
APPENDIX I

Gog Range Project Target Generation Report

By
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Attn: David Evans, Contract Exploration Geologist and
Angela Lorrigan, General Manager Exploration

Unity Mining Limited
Level 10, 350 Collins Street
Melbourne Vic 3000

Dear David and Angela,

**RE: Gog Range Project (EL 26/2004 'Firetower', EL 31/2004 'Firetower East',
EL 34/2007 'Quamby Bluff', EL 2/2009 'Beulah'), Tasmania, Target Generation
Summary Report**

The outcrop and drilled core were inspected during a 2-day field visit to Firetower Prospect and core shed in Deloraine conducted by David Evans in May 2012. Massive gossanous and silicified rocks were observed on top of Fire Tower hill and on steep southern slope, near rehabilitated drill sites. The assayed gold in drill core appears associated with abundant pyrite in ~1-5 centimeter-thick quartz veins within ~5-10 meters-thick silicified and sericitic stockworks hosted in rhyolitic volcanics and subordinate black shale and fine grained sandstone.

The project exploration data, maps and geophysical and optical imagery were received from David Evans and Carolyn Timms.

The aerial photos, Quickbird and GoogleEarth satellite imagery and regional airborne magnetic imagery were overlain together with 1:25,000-scale geology sheets in MapInfo GIS and litho-structurally interpreted. The interpretation suggests that the E-W trending compressional segments of the Dundas Trough margin, along which Firetower and other prospects occur, were reactivated as dilational faults during a probable Mesozoic-Tertiary reactivation. This was inferred from the major northwest striking lineaments which sinistrally rotate N-S-striking fold axes and agrees with mapped Mesozoic sediments and Tertiary basalts.

The rock and soil surface geochemical samples over the entire project area were grouped and gold and copper values were Log-normalized and gridded. The most conspicuous surface copper and gold anomalies occur at Firetower, Firetower West, Gregory's Road and Lobster Rivulet prospects.

The Firetower and Firetower West gold and copper voxels (block models) were generated from drillhole data in Discover 3D using the Inverse Distance Weighting algorithm. The 1:25,000-scale topographic contours were edited locally to agree with drillhole RLs. The grade above cutoff was outlined on cross-sections to generate mineralized solids and constrain voxels. The modeled blocks were 2x2x2 meters.

The Firetower was modeled as several E-W-trending, subvertical or steeply south-dipping, ~100-250m long and 10-20m wide mineralized bodies comprising Au above 1 ppm cutoff, downhole composited to include 3 meter internal dilution, at 1 meter intervals (Appendix 1). The gold mineralization appears open down plunge within a steeply east-plunging shoot, ~100m along strike and up to ~50m wide.

The Firetower West was modeled as two parallel mineralized bodies, WNW-trending, steeply SSW-dipping, ~300m long and ~15m wide each, comprising Cu above 0.1% cutoff, downhole composited to include 3 meter internal dilution, at 1 meter intervals (Appendix 2). The copper mineralization appears open down plunge within a subvertically plunging shoot, ~100m along strike. Gold reported within the copper model generally does not correlate with copper and appears open along strike to the west.

The Firetower and Firetower West estimated resources are shown in Tables 1 and 2, below. The assumed density used in calculations was 2.7 g/cm³.

| Voxel | Volume (m ³) | Weight (t) | Mean Au (ppm) | Contained Au (Oz) |
|--------------------------------------|--------------------------|------------|---------------|-------------------|
| Firetower (+1 ppm Au cut-off) | 435,704 | 1,176,400 | 2.49 | 94,188 |

Table 1: Firetower voxel

| Voxel | Volume (m ³) | Weight (t) | Mean Cu (%) | Mean Au (ppm) | Contained Cu (t) | Contained Au (Oz) |
|-------------------------------------------|--------------------------|------------|-------------|---------------|------------------|-------------------|
| Firetower West (+0.1 % Cu cut-off) | 3,570,576 | 9,640,555 | 0.23 | 0.06 | 22,424 | 18,600 |

Table 2: Firetower West voxel

11 new drill holes, 350-500m long, totaling 4,950 meters in length were proposed to be drilled at Firetower, Firetower West, Gregory's Road and Lobster Rivulet prospects (Appendix 3). They were designed to test the possible subsurface extensions of the modeled mineralized trends. The collar locations were selected nearest to vehicle tracks and by taking into consideration logistic challenges due to steep terrain.

The proposed and historic drillholes, modeled assay data and mineralized block models (voxels) are illustrated in figures and 3D view captures, in appendices 4-17.

The signature of mineralized bodies on IP and ground magnetic imagery appears tentative.

The infill rock and soil geochemical sampling is recommended all along the Dundas Trough margin.

Please let me know should you require any further explanation of this work.

Best regards,

Drazen Vukovic

Appendix 1: Firetower - downhole composited assay data used in block modeling

| Hole_ID | mFrom | mTo | Au_plot_ppm | Interval | _1m_Interval |
|---------|-------|------|-------------|----------|--------------|
| FAT046 | 0 | 1 | 3.7886 | 3.1 | 1 |
| FAT046 | 1 | 2 | 3.7886 | 3.1 | 1 |
| FAT046 | 2 | 3 | 3.7886 | 3.1 | 1 |
| FAT046 | 3 | 4 | 0.37886 | 0.31 | 1 |
| FAT046 | 6 | 7 | 0.532605 | 2.16 | 1 |
| FAT046 | 7 | 8 | 1.77535 | 7.2 | 1 |
| FAT046 | 8 | 9 | 1.77535 | 7.2 | 1 |
| FAT046 | 9 | 10 | 1.77535 | 7.2 | 1 |
| FAT046 | 10 | 11 | 1.77535 | 7.2 | 1 |
| FAT046 | 11 | 12 | 1.77535 | 7.2 | 1 |
| FAT046 | 12 | 13 | 1.77535 | 7.2 | 1 |
| FAT046 | 13 | 13.9 | 1.77535 | 7.2 | 0.9 |
| FAT047 | 3.1 | 4.1 | 1.135 | 3.6 | 1 |
| FAT047 | 4.1 | 5.1 | 1.135 | 3.6 | 1 |
| FAT047 | 5.1 | 6.1 | 1.135 | 3.6 | 1 |
| FAT047 | 6.1 | 6.7 | 1.135 | 3.6 | 0.6 |
| FAT049 | 6.7 | 7.7 | 1.2593 | 3.6 | 1 |
| FAT049 | 7.7 | 8.7 | 1.2593 | 3.6 | 1 |
| FAT049 | 8.7 | 9.7 | 1.2593 | 3.6 | 1 |
| FAT049 | 9.7 | 10.3 | 1.2593 | 3.6 | 0.6 |
| FTD001 | 48 | 49 | 2.088 | 4 | 1 |
| FTD001 | 49 | 50 | 2.088 | 4 | 1 |
| FTD001 | 50 | 51 | 2.088 | 4 | 1 |
| FTD001 | 51 | 52 | 2.088 | 4 | 1 |
| FTD001 | 53 | 54 | 1.835 | 8 | 1 |
| FTD001 | 54 | 55 | 1.835 | 8 | 1 |
| FTD001 | 55 | 56 | 1.835 | 8 | 1 |
| FTD001 | 56 | 57 | 1.835 | 8 | 1 |
| FTD001 | 57 | 58 | 1.835 | 8 | 1 |
| FTD001 | 58 | 59 | 1.835 | 8 | 1 |
| FTD001 | 59 | 60 | 1.835 | 8 | 1 |
| FTD001 | 60 | 61 | 1.835 | 8 | 1 |
| FTD002 | 57 | 58 | 2.18 | 1 | 1 |
| FTD002 | 59 | 60 | 1.32 | 1 | 1 |
| FTD002 | 76 | 77 | 1.08 | 1 | 1 |
| FTD002 | 78 | 79 | 3.166667 | 3 | 1 |
| FTD002 | 79 | 80 | 3.166667 | 3 | 1 |
| FTD002 | 80 | 81 | 3.166667 | 3 | 1 |
| FTD003 | 57 | 58 | 3.23 | 1 | 1 |
| FTD003 | 68 | 69 | 1.22 | 1 | 1 |
| FTD003 | 70 | 71 | 1.25 | 1 | 1 |

| | | | | | |
|--------|-----|-----|----------|----|---|
| FTD003 | 74 | 75 | 7.69 | 2 | 1 |
| FTD003 | 75 | 76 | 7.69 | 2 | 1 |
| FTD003 | 89 | 90 | 1.426 | 5 | 1 |
| FTD003 | 90 | 91 | 1.426 | 5 | 1 |
| FTD003 | 91 | 92 | 1.426 | 5 | 1 |
| FTD003 | 92 | 93 | 1.426 | 5 | 1 |
| FTD003 | 93 | 94 | 1.426 | 5 | 1 |
| FTD003 | 104 | 105 | 1.796667 | 3 | 1 |
| FTD003 | 105 | 106 | 1.796667 | 3 | 1 |
| FTD003 | 106 | 107 | 1.796667 | 3 | 1 |
| FTD004 | 44 | 45 | 1.655 | 2 | 1 |
| FTD004 | 45 | 46 | 1.655 | 2 | 1 |
| FTD004 | 48 | 49 | 1.458333 | 6 | 1 |
| FTD004 | 49 | 50 | 1.458333 | 6 | 1 |
| FTD004 | 50 | 51 | 1.458333 | 6 | 1 |
| FTD004 | 51 | 52 | 1.458333 | 6 | 1 |
| FTD004 | 52 | 53 | 1.458333 | 6 | 1 |
| FTD004 | 53 | 54 | 1.458333 | 6 | 1 |
| FTD004 | 69 | 70 | 1.755 | 2 | 1 |
| FTD004 | 70 | 71 | 1.755 | 2 | 1 |
| FTD004 | 140 | 141 | 2.7 | 3 | 1 |
| FTD004 | 141 | 142 | 2.7 | 3 | 1 |
| FTD004 | 142 | 143 | 2.7 | 3 | 1 |
| FTD004 | 144 | 145 | 1.4 | 1 | 1 |
| FTD005 | 38 | 39 | 2.565 | 2 | 1 |
| FTD005 | 39 | 40 | 2.565 | 2 | 1 |
| FTD005 | 41 | 42 | 1.12 | 2 | 1 |
| FTD005 | 42 | 43 | 1.12 | 2 | 1 |
| FTD005 | 45 | 46 | 1.694444 | 9 | 1 |
| FTD005 | 46 | 47 | 1.694444 | 9 | 1 |
| FTD005 | 47 | 48 | 1.694444 | 9 | 1 |
| FTD005 | 48 | 49 | 1.694444 | 9 | 1 |
| FTD005 | 49 | 50 | 1.694444 | 9 | 1 |
| FTD005 | 50 | 51 | 1.694444 | 9 | 1 |
| FTD005 | 51 | 52 | 1.694444 | 9 | 1 |
| FTD005 | 52 | 53 | 1.694444 | 9 | 1 |
| FTD005 | 53 | 54 | 1.694444 | 9 | 1 |
| FTD005 | 55 | 56 | 4.004545 | 11 | 1 |
| FTD005 | 56 | 57 | 4.004545 | 11 | 1 |
| FTD005 | 57 | 58 | 4.004545 | 11 | 1 |
| FTD005 | 58 | 59 | 4.004545 | 11 | 1 |
| FTD005 | 59 | 60 | 4.004545 | 11 | 1 |
| FTD005 | 60 | 61 | 4.004545 | 11 | 1 |
| FTD005 | 61 | 62 | 4.004545 | 11 | 1 |

