

Islamic Republic of Pakistan

The Ministry of Communications, National Highway Authority (NHA)

Data Collection Survey on Road Landslide Measures in Pakistan

Final Report Appendix

January 2019

Japan International Cooperation Agency

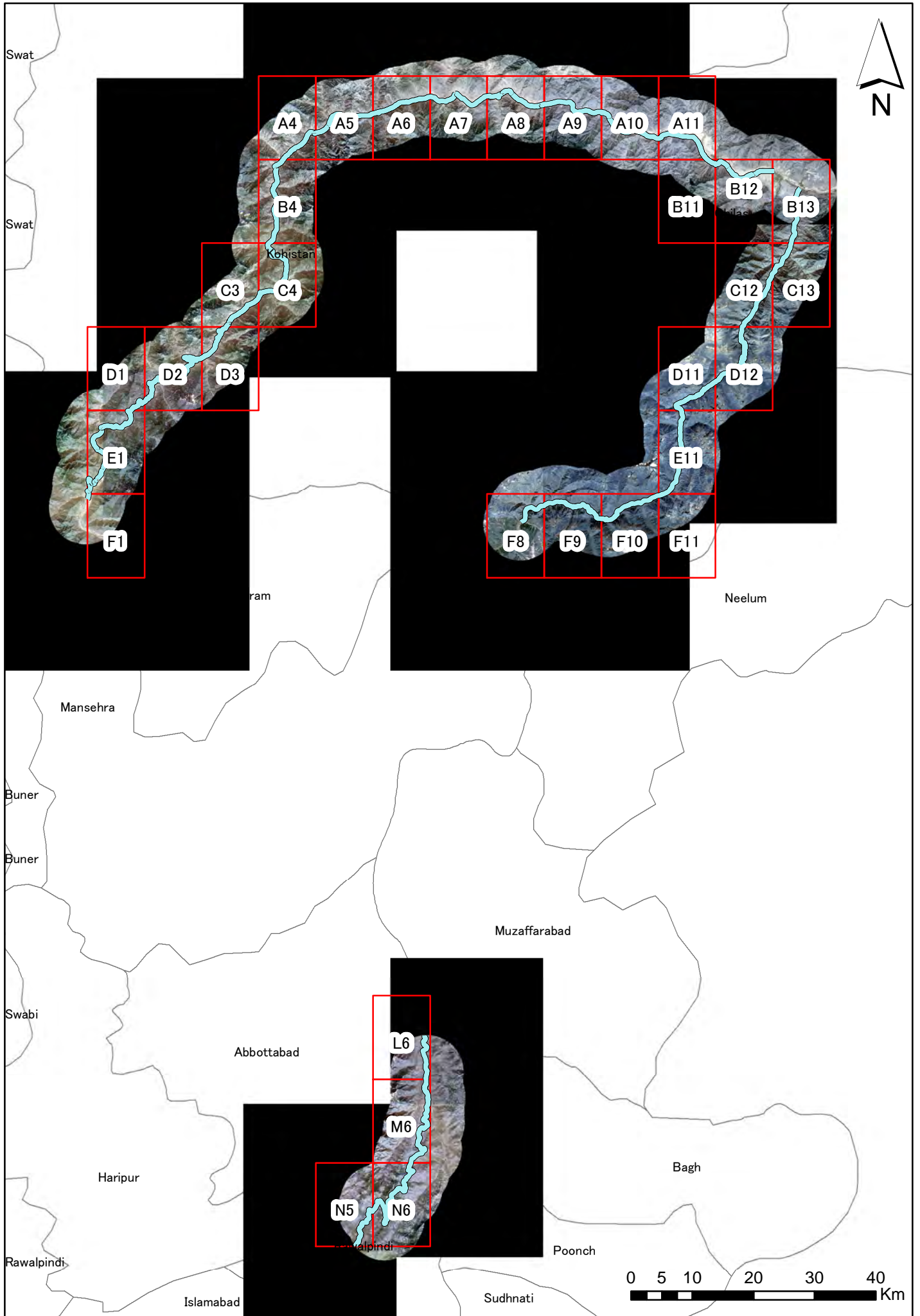
Kokusai Kogyo Co., Ltd.

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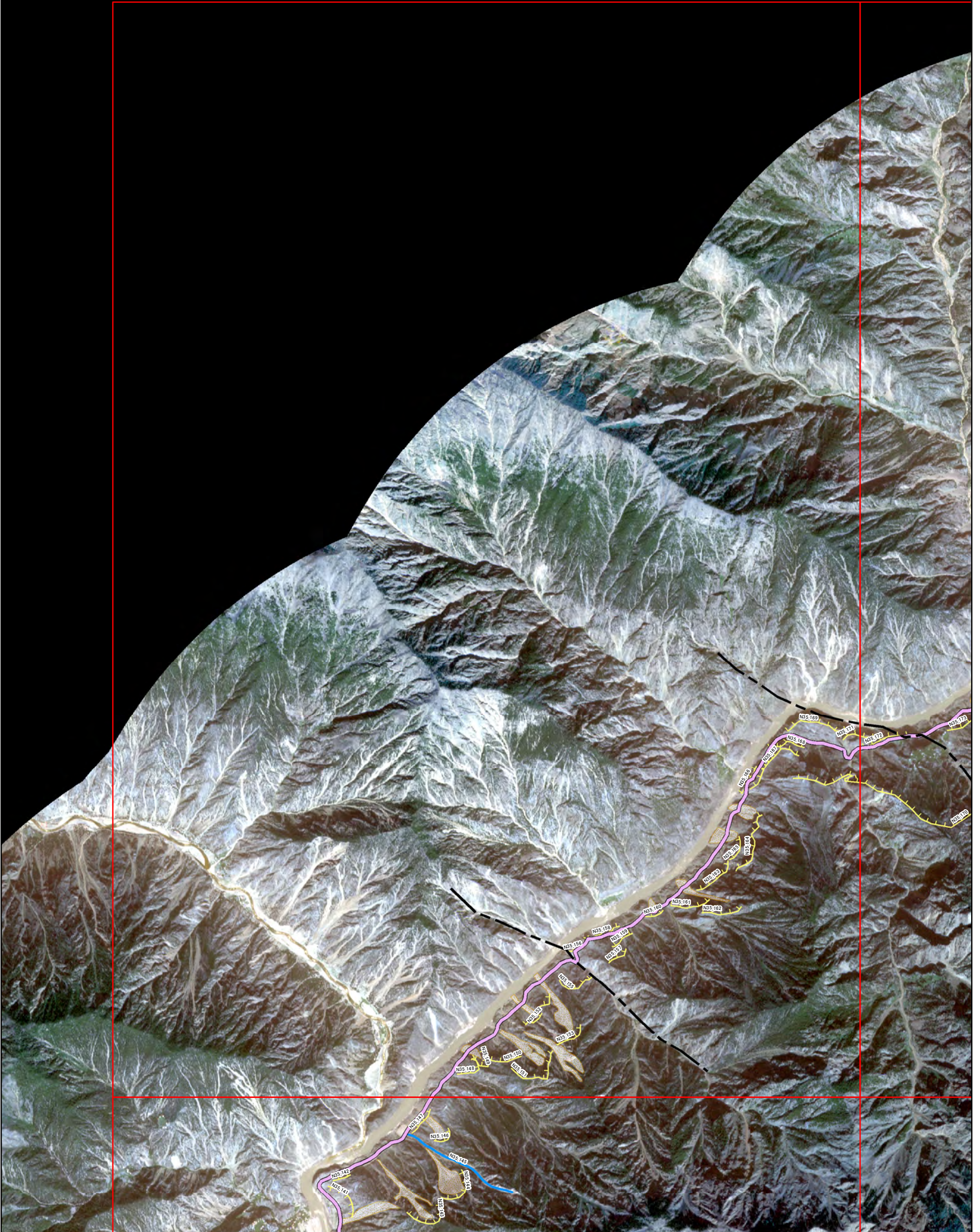
Appendix 1

