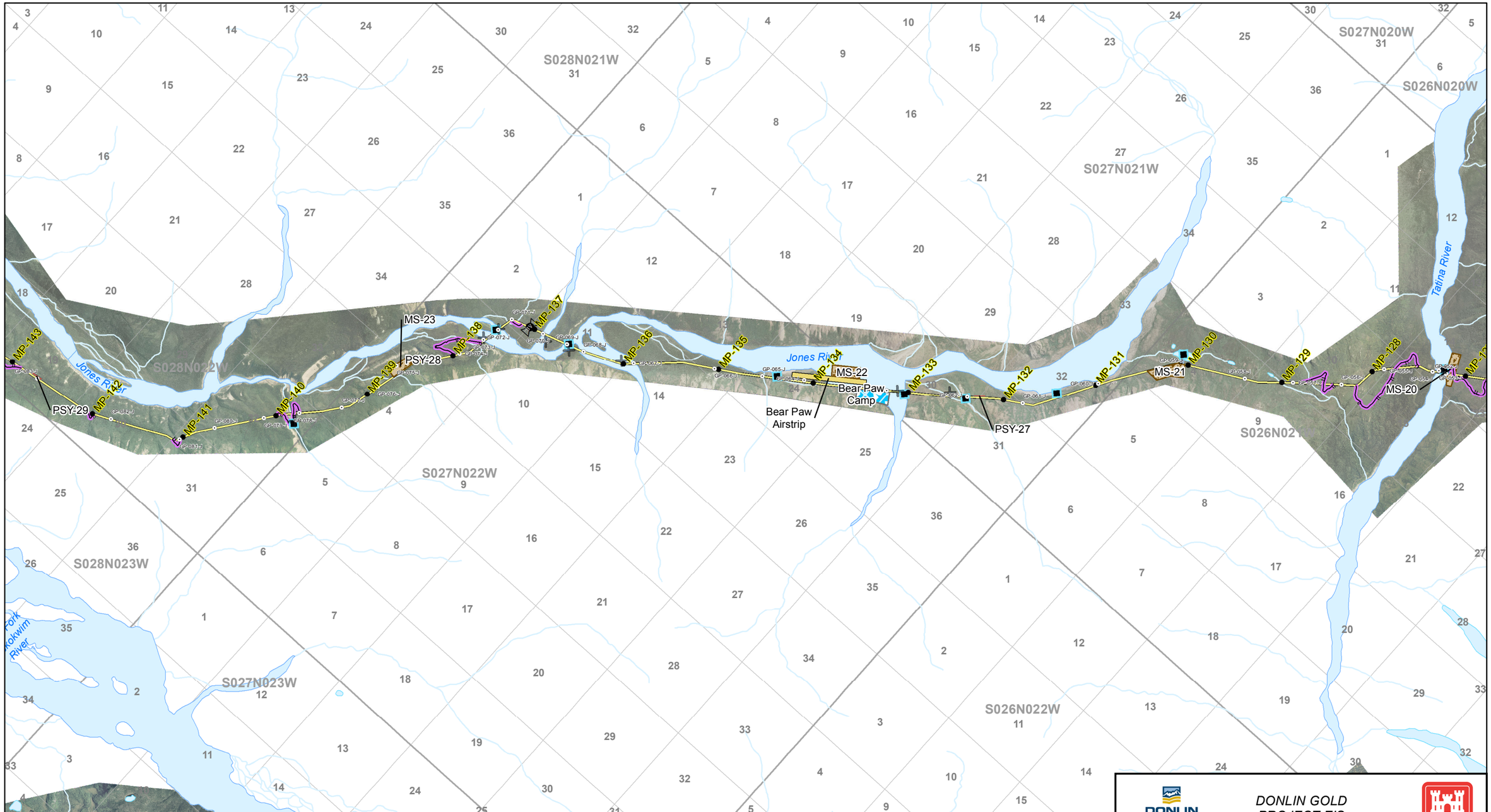
MP-110 to MP-129

0 0.5 1 2 3 4 Miles

DONLIN GOLD

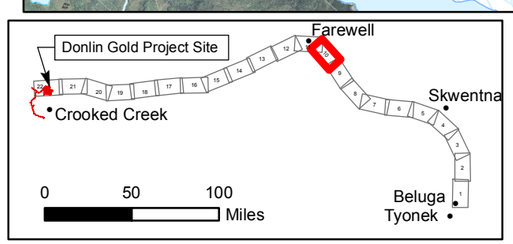
DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE



See Sheet 11

See Sheet 9



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Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