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|--------|------|------|----------|------|-----|
| FTD005 | 62 | 63 | 4.004545 | 11 | 1 |
| FTD005 | 63 | 64 | 4.004545 | 11 | 1 |
| FTD005 | 64 | 65 | 4.004545 | 11 | 1 |
| FTD005 | 65 | 66 | 4.004545 | 11 | 1 |
| FTD005 | 73 | 74 | 2.5 | 1 | 1 |
| FTD005 | 76 | 77 | 1.3 | 1 | 1 |
| FTD006 | 32.2 | 33.2 | 2.339474 | 3.8 | 1 |
| FTD006 | 33.2 | 34.2 | 2.339474 | 3.8 | 1 |
| FTD006 | 34.2 | 35.2 | 2.339474 | 3.8 | 1 |
| FTD006 | 35.2 | 36.2 | 1.871579 | 3.04 | 1 |
| FTD006 | 39.2 | 40.2 | 0.348 | 0.4 | 1 |
| FTD006 | 40.2 | 41.2 | 1.74 | 2 | 1 |
| FTD006 | 41.2 | 42.2 | 1.392 | 1.6 | 1 |
| FTD006 | 44.2 | 45.2 | 0.53 | 0.4 | 1 |
| FTD006 | 45.2 | 46.2 | 2.65 | 2 | 1 |
| FTD006 | 46.2 | 47.2 | 2.12 | 1.6 | 1 |
| FTD006 | 48.2 | 49.2 | 0.459143 | 1.4 | 1 |
| FTD006 | 49.2 | 50.2 | 2.295714 | 7 | 1 |
| FTD006 | 50.2 | 51.2 | 2.295714 | 7 | 1 |
| FTD006 | 51.2 | 52.2 | 2.295714 | 7 | 1 |
| FTD006 | 52.2 | 53.2 | 2.295714 | 7 | 1 |
| FTD006 | 53.2 | 54.2 | 2.295714 | 7 | 1 |
| FTD006 | 54.2 | 55.2 | 2.295714 | 7 | 1 |
| FTD006 | 55.2 | 56 | 2.295714 | 7 | 0.8 |
| FTD007 | 18 | 19 | 1.3 | 1 | 1 |
| FTD007 | 23 | 24 | 1.17 | 1 | 1 |
| FTD007 | 37 | 38 | 1.764 | 5 | 1 |
| FTD007 | 38 | 39 | 1.764 | 5 | 1 |
| FTD007 | 39 | 40 | 1.764 | 5 | 1 |
| FTD007 | 40 | 41 | 1.764 | 5 | 1 |
| FTD007 | 41 | 42 | 1.764 | 5 | 1 |
| FTD007 | 43 | 44 | 1.84 | 1 | 1 |
| FTD007 | 57 | 58 | 1.89 | 2 | 1 |
| FTD007 | 58 | 59 | 1.89 | 2 | 1 |
| FTD007 | 70 | 71 | 1.2625 | 4 | 1 |
| FTD007 | 71 | 72 | 1.2625 | 4 | 1 |
| FTD007 | 72 | 73 | 1.2625 | 4 | 1 |
| FTD007 | 73 | 74 | 1.2625 | 4 | 1 |
| FTD007 | 76 | 77 | 1.09 | 1 | 1 |
| FTD007 | 78 | 79 | 1.66 | 1 | 1 |
| FTD008 | 23 | 24 | 1.24 | 1 | 1 |
| FTD008 | 43 | 44 | 1.86 | 2 | 1 |
| FTD008 | 44 | 45 | 1.86 | 2 | 1 |
| FTD008 | 57 | 58 | 8.85 | 1 | 1 |

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|--------|----|----|----------|------|---|
| FTD008 | 62 | 63 | 1.63 | 1 | 1 |
| FTD008 | 88 | 89 | 10.8 | 1 | 1 |
| FTD008 | 92 | 93 | 5.476667 | 3 | 1 |
| FTD008 | 93 | 94 | 5.476667 | 3 | 1 |
| FTD008 | 94 | 95 | 5.476667 | 3 | 1 |
| FTD009 | 59 | 60 | 3 | 1 | 1 |
| FTD011 | 6 | 7 | 1.22 | 1 | 1 |
| FTD011 | 9 | 10 | 1.58 | 1 | 1 |
| FTD011 | 28 | 29 | 1.53 | 1 | 1 |
| FTD011 | 48 | 49 | 1.4075 | 4 | 1 |
| FTD011 | 49 | 50 | 1.4075 | 4 | 1 |
| FTD011 | 50 | 51 | 1.4075 | 4 | 1 |
| FTD011 | 51 | 52 | 1.4075 | 4 | 1 |
| FTD011 | 63 | 64 | 3.3 | 1 | 1 |
| FTD012 | 82 | 83 | 1.15 | 1 | 1 |
| FTD013 | 21 | 22 | 1.59 | 1 | 1 |
| FTD013 | 23 | 24 | 3.1 | 4.5 | 1 |
| FTD013 | 24 | 25 | 3.1 | 4.5 | 1 |
| FTD013 | 25 | 26 | 3.1 | 4.5 | 1 |
| FTD013 | 26 | 27 | 3.1 | 4.5 | 1 |
| FTD013 | 27 | 28 | 1.55 | 2.25 | 1 |
| FTD013 | 32 | 33 | 2.885333 | 15 | 1 |
| FTD013 | 33 | 34 | 2.885333 | 15 | 1 |
| FTD013 | 34 | 35 | 2.885333 | 15 | 1 |
| FTD013 | 35 | 36 | 2.885333 | 15 | 1 |
| FTD013 | 36 | 37 | 2.885333 | 15 | 1 |
| FTD013 | 37 | 38 | 2.885333 | 15 | 1 |
| FTD013 | 38 | 39 | 2.885333 | 15 | 1 |
| FTD013 | 39 | 40 | 2.885333 | 15 | 1 |
| FTD013 | 40 | 41 | 2.885333 | 15 | 1 |
| FTD013 | 41 | 42 | 2.885333 | 15 | 1 |
| FTD013 | 42 | 43 | 2.885333 | 15 | 1 |
| FTD013 | 43 | 44 | 2.885333 | 15 | 1 |
| FTD013 | 44 | 45 | 2.885333 | 15 | 1 |
| FTD013 | 45 | 46 | 2.885333 | 15 | 1 |
| FTD013 | 46 | 47 | 2.885333 | 15 | 1 |
| FTD014 | 1 | 2 | 2.047143 | 14 | 1 |
| FTD014 | 2 | 3 | 2.047143 | 14 | 1 |
| FTD014 | 3 | 4 | 2.047143 | 14 | 1 |
| FTD014 | 4 | 5 | 2.047143 | 14 | 1 |
| FTD014 | 5 | 6 | 2.047143 | 14 | 1 |
| FTD014 | 6 | 7 | 2.047143 | 14 | 1 |
| FTD014 | 7 | 8 | 2.047143 | 14 | 1 |
| FTD014 | 8 | 9 | 2.047143 | 14 | 1 |

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|--------|----|----|----------|----|---|
| FTD014 | 9 | 10 | 2.047143 | 14 | 1 |
| FTD014 | 10 | 11 | 2.047143 | 14 | 1 |
| FTD014 | 11 | 12 | 2.047143 | 14 | 1 |
| FTD014 | 12 | 13 | 2.047143 | 14 | 1 |
| FTD014 | 13 | 14 | 2.047143 | 14 | 1 |
| FTD014 | 14 | 15 | 2.047143 | 14 | 1 |
| FTD014 | 18 | 19 | 1.99 | 1 | 1 |
| FTD014 | 37 | 38 | 1.65 | 2 | 1 |
| FTD014 | 38 | 39 | 1.65 | 2 | 1 |
| FTD015 | 1 | 2 | 2.126667 | 9 | 1 |
| FTD015 | 2 | 3 | 2.126667 | 9 | 1 |
| FTD015 | 3 | 4 | 2.126667 | 9 | 1 |
| FTD015 | 4 | 5 | 2.126667 | 9 | 1 |
| FTD015 | 5 | 6 | 2.126667 | 9 | 1 |
| FTD015 | 6 | 7 | 2.126667 | 9 | 1 |
| FTD015 | 7 | 8 | 2.126667 | 9 | 1 |
| FTD015 | 8 | 9 | 2.126667 | 9 | 1 |
| FTD015 | 9 | 10 | 2.126667 | 9 | 1 |
| FTD015 | 26 | 27 | 2.19 | 1 | 1 |
| FTD016 | 6 | 7 | 1.06 | 1 | 1 |
| FTD016 | 16 | 17 | 1.2 | 1 | 1 |
| FTD016 | 25 | 26 | 1.84 | 2 | 1 |
| FTD016 | 26 | 27 | 1.84 | 2 | 1 |
| FTD016 | 31 | 32 | 1.99 | 1 | 1 |
| FTD016 | 53 | 54 | 1.02 | 1 | 1 |
| FTD016 | 56 | 57 | 1.11 | 2 | 1 |
| FTD016 | 57 | 58 | 1.11 | 2 | 1 |
| FTD016 | 59 | 60 | 2.55 | 1 | 1 |
| FTD017 | 7 | 8 | 1.47 | 1 | 1 |
| FTD017 | 13 | 14 | 1.66 | 3 | 1 |
| FTD017 | 14 | 15 | 1.66 | 3 | 1 |
| FTD017 | 15 | 16 | 1.66 | 3 | 1 |
| FTD017 | 17 | 18 | 1.704286 | 7 | 1 |
| FTD017 | 18 | 19 | 1.704286 | 7 | 1 |
| FTD017 | 19 | 20 | 1.704286 | 7 | 1 |
| FTD017 | 20 | 21 | 1.704286 | 7 | 1 |
| FTD017 | 21 | 22 | 1.704286 | 7 | 1 |
| FTD017 | 22 | 23 | 1.704286 | 7 | 1 |
| FTD017 | 23 | 24 | 1.704286 | 7 | 1 |
| FTD018 | 0 | 1 | 1.71 | 4 | 1 |
| FTD018 | 1 | 2 | 1.71 | 4 | 1 |
| FTD018 | 2 | 3 | 1.71 | 4 | 1 |
| FTD018 | 3 | 4 | 1.71 | 4 | 1 |
| FTD019 | 60 | 61 | 1.65 | 2 | 1 |

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|--------|------|------|----------|------|-----|
| FTD019 | 61 | 62 | 1.65 | 2 | 1 |
| FTD019 | 63 | 64 | 1.29 | 1 | 1 |
| FTD019 | 97 | 98 | 2.495 | 1 | 1 |
| FTD019 | 98 | 99 | 1.506667 | 0.75 | 1 |
| FTD019 | 99 | 100 | 3.013333 | 1.5 | 1 |
| FTD022 | 40.2 | 41.2 | 1.208 | 0.64 | 1 |
| FTD022 | 81.2 | 82.2 | 1.001556 | 1.8 | 1 |
| FTD022 | 82.2 | 83.2 | 5.007778 | 9 | 1 |
| FTD022 | 83.2 | 84.2 | 5.007778 | 9 | 1 |
| FTD022 | 84.2 | 85.2 | 5.007778 | 9 | 1 |
| FTD022 | 85.2 | 86.2 | 5.007778 | 9 | 1 |
| FTD022 | 86.2 | 87.2 | 5.007778 | 9 | 1 |
| FTD022 | 87.2 | 88.2 | 5.007778 | 9 | 1 |
| FTD022 | 88.2 | 89.2 | 5.007778 | 9 | 1 |
| FTD022 | 89.2 | 90.2 | 5.007778 | 9 | 1 |
| FTD022 | 90.2 | 91.2 | 4.006222 | 7.2 | 1 |
| FTD022 | 91.2 | 92.2 | 0.648 | 0.48 | 1 |
| FTD022 | 92.2 | 93 | 1.62 | 1.2 | 0.8 |
| FTD023 | 0.9 | 1.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 1.9 | 2.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 2.9 | 3.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 3.9 | 4.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 4.9 | 5.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 5.9 | 6.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 6.9 | 7.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 7.9 | 8.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 8.9 | 9.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 9.9 | 10.9 | 6.197327 | 10.1 | 1 |
| FTD023 | 10.9 | 11.9 | 0.619733 | 1.01 | 1 |
| FTD023 | 22.9 | 23.9 | 2.709 | 0.9 | 1 |
| FTD023 | 23.9 | 24.9 | 0.301 | 0.1 | 1 |
| FTD023 | 37.9 | 38.9 | 3.141 | 0.9 | 1 |
| FTD023 | 38.9 | 39 | 3.49 | 1 | 0.1 |
| FTD024 | 0 | 1 | 11.4 | 1 | 1 |
| FTD024 | 11 | 12 | 0.51 | 0.5 | 1 |
| FTD024 | 12 | 13 | 0.51 | 0.5 | 1 |
| FTD024 | 19 | 20 | 1.104 | 5 | 1 |
| FTD024 | 20 | 21 | 1.104 | 5 | 1 |
| FTD024 | 21 | 22 | 1.104 | 5 | 1 |
| FTD024 | 22 | 23 | 1.104 | 5 | 1 |
| FTD024 | 23 | 24 | 1.104 | 5 | 1 |
| FTD024 | 26 | 27 | 2.725 | 2 | 1 |
| FTD024 | 27 | 28 | 2.725 | 2 | 1 |
| FTD024 | 31 | 32 | 2.178333 | 3 | 1 |