Result of Topographic Interpretation








Area Map (N15_N35_N75)

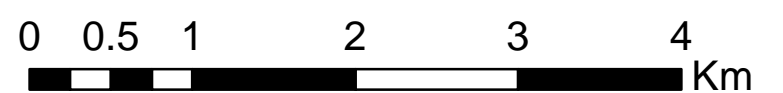


A4(N35)

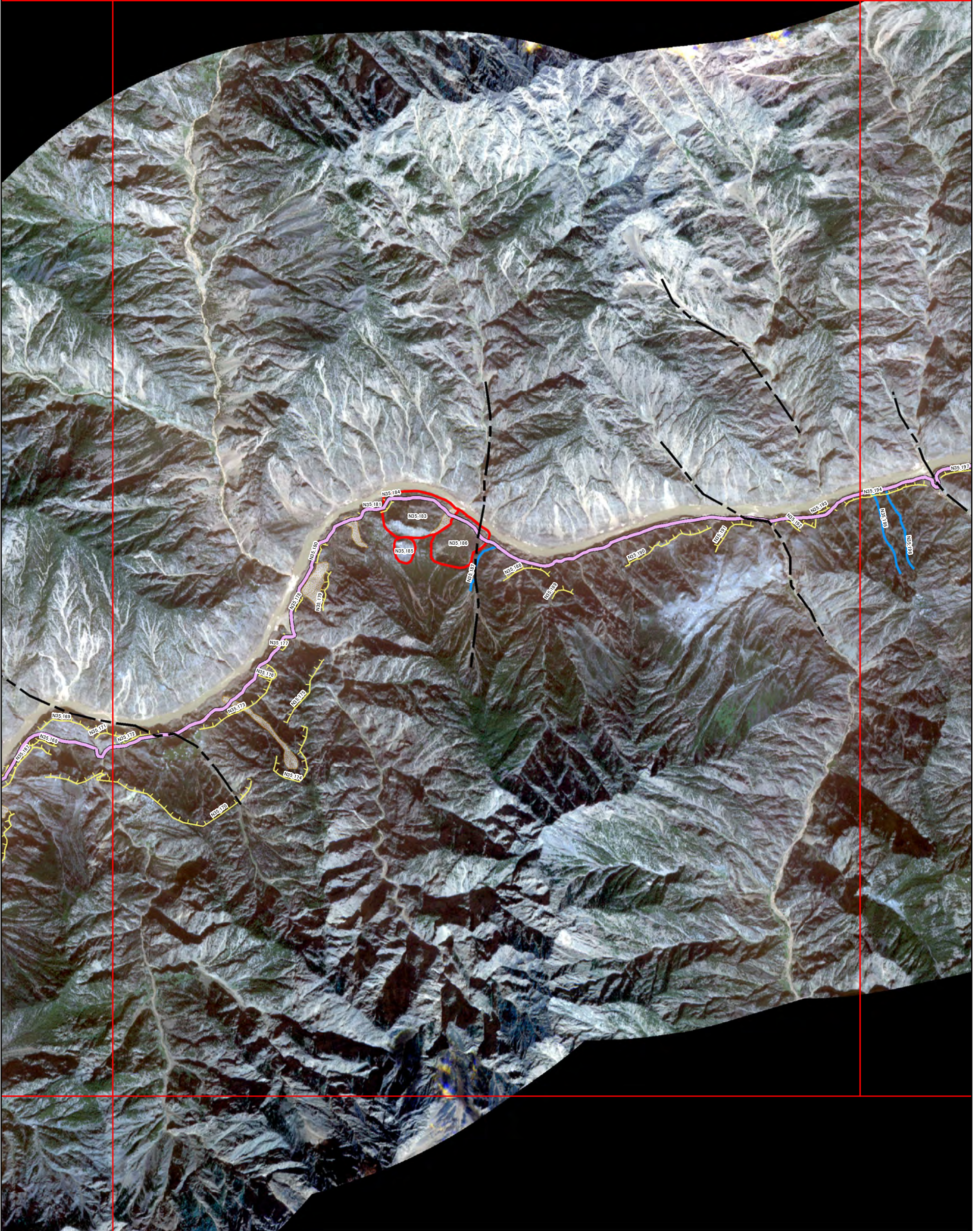


Legend

- | | | | |
|--|---|---|--|
|  Road |  Stream |  Lineament |  Alluvial Deposit |
|  Slope failure/Rockfall |  Landslide |  Talus Deposit | |

