

Figure 5.2.3-1: Location of ABA (Red) and Exploration Drillholes (Black) in Star Kimberlite

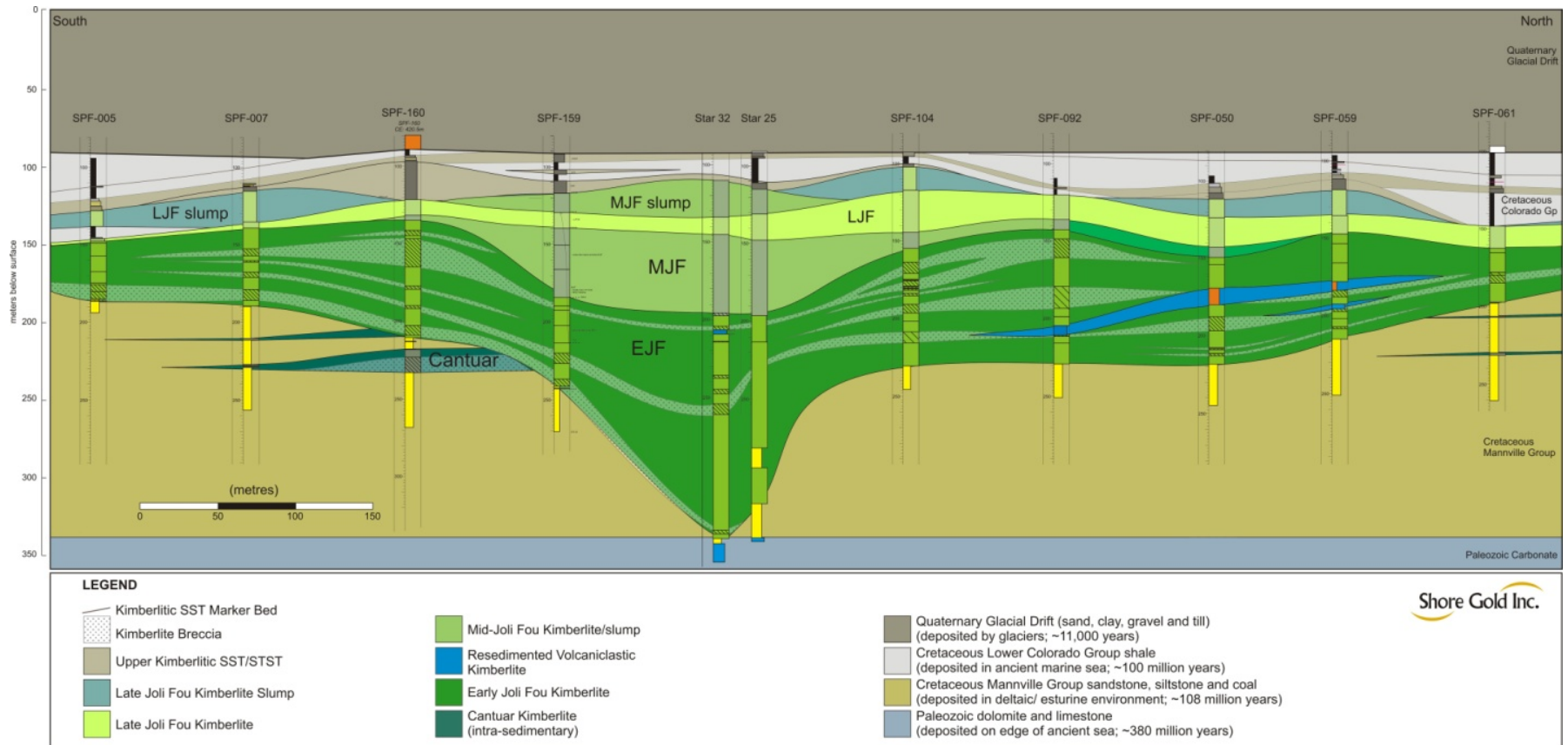


Figure 5.2.3-2: Cross Section of Star Kimberlite Near ABA Drillhole

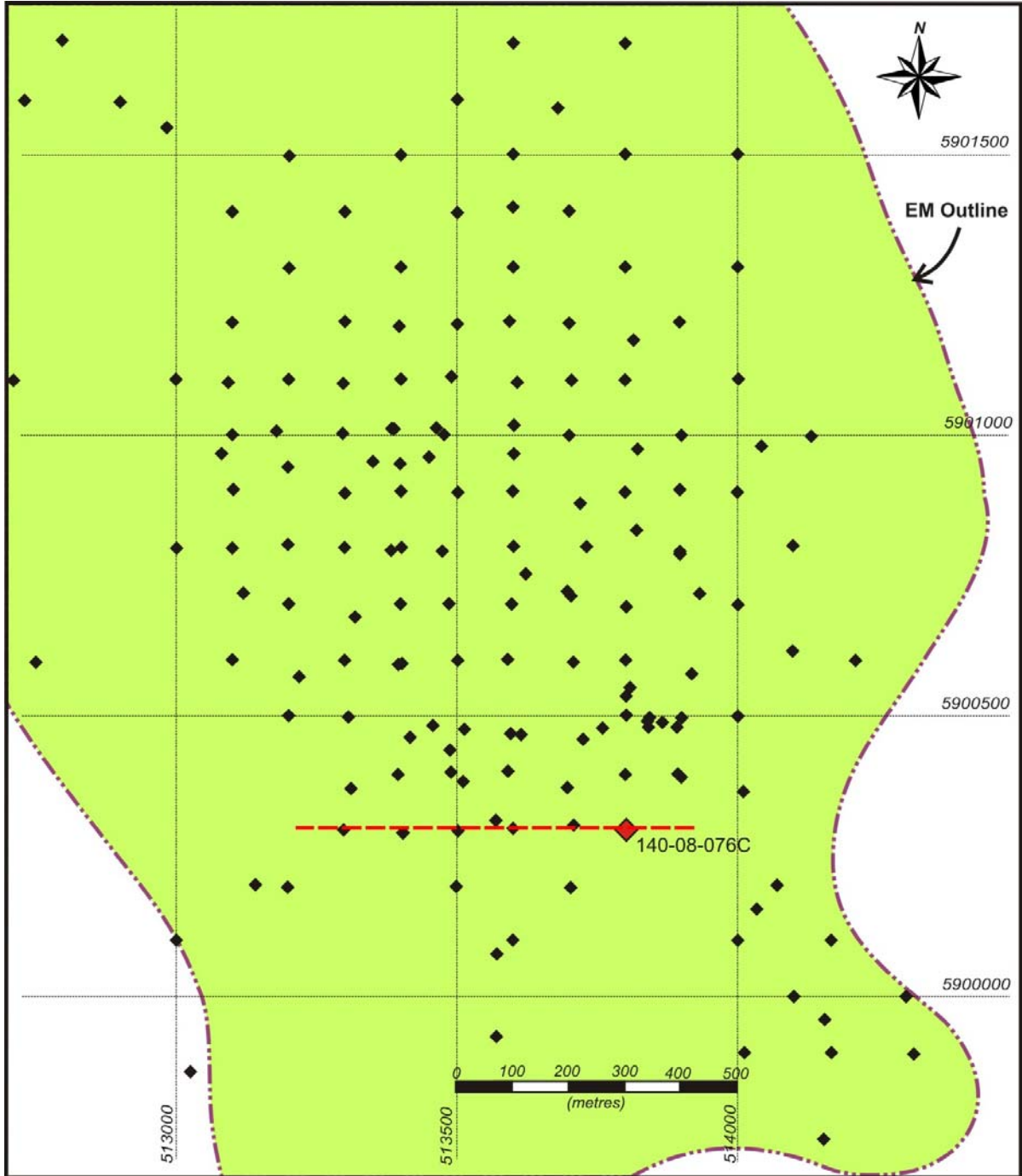


Figure 5.2.3-3: Location of ABA (Red) and Exploration Drillholes (Black) on Orion South Kimberlite

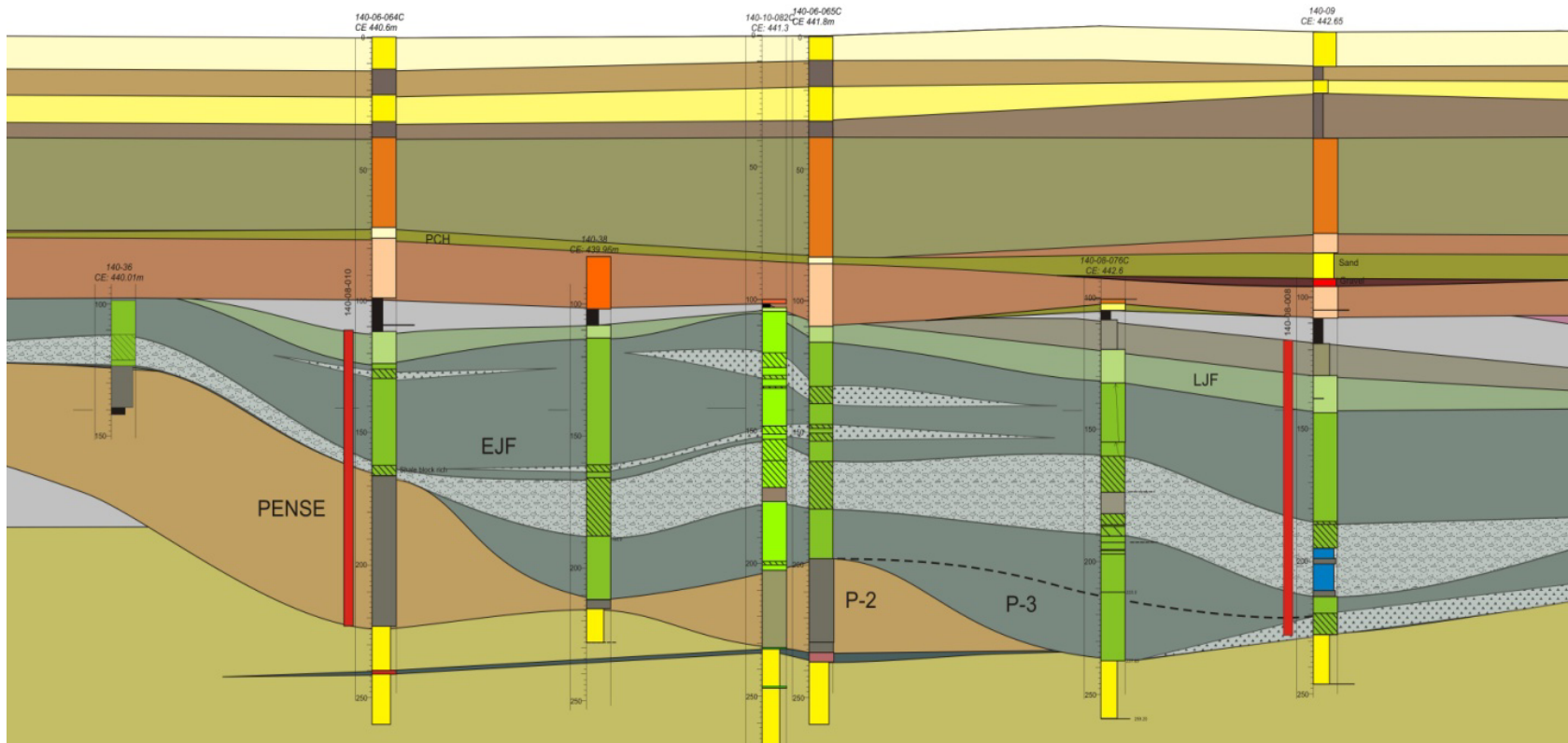


Figure 5.2.3-4: Schematic Cross Section of Orion South Kimberlite Near ABA Drillhole

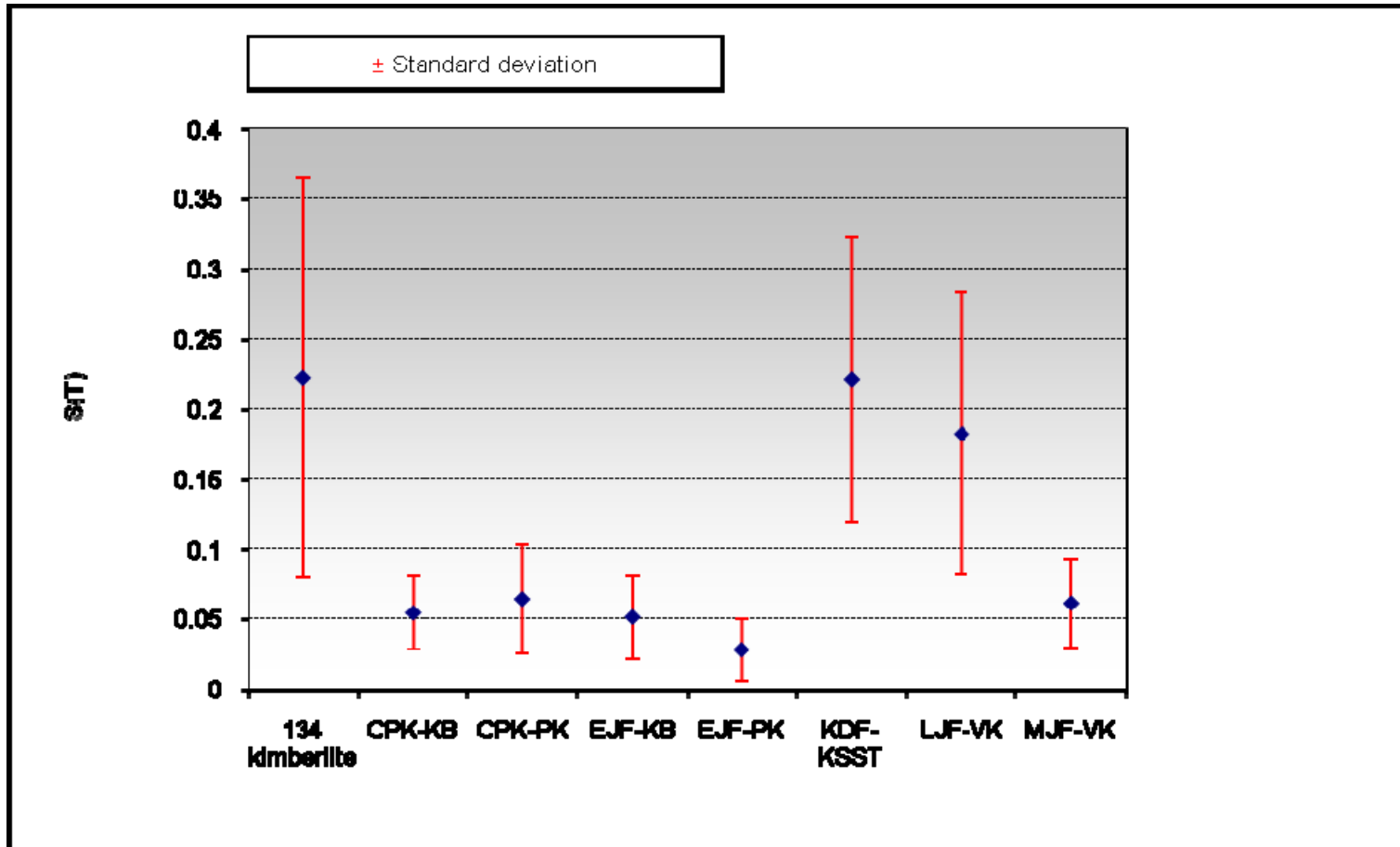


Figure 5.2.3-5: Comparison of Average Total Sulphur Concentrations for Star Kimberlite Facies