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|--------|------|------|----------|------|-----|
| FTD024 | 32 | 33 | 2.178333 | 3 | 1 |
| FTD024 | 33 | 34 | 2.178333 | 3 | 1 |
| FTD024 | 35 | 36 | 0.567167 | 0.24 | 1 |
| FTD024 | 36 | 37 | 2.835833 | 1.2 | 1 |
| FTD024 | 38 | 38.5 | 2.52 | 0.5 | 0.5 |
| FTD025 | 0 | 1 | 4.52 | 4 | 1 |
| FTD025 | 1 | 2 | 4.52 | 4 | 1 |
| FTD025 | 2 | 3 | 4.52 | 4 | 1 |
| FTD025 | 3 | 4 | 4.52 | 4 | 1 |
| FTD025 | 7 | 8 | 1.793333 | 3 | 1 |
| FTD025 | 8 | 9 | 1.793333 | 3 | 1 |
| FTD025 | 9 | 10 | 1.793333 | 3 | 1 |
| FTD025 | 20 | 21 | 1.79 | 1 | 1 |
| FTD025 | 28 | 29 | 1.125 | 2 | 1 |
| FTD025 | 29 | 30 | 1.125 | 2 | 1 |
| FTD025 | 42 | 43 | 6.03 | 2 | 1 |
| FTD025 | 43 | 44 | 6.03 | 2 | 1 |
| FTD025 | 45 | 46 | 1.746667 | 3 | 1 |
| FTD025 | 46 | 47 | 1.746667 | 3 | 1 |
| FTD025 | 47 | 48 | 1.746667 | 3 | 1 |
| FTD025 | 50 | 51 | 2.49 | 1 | 1 |
| FTD026 | 5 | 6 | 4.56 | 1 | 1 |
| FTD026 | 12 | 13 | 2.19 | 1 | 1 |
| FTD026 | 46 | 47 | 2.69 | 2 | 1 |
| FTD026 | 47 | 48 | 2.69 | 2 | 1 |
| FTD026 | 49 | 50 | 2.39 | 1 | 1 |
| FTD026 | 52 | 53 | 5.68 | 1 | 1 |
| FTD026 | 55 | 56 | 3.45 | 1 | 1 |
| FTD026 | 57 | 58 | 1.204909 | 1.76 | 1 |
| FTD026 | 58 | 59 | 3.012273 | 4.4 | 1 |
| FTD026 | 59 | 60 | 3.012273 | 4.4 | 1 |
| FTD026 | 60 | 61 | 3.012273 | 4.4 | 1 |
| FTD026 | 61 | 62 | 3.012273 | 4.4 | 1 |
| FTD026 | 79 | 80 | 1.71 | 2 | 1 |
| FTD026 | 80 | 81 | 1.71 | 2 | 1 |
| FTD027 | 0.7 | 1.7 | 1.702609 | 2.3 | 1 |
| FTD027 | 1.7 | 2.7 | 1.702609 | 2.3 | 1 |
| FTD027 | 2.7 | 3.7 | 0.510783 | 0.69 | 1 |
| FTD027 | 3.7 | 4.7 | 1.477 | 1.4 | 1 |
| FTD027 | 4.7 | 5.7 | 2.11 | 2 | 1 |
| FTD027 | 5.7 | 6.7 | 0.633 | 0.6 | 1 |
| FTD027 | 9.7 | 10.7 | 0.924 | 0.7 | 1 |
| FTD027 | 10.7 | 11.7 | 0.396 | 0.3 | 1 |
| FTD027 | 12.7 | 13.7 | 0.728 | 0.7 | 1 |

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|----------|------|------|----------|-----|-----|
| FTD027 | 13.7 | 14.7 | 0.312 | 0.3 | 1 |
| FTD027 | 18.7 | 19.7 | 0.82425 | 1.4 | 1 |
| FTD027 | 19.7 | 20.7 | 1.1775 | 2 | 1 |
| FTD027 | 20.7 | 21.7 | 0.35325 | 0.6 | 1 |
| FTD027 | 27.7 | 28.7 | 1.43129 | 3.5 | 1 |
| FTD027 | 28.7 | 29.7 | 2.0447 | 5 | 1 |
| FTD027 | 29.7 | 30.7 | 2.0447 | 5 | 1 |
| FTD027 | 30.7 | 31.7 | 2.0447 | 5 | 1 |
| FTD027 | 31.7 | 32.7 | 2.0447 | 5 | 1 |
| FTD027 | 32.7 | 33.7 | 0.61341 | 1.5 | 1 |
| FTD027 | 34.7 | 35.7 | 2.177 | 0.7 | 1 |
| FTD027 | 35.7 | 36 | 3.11 | 1 | 0.3 |
| FTD028 | 46 | 47 | 1.07 | 1 | 1 |
| FTD028 | 52 | 53 | 1 | 1 | 1 |
| FTD028 | 63 | 64 | 2.585 | 4 | 1 |
| FTD028 | 64 | 65 | 2.585 | 4 | 1 |
| FTD028 | 65 | 66 | 2.585 | 4 | 1 |
| FTD028 | 66 | 67 | 2.585 | 4 | 1 |
| FTD028 | 125 | 126 | 1.215 | 2 | 1 |
| FTD028 | 126 | 127 | 1.215 | 2 | 1 |
| FTD029 | 30 | 31 | 1.22 | 1 | 1 |
| FTD029 | 43 | 44 | 3.545 | 2 | 1 |
| FTD029 | 44 | 45 | 3.545 | 2 | 1 |
| FTD029 | 46 | 47 | 2.225 | 4 | 1 |
| FTD029 | 47 | 48 | 2.225 | 4 | 1 |
| FTD029 | 48 | 49 | 2.225 | 4 | 1 |
| FTD029 | 49 | 50 | 2.225 | 4 | 1 |
| FTD029 | 56 | 57 | 3.716667 | 3 | 1 |
| FTD029 | 57 | 58 | 3.716667 | 3 | 1 |
| FTD029 | 58 | 59 | 3.716667 | 3 | 1 |
| FTD029 | 66 | 67 | 1.31 | 1 | 1 |
| FTD029 | 73 | 74 | 14.32 | 1.2 | 1 |
| FTD029 | 74 | 74.2 | 14.32 | 1.2 | 0.2 |
| FTD030 | 60 | 61 | 1.1 | 1 | 1 |
| FTD030 | 68 | 69 | 1.01 | 1 | 1 |
| FTD031 | 22 | 23 | 1.05 | 1 | 1 |
| GP-90-01 | 0 | 1 | 2.005417 | 24 | 1 |
| GP-90-01 | 1 | 2 | 2.005417 | 24 | 1 |
| GP-90-01 | 2 | 3 | 2.005417 | 24 | 1 |
| GP-90-01 | 3 | 4 | 2.005417 | 24 | 1 |
| GP-90-01 | 4 | 5 | 2.005417 | 24 | 1 |
| GP-90-01 | 5 | 6 | 2.005417 | 24 | 1 |
| GP-90-01 | 6 | 7 | 2.005417 | 24 | 1 |
| GP-90-01 | 7 | 8 | 2.005417 | 24 | 1 |

| | | | | | |
|----------|----|----|----------|----|---|
| GP-90-01 | 8 | 9 | 2.005417 | 24 | 1 |
| GP-90-01 | 9 | 10 | 2.005417 | 24 | 1 |
| GP-90-01 | 10 | 11 | 2.005417 | 24 | 1 |
| GP-90-01 | 11 | 12 | 2.005417 | 24 | 1 |
| GP-90-01 | 12 | 13 | 2.005417 | 24 | 1 |
| GP-90-01 | 13 | 14 | 2.005417 | 24 | 1 |
| GP-90-01 | 14 | 15 | 2.005417 | 24 | 1 |
| GP-90-01 | 15 | 16 | 2.005417 | 24 | 1 |
| GP-90-01 | 16 | 17 | 2.005417 | 24 | 1 |
| GP-90-01 | 17 | 18 | 2.005417 | 24 | 1 |
| GP-90-01 | 18 | 19 | 2.005417 | 24 | 1 |
| GP-90-01 | 19 | 20 | 2.005417 | 24 | 1 |
| GP-90-01 | 20 | 21 | 2.005417 | 24 | 1 |
| GP-90-01 | 21 | 22 | 2.005417 | 24 | 1 |
| GP-90-01 | 22 | 23 | 2.005417 | 24 | 1 |
| GP-90-01 | 23 | 24 | 2.005417 | 24 | 1 |
| GP-90-02 | 10 | 11 | 4.53 | 1 | 1 |
| GP-90-02 | 19 | 20 | 1.45 | 2 | 1 |
| GP-90-02 | 20 | 21 | 1.45 | 2 | 1 |
| GP-90-02 | 24 | 25 | 1.07 | 1 | 1 |
| GP-90-03 | 3 | 4 | 1.56 | 1 | 1 |
| GP-90-03 | 5 | 6 | 4.04 | 3 | 1 |
| GP-90-03 | 6 | 7 | 4.04 | 3 | 1 |
| GP-90-03 | 7 | 8 | 4.04 | 3 | 1 |
| GP-90-03 | 12 | 13 | 3.55 | 6 | 1 |
| GP-90-03 | 13 | 14 | 3.55 | 6 | 1 |
| GP-90-03 | 14 | 15 | 3.55 | 6 | 1 |
| GP-90-03 | 15 | 16 | 3.55 | 6 | 1 |
| GP-90-03 | 16 | 17 | 3.55 | 6 | 1 |
| GP-90-03 | 17 | 18 | 3.55 | 6 | 1 |
| GP-90-03 | 19 | 20 | 3.04 | 2 | 1 |
| GP-90-03 | 20 | 21 | 3.04 | 2 | 1 |
| GP-90-05 | 20 | 21 | 3.75 | 1 | 1 |
| GP-90-05 | 22 | 23 | 1.22 | 1 | 1 |
| GP-90-05 | 25 | 26 | 1.04 | 1 | 1 |
| GP-90-06 | 23 | 24 | 1.19 | 1 | 1 |
| GP-90-06 | 25 | 26 | 1.24 | 1 | 1 |
| GP-90-06 | 27 | 28 | 2.41 | 1 | 1 |
| GP-90-07 | 2 | 3 | 2.118889 | 9 | 1 |
| GP-90-07 | 3 | 4 | 2.118889 | 9 | 1 |
| GP-90-07 | 4 | 5 | 2.118889 | 9 | 1 |
| GP-90-07 | 5 | 6 | 2.118889 | 9 | 1 |
| GP-90-07 | 6 | 7 | 2.118889 | 9 | 1 |
| GP-90-07 | 7 | 8 | 2.118889 | 9 | 1 |

| | | | | | |
|----------|----|-------|----------|------|------|
| GP-90-07 | 8 | 9 | 2.118889 | 9 | 1 |
| GP-90-07 | 9 | 10 | 2.118889 | 9 | 1 |
| GP-90-07 | 10 | 11 | 2.118889 | 9 | 1 |
| GP-90-08 | 0 | 1 | 1.29 | 3 | 1 |
| GP-90-08 | 1 | 2 | 1.29 | 3 | 1 |
| GP-90-08 | 2 | 3 | 1.29 | 3 | 1 |
| GP-90-09 | 29 | 30 | 1.06 | 1.45 | 1 |
| GP-90-09 | 30 | 30.45 | 1.06 | 1.45 | 0.45 |
| GP-90-10 | 7 | 8 | 6.337857 | 14 | 1 |
| GP-90-10 | 8 | 9 | 6.337857 | 14 | 1 |
| GP-90-10 | 9 | 10 | 6.337857 | 14 | 1 |
| GP-90-10 | 10 | 11 | 6.337857 | 14 | 1 |
| GP-90-10 | 11 | 12 | 6.337857 | 14 | 1 |
| GP-90-10 | 12 | 13 | 6.337857 | 14 | 1 |
| GP-90-10 | 13 | 14 | 6.337857 | 14 | 1 |
| GP-90-10 | 14 | 15 | 6.337857 | 14 | 1 |
| GP-90-10 | 15 | 16 | 6.337857 | 14 | 1 |
| GP-90-10 | 16 | 17 | 6.337857 | 14 | 1 |
| GP-90-10 | 17 | 18 | 6.337857 | 14 | 1 |
| GP-90-10 | 18 | 19 | 6.337857 | 14 | 1 |
| GP-90-10 | 19 | 20 | 6.337857 | 14 | 1 |
| GP-90-10 | 20 | 21 | 6.337857 | 14 | 1 |
| GP-90-10 | 23 | 24 | 1.74 | 1 | 1 |
| GP-90-11 | 16 | 17 | 1.176667 | 3 | 1 |
| GP-90-11 | 17 | 18 | 1.176667 | 3 | 1 |
| GP-90-11 | 18 | 19 | 1.176667 | 3 | 1 |
| GP-90-12 | 20 | 21 | 1.09 | 1 | 1 |
| GP-90-14 | 9 | 10 | 1.19 | 1 | 1 |
| GP-90-14 | 13 | 14 | 1.31 | 1 | 1 |
| GP-90-16 | 28 | 29 | 2.189091 | 2.75 | 1 |
| GP-90-16 | 29 | 30 | 2.189091 | 2.75 | 1 |
| GP-90-16 | 30 | 30.75 | 2.189091 | 2.75 | 0.75 |
| GP-90-17 | 21 | 22 | 1.37 | 1 | 1 |
| GP-90-17 | 25 | 26 | 1.19 | 1 | 1 |
| GP-90-17 | 28 | 29 | 1.29 | 1 | 1 |