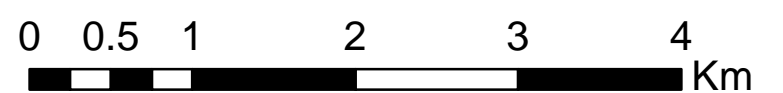


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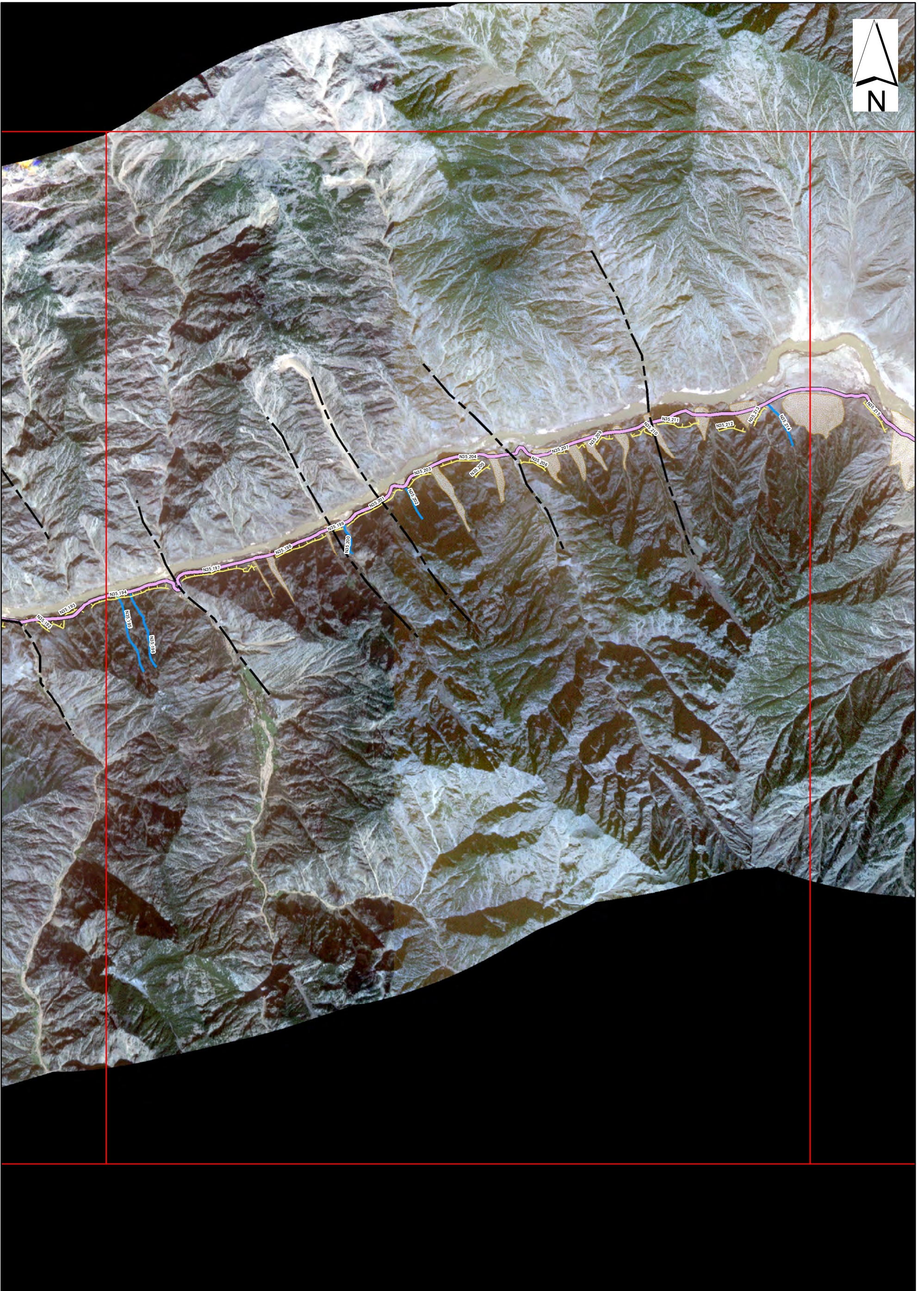


Legend

- | | | | |
|------------------------|-----------|---------------|------------------|
| Road | Stream | Lineament | Alluvial Deposit |
| Slope failure/Rockfall | Landslide | Talus Deposit | |



A6(N35)



Legend

- | | | | |
|------------------------|-----------|---------------|------------------|
| Road | Stream | Lineament | Alluvial Deposit |
| Slope failure/Rockfall | Landslide | Talus Deposit | |

0 0.5 1 2 3 4 Km

A7(N35)



Legend

- Road
- Stream
- Lineament
- Alluvial Deposit
- Slope failure/Rockfall
- Landslide
- Talus Deposit

0 0.5 1 2 3 4 Km

A8(N35)