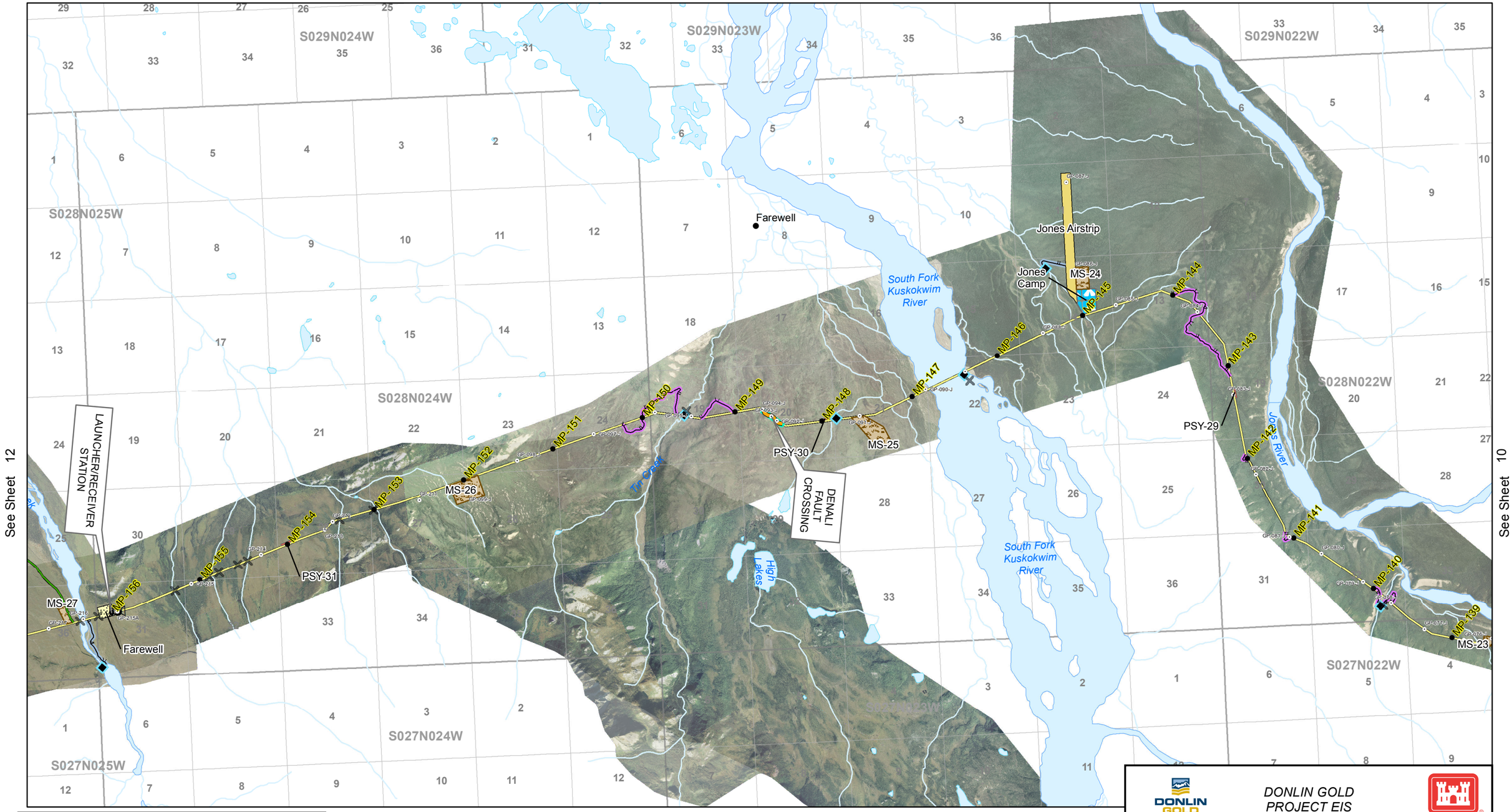
MP-127 to MP-143

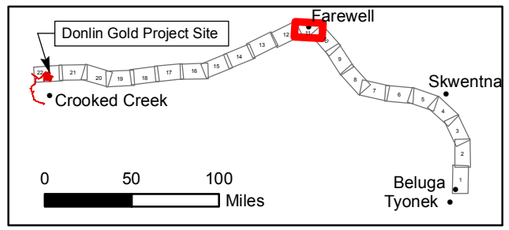
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE





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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-139 to MP-157