Appendix 2: Firetower West - downhole composited assay data used in block modeling

| Hole_ID | mFrom | mTo | Au_plot_ppm | Cu_ppm | Interval | _1mInterval |
|---------|-------|------|-------------|----------|----------|-------------|
| FAT029 | 13.9 | 14.9 | 0.0826 | 1144.5 | 7.2 | 1 |
| FAT029 | 14.9 | 15.9 | 0.0826 | 1144.5 | 7.2 | 1 |
| FAT029 | 15.9 | 16.9 | 0.0826 | 1144.5 | 7.2 | 1 |
| FAT029 | 16.9 | 17.9 | 0.0826 | 1144.5 | 7.2 | 1 |
| FAT029 | 17.9 | 18.9 | 0.0826 | 1144.5 | 7.2 | 1 |
| FAT029 | 18.9 | 19.9 | 0.0826 | 1144.5 | 7.2 | 1 |
| FAT029 | 19.9 | 20.9 | 0.0826 | 1144.5 | 7.2 | 1 |
| FAT029 | 20.9 | 21.1 | 0.0826 | 1144.5 | 7.2 | 0.2 |
| FAT031 | 17.5 | 18.5 | 0.105 | 1486 | 3.6 | 1 |
| FAT031 | 18.5 | 19.5 | 0.105 | 1486 | 3.6 | 1 |
| FAT031 | 19.5 | 20.5 | 0.105 | 1486 | 3.6 | 1 |
| FAT031 | 20.5 | 21.1 | 0.105 | 1486 | 3.6 | 0.6 |
| FTD032 | 33 | 34 | 0.009 | 1462 | 2 | 1 |
| FTD032 | 34 | 35 | 0.009 | 1462 | 2 | 1 |
| FTD032 | 53 | 54 | 0.04 | 1974 | 1 | 1 |
| FTD032 | 59 | 60 | 0.44 | 1371.5 | 2 | 1 |
| FTD032 | 60 | 61 | 0.44 | 1371.5 | 2 | 1 |
| FTD032 | 87 | 88 | 0.84 | 2287 | 1 | 1 |
| FTD032 | 92 | 93 | 0.3 | 1227 | 1 | 1 |
| FTD032 | 95 | 96 | 0.22 | 1003 | 1 | 1 |
| FTD032 | 103 | 104 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 104 | 105 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 105 | 106 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 106 | 107 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 107 | 108 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 108 | 109 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 109 | 110 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 110 | 111 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 111 | 112 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 112 | 113 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 113 | 114 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 114 | 115 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 115 | 116 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 116 | 117 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 117 | 118 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 118 | 119 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 119 | 120 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 120 | 121 | 0.125 | 1944.833 | 18 | 1 |
| FTD032 | 126 | 127 | 0.03 | 1048 | 1 | 1 |
| FTD032 | 130 | 131 | 0.02 | 1235 | 1 | 1 |
| FTD033 | 4.2 | 5.2 | 0.18 | 1072 | 3 | 1 |

| | | | | | | |
|--------|------|------|----------|----------|------|---|
| FTD033 | 5.2 | 6.2 | 0.18 | 1072 | 3 | 1 |
| FTD033 | 6.2 | 7.2 | 0.18 | 1072 | 3 | 1 |
| FTD033 | 11.2 | 12.2 | 0.004917 | 468.57 | 1.2 | 1 |
| FTD033 | 12.2 | 13.2 | 0.024583 | 2342.85 | 6 | 1 |
| FTD033 | 13.2 | 14.2 | 0.024583 | 2342.85 | 6 | 1 |
| FTD033 | 14.2 | 15.2 | 0.024583 | 2342.85 | 6 | 1 |
| FTD033 | 15.2 | 16.2 | 0.024583 | 2342.85 | 6 | 1 |
| FTD033 | 16.2 | 17.2 | 0.024583 | 2342.85 | 6 | 1 |
| FTD033 | 17.2 | 18.2 | 0.019667 | 1874.28 | 4.8 | 1 |
| FTD033 | 24.2 | 25.2 | 0.00312 | 246.32 | 1 | 1 |
| FTD033 | 25.2 | 26.2 | 0.0156 | 1231.6 | 5 | 1 |
| FTD033 | 26.2 | 27.2 | 0.0156 | 1231.6 | 5 | 1 |
| FTD033 | 27.2 | 28.2 | 0.0156 | 1231.6 | 5 | 1 |
| FTD033 | 28.2 | 29.2 | 0.0156 | 1231.6 | 5 | 1 |
| FTD033 | 29.2 | 30.2 | 0.01248 | 985.28 | 4 | 1 |
| FTD033 | 34.2 | 35.2 | 0.005021 | 636.2143 | 5.6 | 1 |
| FTD033 | 35.2 | 36.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 36.2 | 37.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 37.2 | 38.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 38.2 | 39.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 39.2 | 40.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 40.2 | 41.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 41.2 | 42.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 42.2 | 43.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 43.2 | 44.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 44.2 | 45.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 45.2 | 46.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 46.2 | 47.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 47.2 | 48.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 48.2 | 49.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 49.2 | 50.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 50.2 | 51.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 51.2 | 52.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 52.2 | 53.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 53.2 | 54.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 54.2 | 55.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 55.2 | 56.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 56.2 | 57.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 57.2 | 58.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 58.2 | 59.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 59.2 | 60.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 60.2 | 61.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 61.2 | 62.2 | 0.025107 | 3181.071 | 28 | 1 |
| FTD033 | 62.2 | 63.2 | 0.020086 | 2544.857 | 22.4 | 1 |

| | | | | | | |
|--------|------|------|----------|-------|-----|-----|
| FTD033 | 72.2 | 73.2 | 0.007267 | 665.8 | 0.6 | 1 |
| FTD033 | 73.2 | 74.2 | 0.036333 | 3329 | 3 | 1 |
| FTD033 | 74.2 | 75.2 | 0.036333 | 3329 | 3 | 1 |
| FTD033 | 75.2 | 76 | 0.036333 | 3329 | 3 | 0.8 |

Appendix 3: Proposed holes - designed collar locations and downhole surveys

Firetower – proposed holes collars

| HOLE_ID | LOCATIONX | LOCATIONY | LOCATIONZ | LENGTH |
|---------|-----------|-----------|-----------|--------|
| DH1 | 446149.6 | 5405477 | 682.9742 | 450 |
| DH2 | 446131.8 | 5405486 | 684.365 | 450 |
| DH3 | 446169.7 | 5405468 | 680.9346 | 450 |

Firetower – proposed holes survey table

| HOLE_ID | DISTANCE | AZIMUTH | DIP |
|---------|----------|---------|------|
| DH1 | 0 | 180 | 60 |
| DH1 | 50 | 180 | 57.5 |
| DH1 | 100 | 180 | 55 |
| DH1 | 150 | 180 | 52.5 |
| DH1 | 200 | 180 | 50 |
| DH1 | 250 | 180 | 47.5 |
| DH1 | 300 | 180 | 45 |
| DH1 | 350 | 180 | 42.5 |
| DH1 | 400 | 180 | 40 |
| DH1 | 450 | 180 | 37.5 |
| DH2 | 0 | 185 | 60 |
| DH2 | 50 | 187 | 57.5 |
| DH2 | 100 | 189 | 55 |
| DH2 | 150 | 191 | 52.5 |
| DH2 | 200 | 193 | 50 |
| DH2 | 250 | 195 | 47.5 |
| DH2 | 300 | 197 | 45 |
| DH2 | 350 | 199 | 42.5 |
| DH2 | 400 | 201 | 40 |
| DH2 | 450 | 203 | 37.5 |
| DH3 | 0 | 175 | 60 |
| DH3 | 50 | 173 | 57.5 |
| DH3 | 100 | 171 | 55 |
| DH3 | 150 | 169 | 52.5 |
| DH3 | 200 | 167 | 50 |
| DH3 | 250 | 165 | 47.5 |
| DH3 | 300 | 163 | 45 |
| DH3 | 350 | 161 | 42.5 |
| DH3 | 400 | 159 | 40 |
| DH3 | 450 | 157 | 37.5 |

Firetower West – proposed holes collars

| HOLE_ID | LOCATION X | LOCATION Y | LOCATION Z | LENGTH |
|---------|---------------|---------------|---------------|--------|
| DH1 | 443362.5 | 5407045 | 326.7567 | 400 |
| DH2 | 443050.8 | 5407138 | 304.8445 | 450 |

Firetotower West – proposed holes survey table

| HOLE_ID | DISTANCE | AZIMUTH | DIP |
|---------|----------|---------|------|
| DH1 | 0 | 200 | 55 |
| DH1 | 50 | 200 | 52 |
| DH1 | 100 | 200 | 49 |
| DH1 | 150 | 200 | 46 |
| DH1 | 200 | 200 | 43 |
| DH1 | 250 | 200 | 40 |
| DH1 | 300 | 200 | 37 |
| DH1 | 350 | 200 | 34 |
| DH1 | 400 | 200 | 31 |
| DH2 | 0 | 200 | 70 |
| DH2 | 50 | 200 | 67.5 |
| DH2 | 100 | 200 | 65 |
| DH2 | 150 | 200 | 62.5 |
| DH2 | 200 | 200 | 60 |
| DH2 | 250 | 200 | 57.5 |
| DH2 | 300 | 200 | 55 |
| DH2 | 350 | 200 | 52.5 |
| DH2 | 400 | 200 | 50 |
| DH2 | 450 | 200 | 47.5 |

Gregory's Road – proposed holes collars

| HOLE_ID | LOCATIONX | LOCATIONY | LOCATIONZ | LENGTH |
|---------|-----------|-----------|-----------|--------|
| DH1 | 449140.3 | 5406920 | 298.4579 | 500 |
| DH2 | 449784.5 | 5406113 | 357.3662 | 500 |
| DH3 | 449474.7 | 5406569 | 322.0238 | 500 |

Gregory's Road – proposed holes survey table

| HOLE_ID | DISTANCE | AZIMUTH | DIP |
|---------|----------|---------|------|
| DH1 | 0 | 225 | 60 |
| DH1 | 50 | 225 | 57.5 |
| DH1 | 100 | 225 | 55 |
| DH1 | 150 | 225 | 52.5 |
| DH1 | 200 | 225 | 50 |
| DH1 | 250 | 225 | 47.5 |
| DH1 | 300 | 225 | 45 |
| DH1 | 350 | 225 | 42.5 |
| DH1 | 400 | 225 | 40 |
| DH1 | 450 | 225 | 37.5 |
| DH1 | 500 | 225 | 35 |
| DH2 | 0 | 225 | 60 |
| DH2 | 50 | 225 | 57.5 |
| DH2 | 100 | 225 | 55 |
| DH2 | 150 | 225 | 52.5 |
| DH2 | 200 | 225 | 50 |
| DH2 | 250 | 225 | 47.5 |
| DH2 | 300 | 225 | 45 |
| DH2 | 350 | 225 | 42.5 |
| DH2 | 400 | 225 | 40 |
| DH2 | 450 | 225 | 37.5 |
| DH2 | 500 | 225 | 35 |
| DH3 | 0 | 225 | 60 |
| DH3 | 50 | 225 | 57.5 |
| DH3 | 100 | 225 | 55 |
| DH3 | 150 | 225 | 52.5 |
| DH3 | 200 | 225 | 50 |
| DH3 | 250 | 225 | 47.5 |
| DH3 | 300 | 225 | 45 |
| DH3 | 350 | 225 | 42.5 |
| DH3 | 400 | 225 | 40 |
| DH3 | 450 | 225 | 37.5 |
| DH3 | 500 | 225 | 35 |

