**Sixty Mile Project Hole Summaries**

August 1st, 2021

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**SIX21-001:**

Easting: 504705

Northing: 7102698

Elevation: 1232

Azimuth: 060

Dip: -45

Depth: 92.99 m

SIX21-001 collared into a graphite schist which was variably altered by oxide minerals. The lithology was consistent from 0 to 215’. Minor quartz was noted from 140’ to 190’; however, no sulfide mineralization was noted. At 215’, the lithology changed to a biotite/feldspar intrusive unit. This unit continued until the end of the hole at 305’. There is noticeable alteration of the intrusive unit from 215’ to 285’ where the rocks are lighter in colour, likely indicating the presence of sericite alteration.

**SIX21-002:**

Easting: 500638

Northing: 7102673

Elevation: 1251

Azimuth: 292

Dip: -45

Depth: 80.79 m

SIX21-002 collared into graphite schist which continued until the end of the hole at 265’. Increased oxide alteration was noted from 25-35’, 60-65’, 130-135’ and 200-210’. Increased oxide alteration was sometimes associated with the presence of quartz. No sulfides were noted in any of the chips.

**SIX21-003:**

Easting: 501001

Northing: 7102696

Elevation: 1256

Azimuth: 112

Dip: -45

Depth: 100.61 m

SIX21-003 collared into a zone of strong hydrothermal alteration which almost entirely obscured the original lithology. Chips consisted almost entirely of hydrothermal clay from 0 – 30’. Greater than 50% quartz was noted on the lower contact of the hydrothermal zone from 45 – 50’; however, no sulfide mineralization was noted in the quartz. Below, the hole continued into fresh graphite schist from 50’ to EOH at 330’. Quartz-carbonate was noted in the chips from 155 – 165’ (>50%), 185 – 190’ (>50%), 205-235’ (10 – 25%) and 295 – 320’ (10 – 25%). Some quartz chips had a saw-like texture indicating vuggy quartz. Increased oxide alteration was associated with veining.

**SIX21-004:**

Easting: 500982

Northing: 7102702

Elevation: 1256

Azimuth: 112

Dip: -45

Depth: 36.59 m

SIX21-004 was collared only 30 meters away from SIX21-003 and followed the same overall sequence. The hole was designed to further test the hydrothermal alteration zone encountered in SIX21-003. The zone of hydrothermal alteration was drilled from 0 – 90’. From 90 – EOH at 120’ was graphite schist.

**SIX21-005:**

Easting: 501191

Northing: 7102701

Elevation: 1254

Azimuth: 050

Dip: -45

Depth: 80.79 m

SIX21-005 collared into graphite schist and continued through the same lithology until the end of the hole at 265’. Some intervals of quartz-carbonate were noted from 55 – 60’ (5 – 10%), 75-80’ (5 – 10%) and from 175 – 180’ (0 – 5%). Overall, this hole was less altered than the previous holes in this zone. Trace sulfide mineralization was noted from 75 – 80’.

**SIX21-006:**

Easting: 501986

Northing: 7103915

Elevation: 1147

Azimuth: 112

Dip: -45

Depth: 80.79 m

SIX21-006 collared into graphite schist and continued through the same lithology until the end of hole at 265’. Intervals of quartz (some vuggy quartz) were noted from 10 – 20’ (>50%), 20 – 35’ (5 – 10%), 75 – 80’ (0 – 5%), 95 – 100’ (10 – 20%) and 195 – 200’ (10 – 20%). Moderate oxide alteration was noted throughout the hole. No sulfide mineralization was noted.

**SIX21-007:**

Easting: 502251

Northing: 7103865

Elevation: 1177

Azimuth: 292

Dip: -45

Depth: 83.84 m

SIX21-007 collared into graphite schist and continued through the same lithology until the end of hole at 275’. Intervals of (sometimes vuggy) quartz were noted from 20 – 25’ (25%), 30 – 35’ (>50%), 45 – 55’ (20%), 65 – 75’ (10%) and 230 – 240’ (>50%). Rocks were strongly oxidized from 0 – 175’. A zone of strong alteration (sericite-chlorite?) was noted from 240 – 245’ which was immediately below a zone of significant quartz, indicating the presence of hydrothermal fluids. Possible mariposite (indicated by green colour and XRF results) was encountered from 240 – 255’.