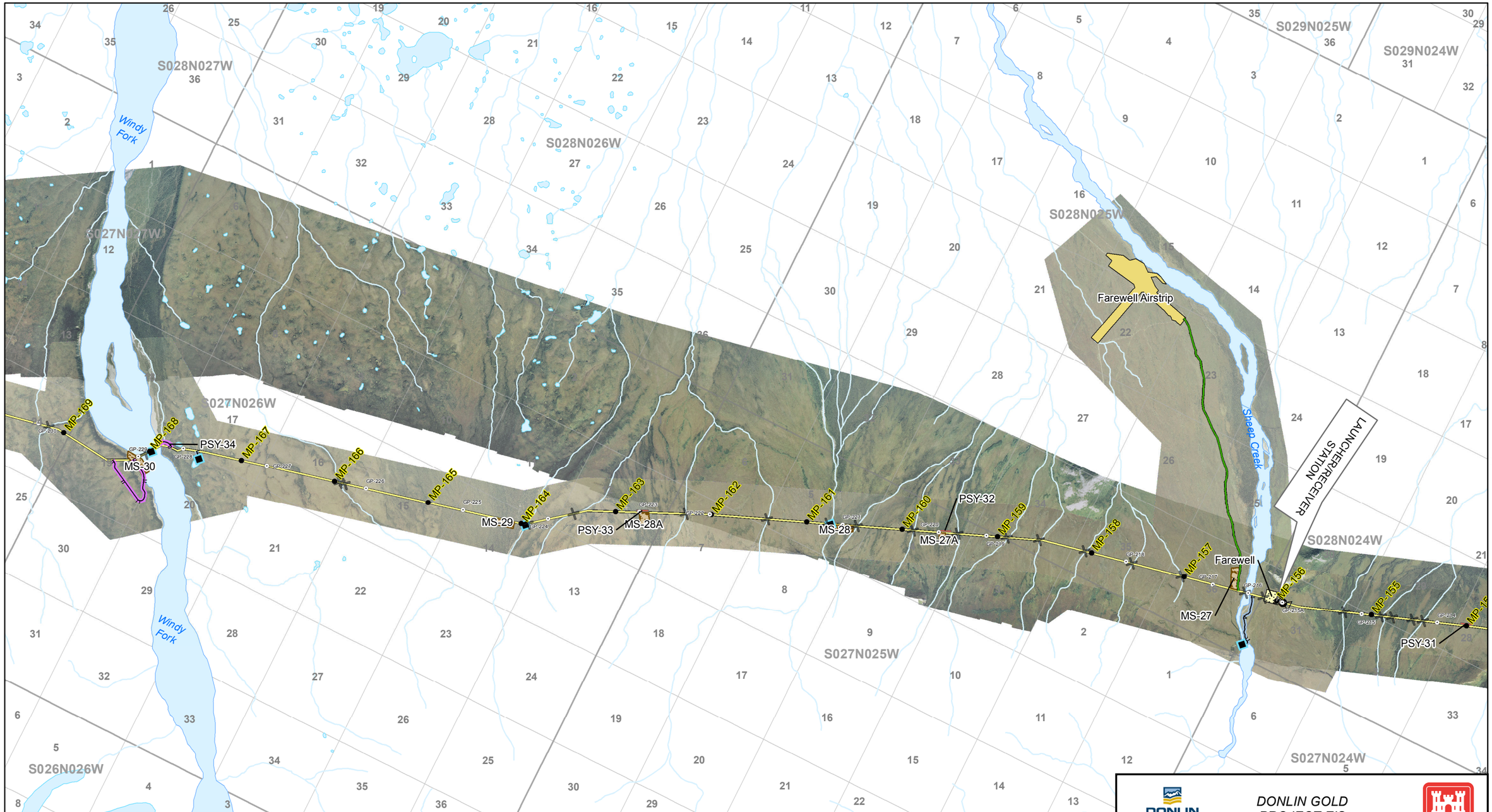
N

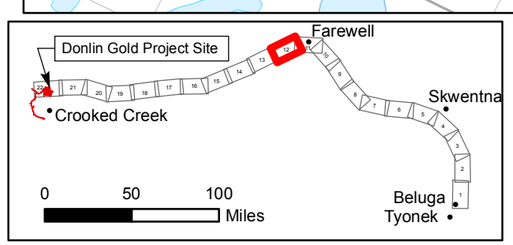
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE





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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-154 to P-169

0 0.5 1 2 3 4 Miles

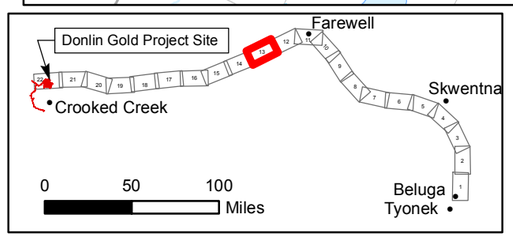
DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

NOVEMBER 2015

APPENDIX D Page 12 of 22



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Units: Meter

MP-169 to MP-185

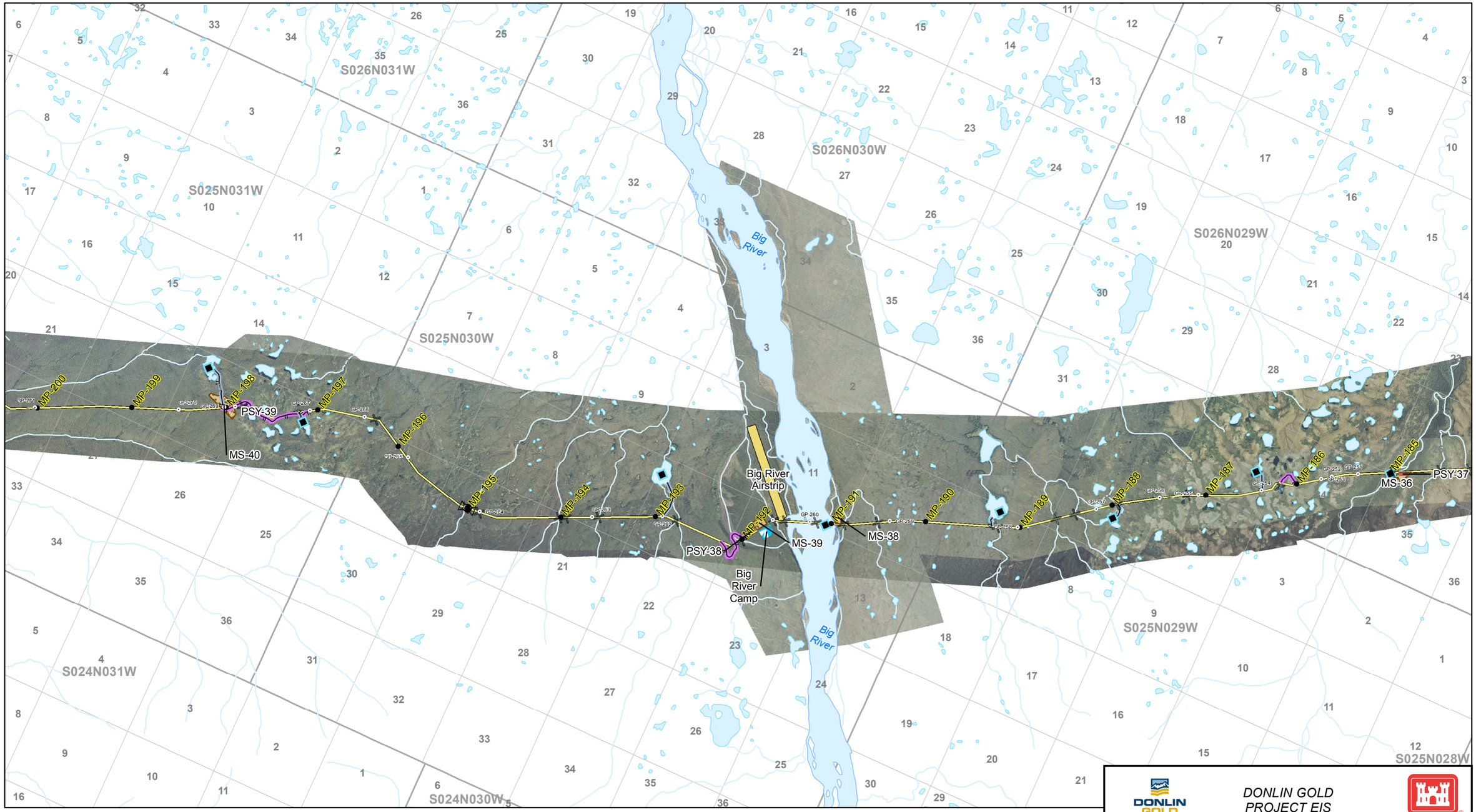
Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