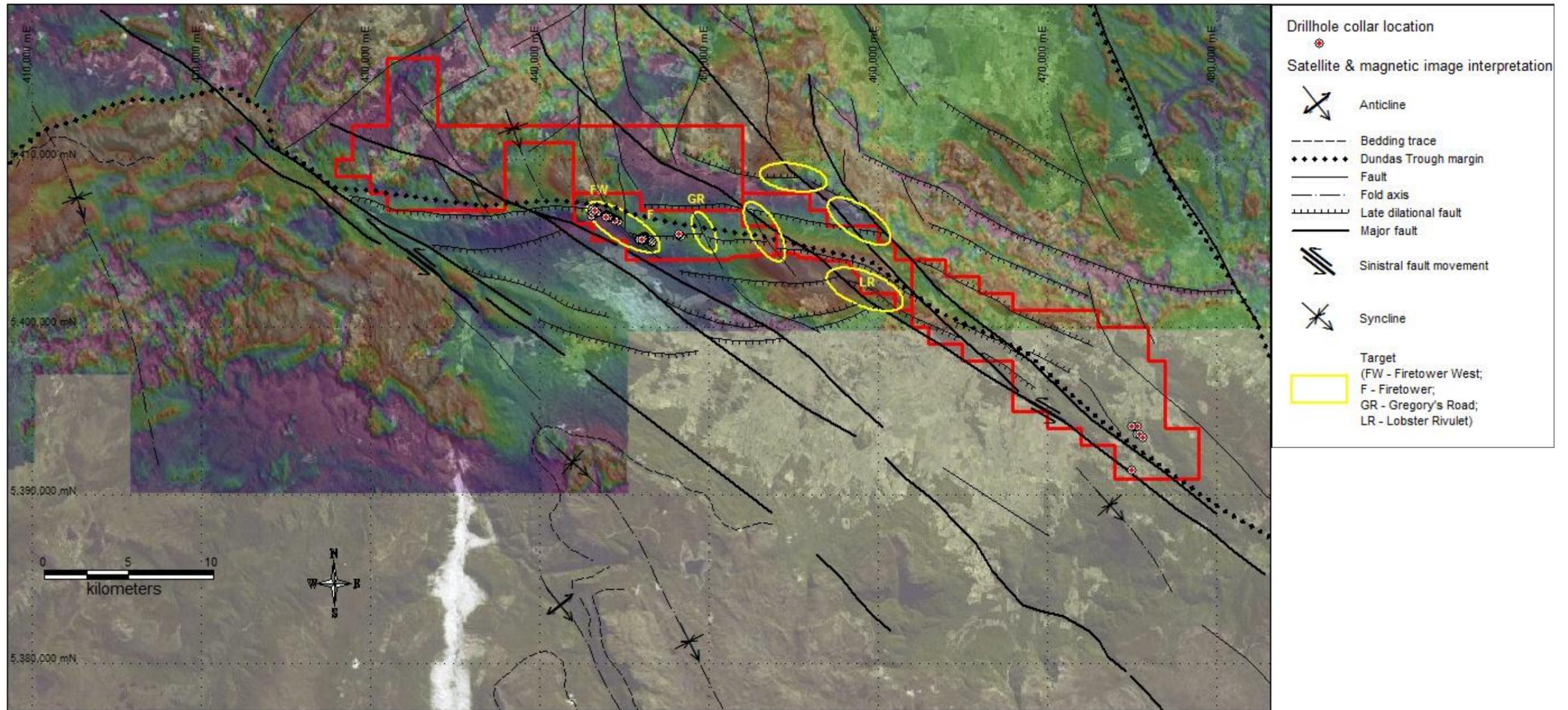
Lobster Rivulet – proposed holes collars

| HOLE_ID | LOCATIONX | LOCATIONY | LOCATIONZ | LENGTH |
|---------|-----------|-----------|-----------|--------|
| DH1 | 459349.9 | 5403206 | 228.0858 | 500 |
| DH2 | 460060.1 | 5402696 | 212.2254 | 350 |
| DH3 | 459647.9 | 5402935 | 182.655 | 400 |

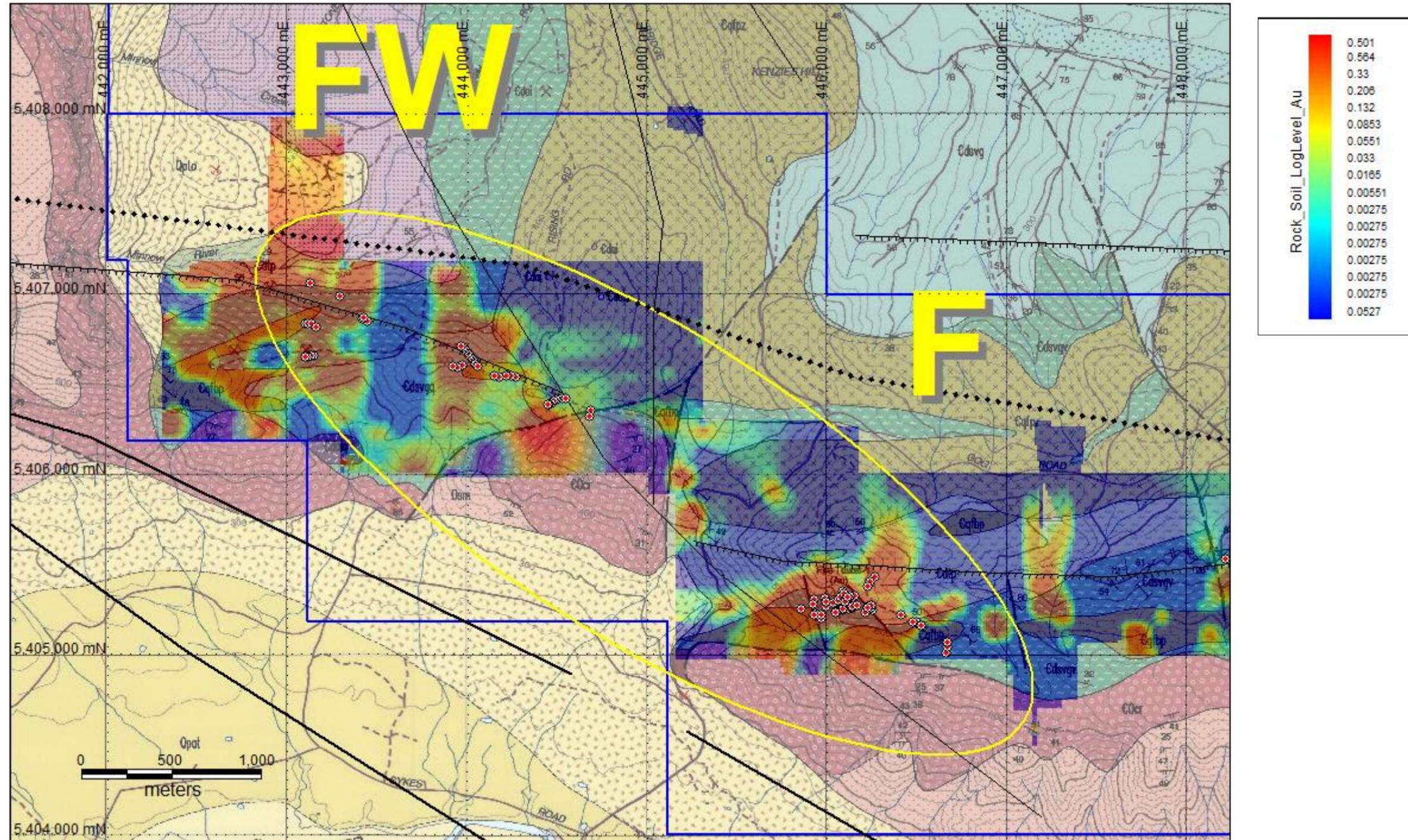
Lobster Rivulet – proposed holes survey table

| HOLE_ID | DISTANCE | AZIMUTH | DIP |
|---------|----------|---------|------|
| DH1 | 0 | 225 | 60 |
| DH1 | 50 | 225 | 57.5 |
| DH1 | 100 | 225 | 55 |
| DH1 | 150 | 225 | 52.5 |
| DH1 | 200 | 225 | 50 |
| DH1 | 250 | 225 | 47.5 |
| DH1 | 300 | 225 | 45 |
| DH1 | 350 | 225 | 42.5 |
| DH1 | 400 | 225 | 40 |
| DH1 | 450 | 225 | 37.5 |
| DH1 | 500 | 225 | 35 |
| DH2 | 0 | 225 | 60 |
| DH2 | 50 | 225 | 57.5 |
| DH2 | 100 | 225 | 55 |
| DH2 | 150 | 225 | 52.5 |
| DH2 | 200 | 225 | 50 |
| DH2 | 250 | 225 | 47.5 |
| DH2 | 300 | 225 | 45 |
| DH2 | 350 | 225 | 42.5 |
| DH3 | 0 | 225 | 60 |
| DH3 | 50 | 225 | 57.5 |
| DH3 | 100 | 225 | 55 |
| DH3 | 150 | 225 | 52.5 |
| DH3 | 200 | 225 | 50 |
| DH3 | 250 | 225 | 47.5 |
| DH3 | 300 | 225 | 45 |
| DH3 | 350 | 225 | 42.5 |
| DH3 | 400 | 225 | 40 |

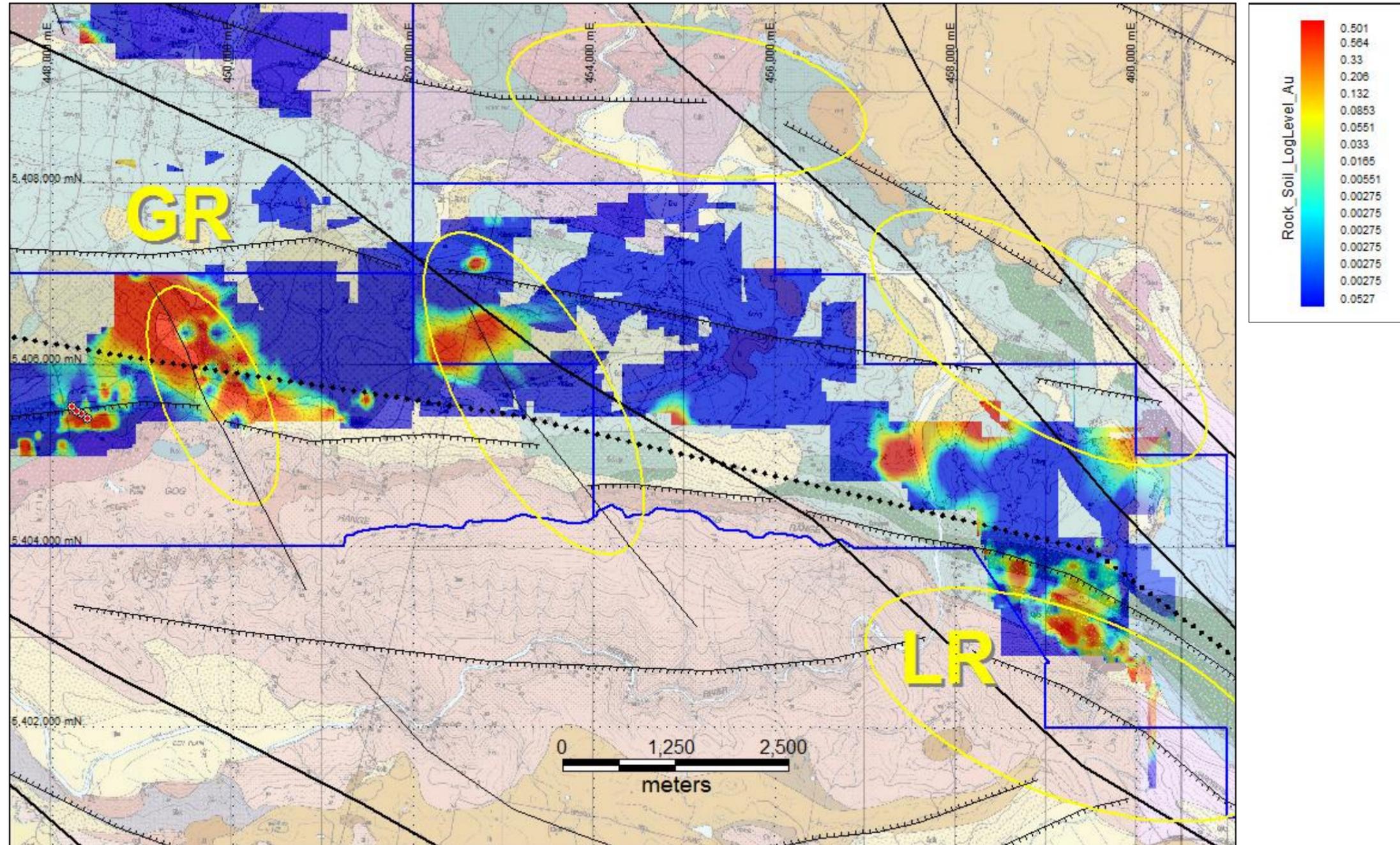
Appendix 4: 1:250,000-scale structural interpretation and regional targets based on satellite and airborne imagery



