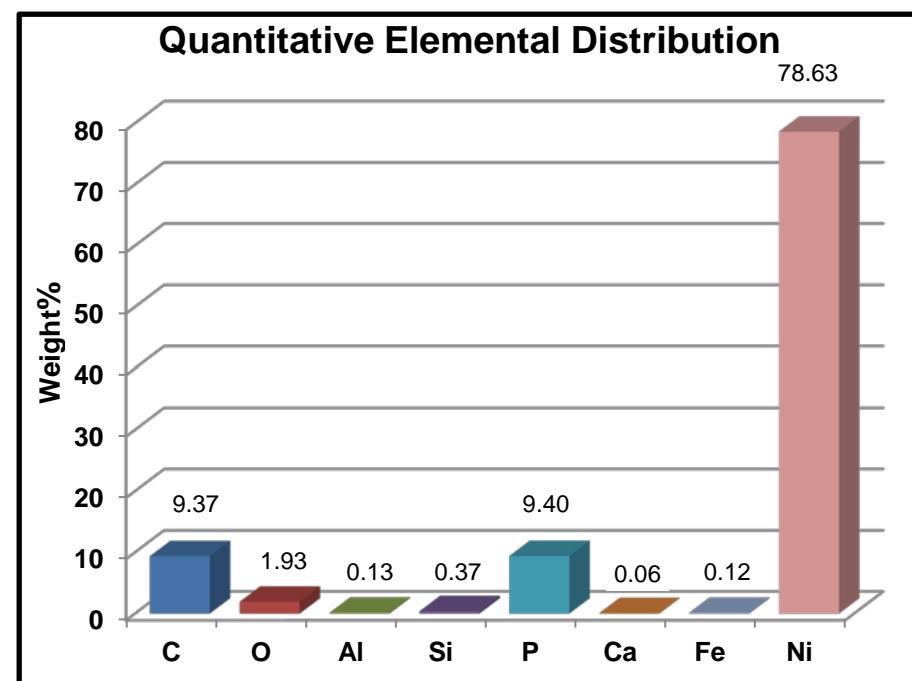
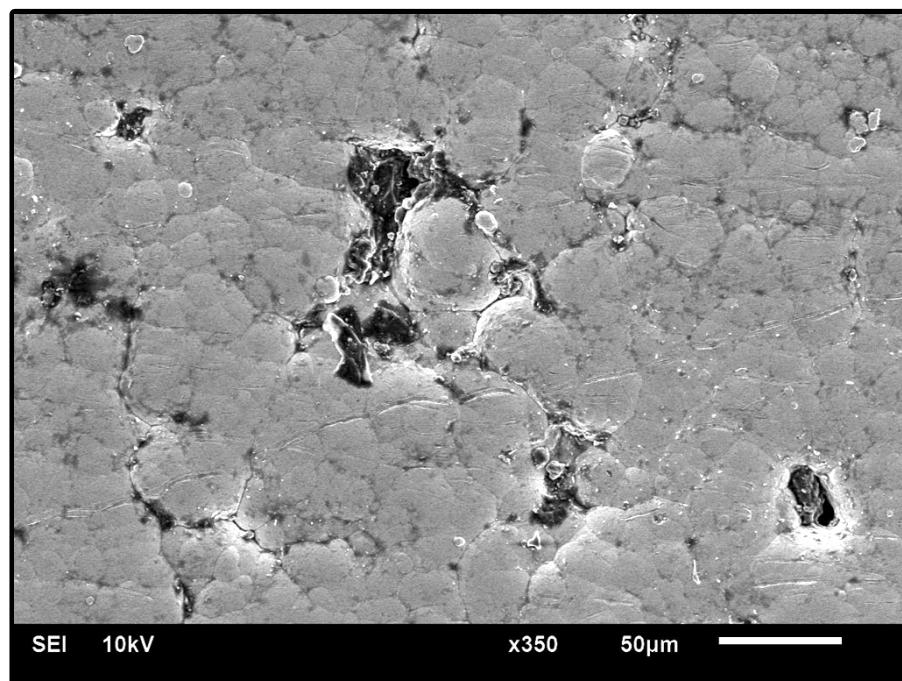
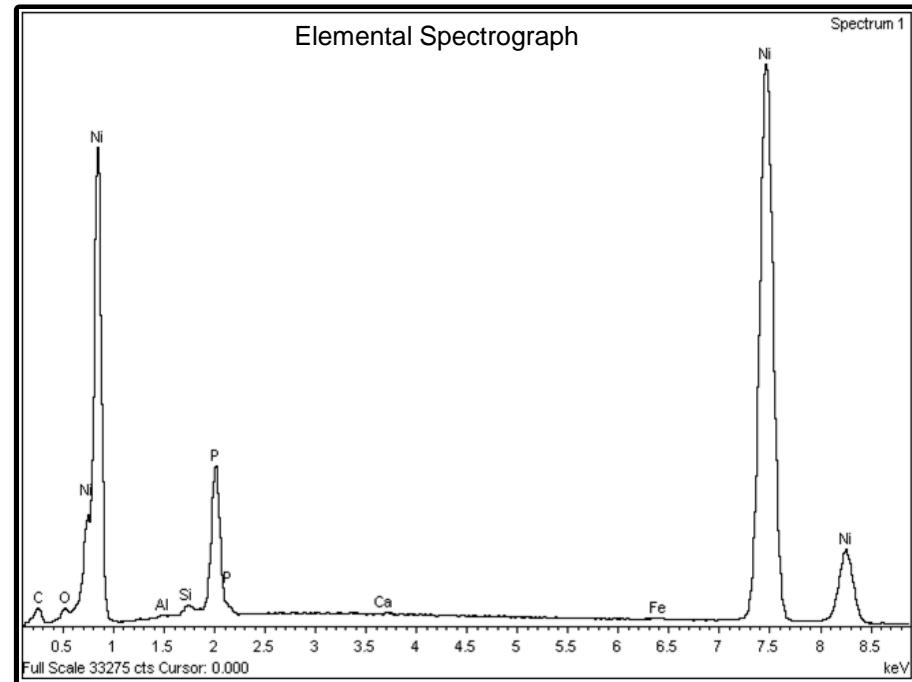