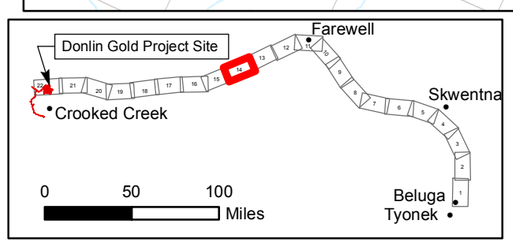
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE





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Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

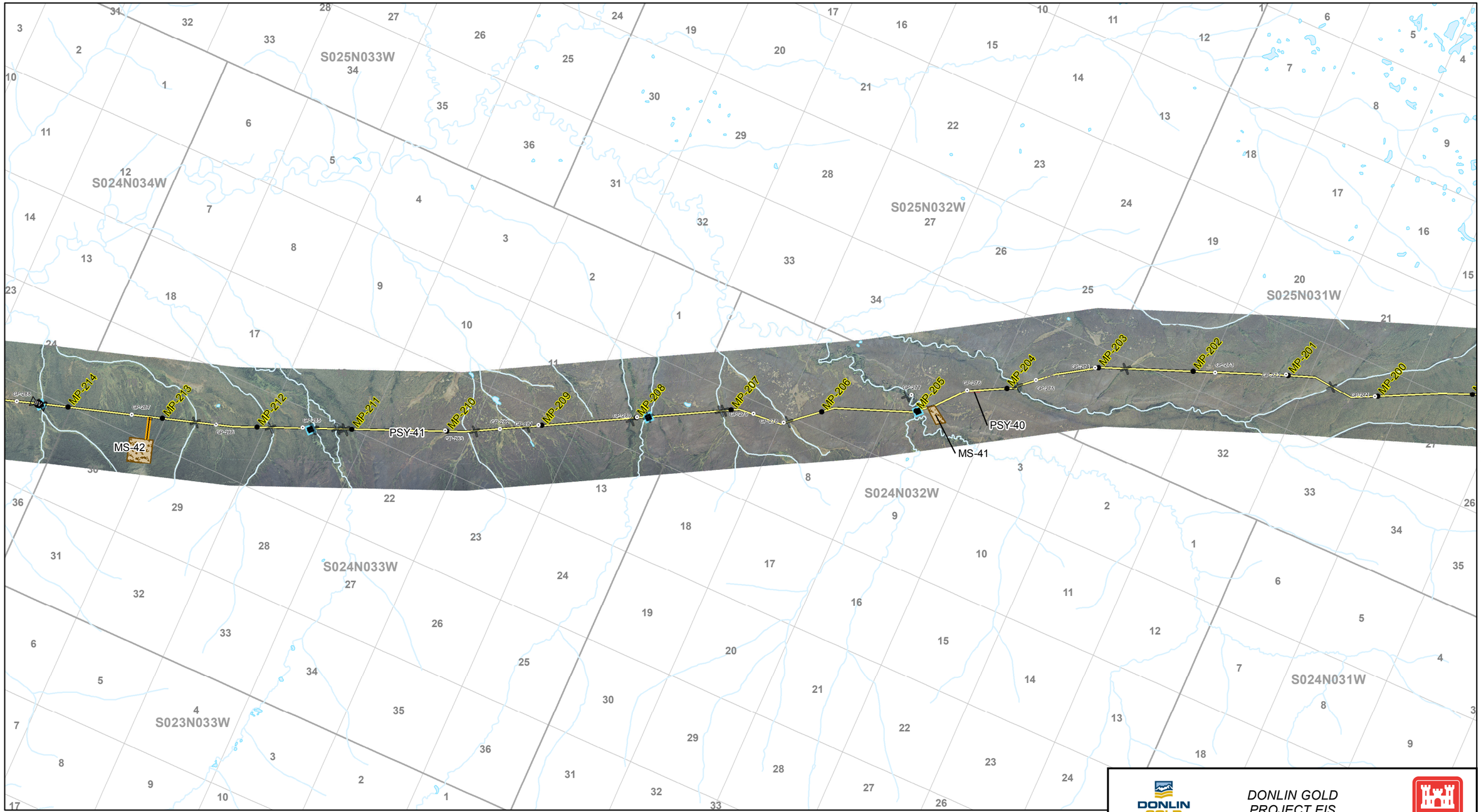
MP-184 to MP-200

0 0.5 1 2 3 4 Miles

DONLIN GOLD

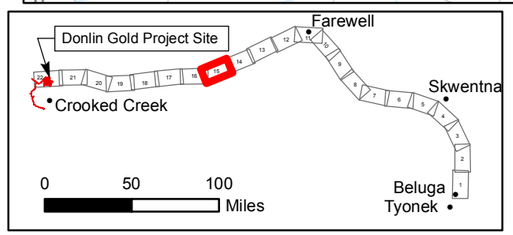
DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE



See Sheet 16

See Sheet 14