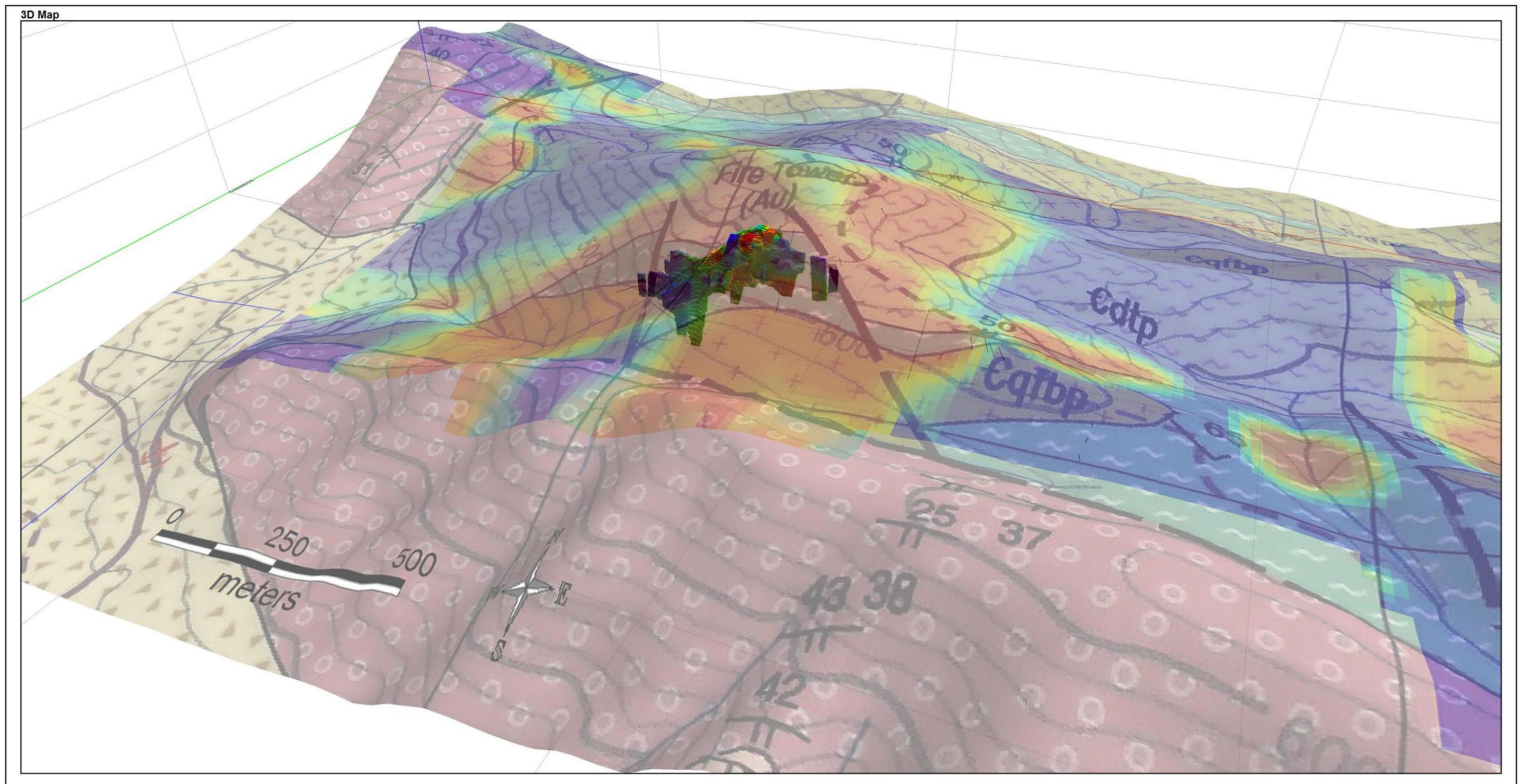
Appendix 5: Firetower and Firetower West area – regional targets and image interpretation on gridded Log-normalized Au in rocks and soil, tenement boundary (blue outline) and historic drillhole collars (red points) on geology map backdrop (Gog sheet 1:25,000)



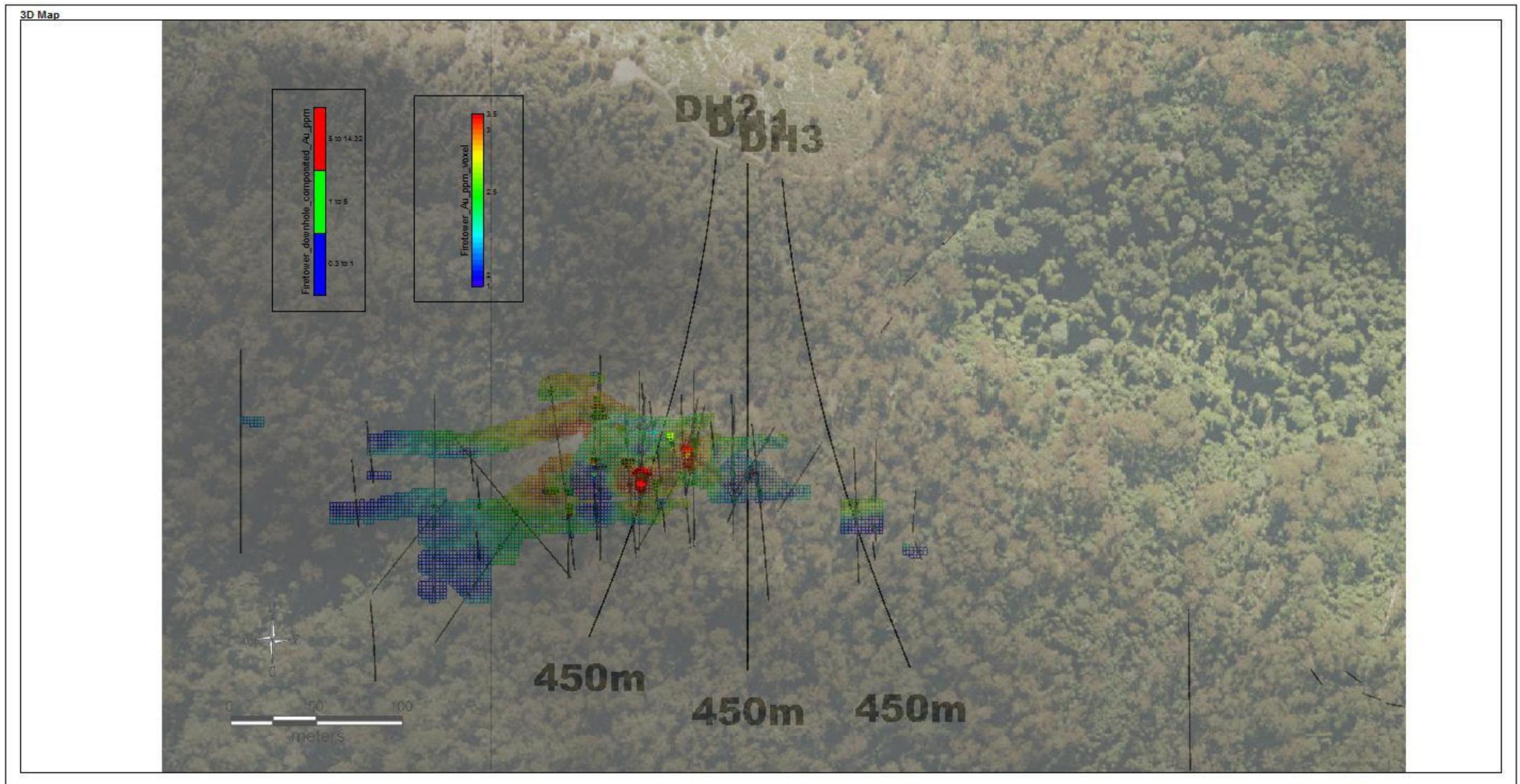
Appendix 6: Gregory's Road and Lobster Rivulet area – regional targets and image interpretation on gridded Log-normalized Au in rocks and soil, tenement boundary (blue outline) and historic drillhole collars (red points) on geology map backdrop (Gog and Deloraine sheets 1:25,000)



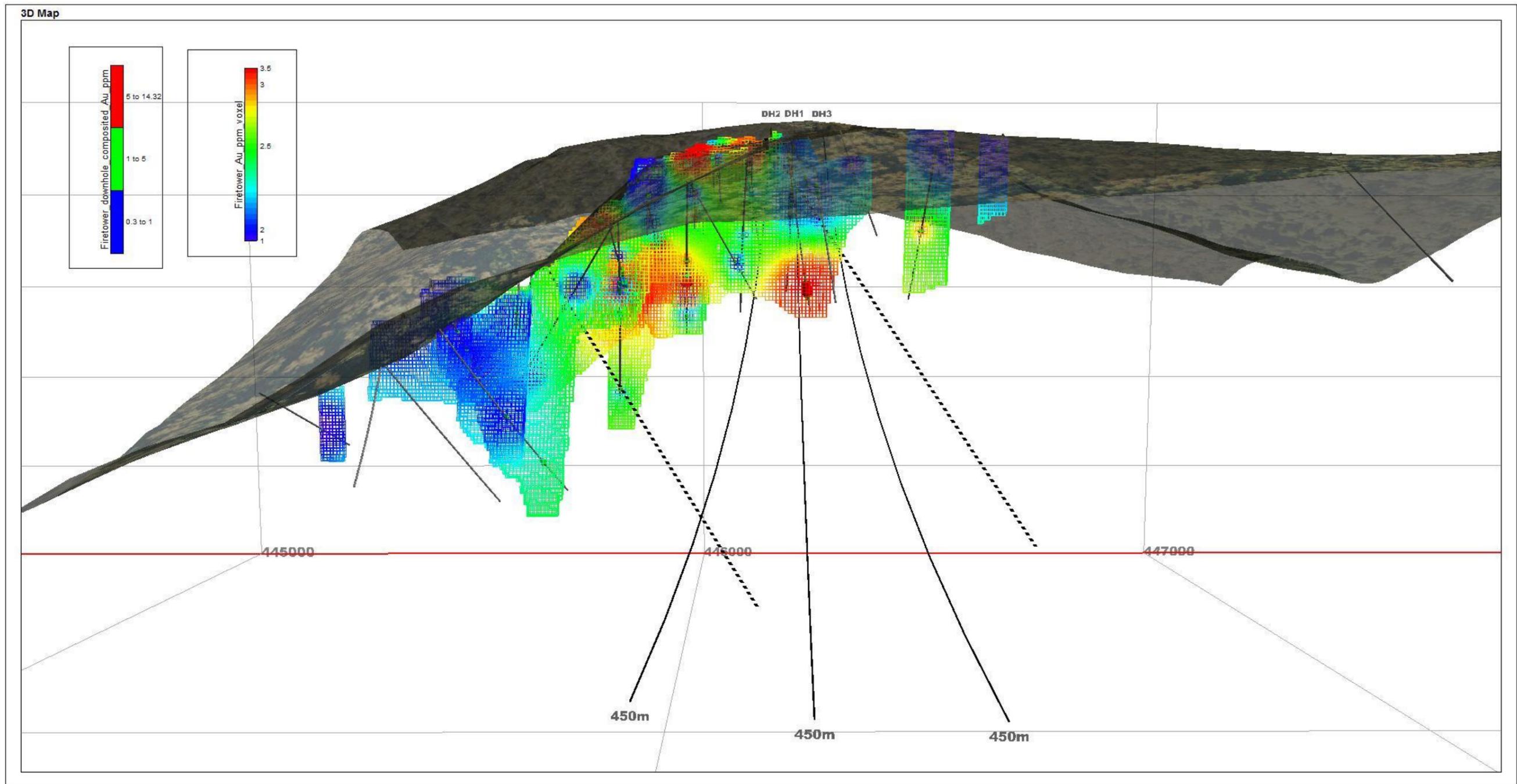
Appendix 7: Firetower – oblique 3D view to NNW of gridded surface Au and geology draped over topography on Firetower gold voxel