Suncor Energy; File Number: CL-63368

Formation: McMurray, Firebag; Well: 102/11-08-095-06W4/00

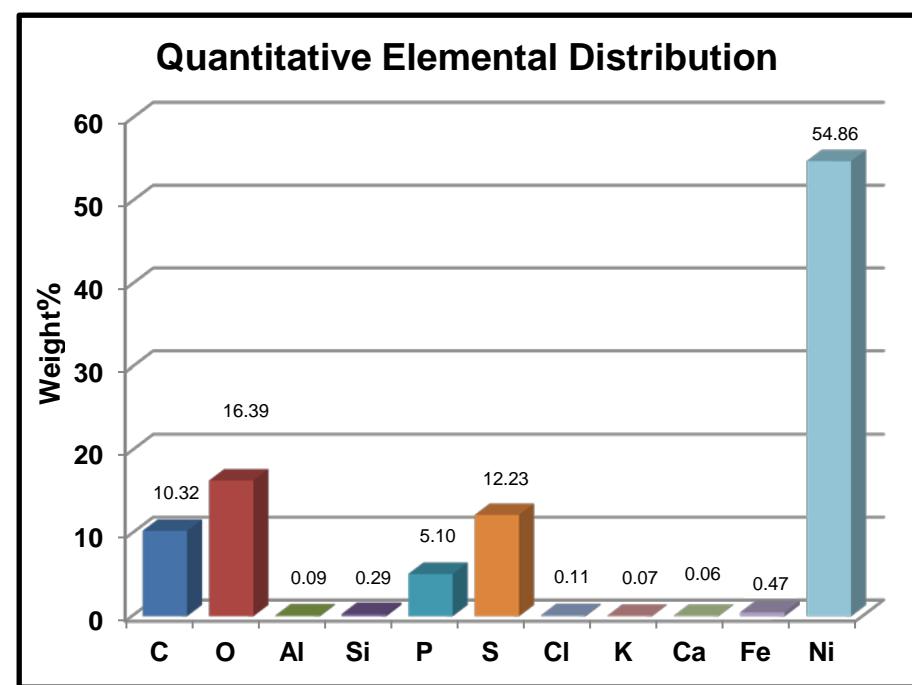
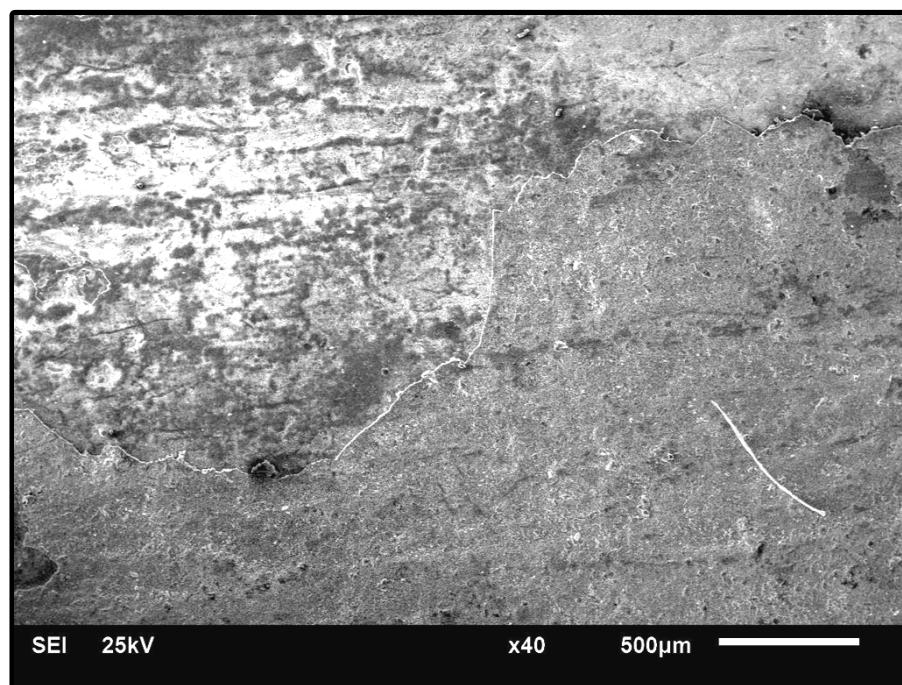
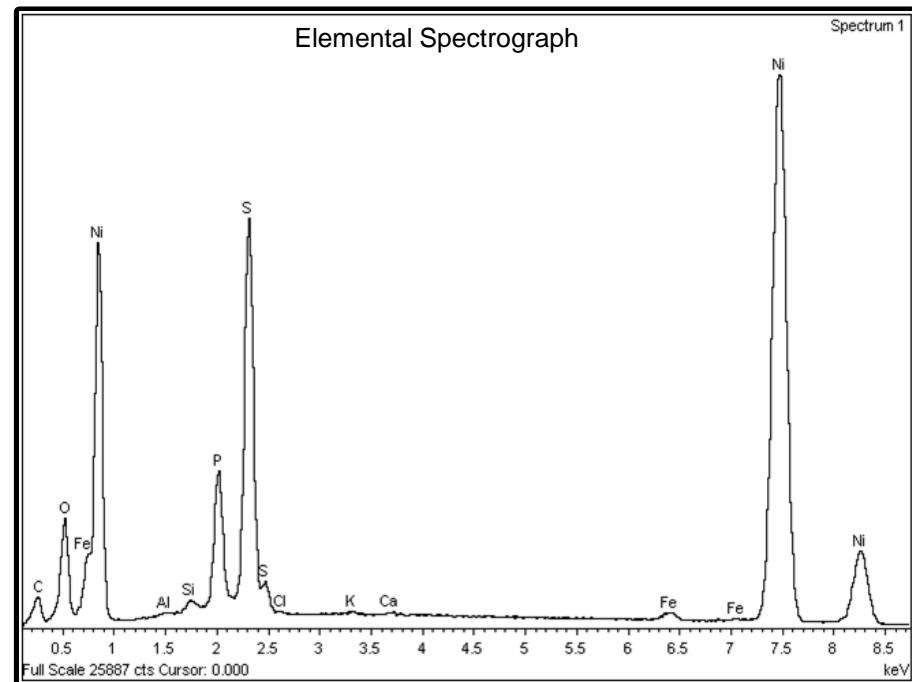
Sample ID: Pre test liner (coupon); corrosion