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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-199 to MP-214

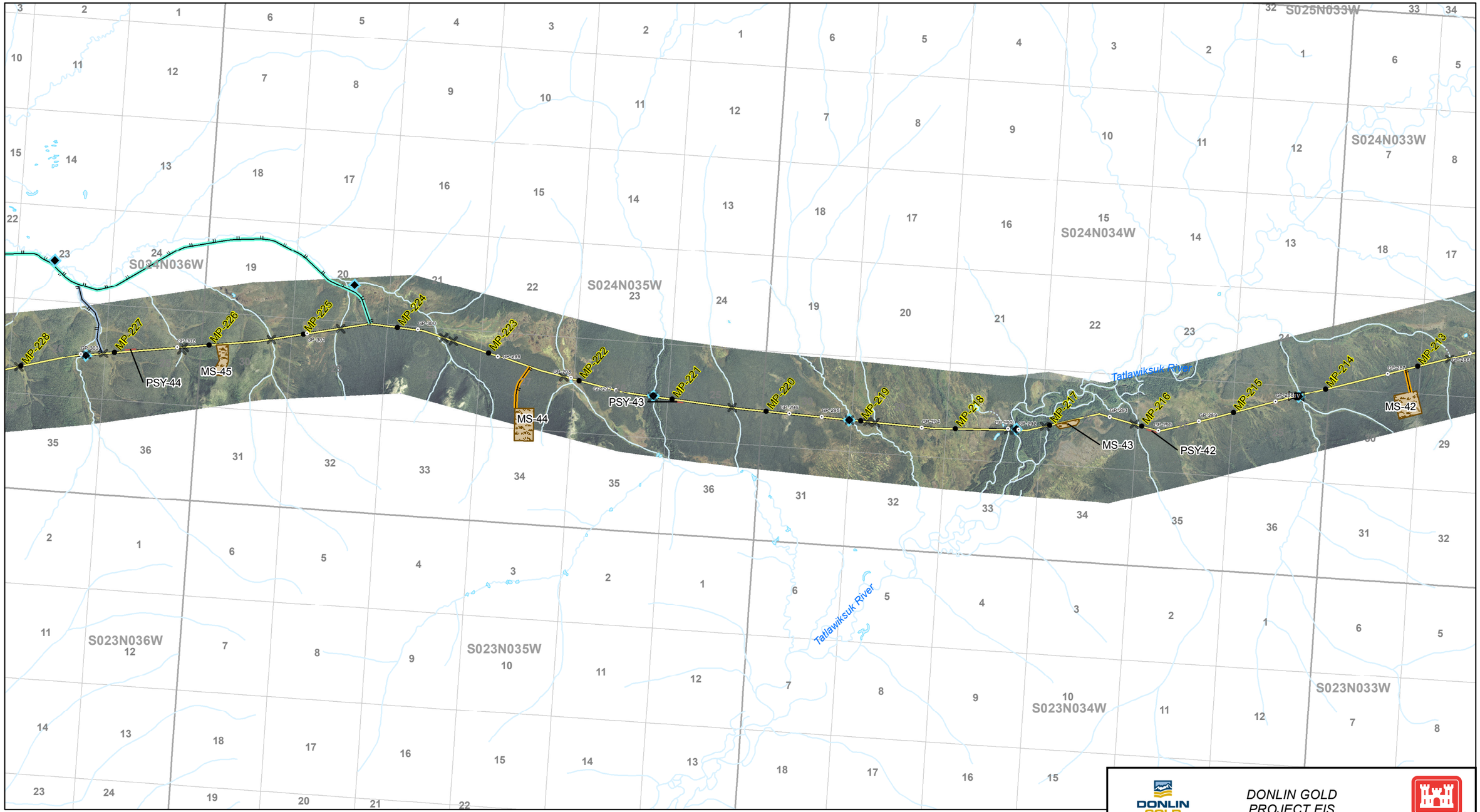
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

See Sheet 17



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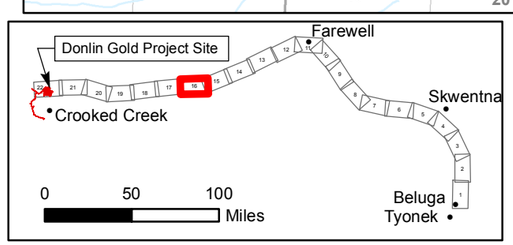

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Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