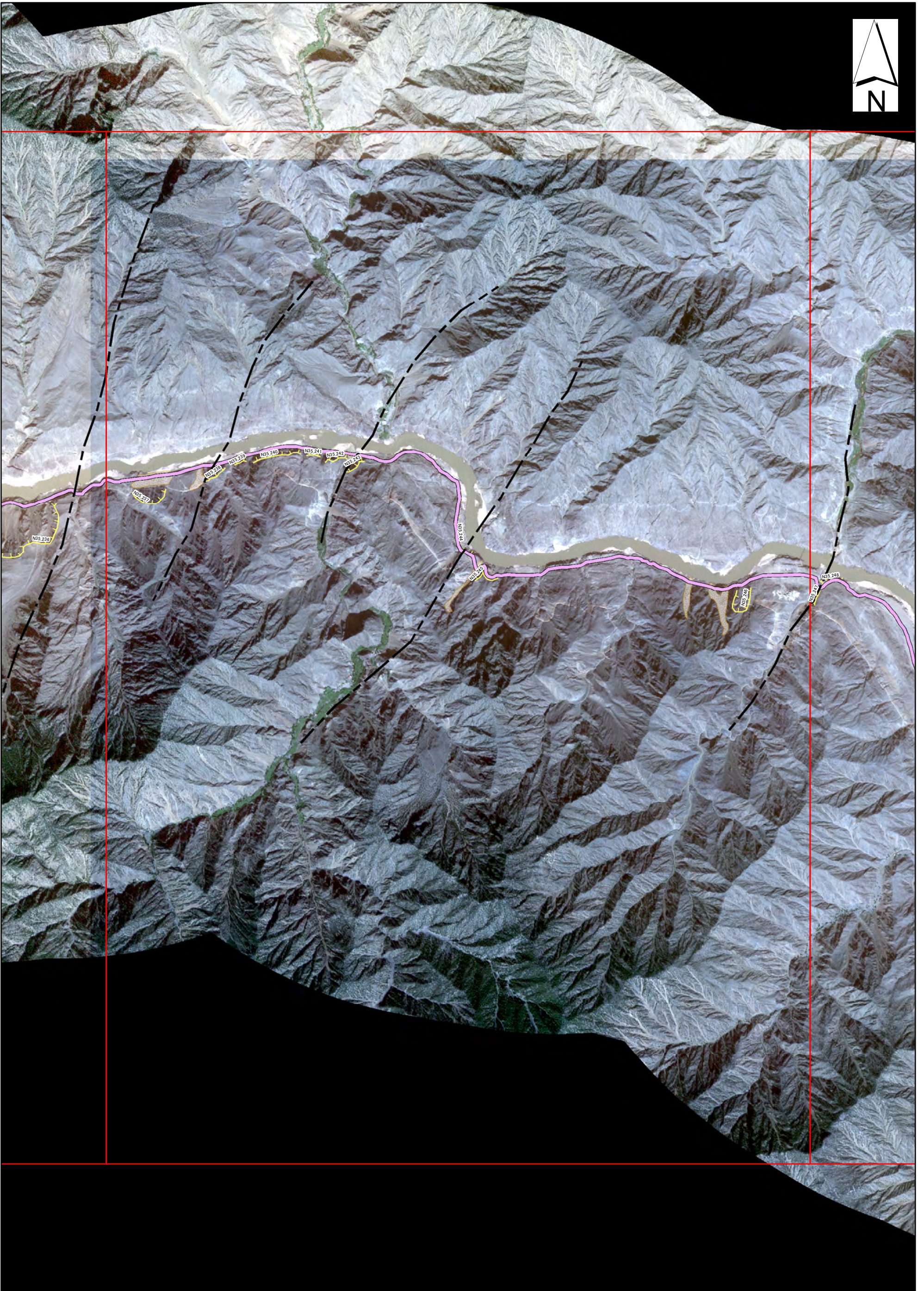


Legend

- Road
- Stream
- Lineament
- Alluvial Deposit
- Slope failure/Rockfall
- Landslide
- Talus Deposit

0 0.5 1 2 3 4 Km

A9(N35)