Suncor Energy; File Number: CL-63368

Formation: McMurray, Firebag; Well: 102/11-08-095-06W4/00

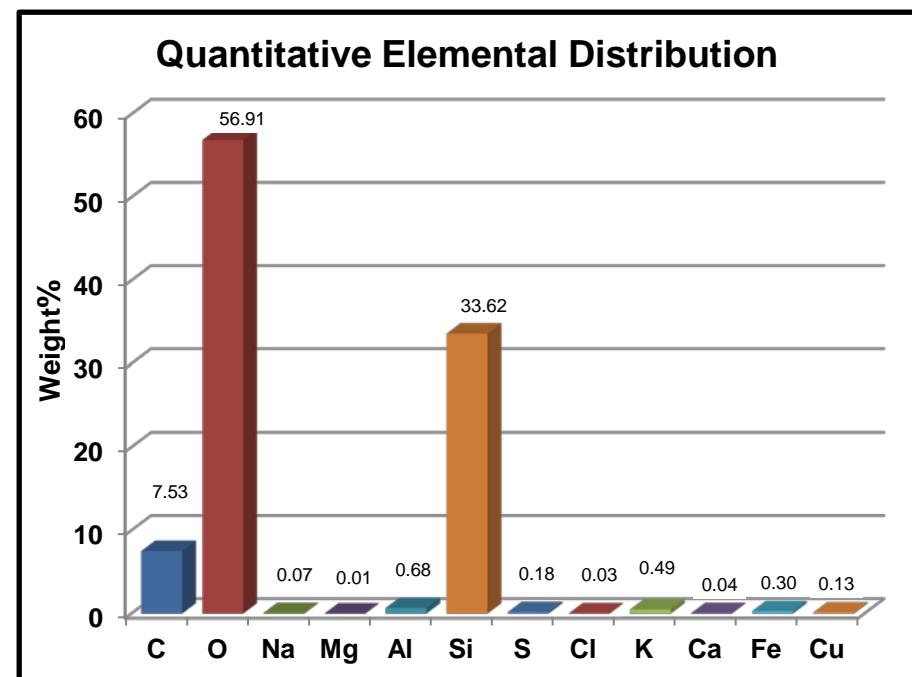
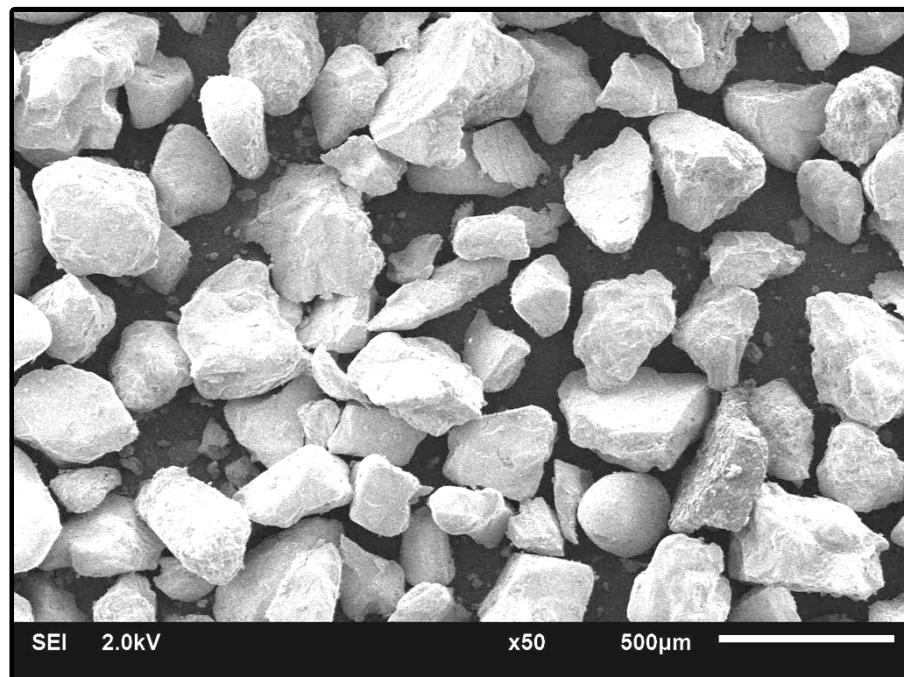
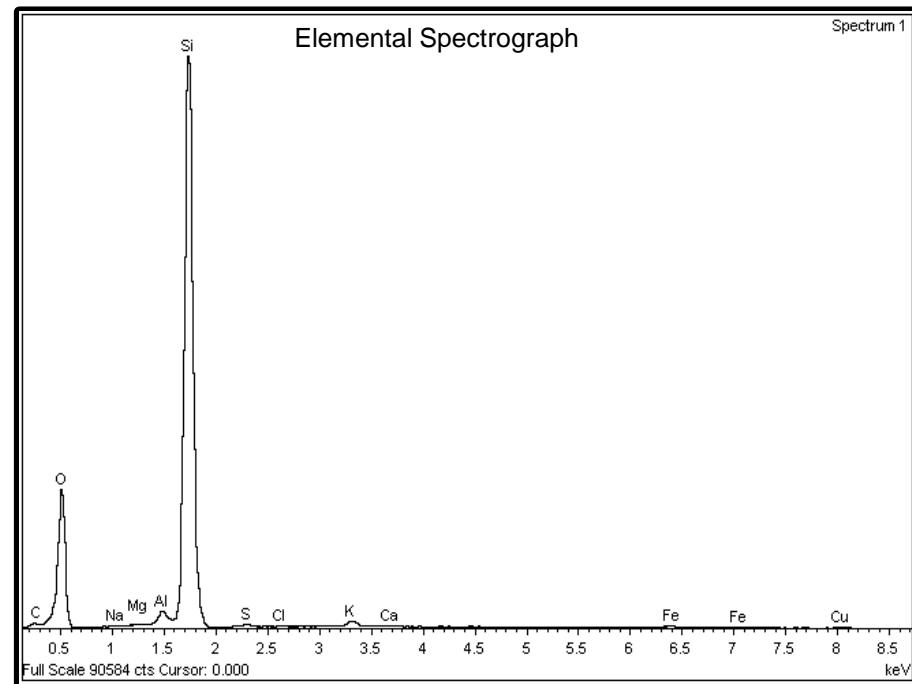
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Suncor Energy; File Number: CL-63368