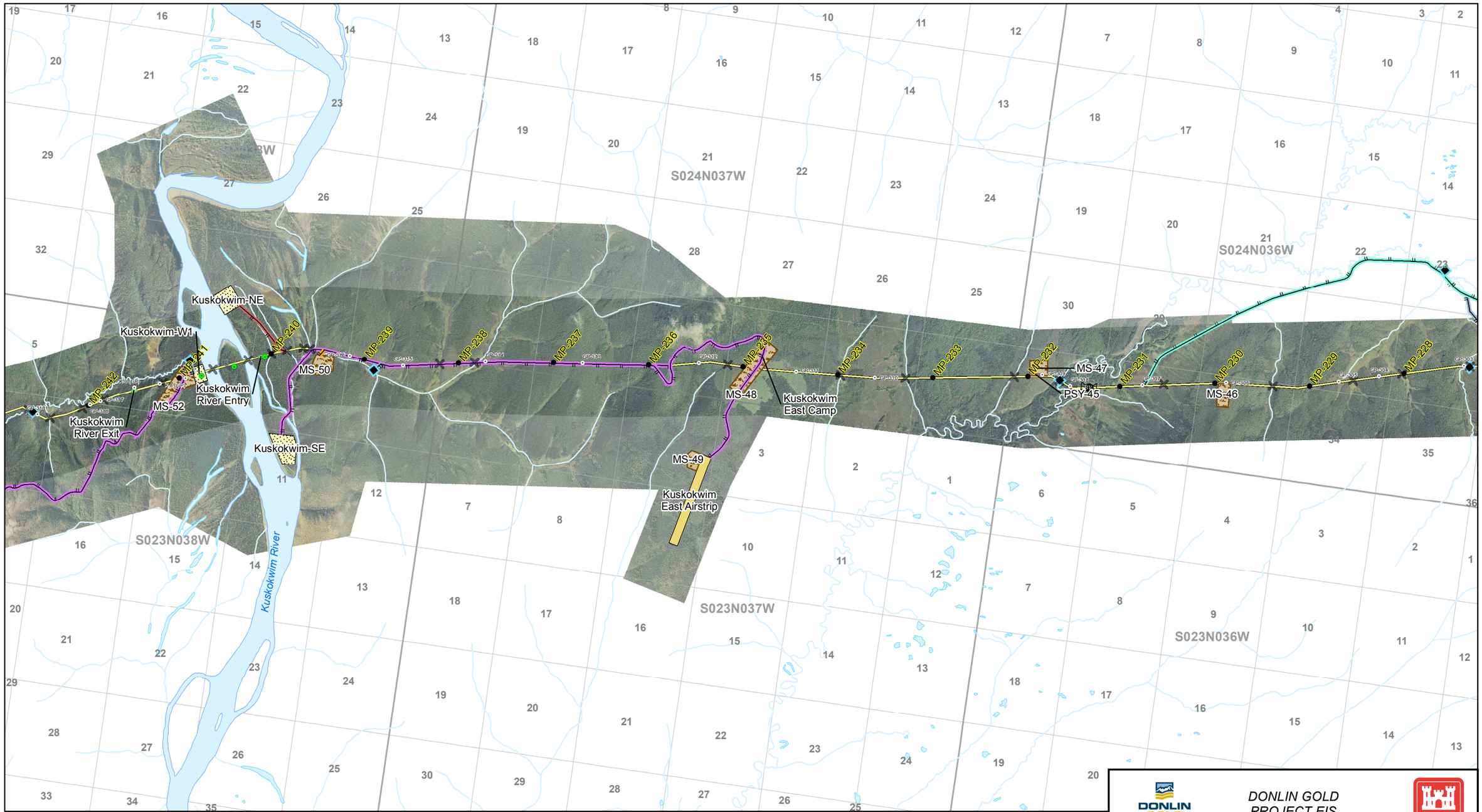
MP-213 to MP-228

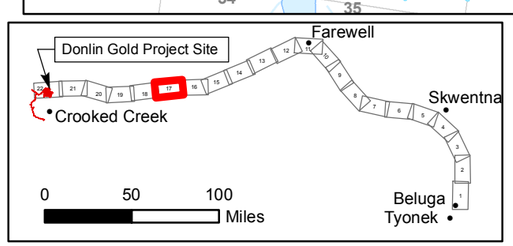
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE





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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

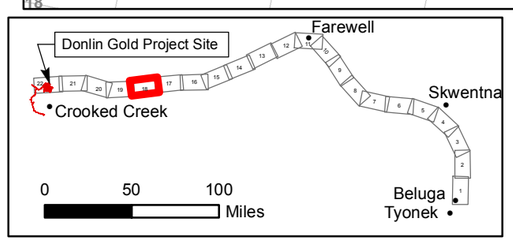
MP-227 to MP-243

0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE



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Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-242 to MP-259

0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

See Sheet 20

See Sheet 18

S024N041W

S024N040W

S023N043W

S023N042W

S023N041W

S023N040W

S022N043W

S022N042W

S022N041W

S022N040W

Moose Creek

MP-276

MP-275

MP-274

MP-273

MP-272

MP-271

MP-270

MP-269

MP-268

MP-267

MP-266

MP-265

MP-264

MP-263

MP-262

MP-261

MP-260

MP-259

MP-258

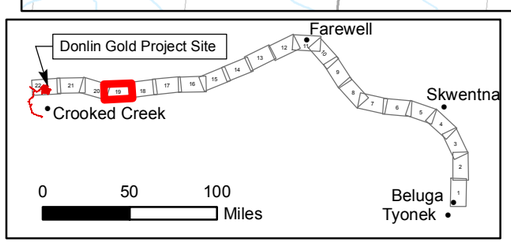
MS-57

MS-58

PSY-48

PSY-49

PSY-50



Coordinate System: NAD 1983 UTM Zone 5N
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -153.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-258 to MP-276