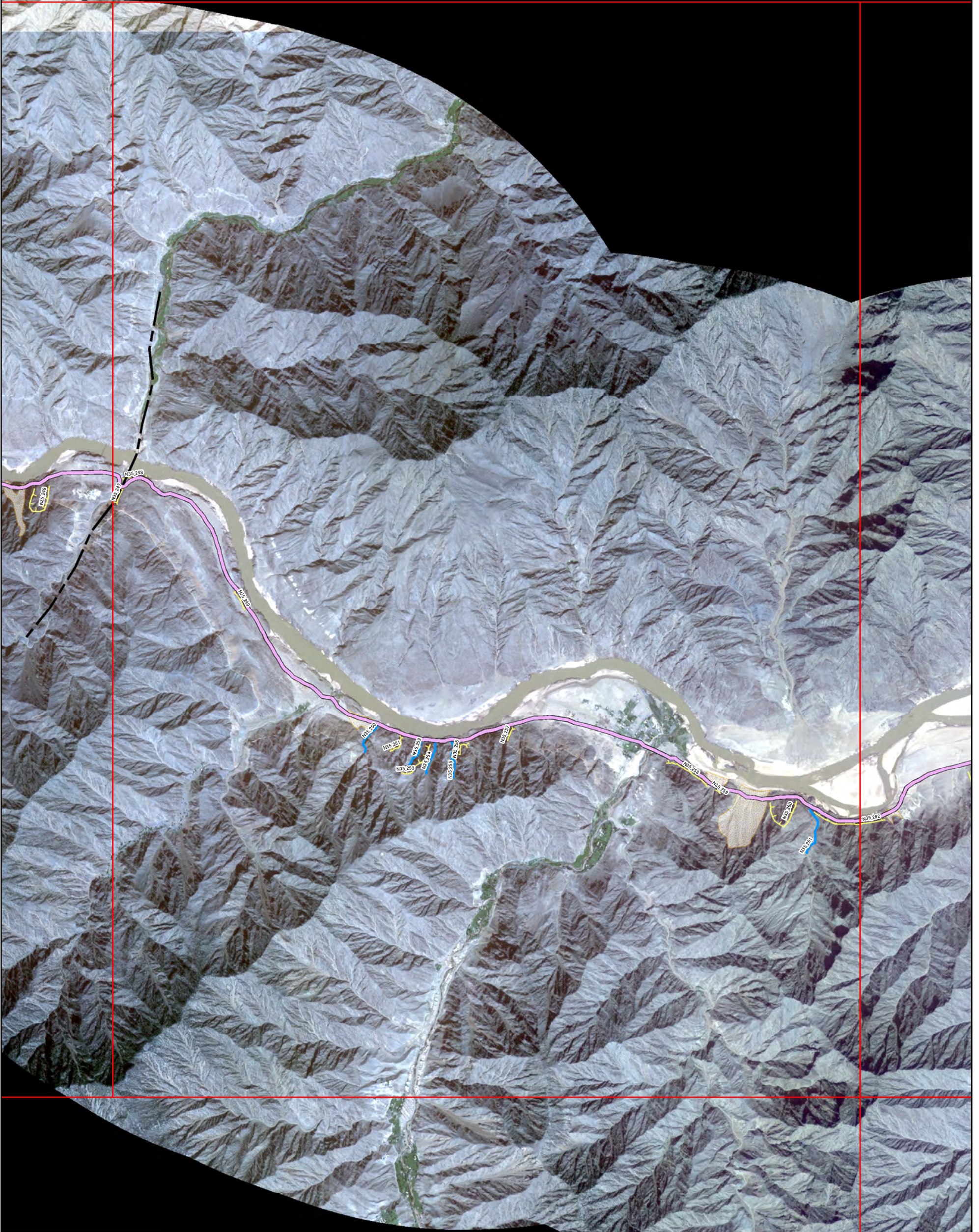


Legend








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|------------------------|-----------|---------------|------------------|
| Road | Stream | Lineament | Alluvial Deposit |
| Slope failure/Rockfall | Landslide | Talus Deposit | |

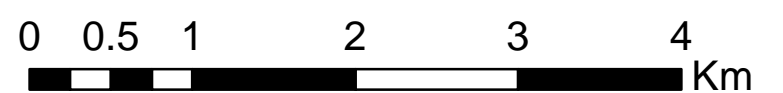
0 0.5 1 2 3 4 Km

A10(N35)



Legend

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|--|---|---|--|
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|  Slope failure/Rockfall |  Landslide |  Talus Deposit | |

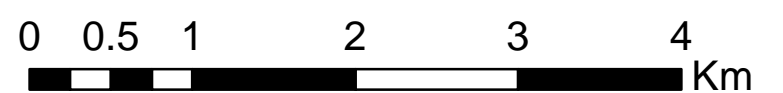


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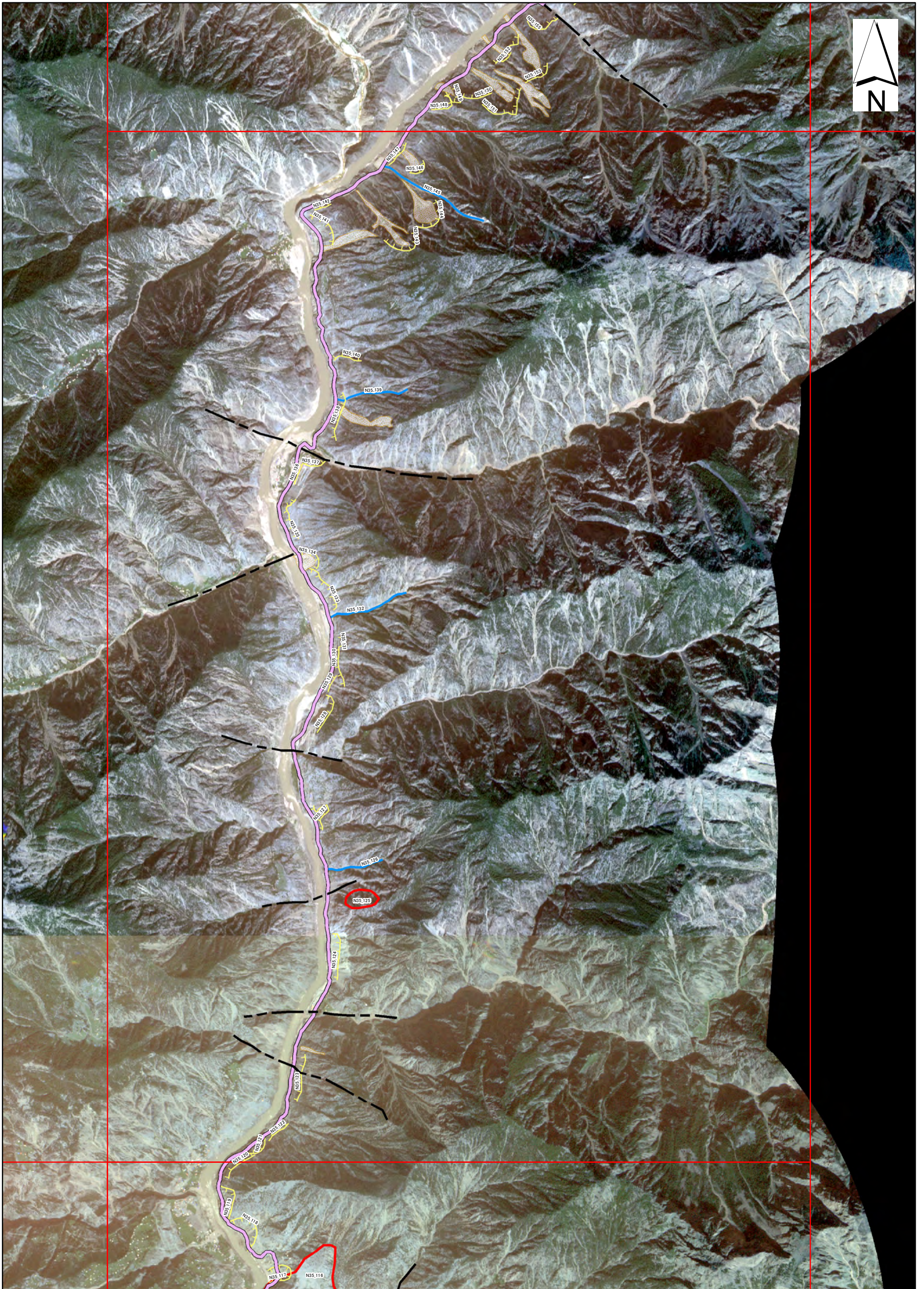


Legend





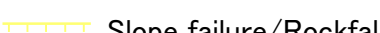
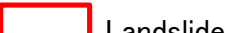
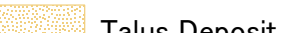
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| Road | Stream | Lineament | Alluvial Deposit |
| Slope failure/Rockfall | Landslide | Talus Deposit | |