Formation: McMurray, Firebag; Well: 102/11-08-095-06W4/00

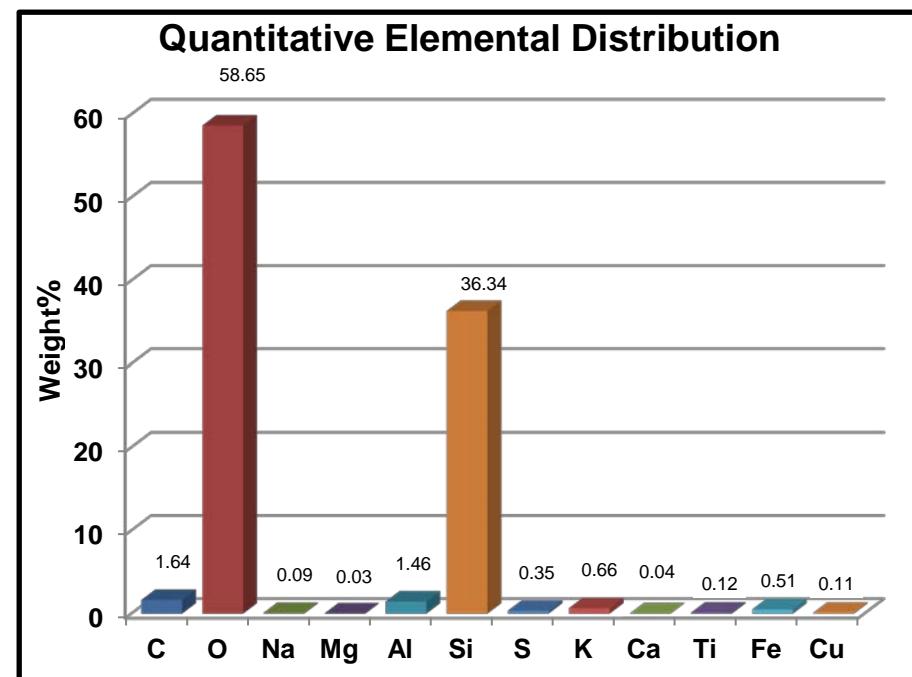
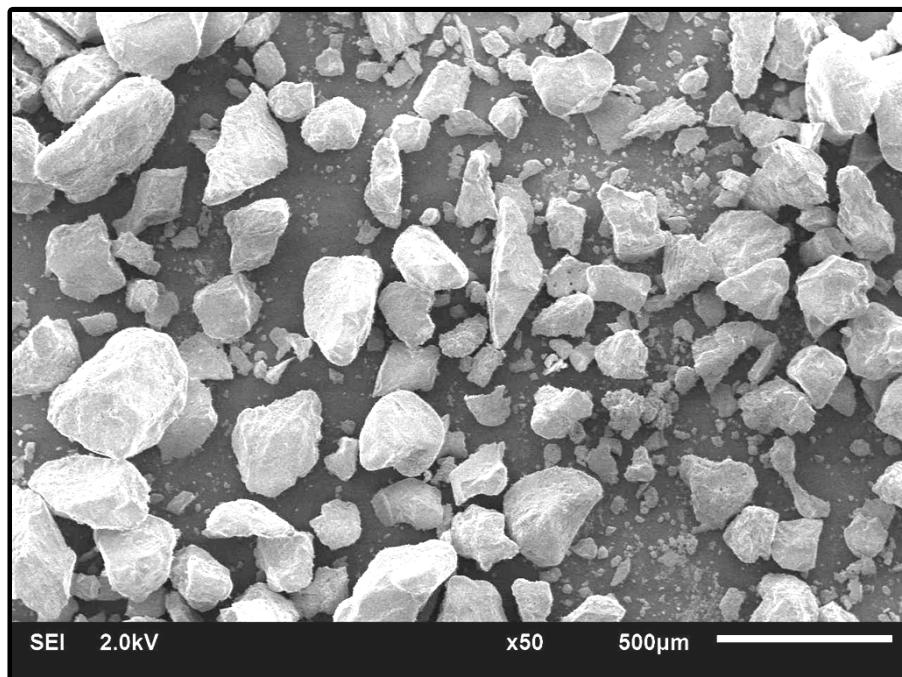
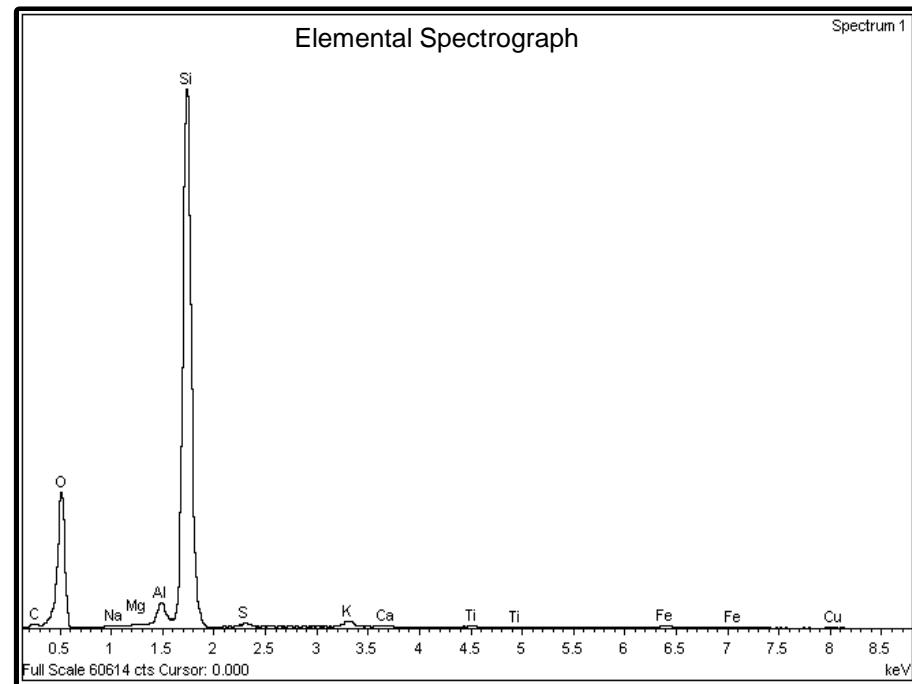
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Suncor Energy; File Number: CL-63368