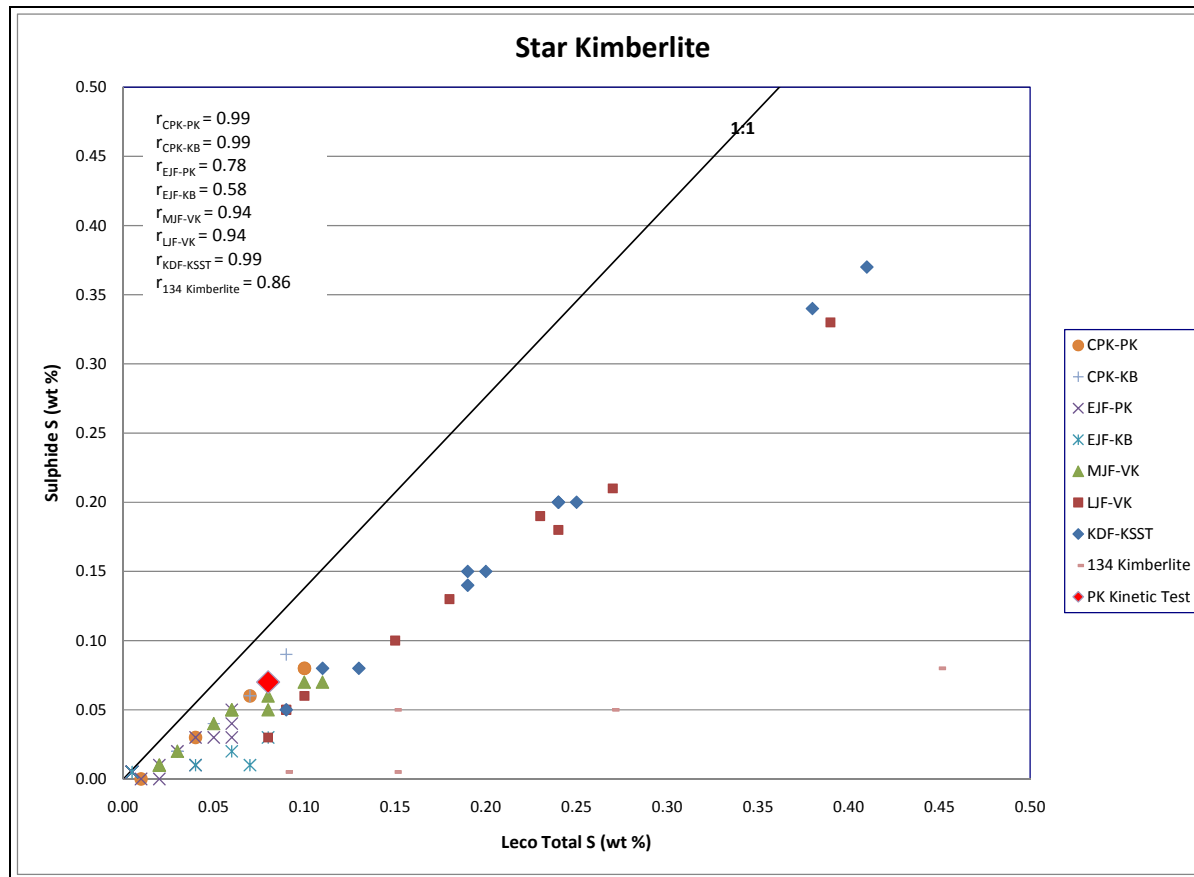


Figure 5.2.3-6: Scatter Plot of Total and Sulphide Sulphur for Star Kimberlite Facies

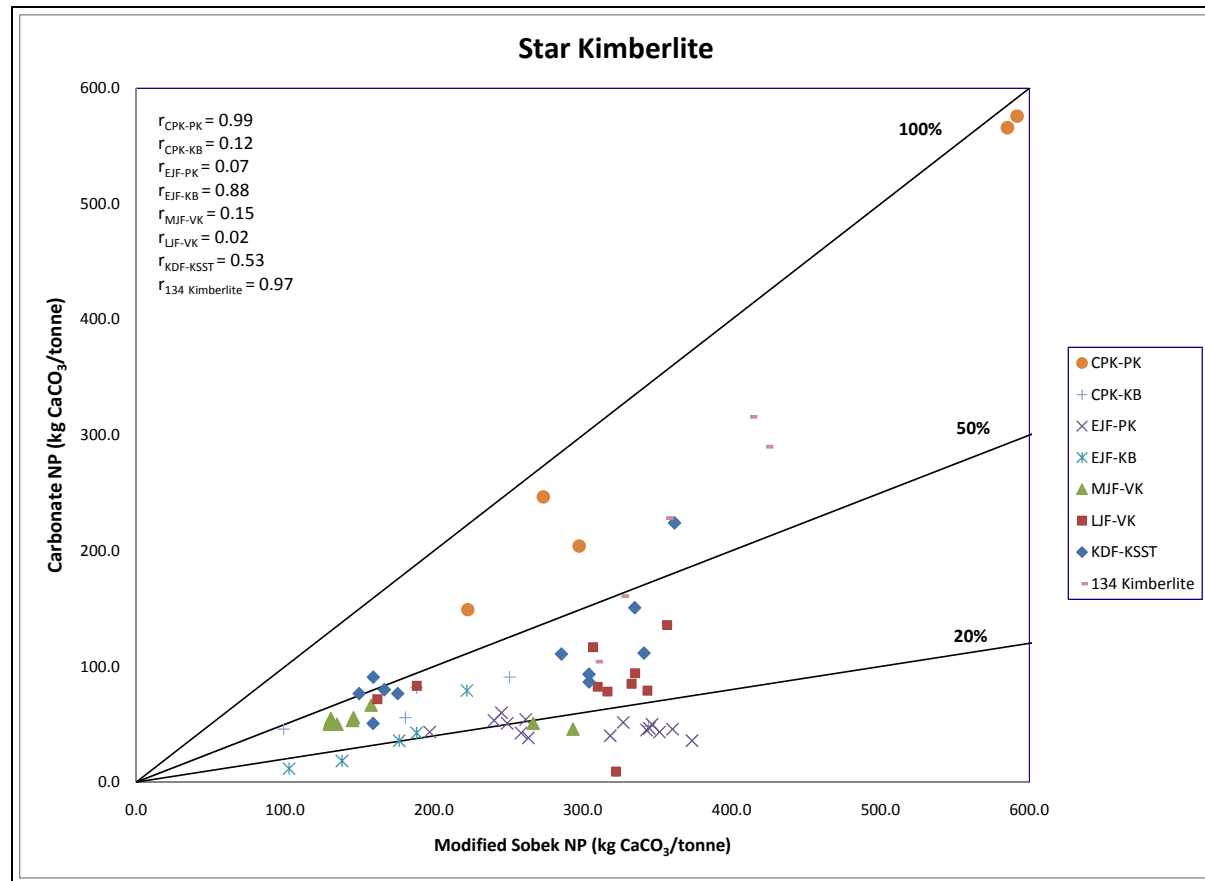


Figure 5.2.3-7: Scatter Plot of NP and CNP for Star Kimberlite Facies

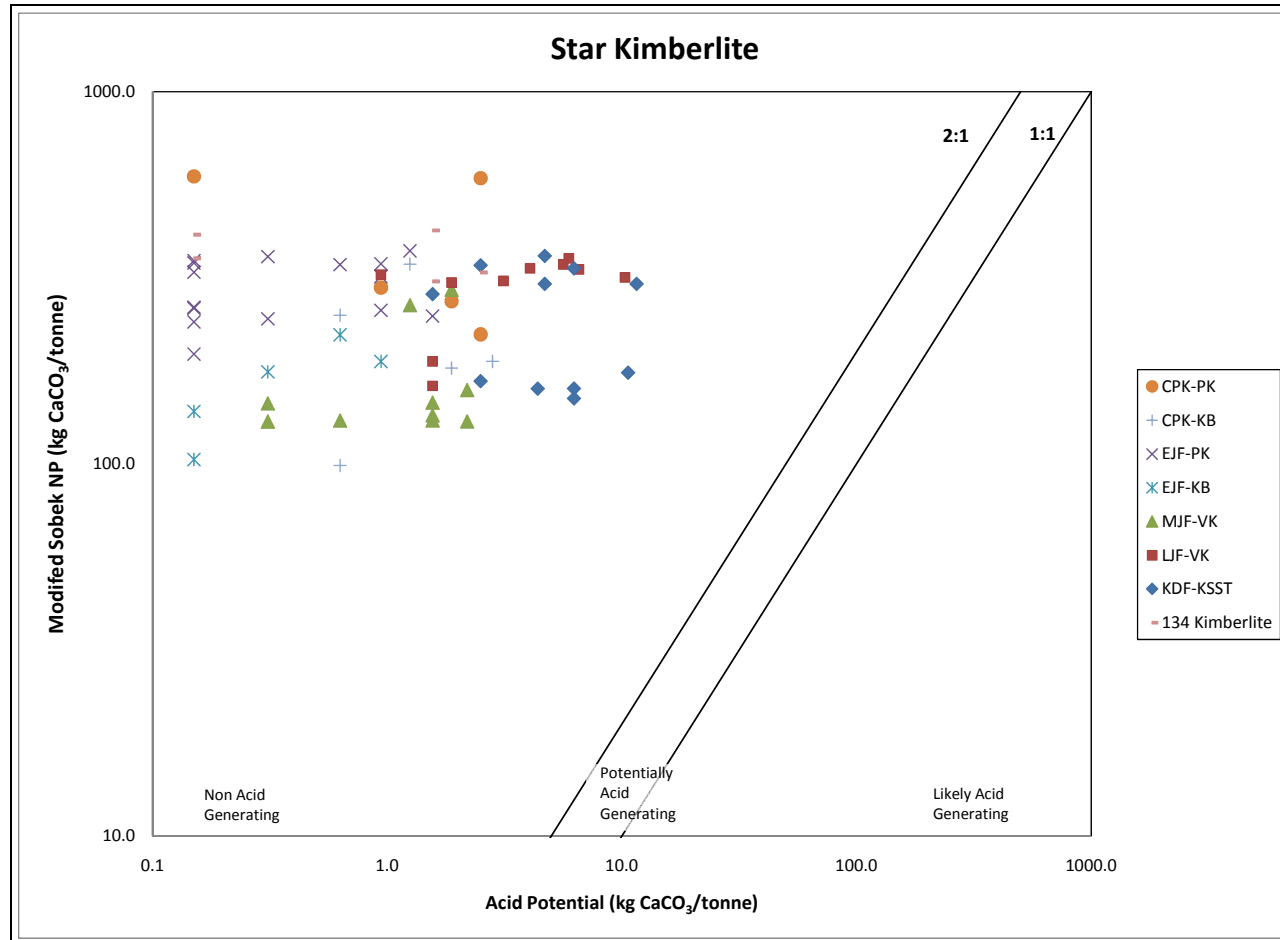


Figure 5.2.3-8: Scatter Plot of NP versus AP for Star Kimberlite Facies

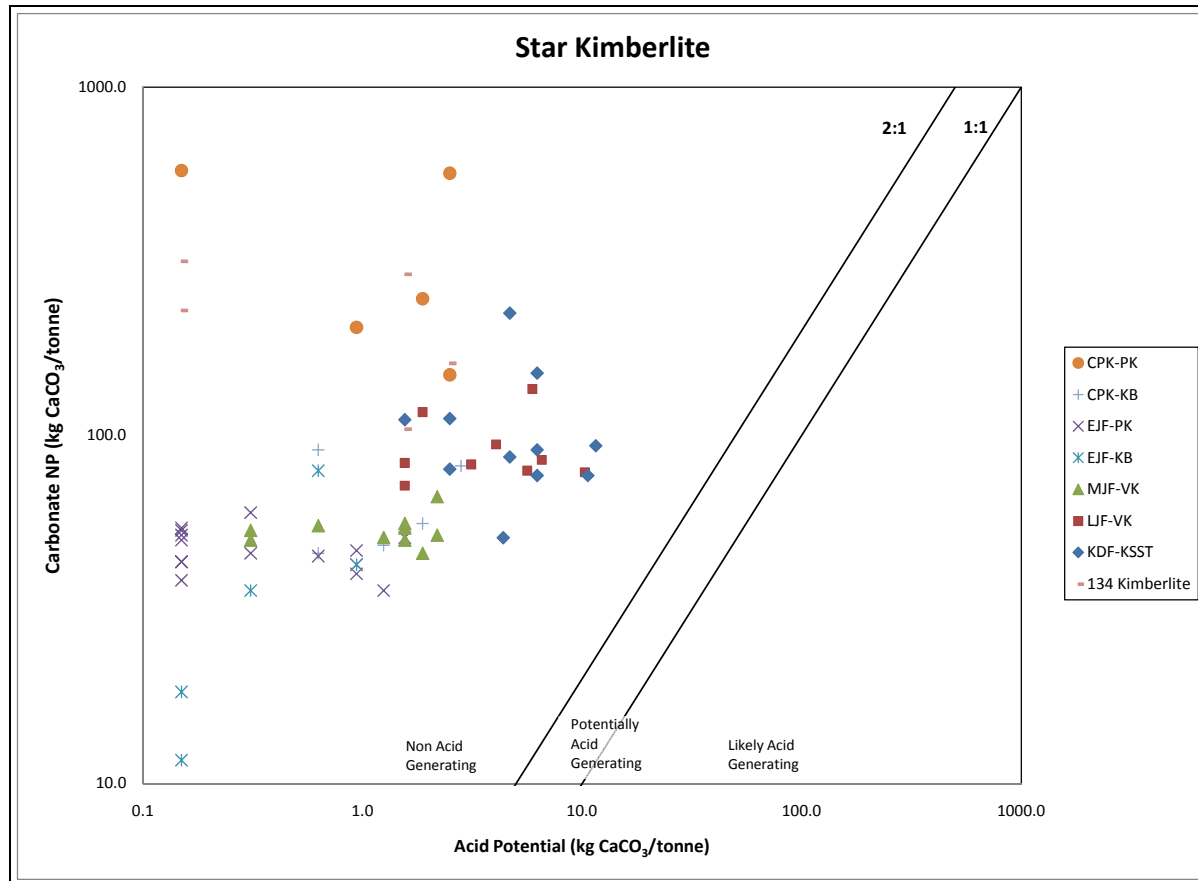


Figure 5.2.3-9: Scatter Plot of CNP versus AP for Star Kimberlite Facies

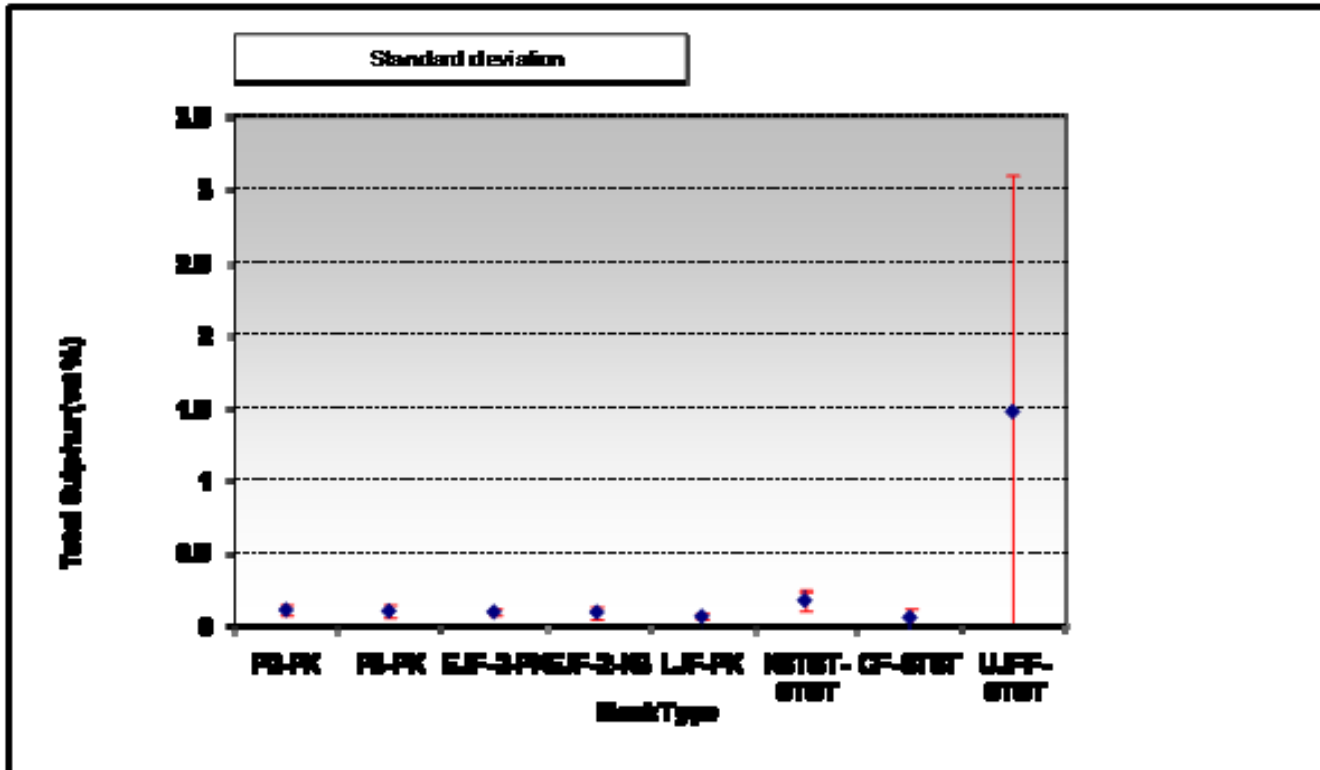


Figure 5.2.3-10: Comparison of Average Total Sulphur Concentrations for Orion South Kimberlite and Country Rock Facies