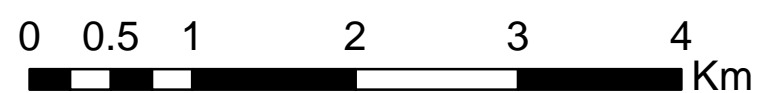


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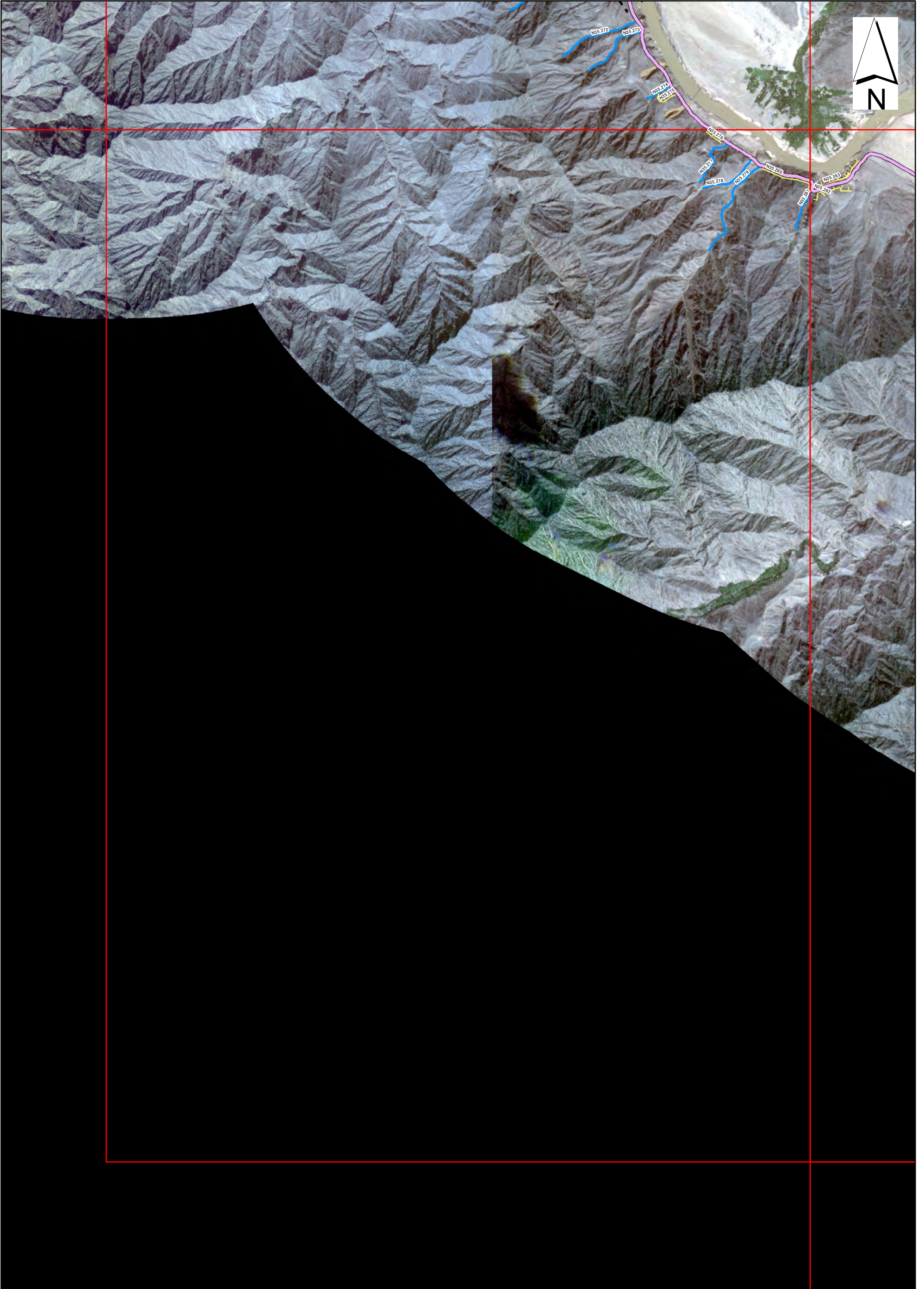


Legend








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|--|---|---|--|
|  Road |  Stream |  Lineament |  Alluvial Deposit |
|  Slope failure/Rockfall |  Landslide |  Talus Deposit | |

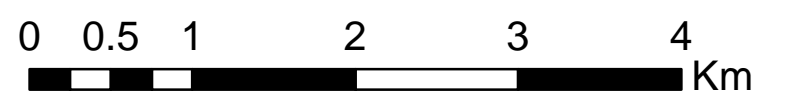


B11(N35)



Legend








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|--|---|---|--|
|  Road |  Stream |  Lineament |  Alluvial Deposit |
|  Slope failure/Rockfall |  Landslide |  Talus Deposit | |