Formation: McMurray, Firebag; Well: 102/11-08-095-06W4/00

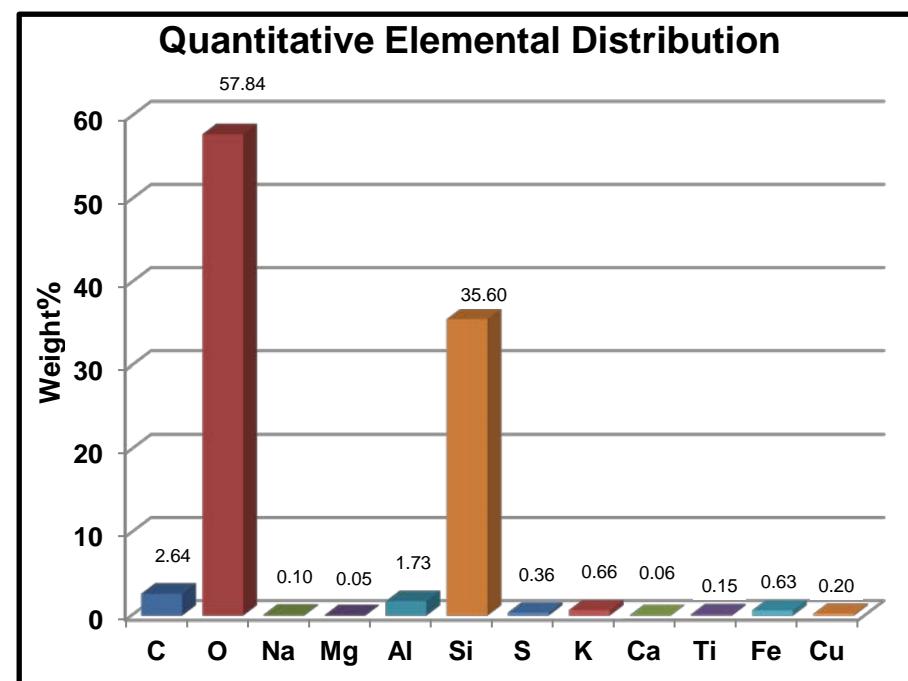
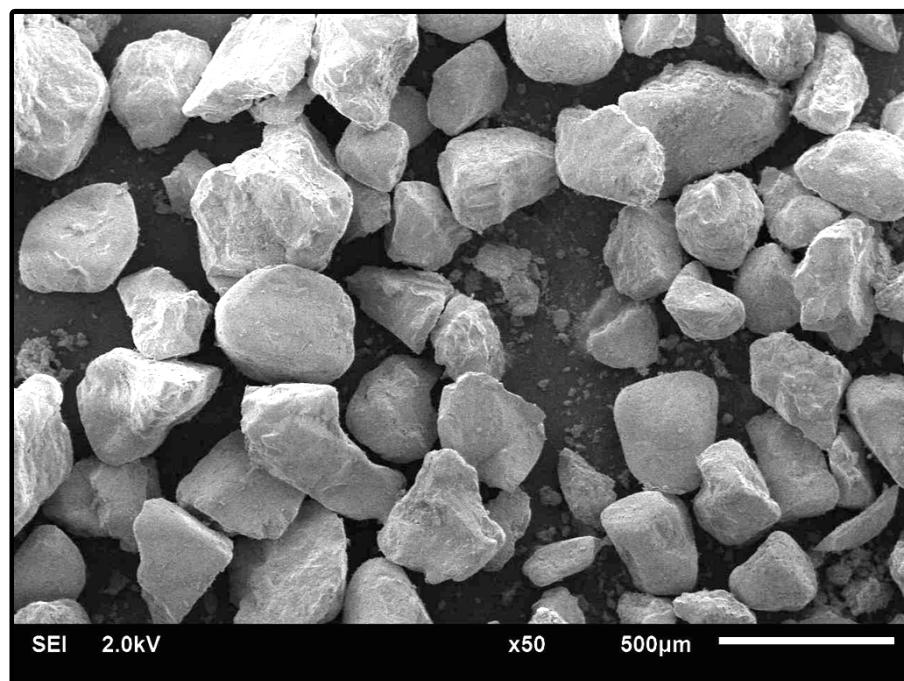