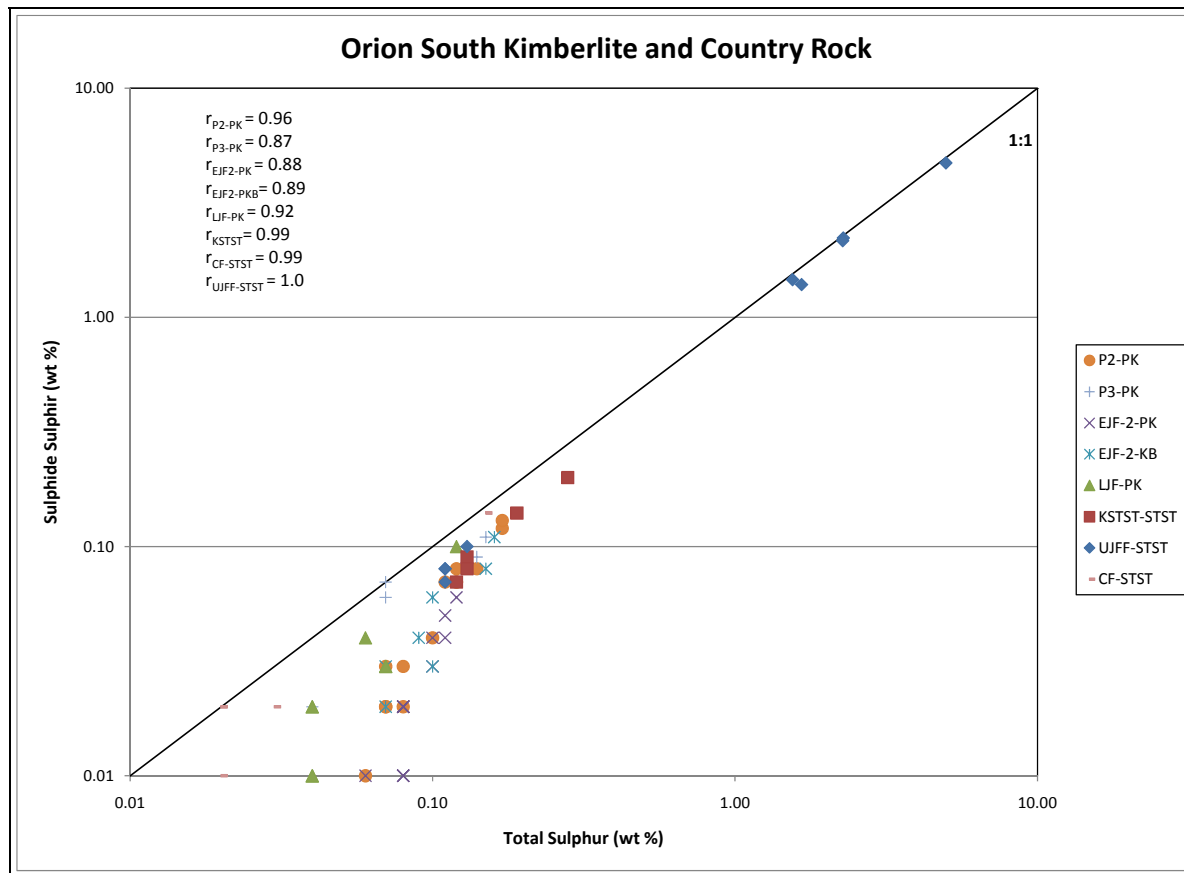


Figure 5.2.3-11: Scatter Plot of Total and Sulphide Sulphur for Orion South Facies

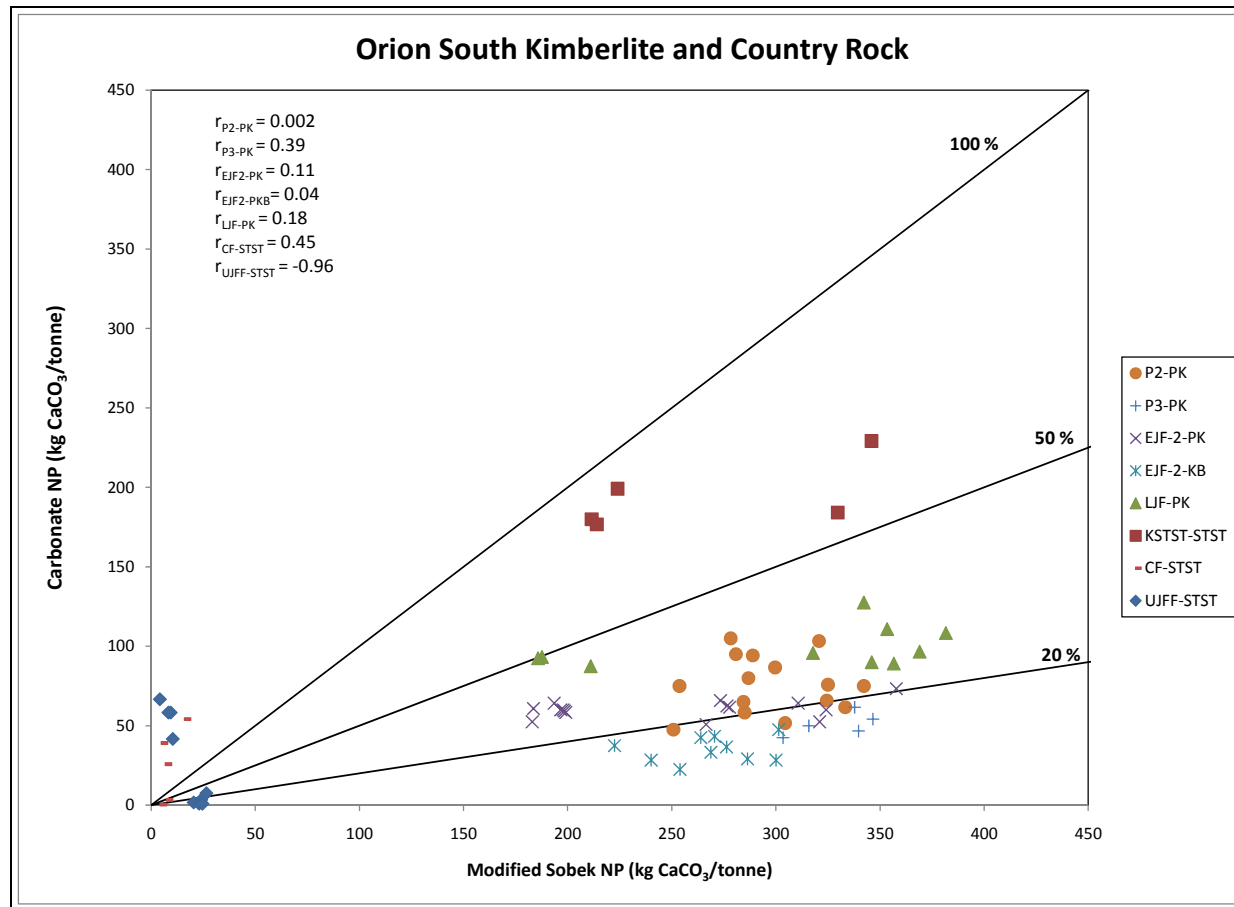


Figure 5.2.3-12: Scatter Plot of NP and CNP for Orion South Kimberlite Complex

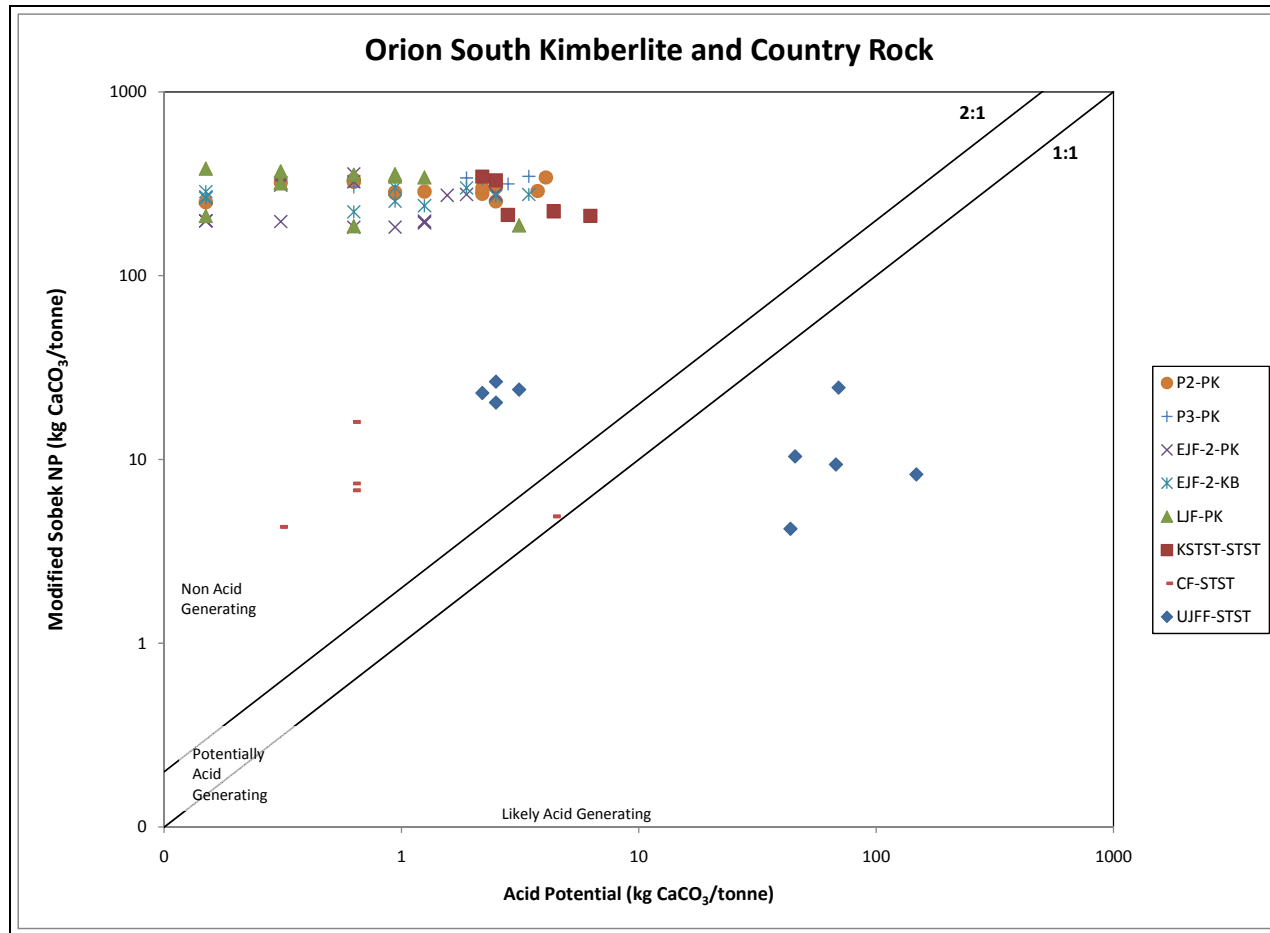


Figure 5.2.3-13: Scatter Plot of NP versus AP for Orion South Kimberlite Complex

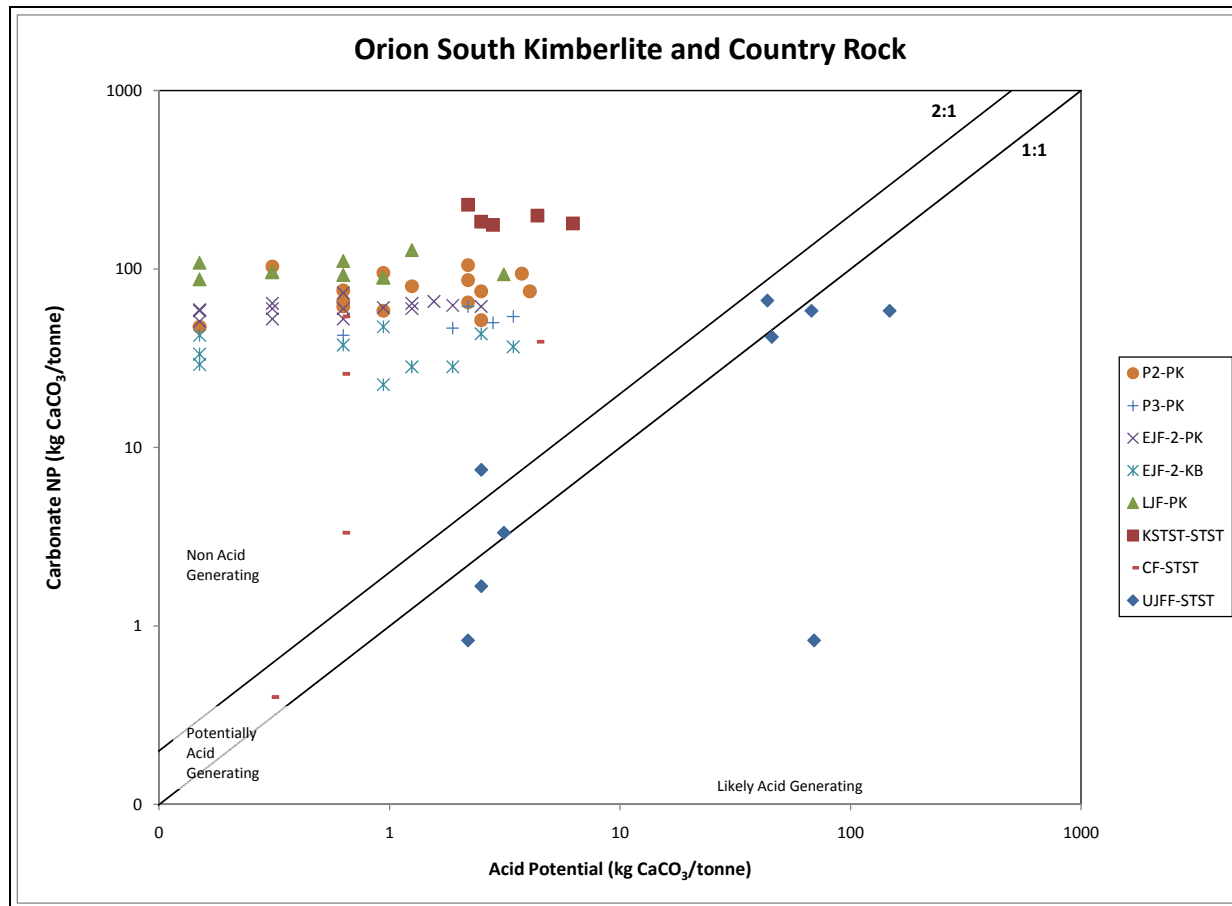


Figure 5.2.3-14: Scatter Plot of CNP versus AP for Orion South Kimberlite Complex