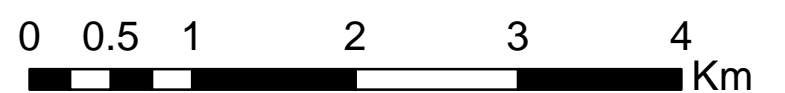


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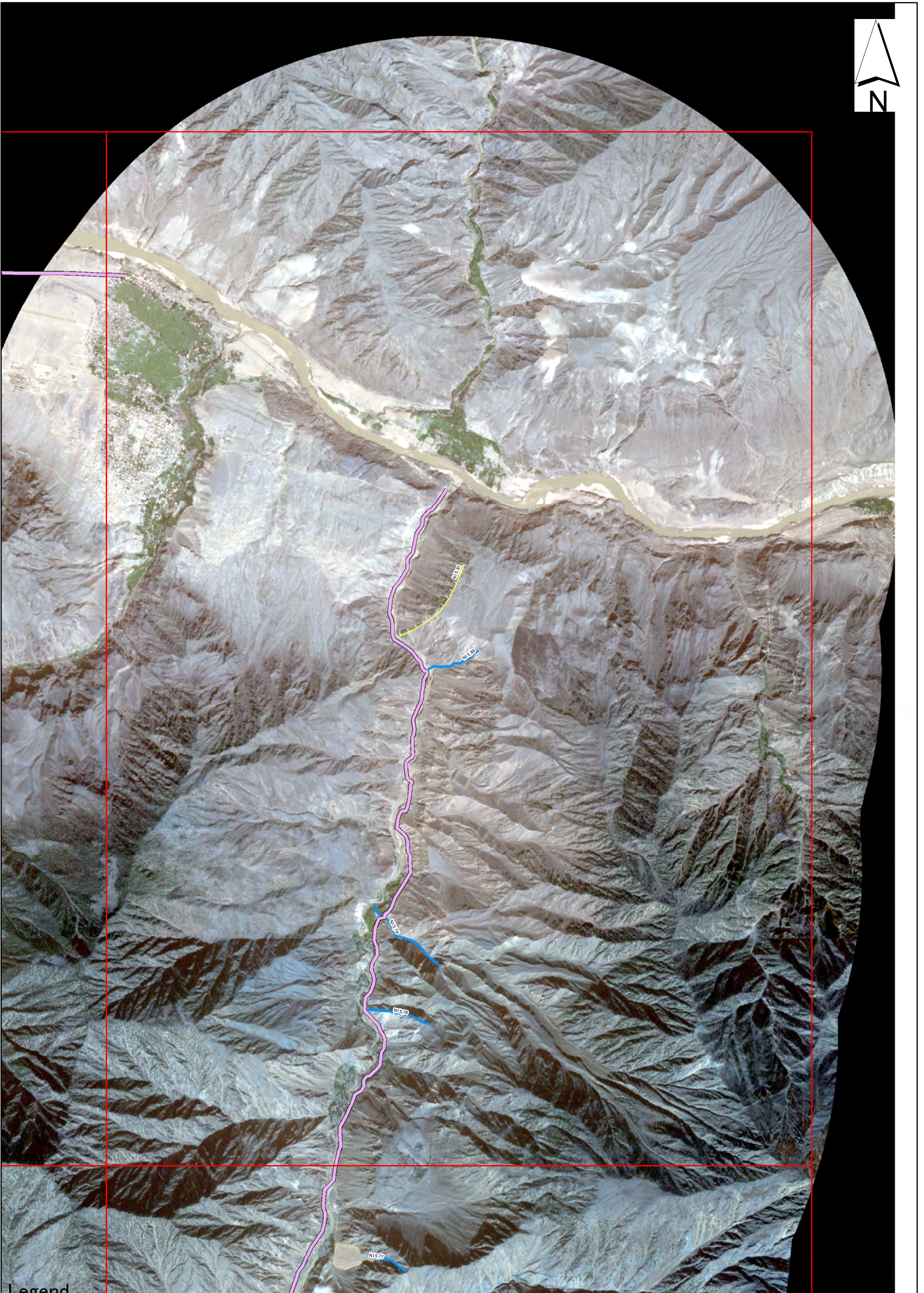


Legend




- | | | | |
|--|---|---|--|
|  Road |  Stream |  Lineament |  Alluvial Deposit |
|  Slope failure/Rockfall |  Landslide |  Talus Deposit | |

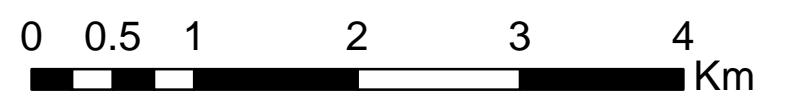


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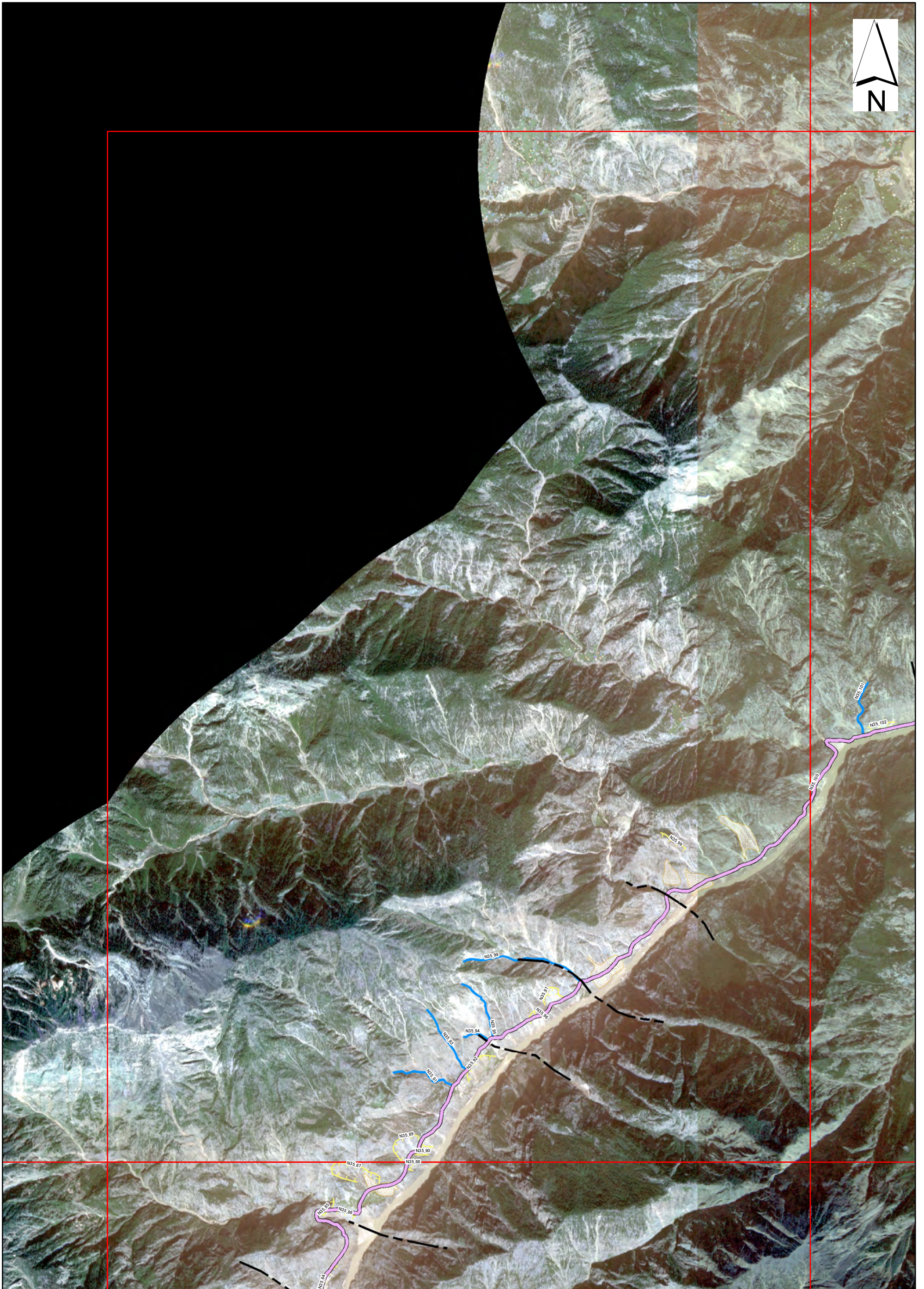