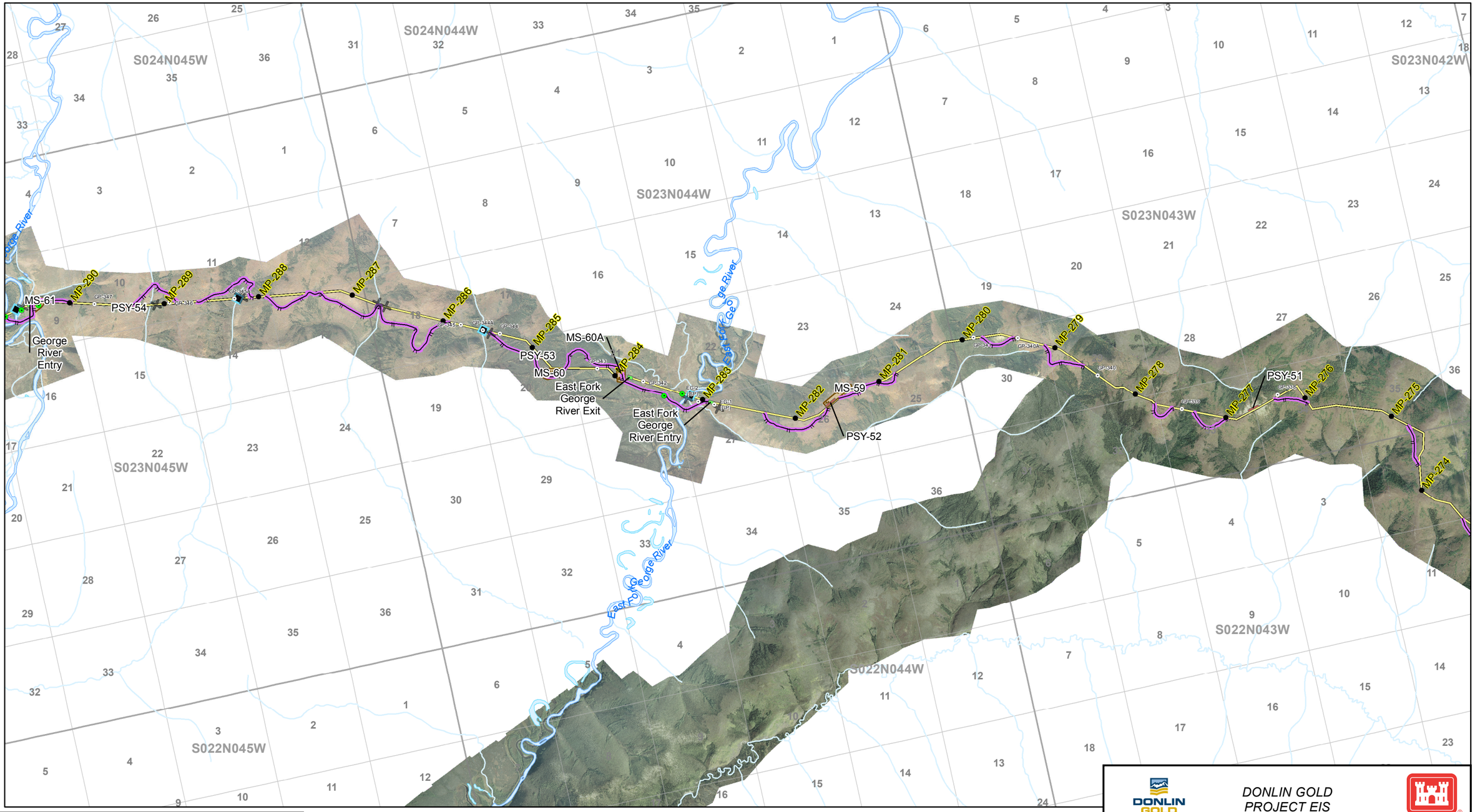
N

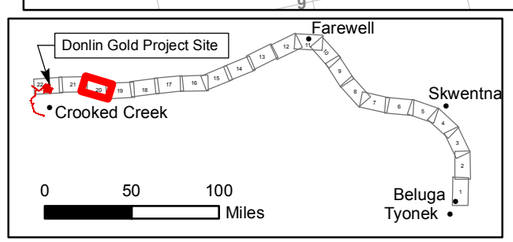
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE





Coordinate System: NAD 1983 UTM Zone 5N
Projection: Transverse Mercator
Datum: North American 1983
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False Northing: 0.0000
Central Meridian: -153.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-274 to MP-291

0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

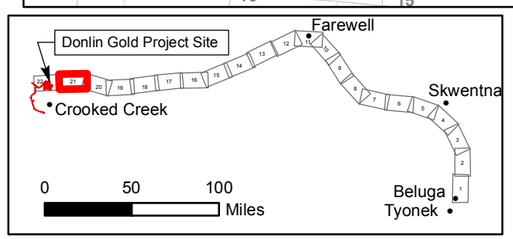
See Sheet 22

S024N048W
S024N047W
S024N046W
S024N045W
S023N048W
S023N047W
S023N046W
S023N045W
S022N047W
S022N046W
S022N045W

MP-306
MP-305
MP-304
MP-303
MP-302
MP-301
MP-300
MP-299
MP-298
MP-297
MP-296
PSY-55
MP-295
MP-294
MP-293
MP-292
MP-291
MP-290
PSY-54
PSY-56
MS-63
MS-62
MS-61A
MS-61