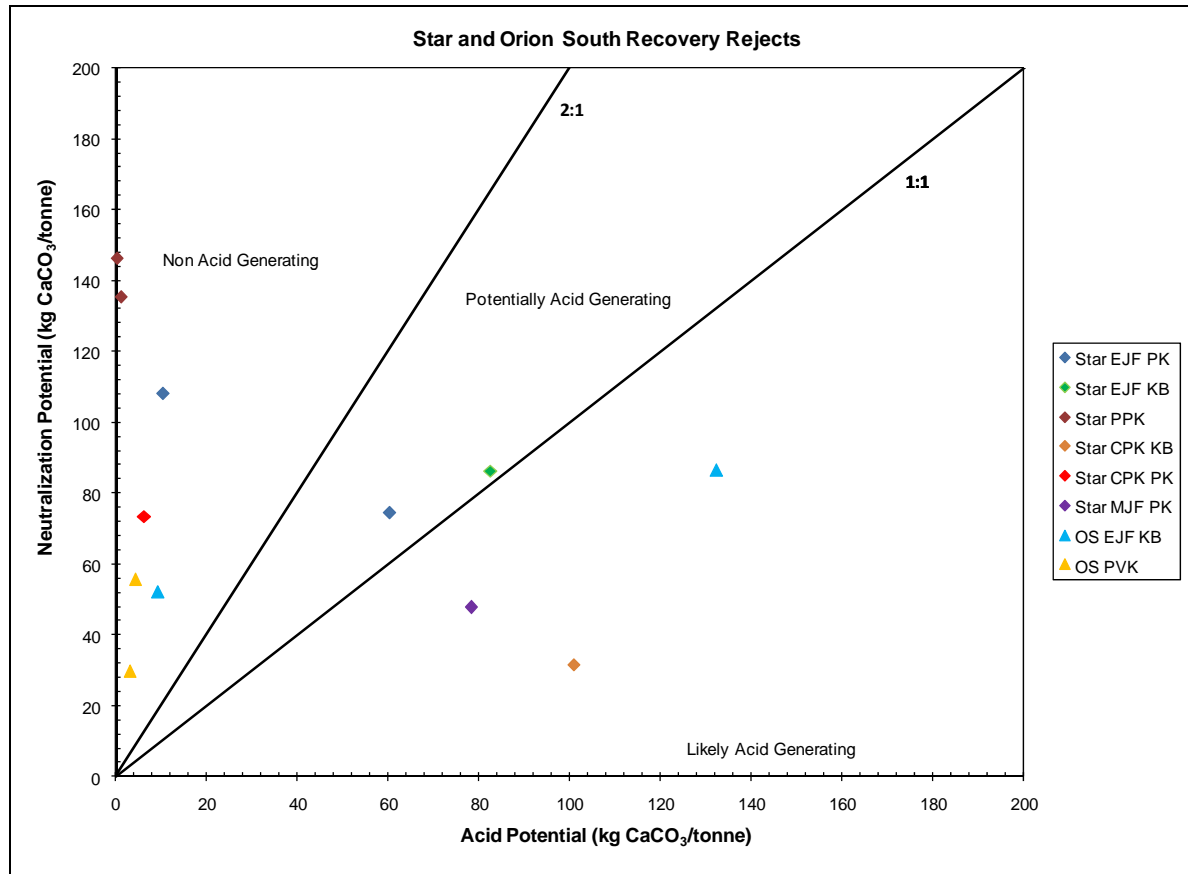


Figure 5.2.3-15: Scatter Plot of NP versus AP for Recovery Rejects

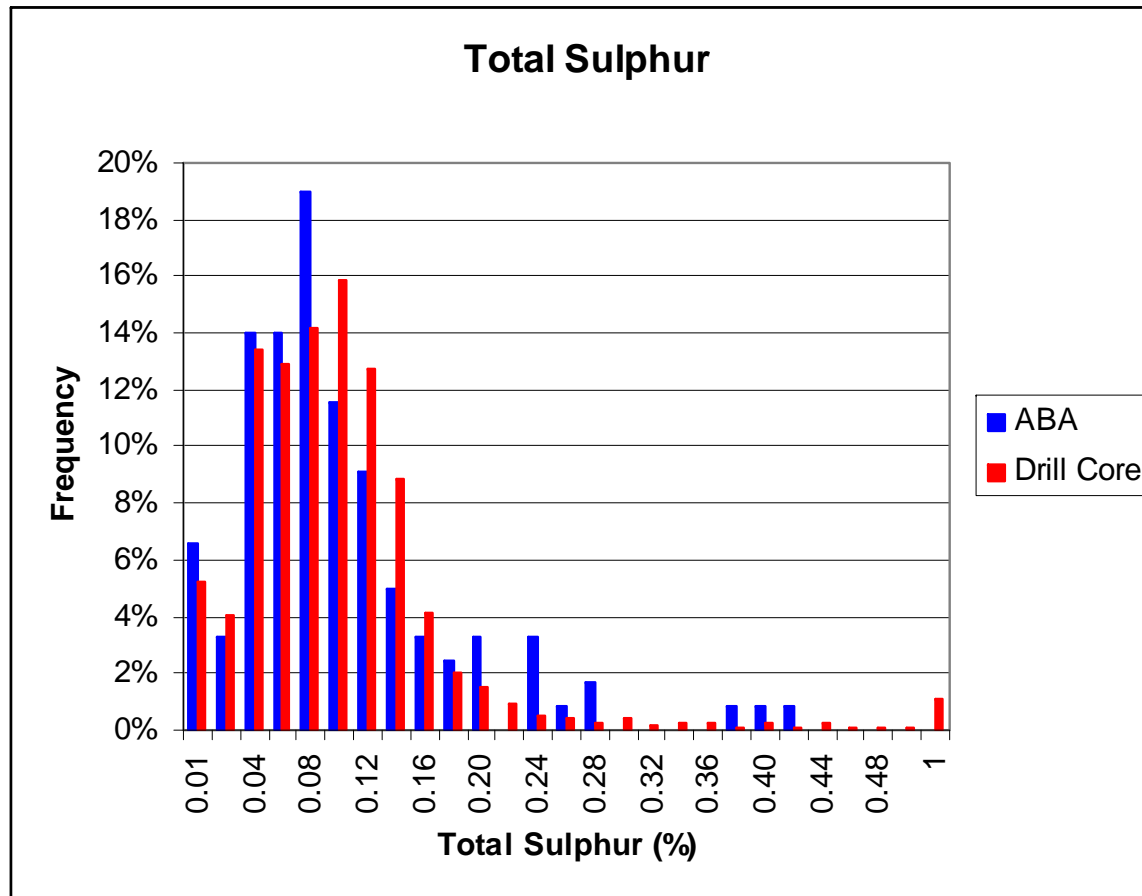


Figure 5.2.3-16: Histograms of Total Sulphur in ABA and Drill Core Databases

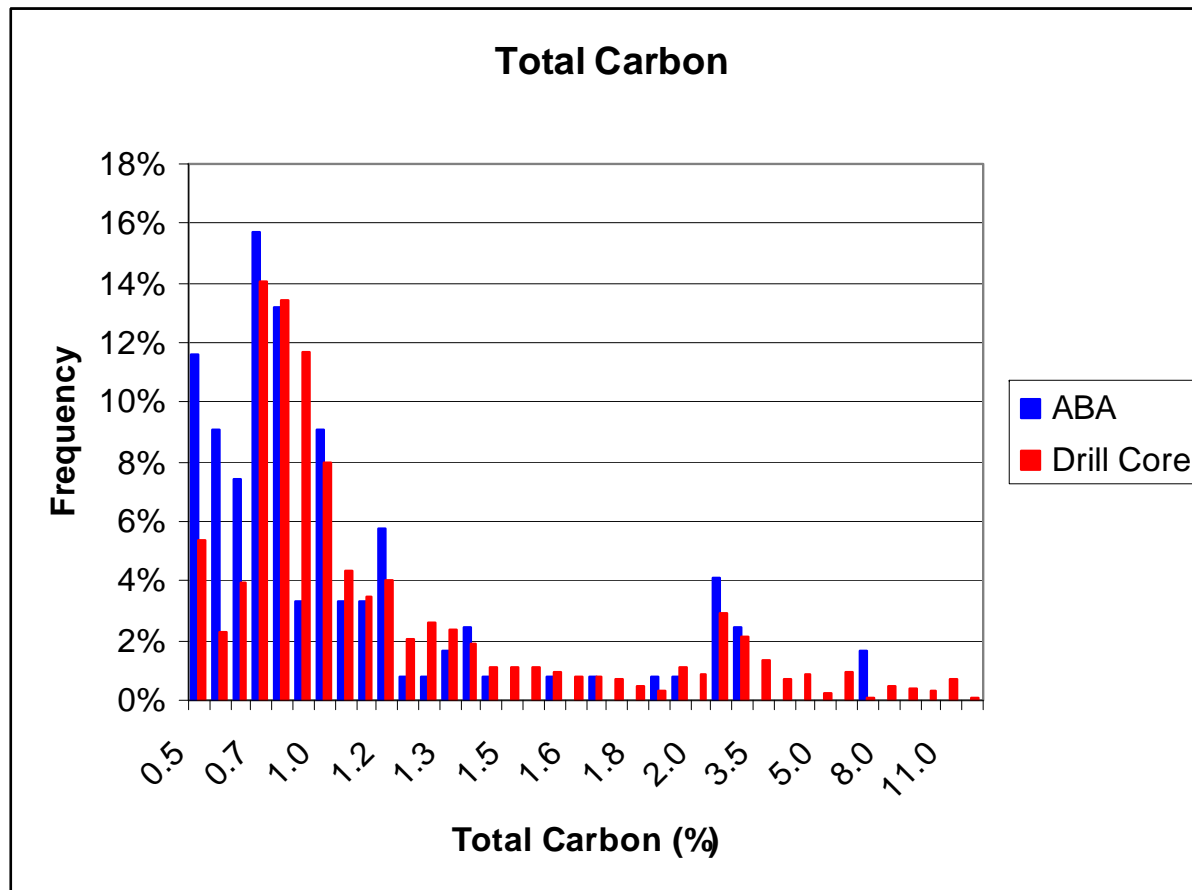


Figure 5.2.3-17: Histograms of Total Carbon in ABA and Drill Core Databases

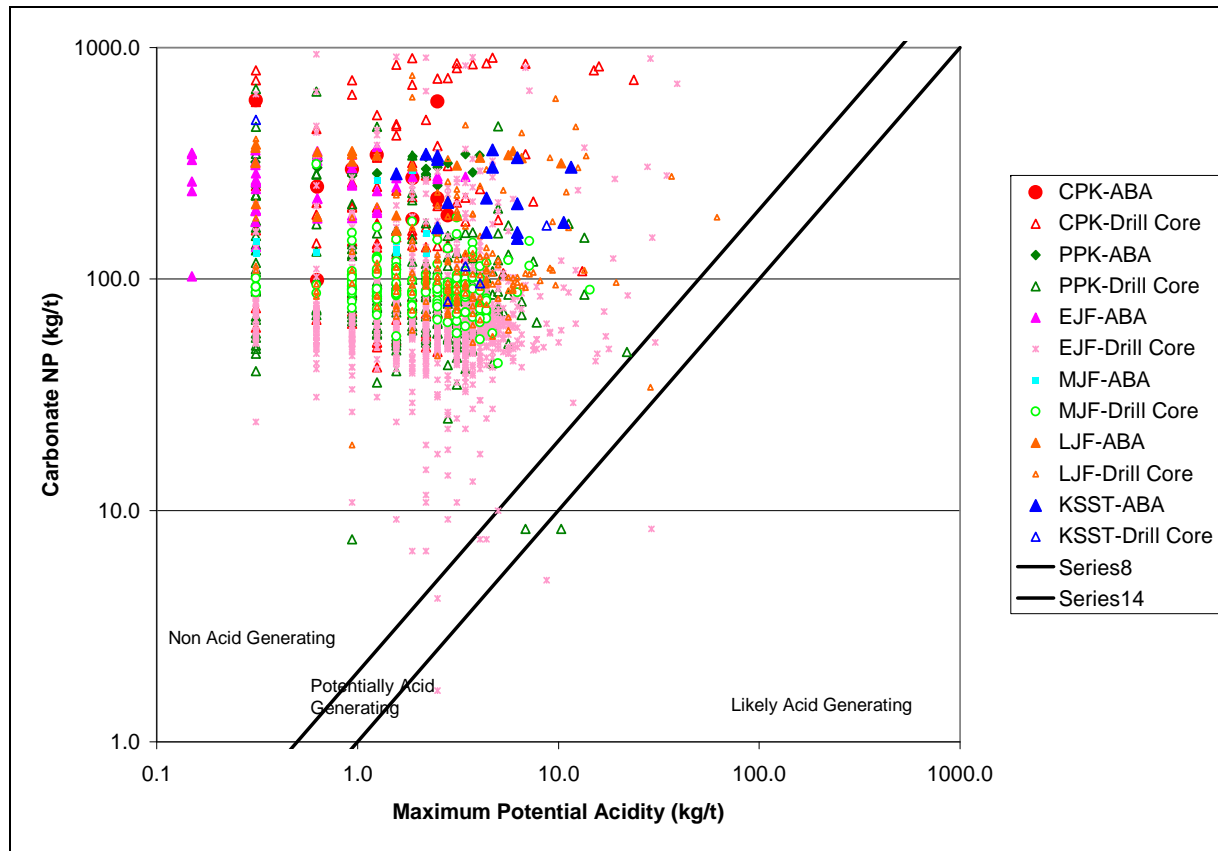


Figure 5.2.3-18: Surrogate NP versus Surrogate AP for Kimberlite Facies