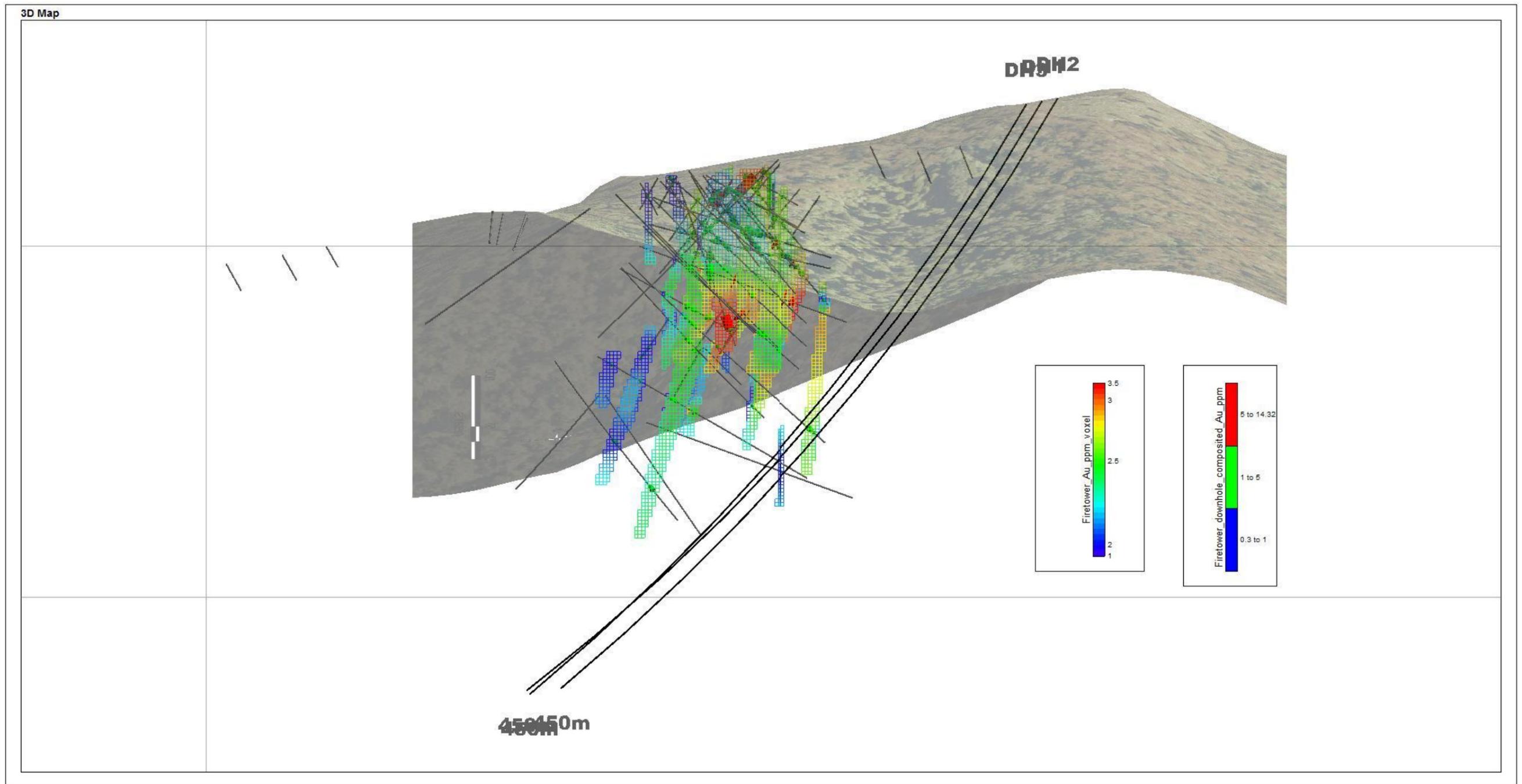
Appendix 8: Orthogonal view of aerial photo drape over topographic model on historic and proposed (DH1, DH2, DH3) drillholes plan and Firetower gold (voxel) block model



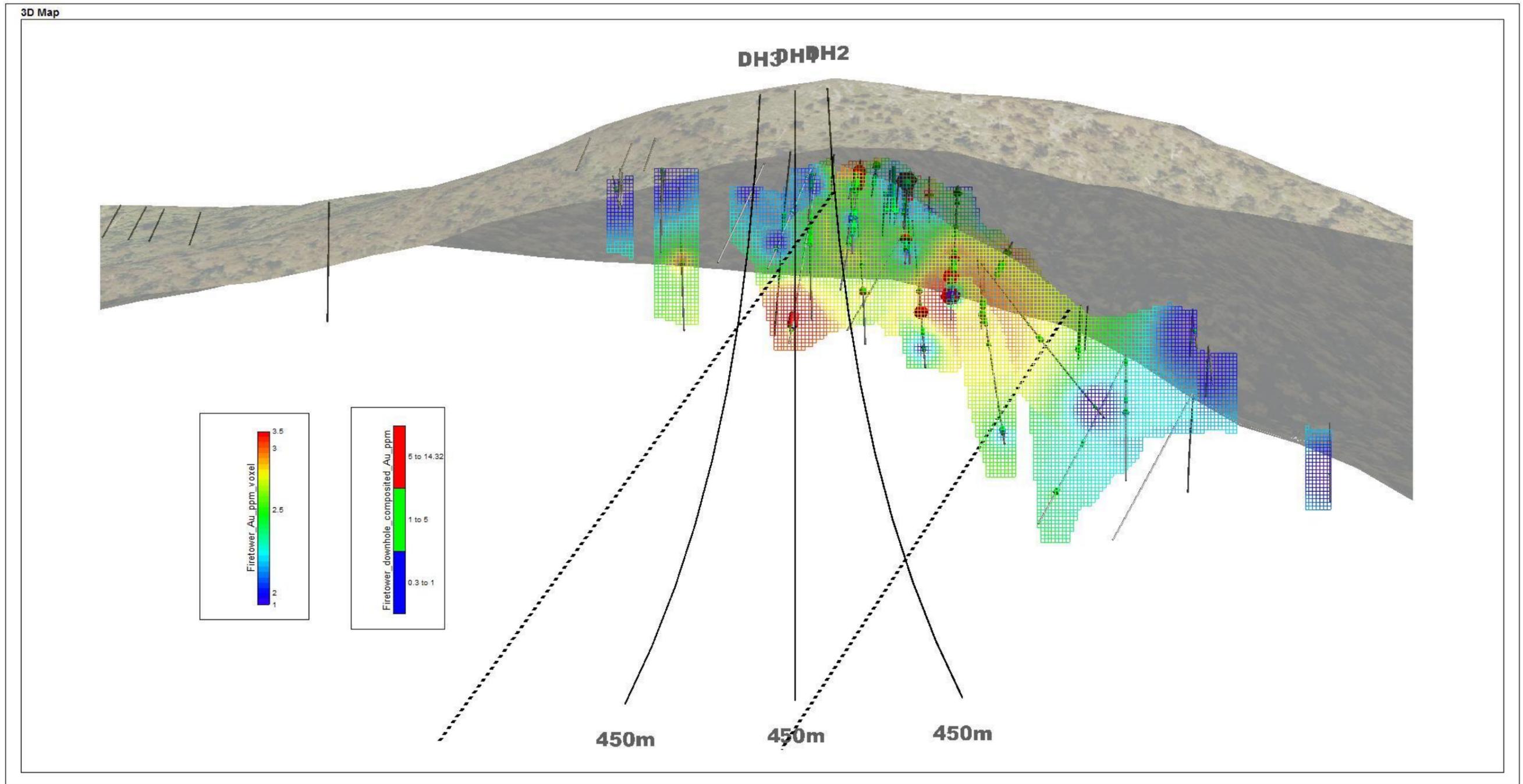
Appendix 9: Oblique view to north of Firetower gold voxel, down plunge target (between dashed lines), historic and proposed (DH1, DH2, DH3) drillholes



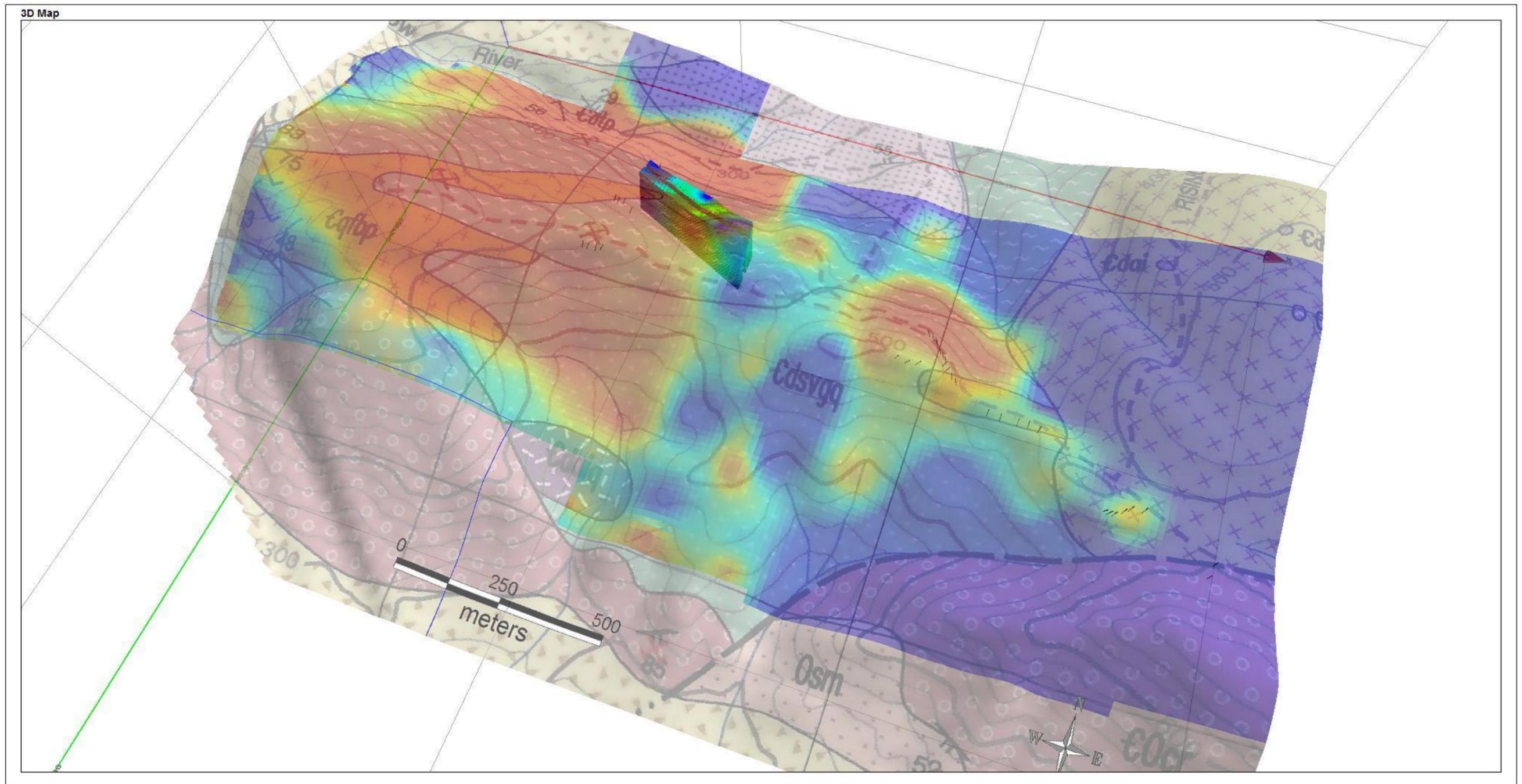
Appendix 10: Orthographic view to west (cross-section) of Firetower gold voxel, historic and proposed (DH1, DH2, DH3) drillholes