North Fork George River Entry
North Fork George River Exit
George River Exit
George River Entry
North Fork George River
George River

See Sheet 20



Coordinate System: NAD 1983 UTM Zone 5N
Projection: Transverse Mercator
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False Northing: 0.0000
Central Meridian: -153.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-289 to MP-307

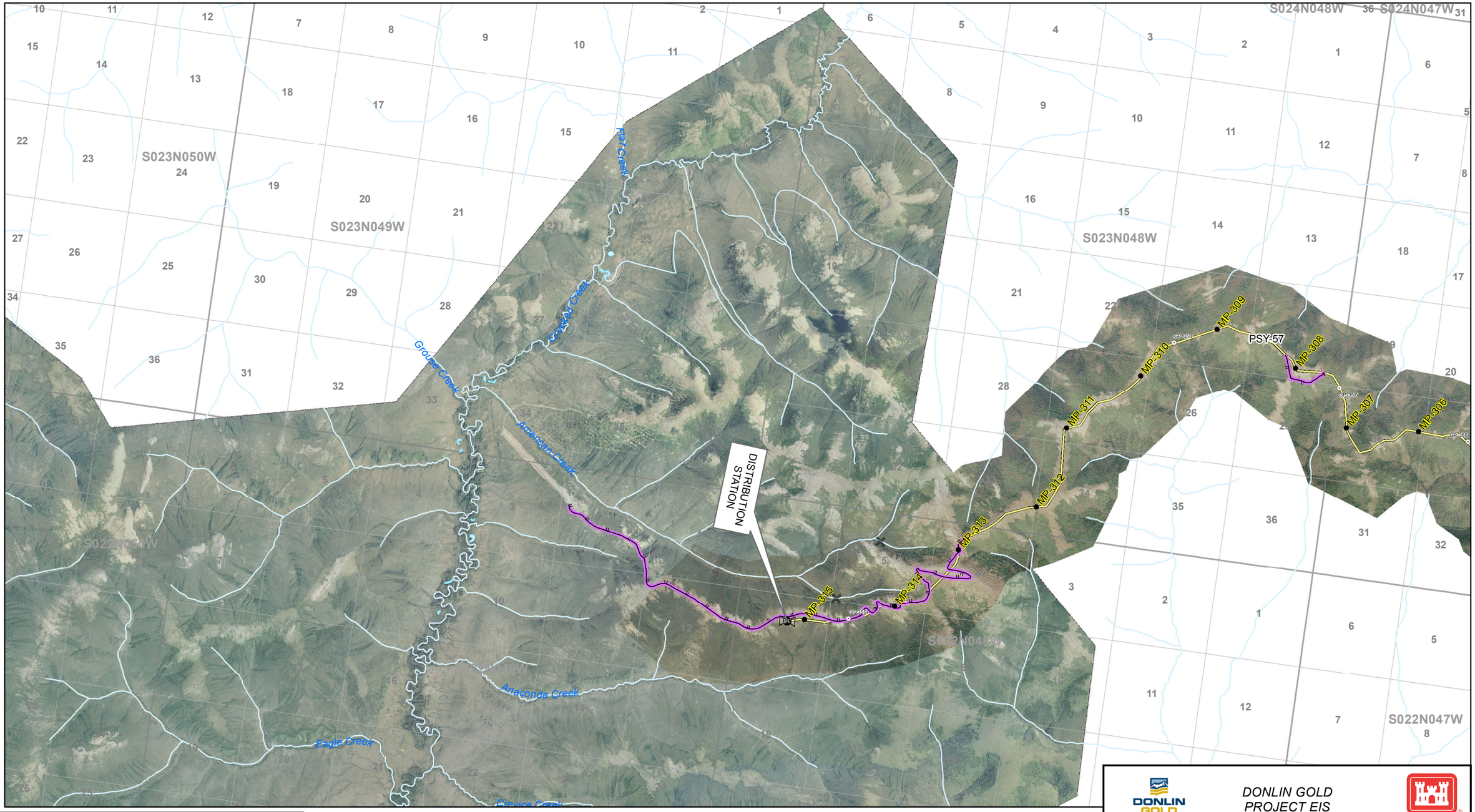
N

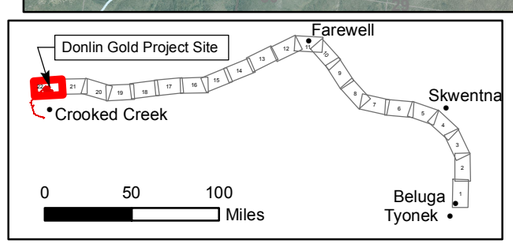
0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE





Coordinate System: NAD 1983 UTM Zone 5N
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -153.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

Data Sources: Donlin Gold 2013, USGS NHD 2013, ADNR 2013

MP-305 to MP-315

0 0.5 1 2 3 4 Miles

DONLIN GOLD

DONLIN GOLD PROJECT EIS

APPENDIX D
ALTERNATIVE 2 NATURAL GAS PIPELINE ALIGNMENT ENGINEERING AND CONSTRUCTION INFRASTRUCTURE

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