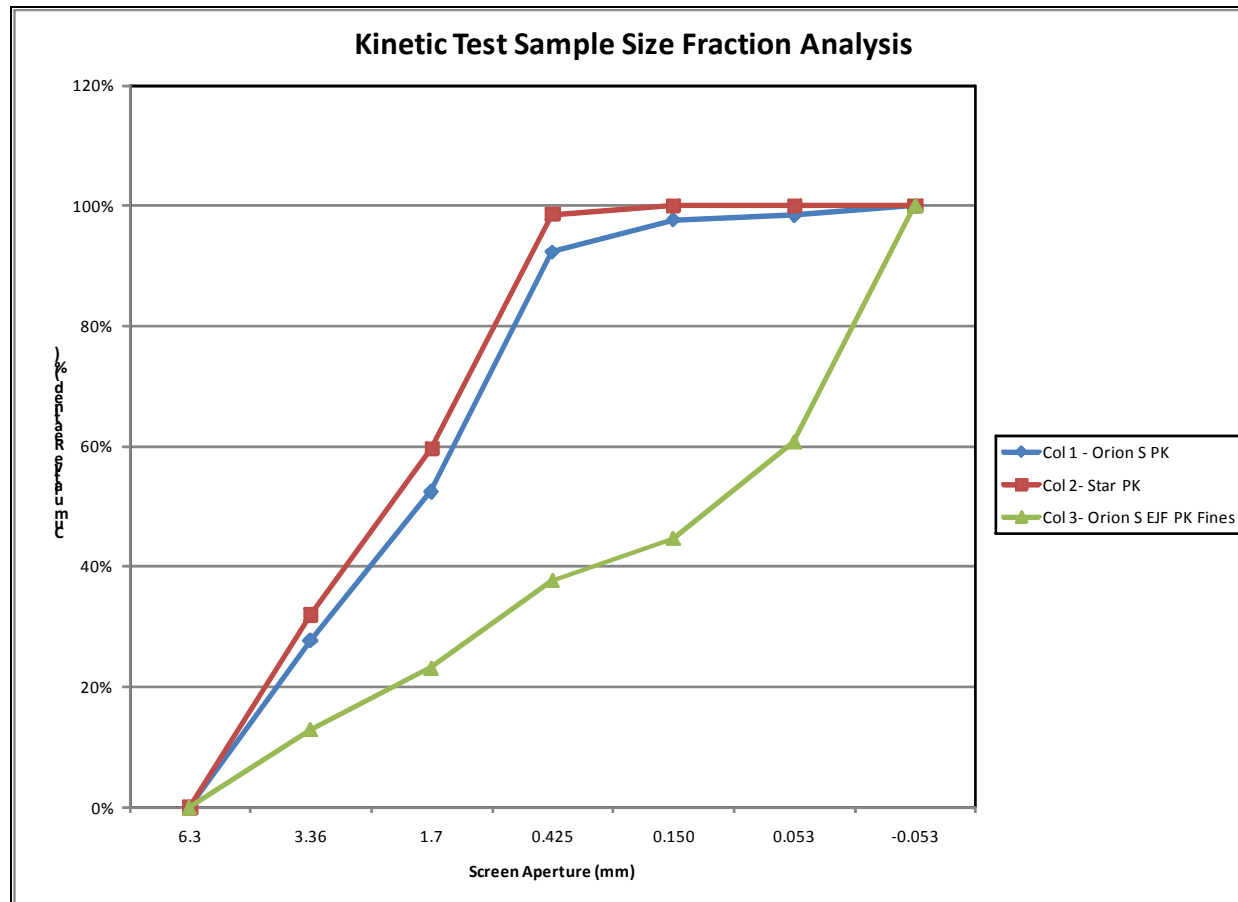


Figure 5.2.3-19: Grain Size Analysis for PK Samples Used in Kinetic Tests

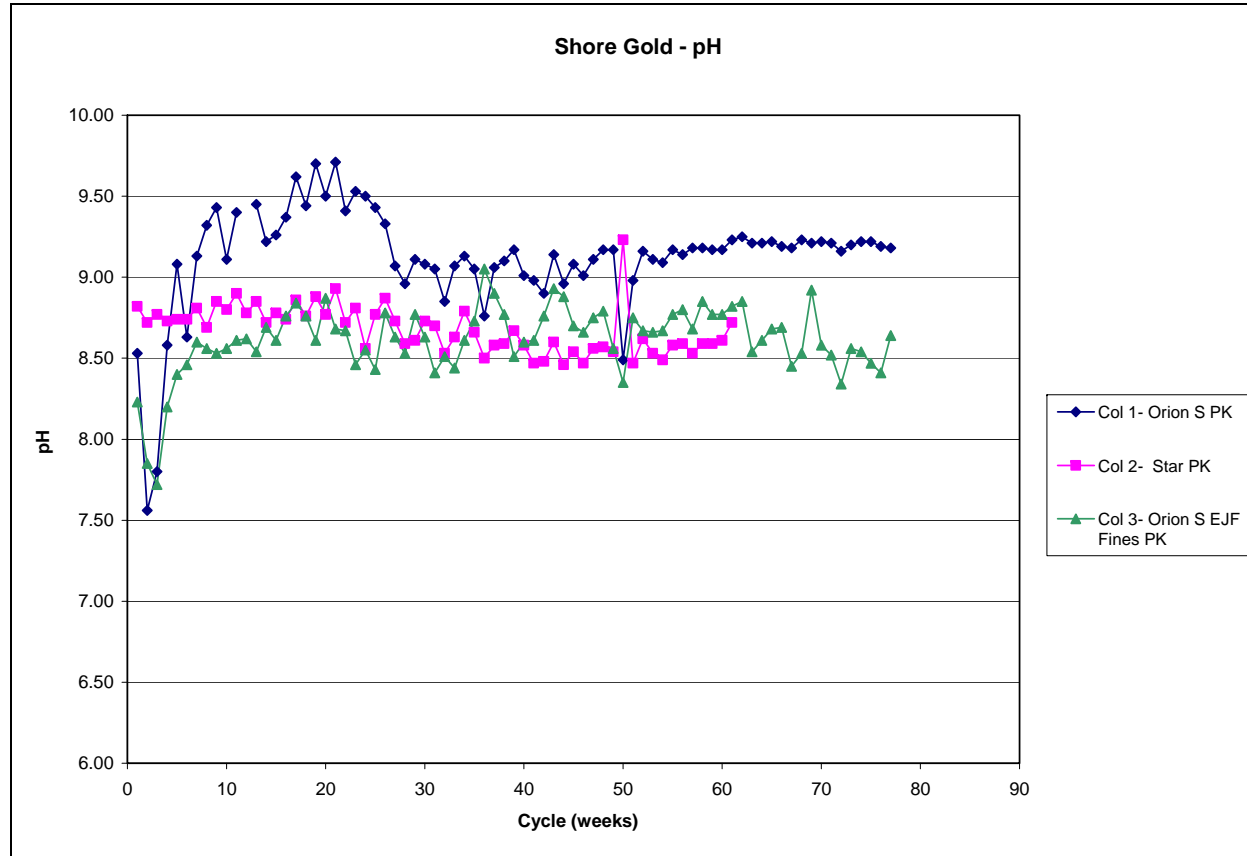


Figure 5.2.3-20: Processed Kimberlite Leachate pH

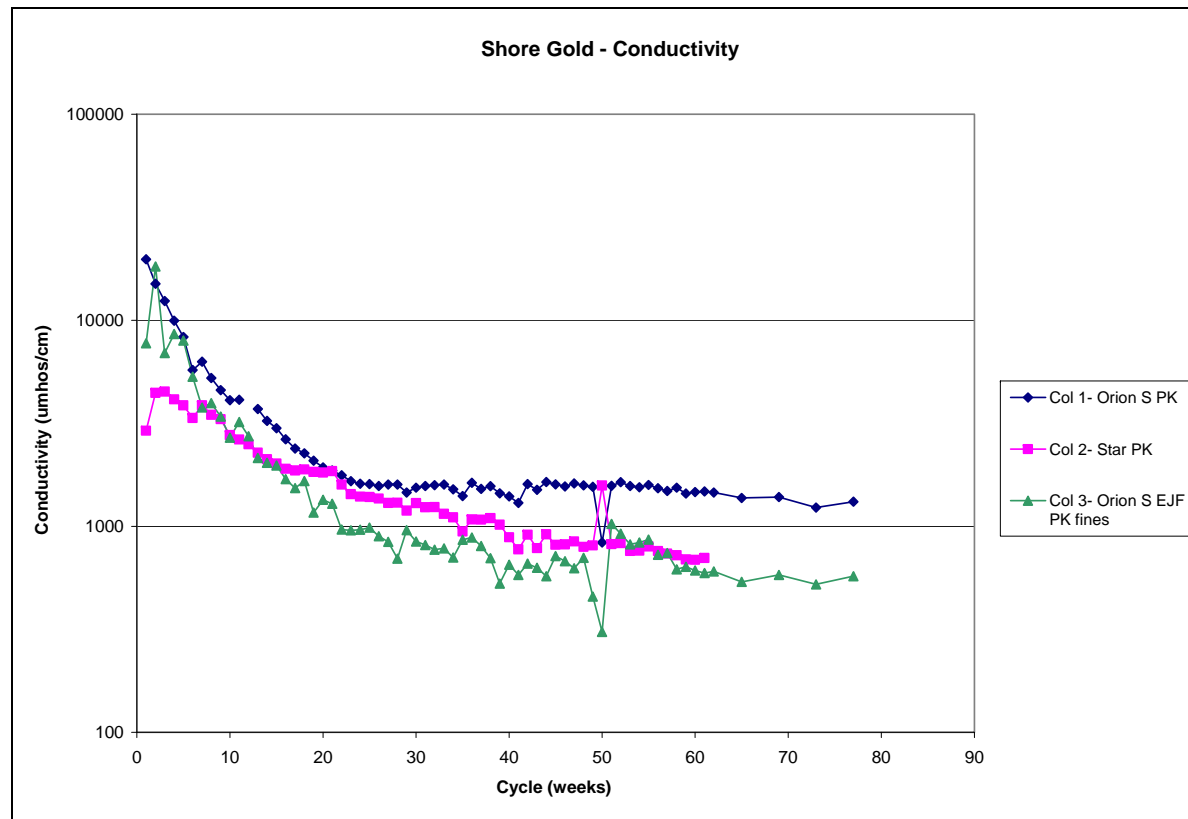


Figure 5.2.3-21: Processed Kimberlite Leachate Conductivity Load

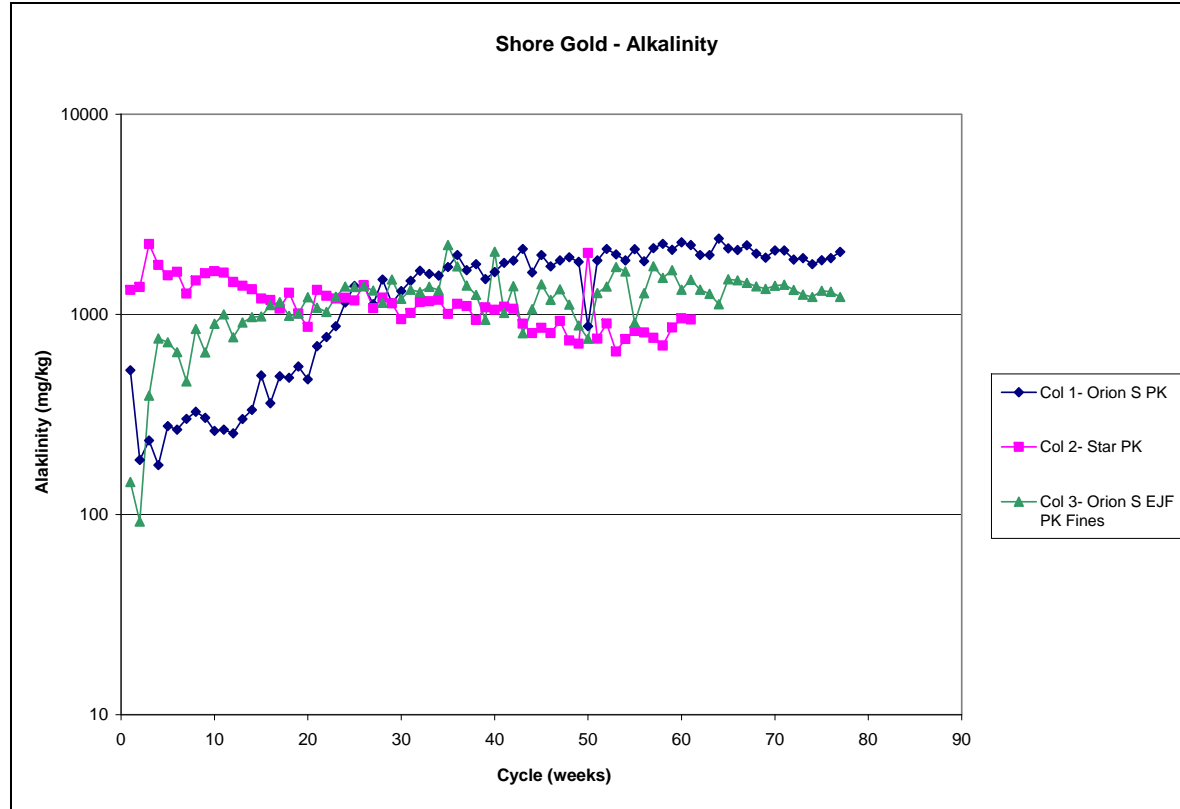


Figure 5.2.3-22: Processed Kimberlite Leachate Alkalinity Load

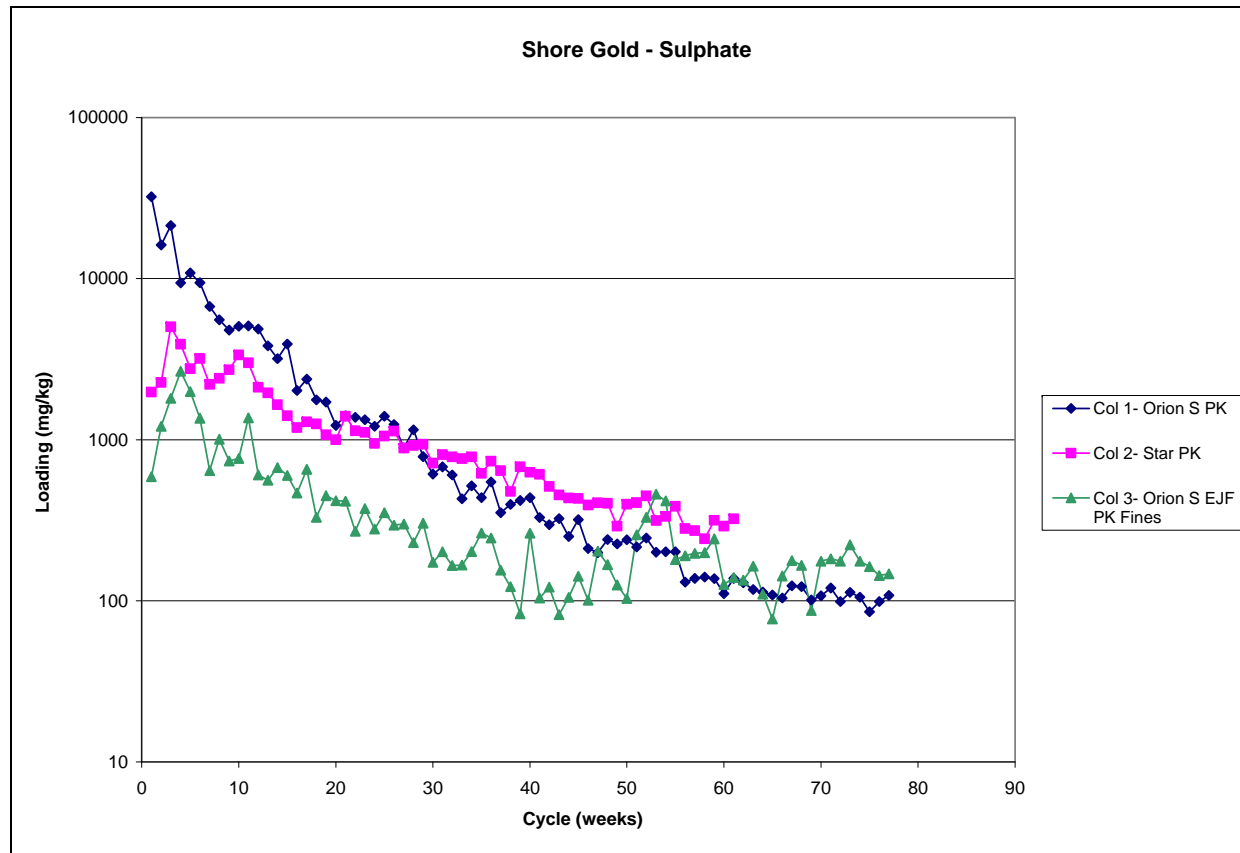