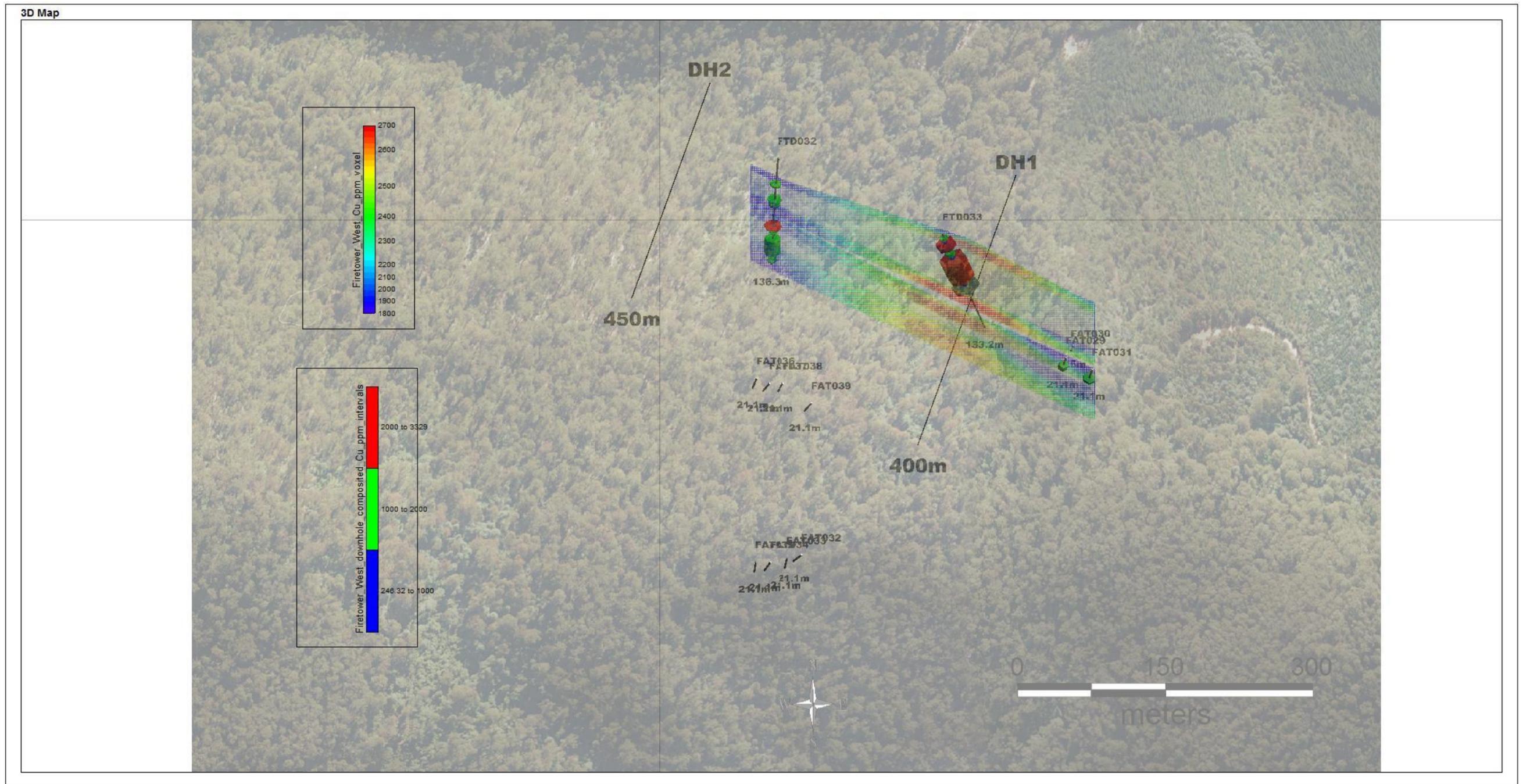
Appendix 11: Orthographic view to south (long section) of Firetower gold voxel, down plunge target (between dashed lines), historic and proposed (DH1, DH2, DH3) drillholes



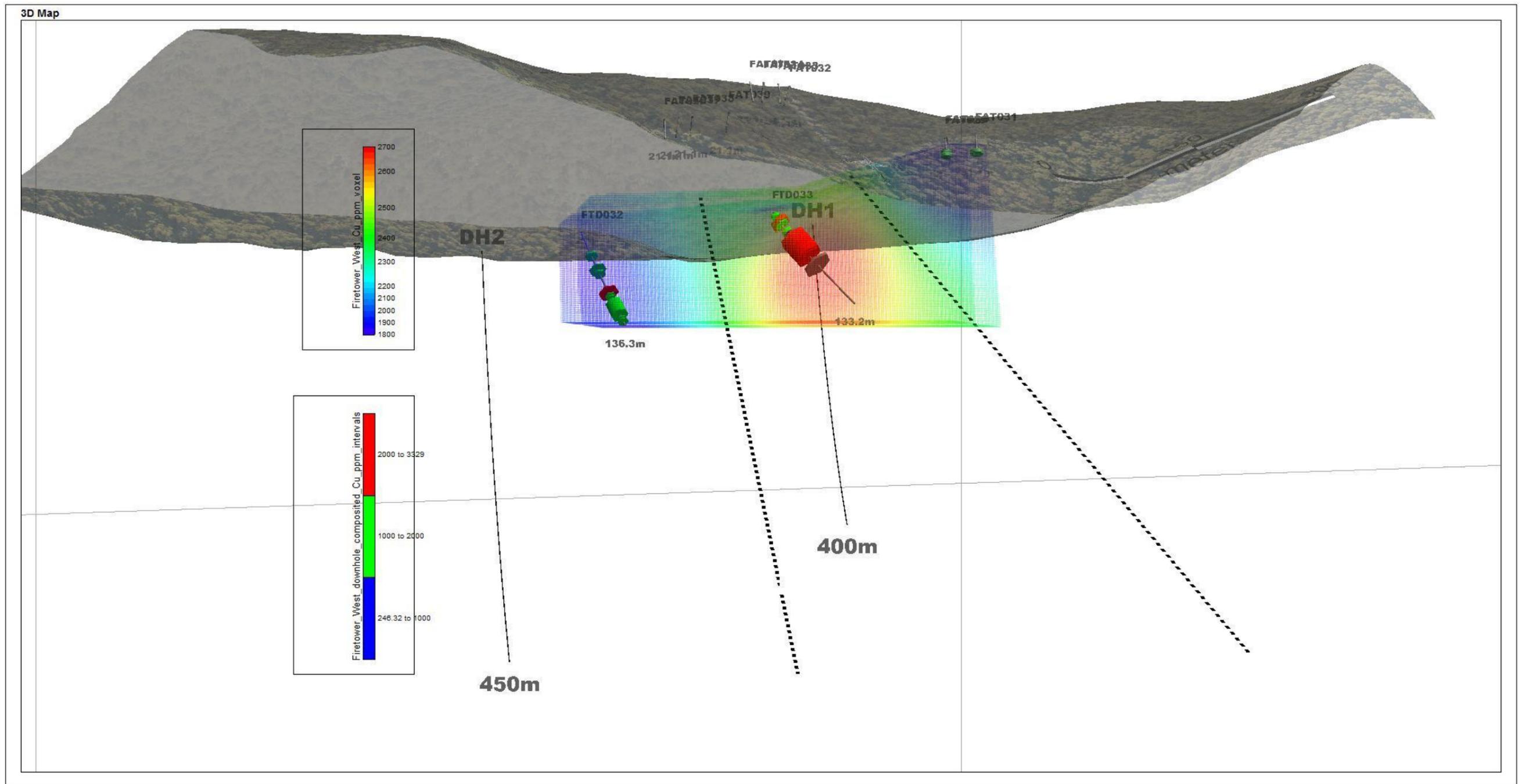
Appendix 12: Firetower West – 3D oblique view of gridded Cu at surface on geology and Cu voxel



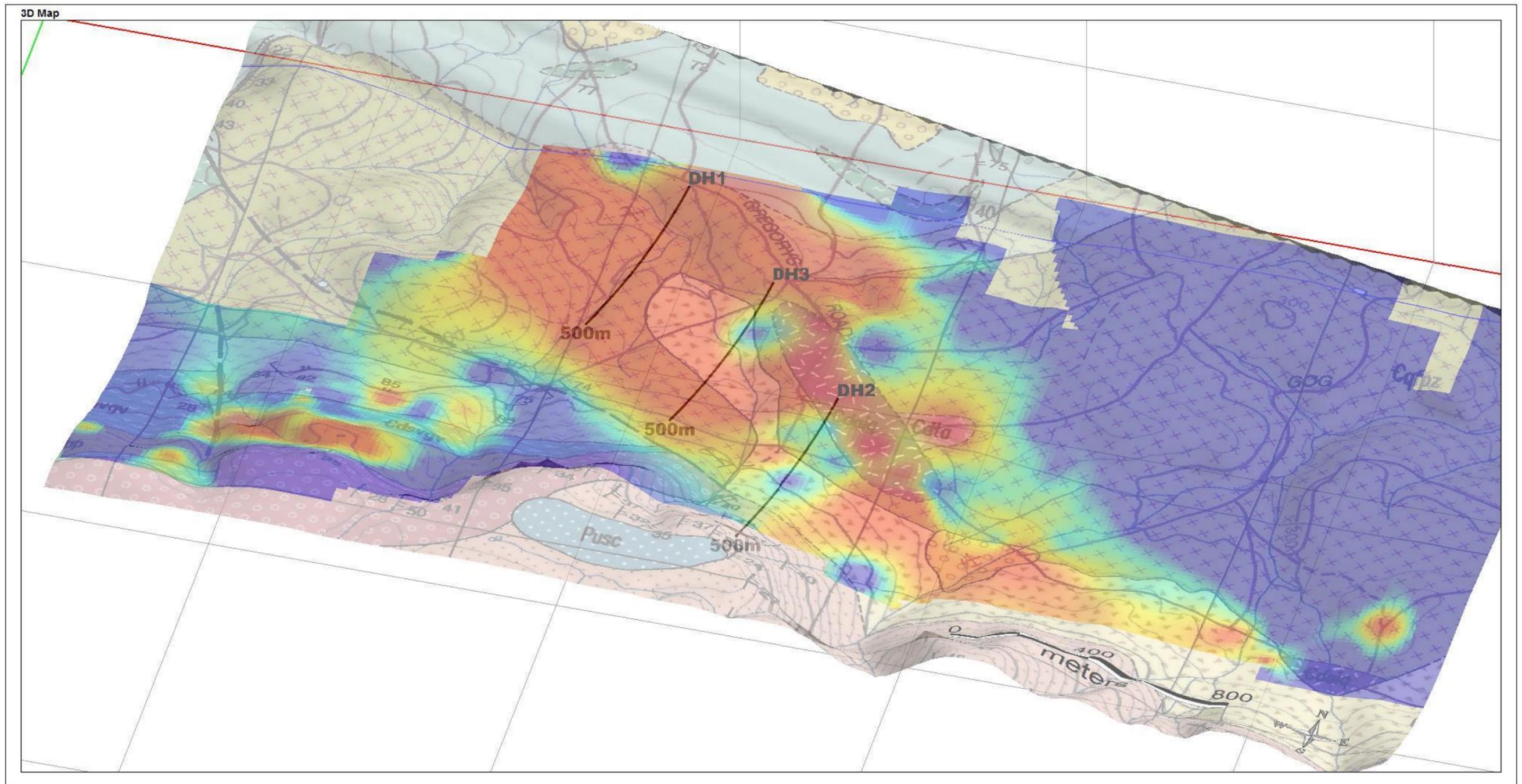
Appendix 13: Firetower West – 3D orthographic plan view of air photo on historic and proposed (DH1, DH2) holes and Cu voxel



Appendix 14: Firetower West – 3D view to NNE of Cu voxel, historic and proposed (DH1, DH2) drillholes and down-plunge mineralization trend (between dashed lines)



Appendix 16: Gregory's Road – 3D oblique view of gridded surface Au and geology draped on topography and the proposed drillholes (DH1, DH2, DH3)



Appendix 17: Lobster Rivulet – 3D oblique view of gridded surface Au and geology draped on topography and the proposed drillholes (DH1, DH2, DH3)