Legend








- | | | |
|--|---|--|
|  Road |  Stream |  Alluvial Deposit |
|  Slope failure/Rockfall |  Landslide |  Talus Deposit |

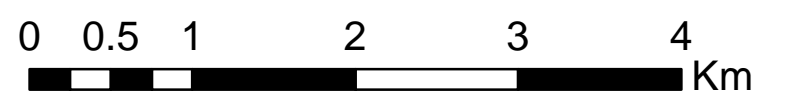


C3(N35)

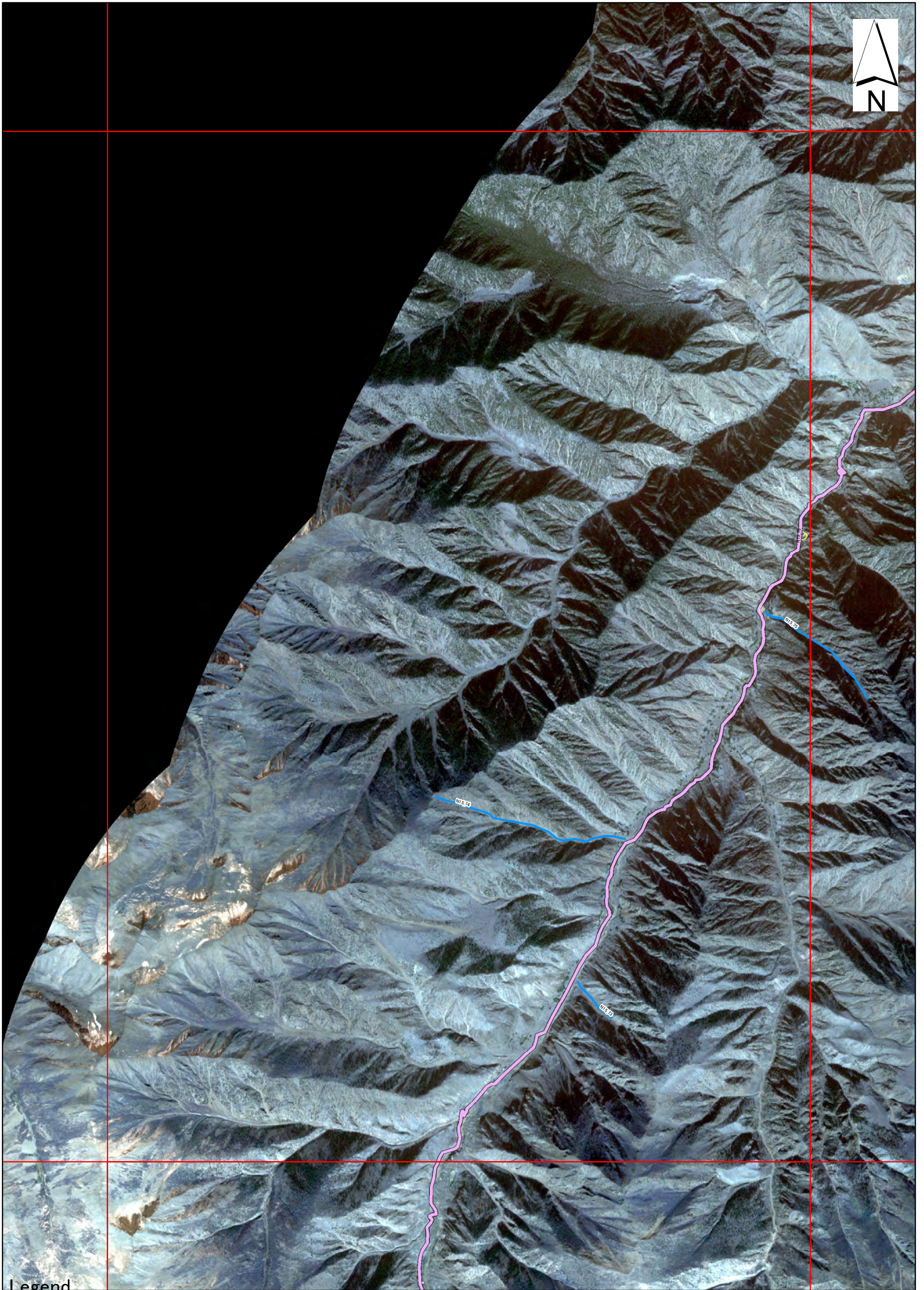


Legend







- | | | | |
|--|---|---|--|
|  Road |  Stream |  Lineament |  Alluvial Deposit |
|  Slope failure/Rockfall |  Landslide |  Talus Deposit | |



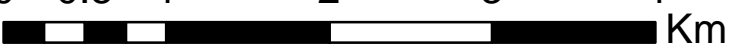
C12(N15)



Legend

- | | | |
|--|---|--|
|  Road |  Stream |  Alluvial Deposit |
|  Slope failure/Rockfall |  Landslide |  Talus Deposit |

0 0.5 1 2 3 4 Km



C13(N15)



Legend

- Road
- Stream
- Alluvial Deposit
- Slope failure/Rockfall
- Landslide
- Talus Deposit