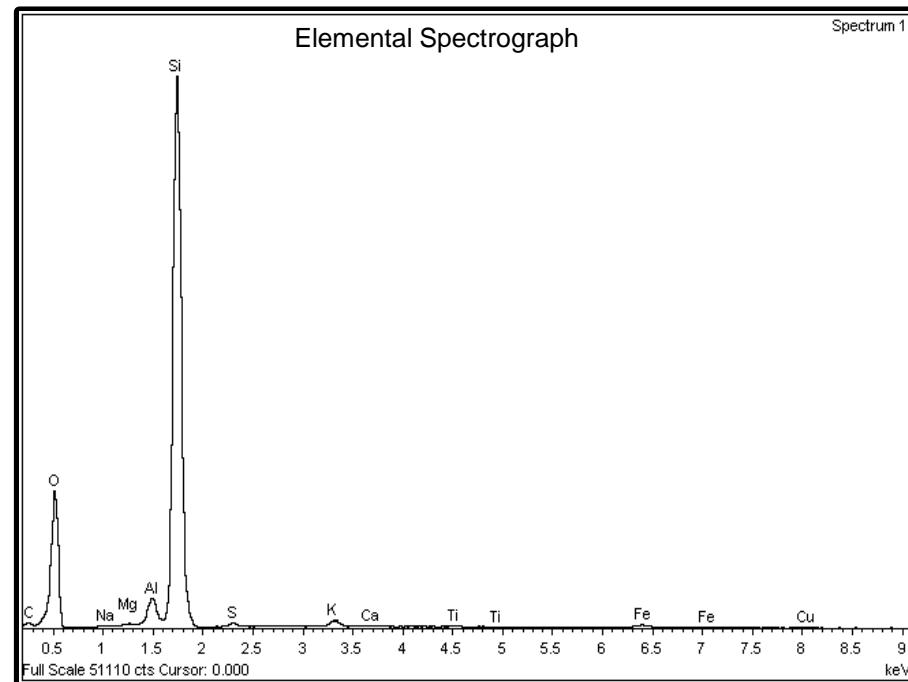
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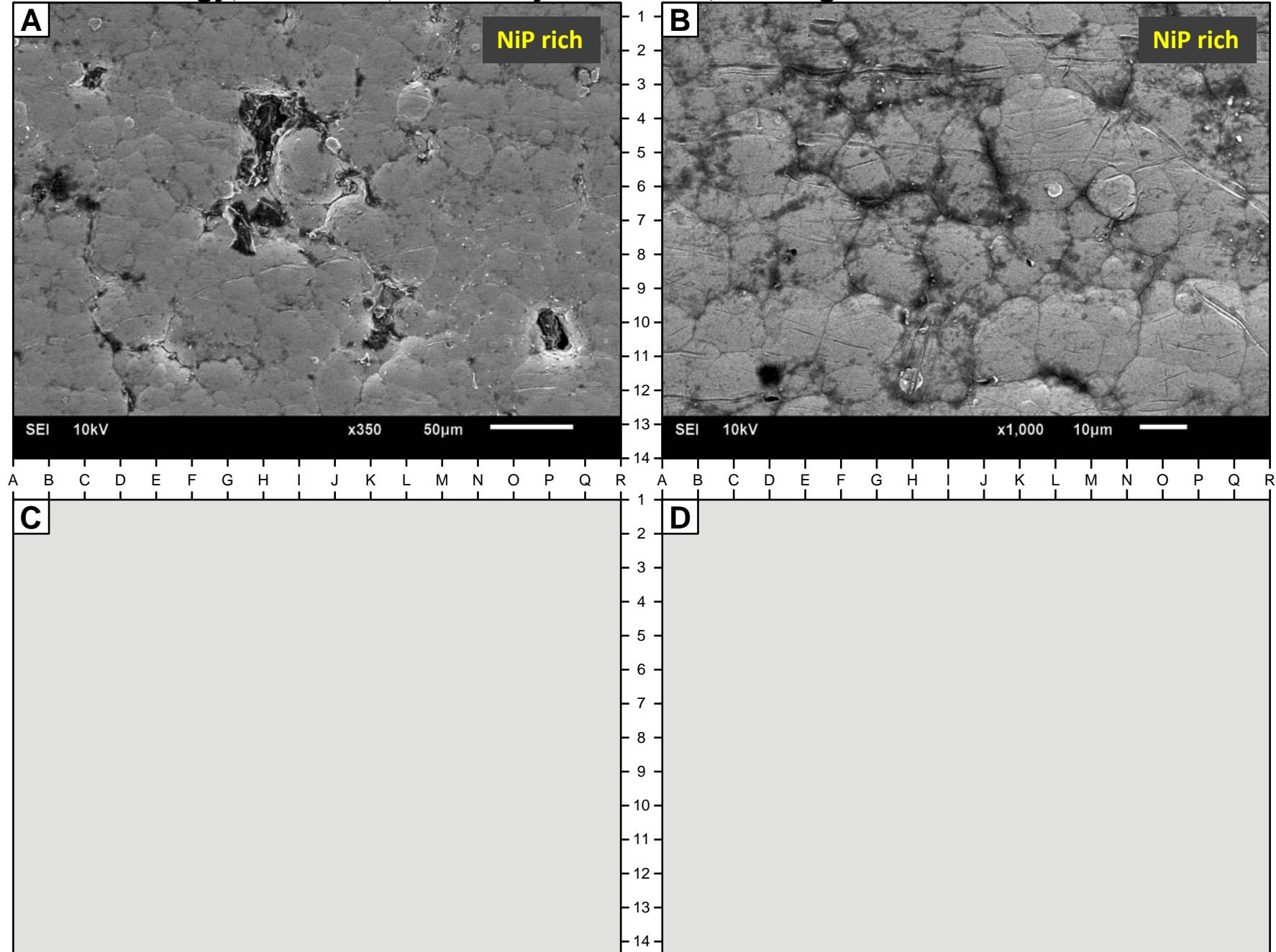
Suncor Energy; File Number: CL-63368