Figure 5.2.3-23: Processed Kimberlite Leachate Sulphate Load

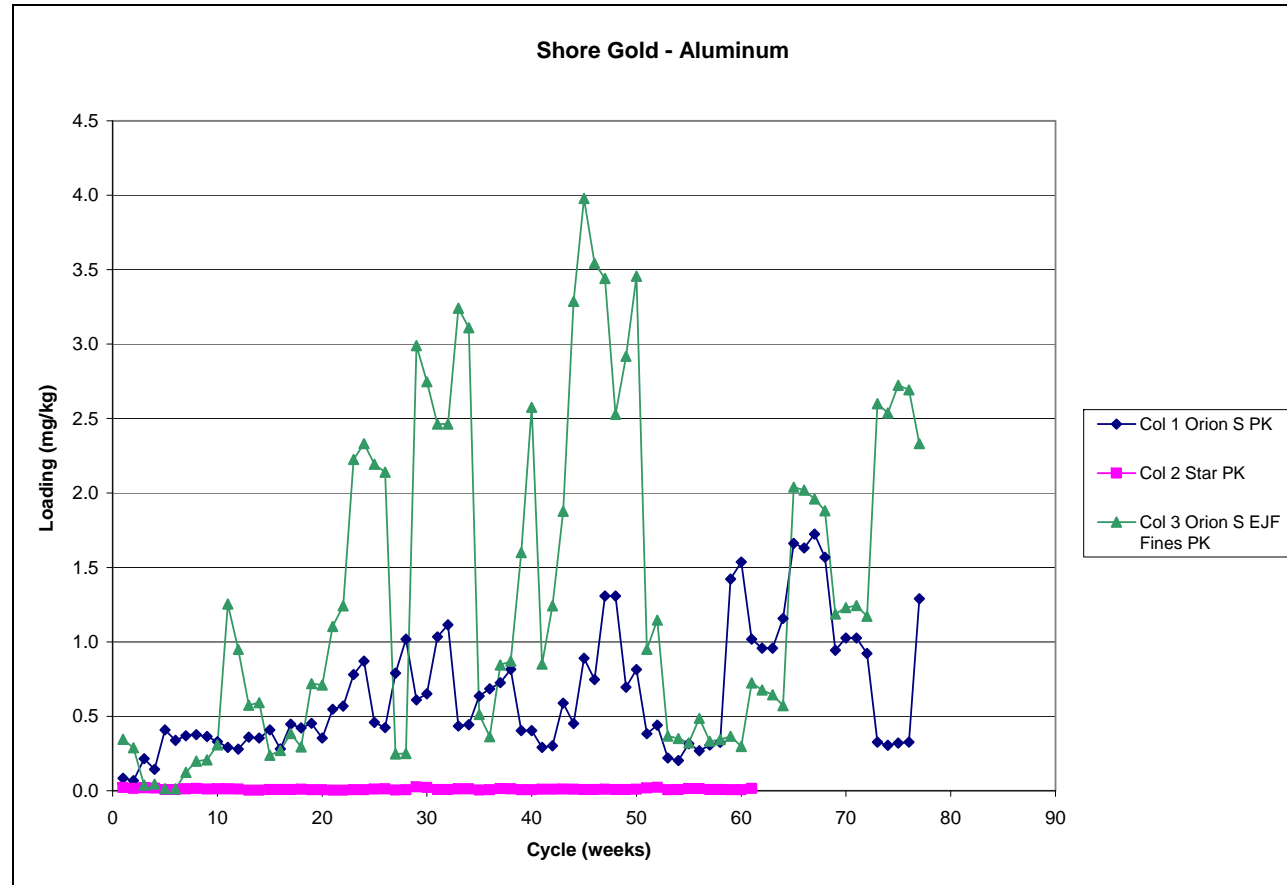


Figure 5.2.3-24: Processed Kimberlite Leachate Aluminum Load

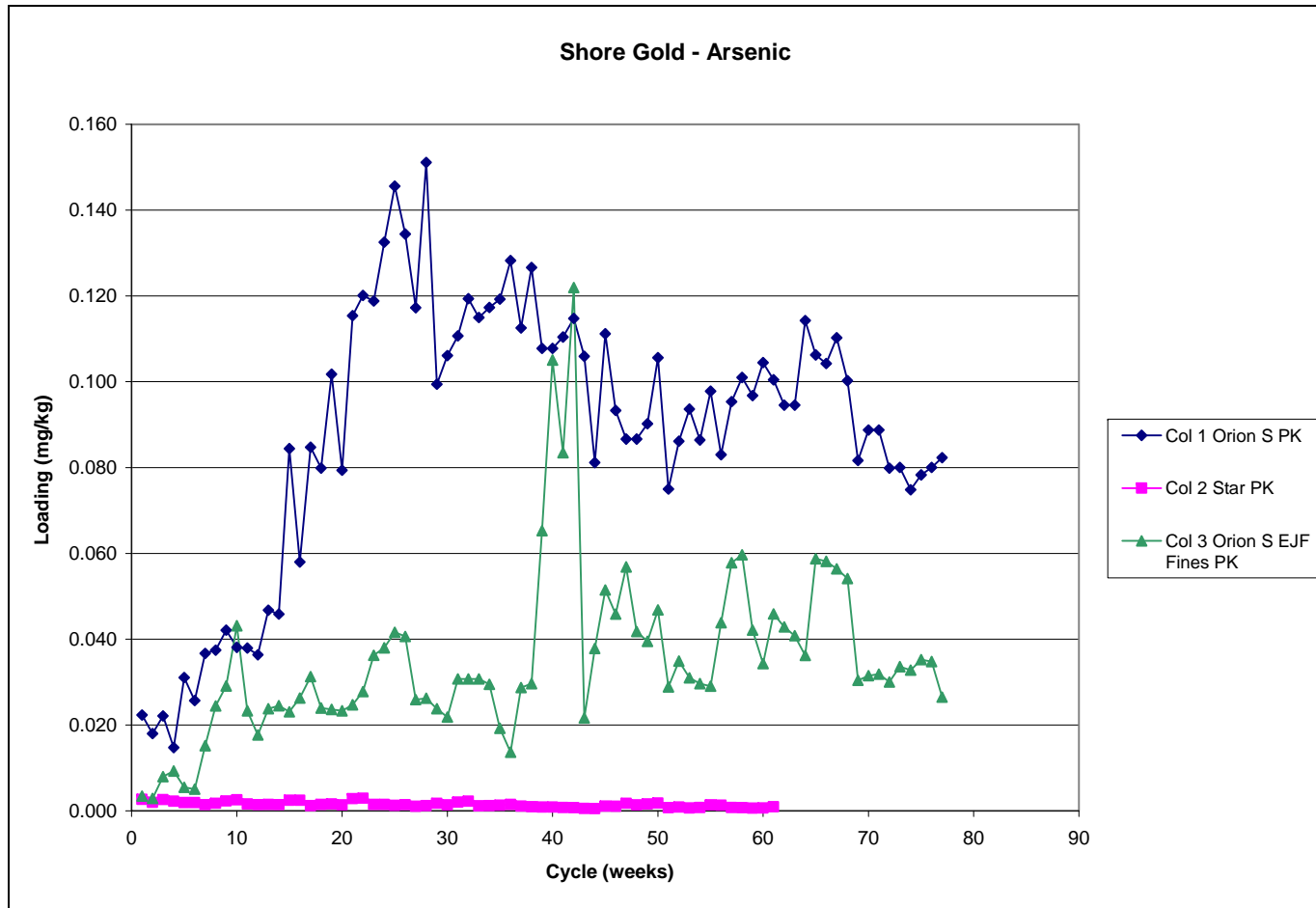


Figure 5.2.3-25: Processed Kimberlite Leachate Arsenic Load

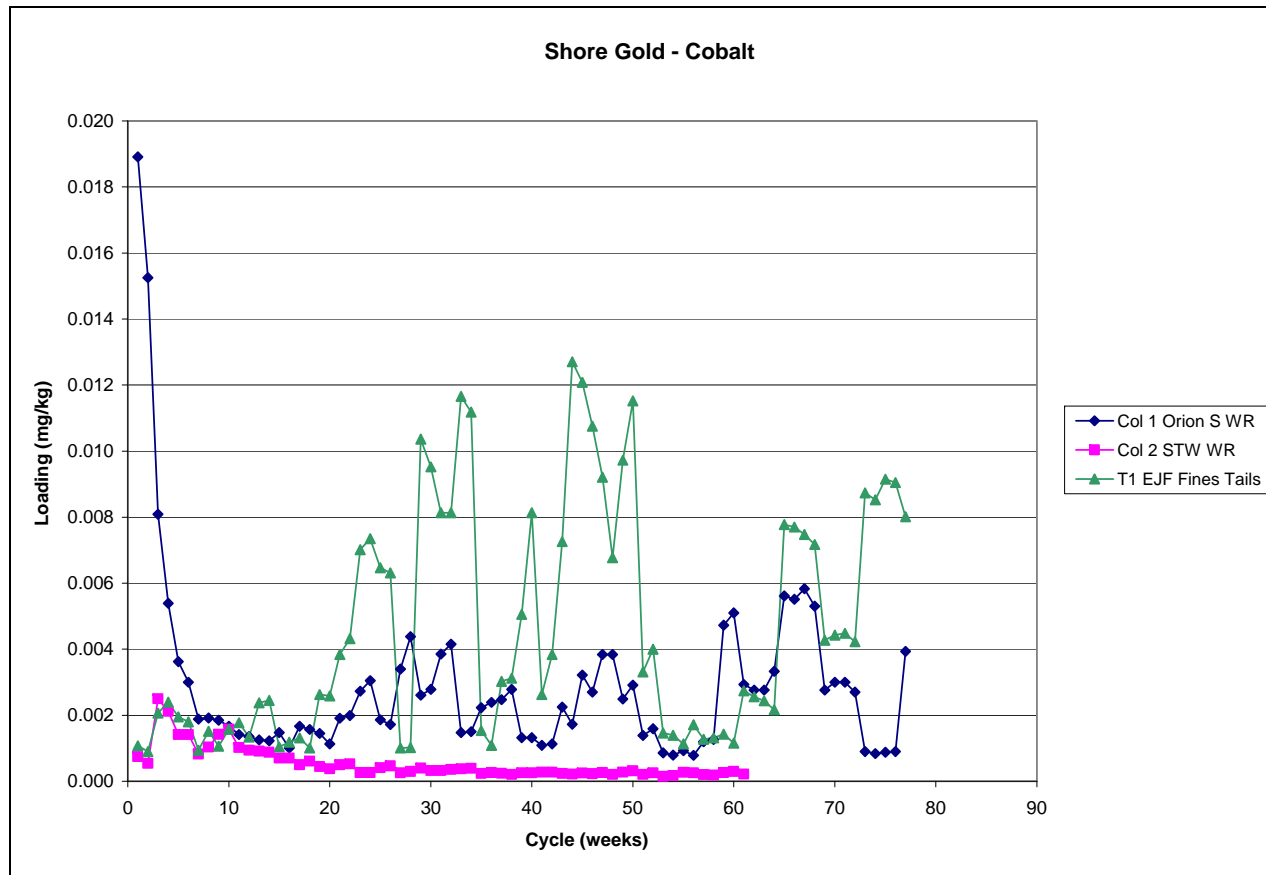


Figure 5.2.3-26: Processed Kimberlite Leachate Cobalt Load

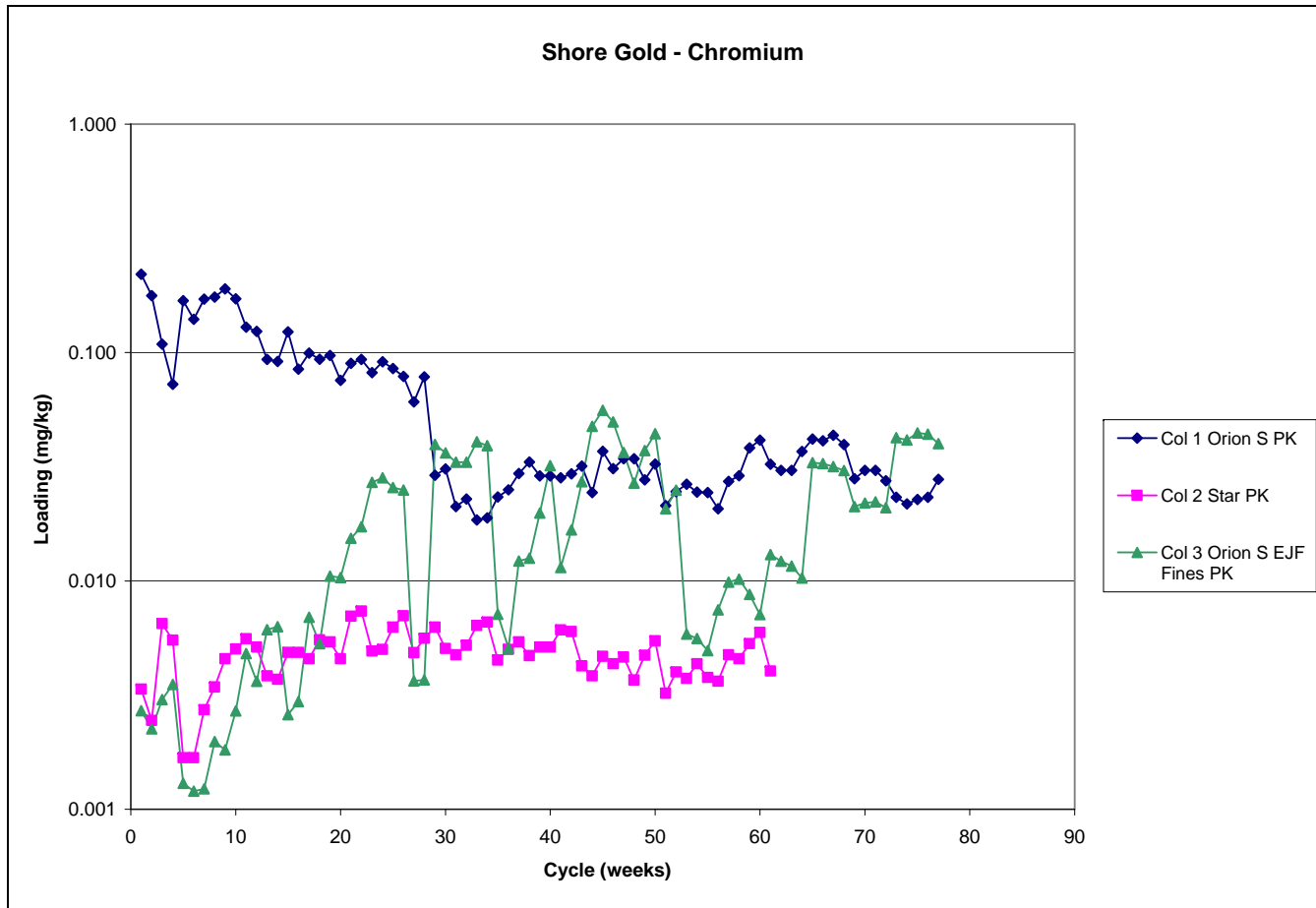


Figure 5.2.3-27: Processed Kimberlite Leachate Chromium Load

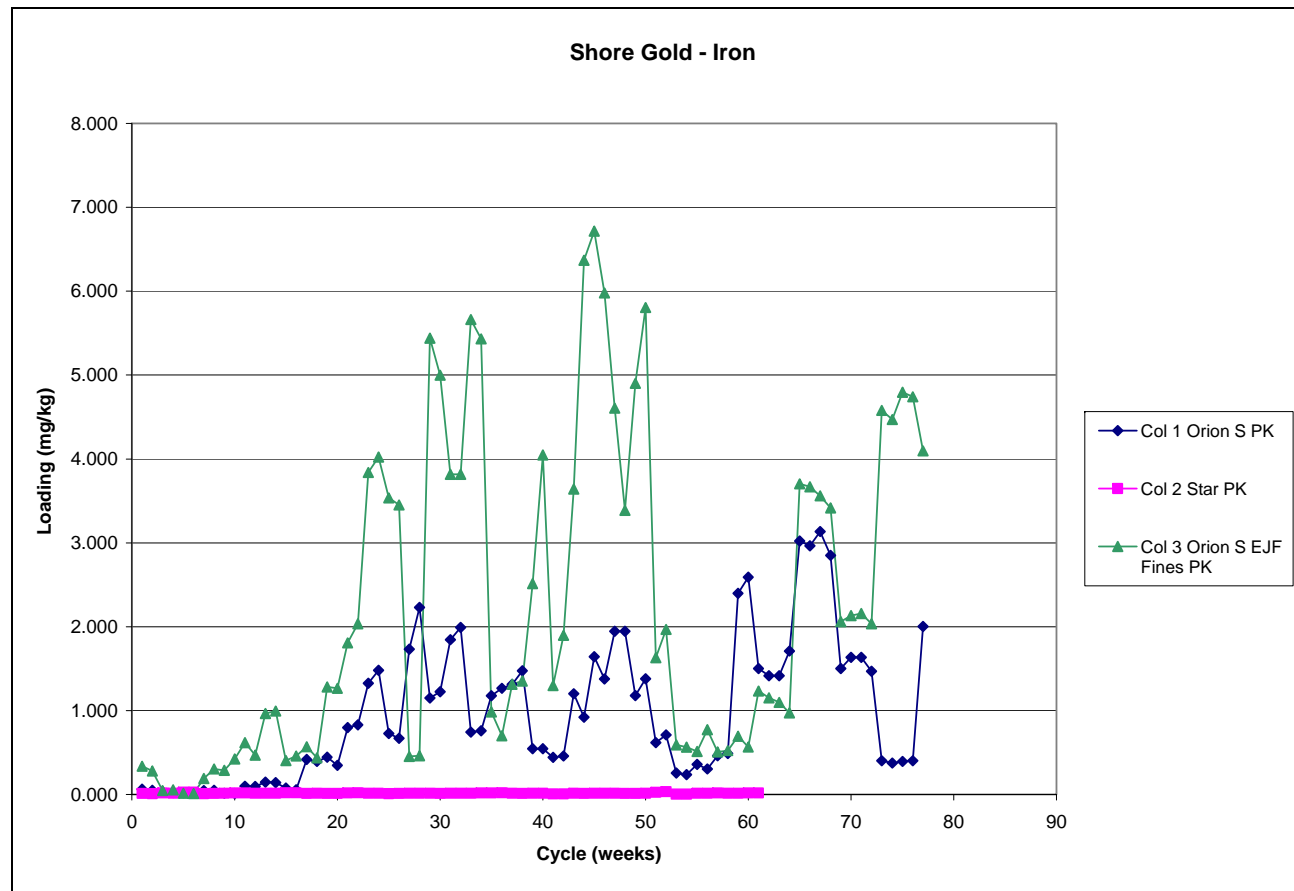


Figure 5.2.3-28: Processed Kimberlite Leachate Iron Load

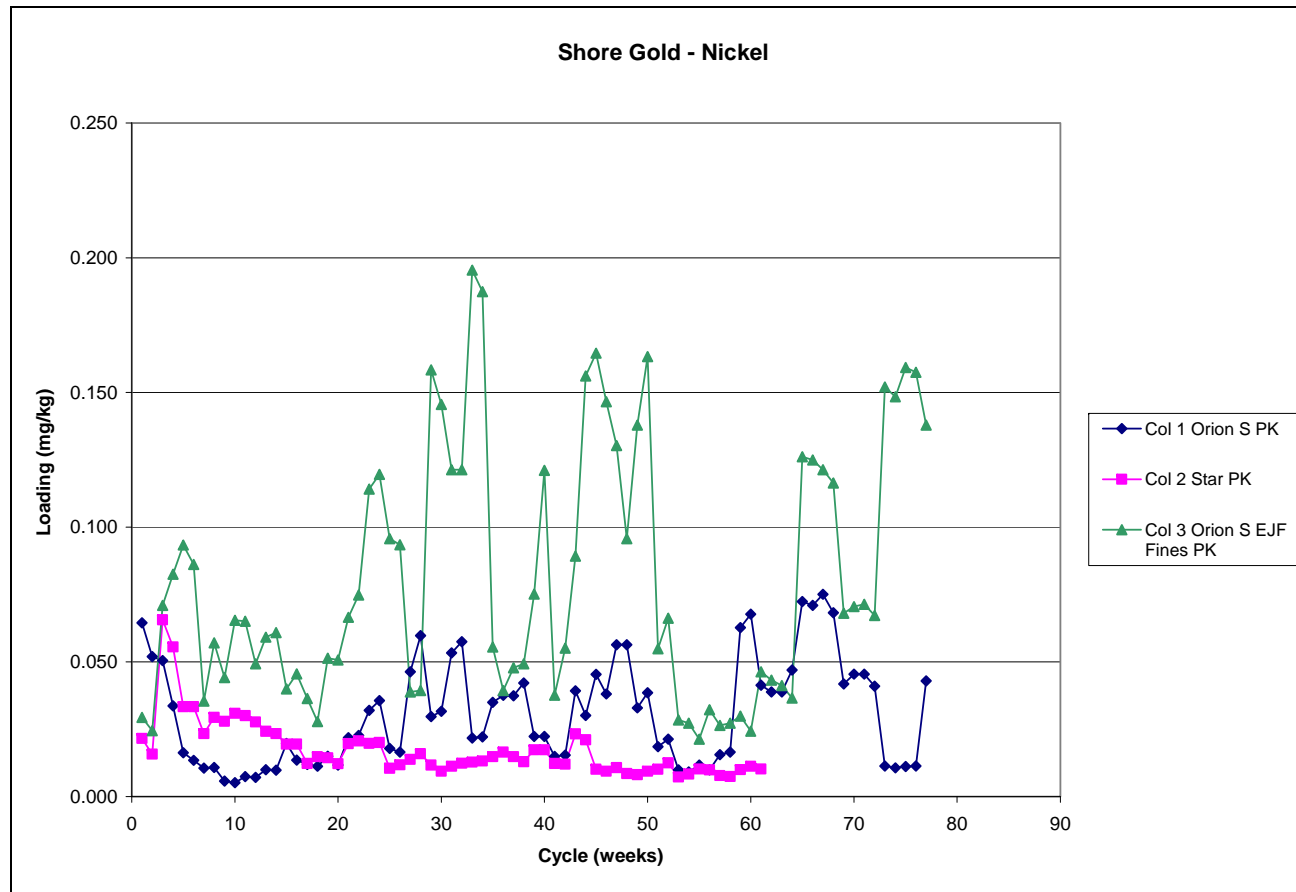


Figure 5.2.3-29: Processed Kimberlite Leachate Nickel Load

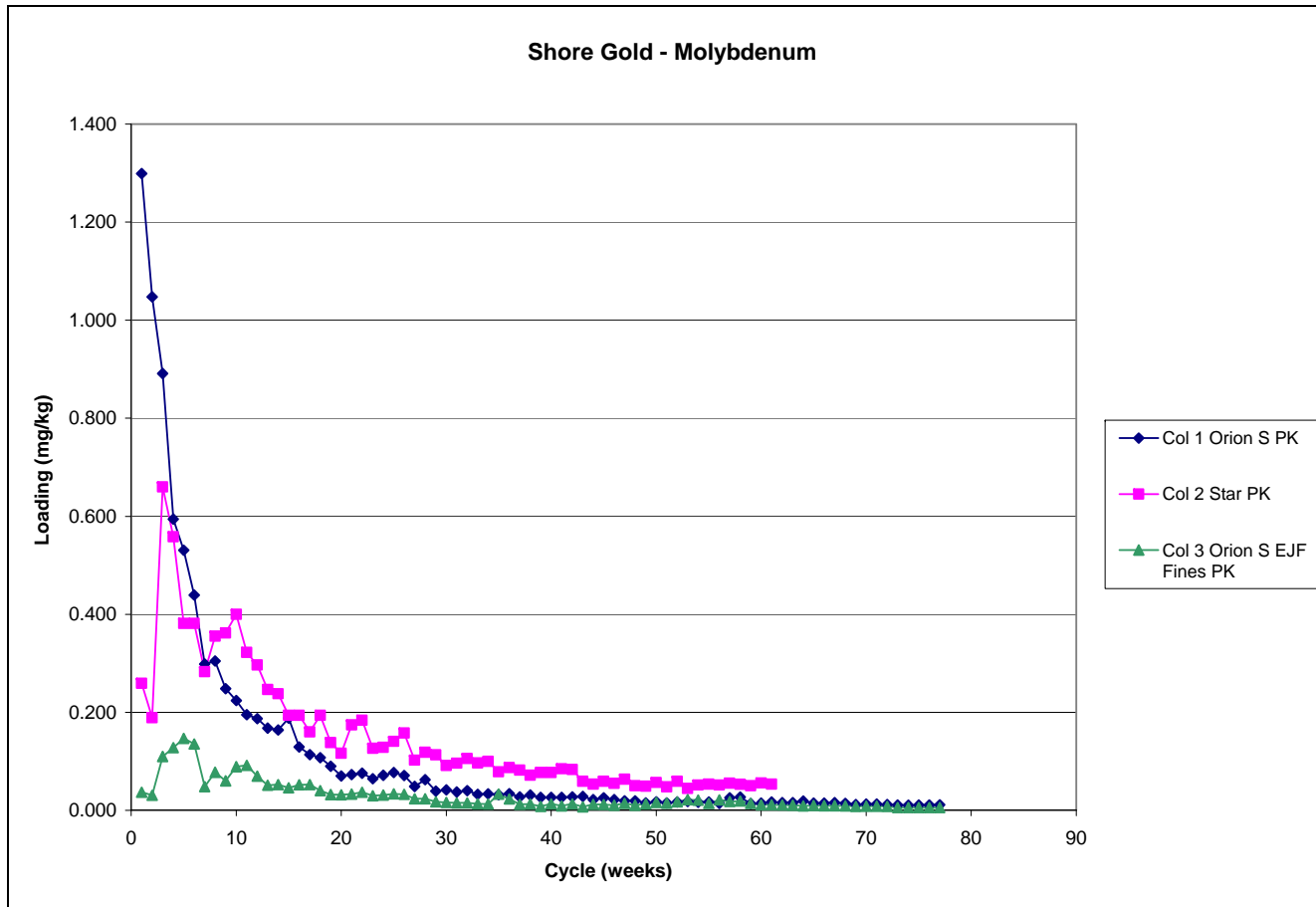


Figure 5.2.3-30: Processed Kimberlite Leachate Molybdenum Load

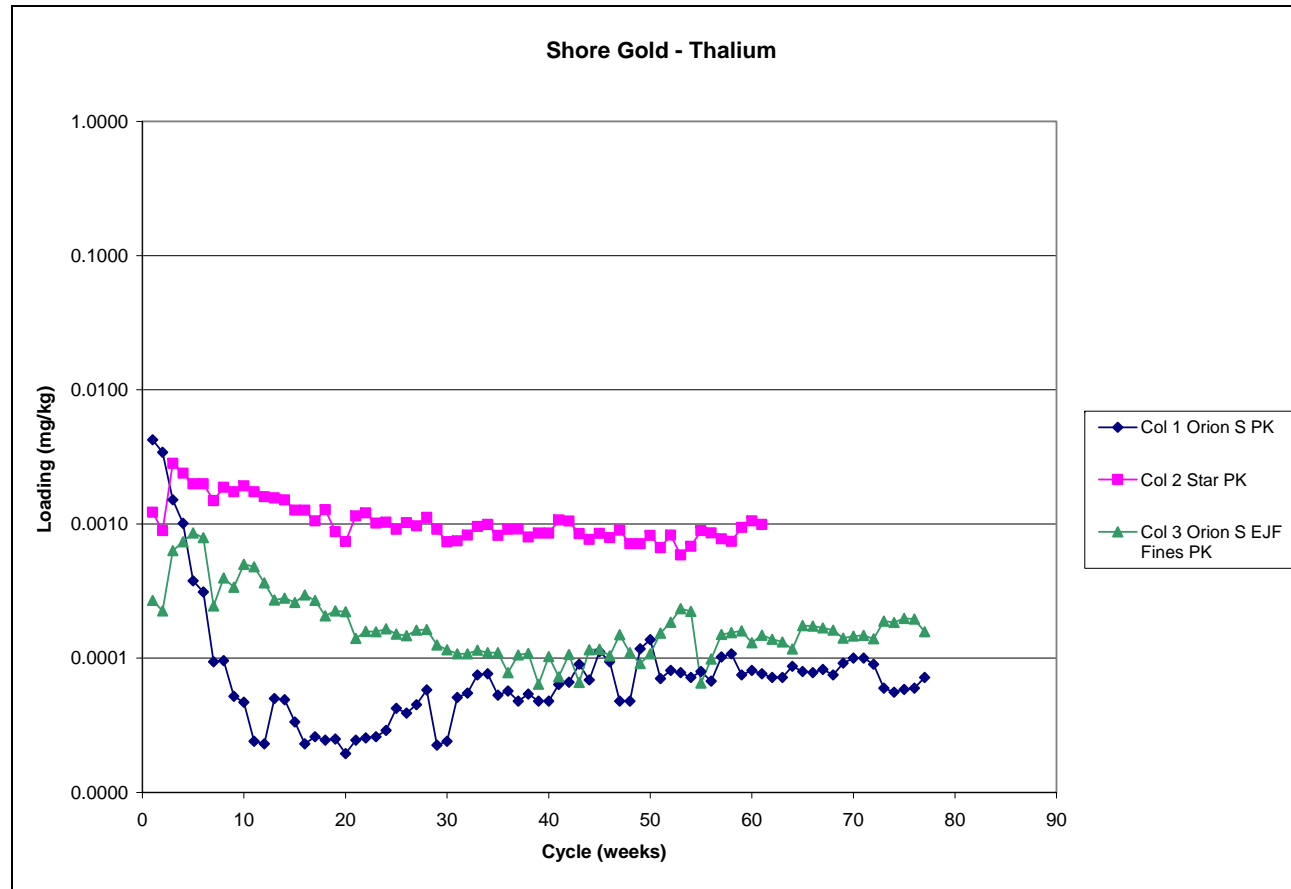


Figure 5.2.3-31: Processed Kimberlite Leachate Thallium Load