Formation: McMurray, Firebag; Well: 102/11-08-095-06W4/00

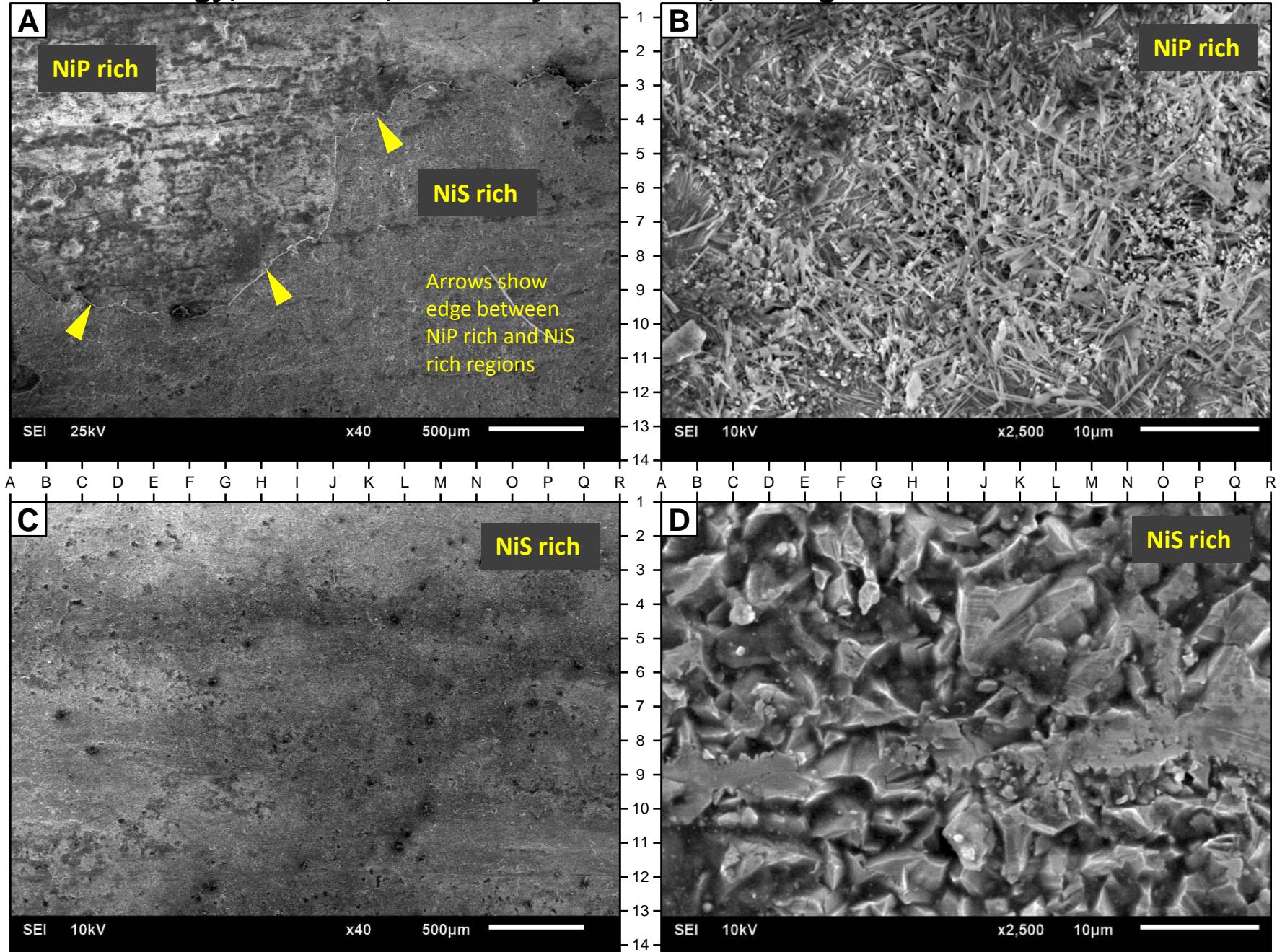
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Suncor Energy; CL-63368; McMurray Formation, Firebag



Suncor Energy; CL-63368; McMurray Formation, Firebag



Suncor Energy; CL-63368; McMurray Formation, Firebag

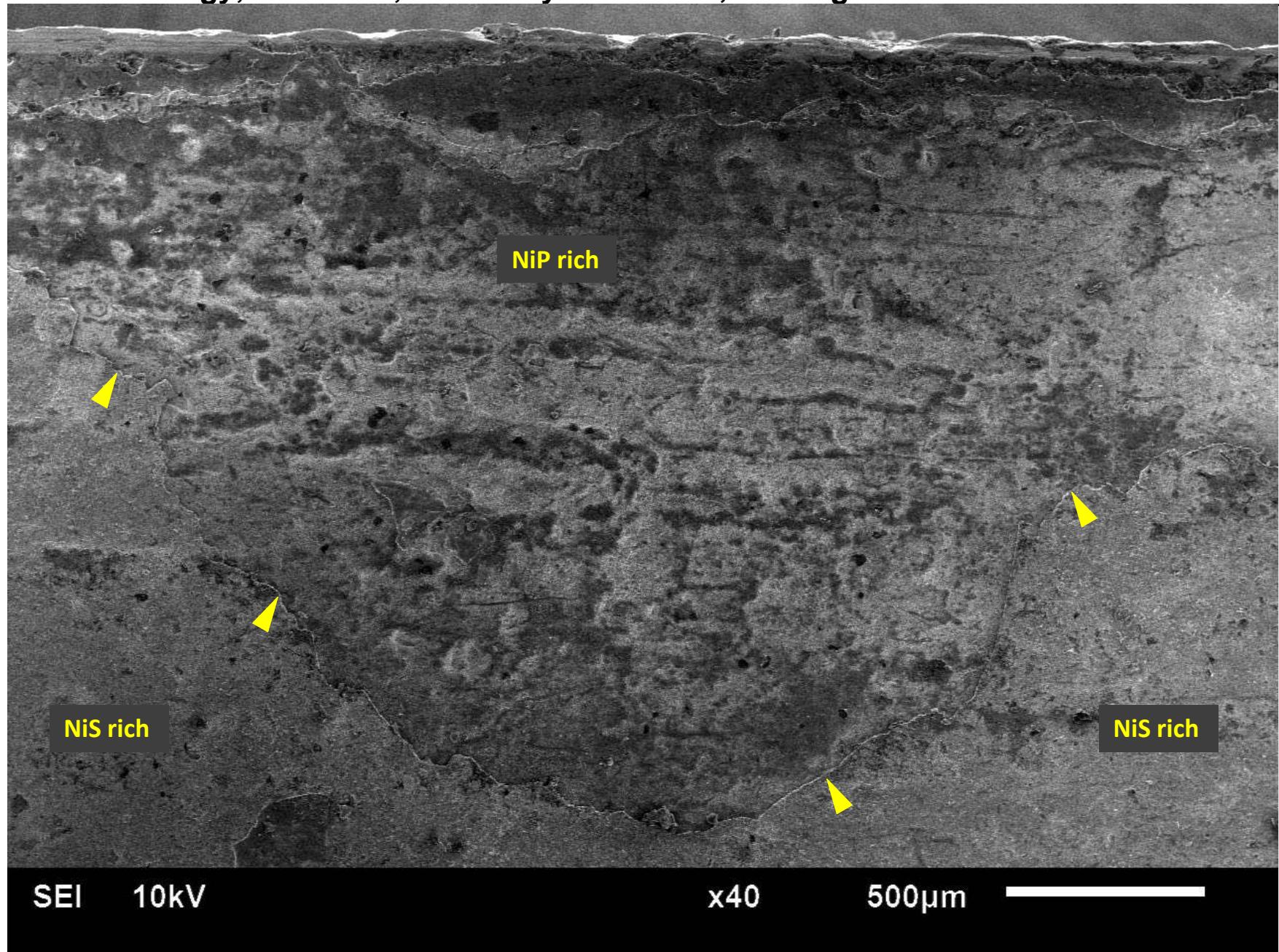
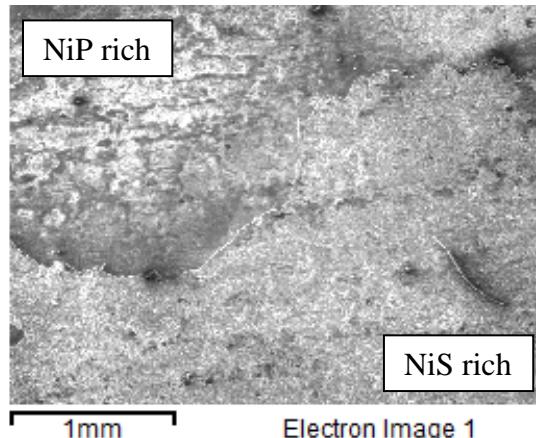