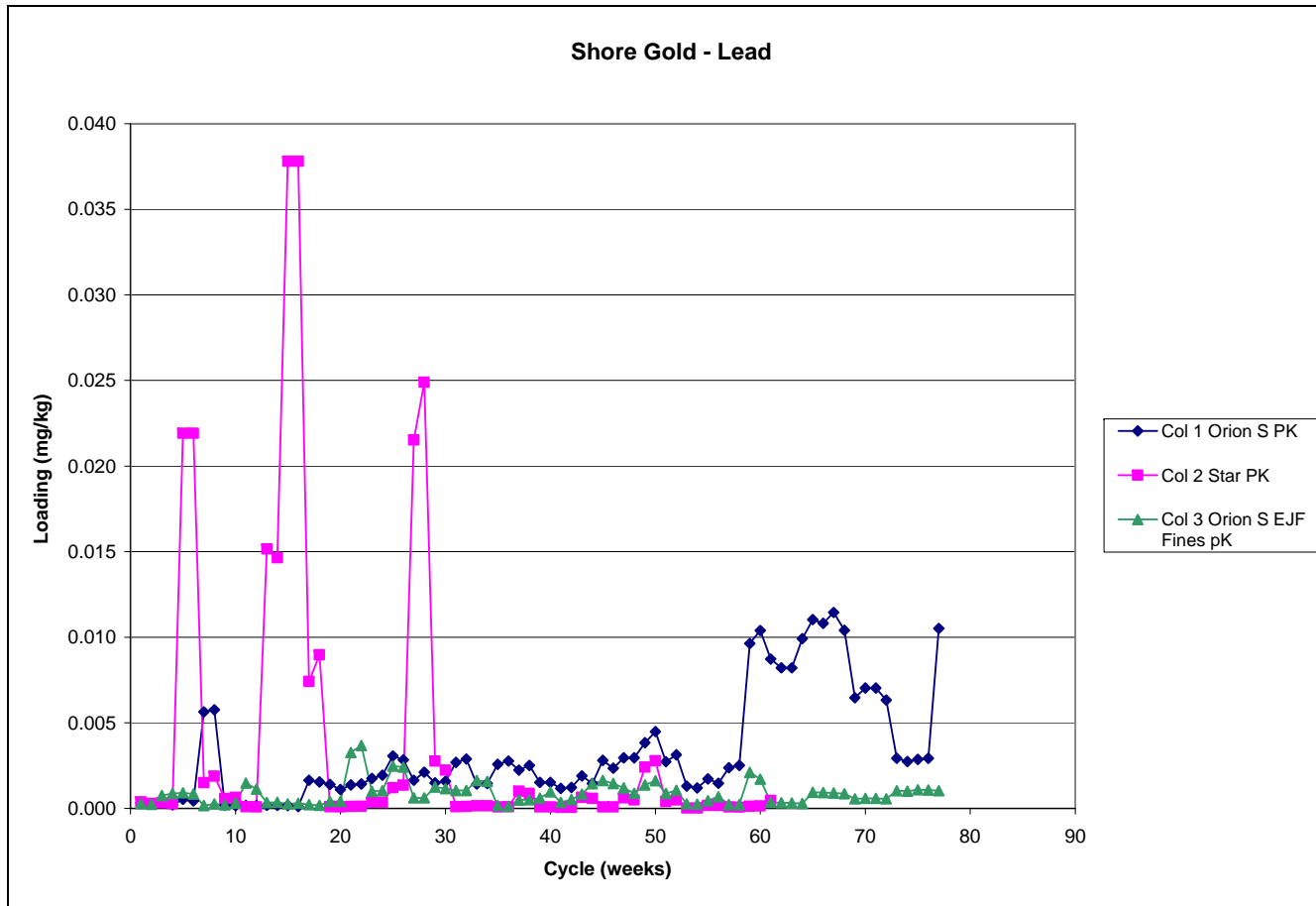


Figure 5.2.3-32 Processed Kimberlite Leachate Lead Load

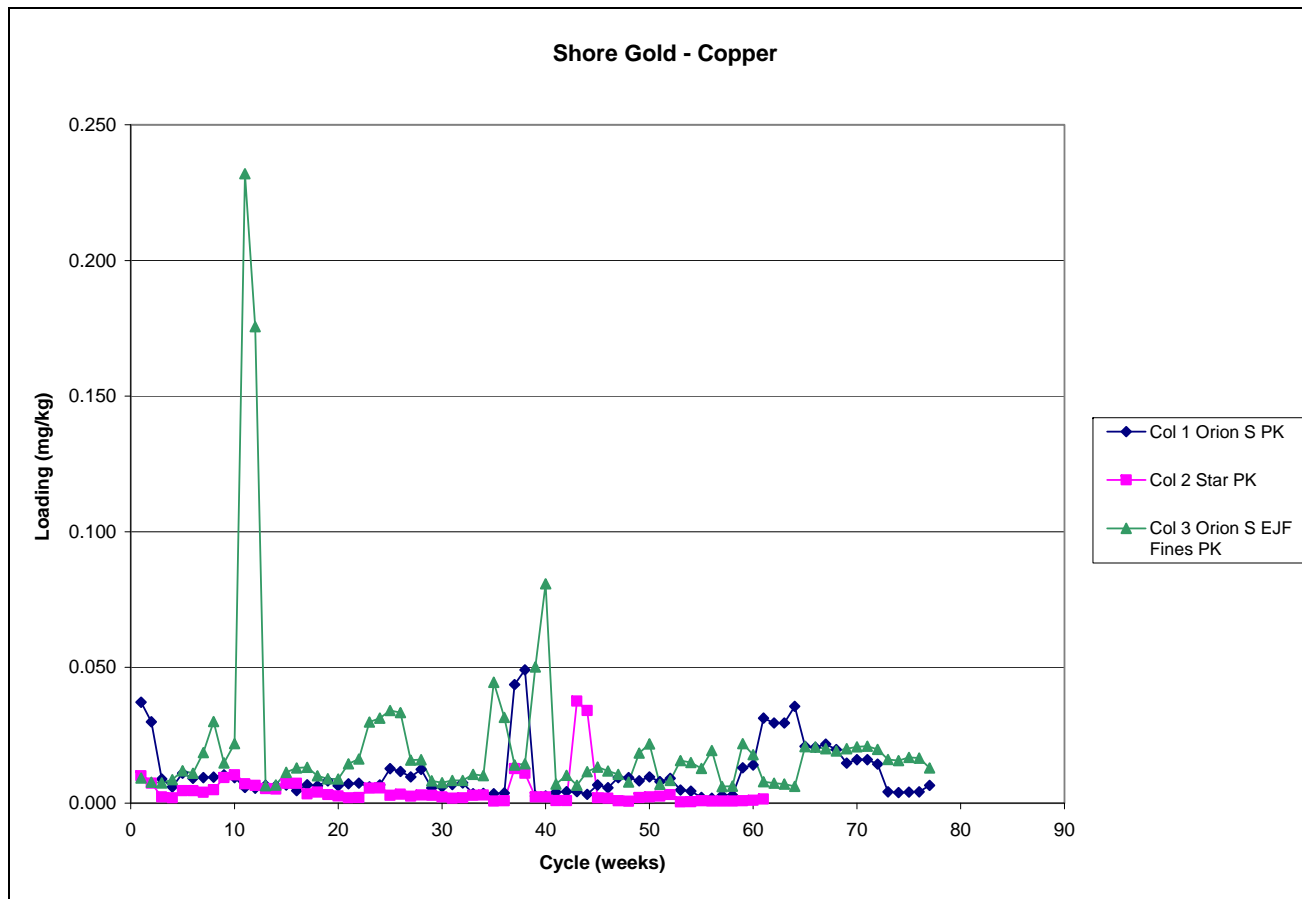


Figure 5.2.3-33: Processed Kimberlite Leachate Copper Load

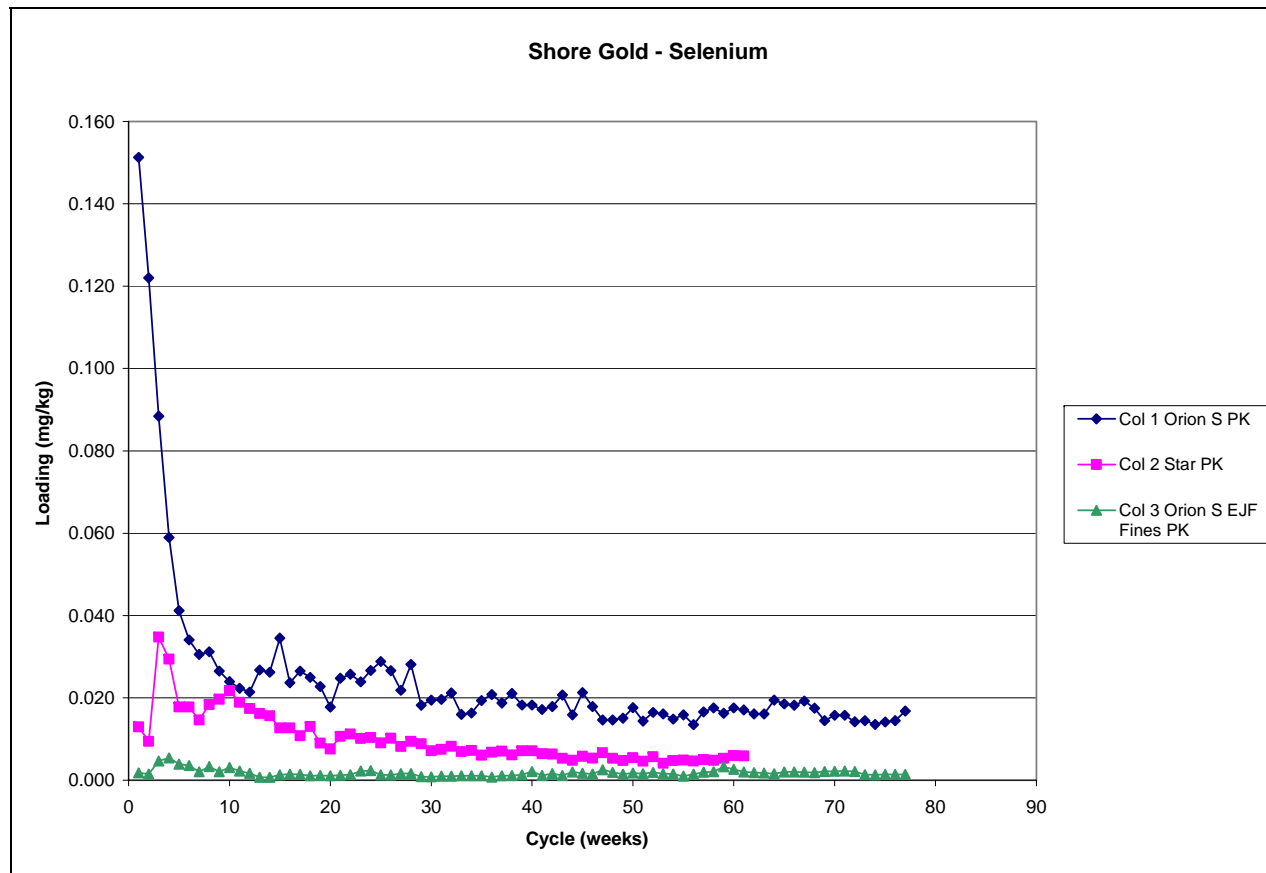


Figure 5.2.3-34: Processed Kimberlite Leachate Selenium Load

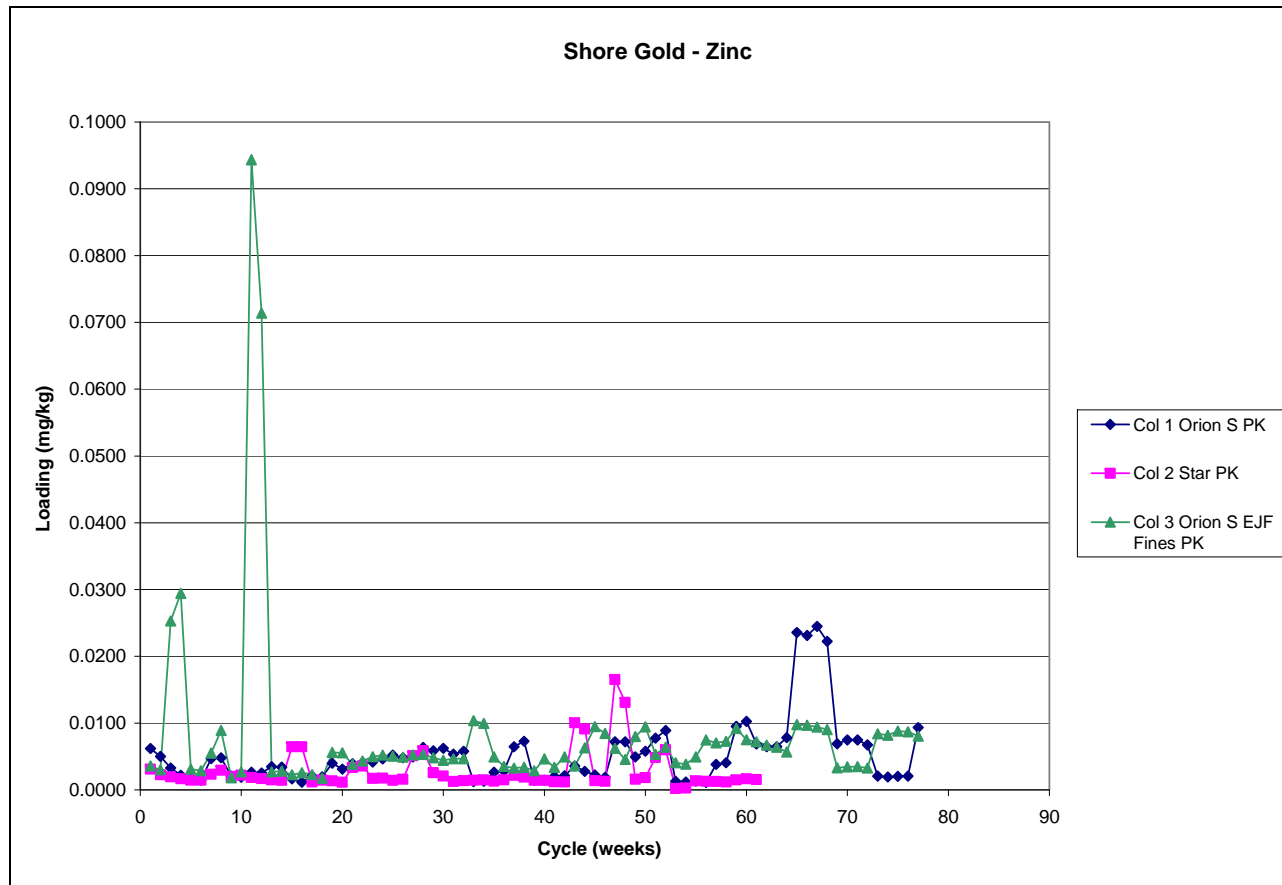


Figure 5.2.3-35: Processed Kimberlite Leachate Zinc Load



Figure 5.2.3-36: Photograph of the Processed Kimberlite Field Test Pads