Plate 08
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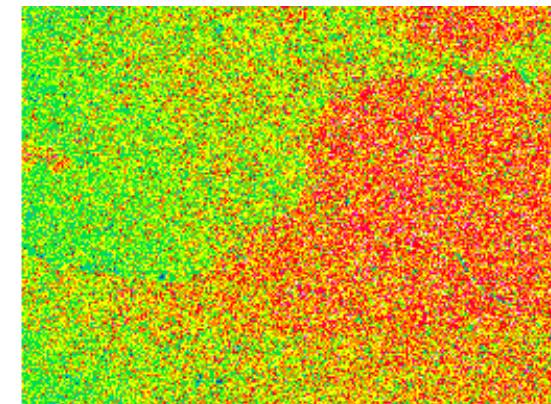
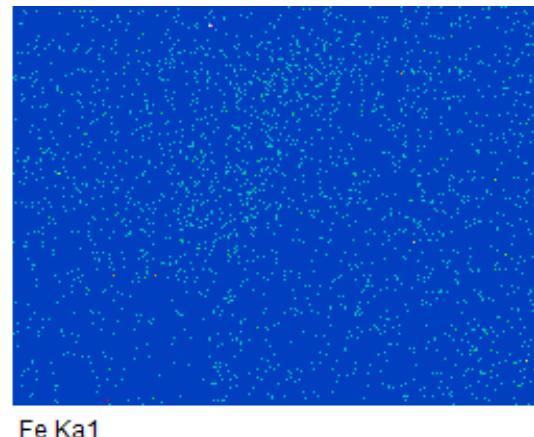
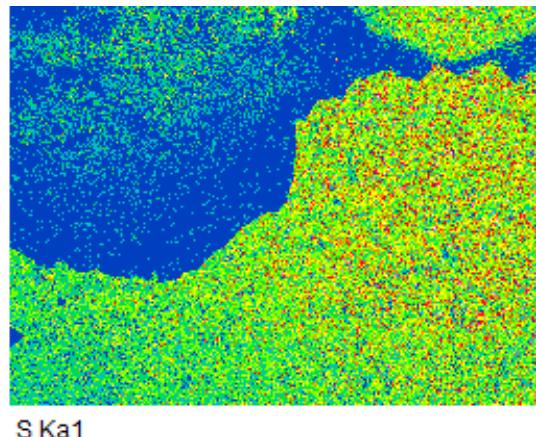
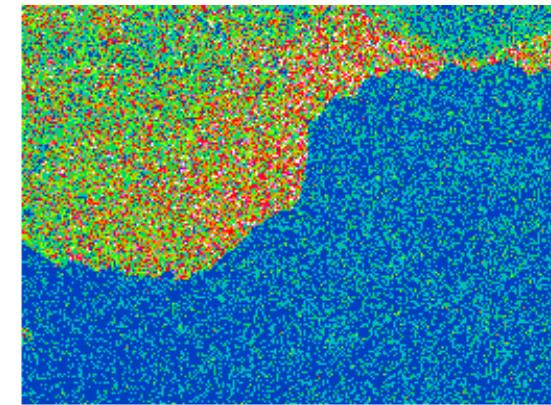
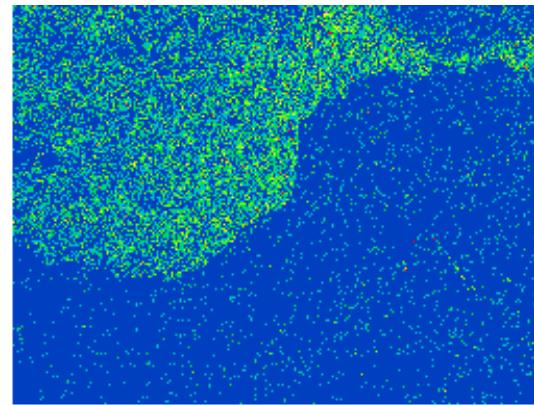
GR-002: Post test liner (coupon); corrosion
Center: NiP rich. Lower corners: NiS rich

GR Petrology
CONSULTANTS Inc.

**Suncor Energy; CL-63368; McMurray Formation, Firebag
Elemental Maps of GR-002: Post Test Liner Coupon (Corrosion)**



Electron Image 1



Comment: The upper left region is rich in Ni and P. The lower right region is rich in Ni and S. Ni is abundant throughout. Note that negligible Fe was found. The region shown on these maps is outlined with a red rectangle in the color macro photo on Plate 2.

Plate 9

GR 22823 2014